



SAR EVALUATION REPORT

IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8947A

Model Name: A3258

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1. Attestation of Test Results

Applicant Name	APPLE INC.											
FCC ID	BCG-E8947A											
Model Name	A3258											
Applicable Standards	Published RF exposure KDB procedures IEEE Std 1528-2013											
Exposure Category	SAR Limits (W/Kg)											
	Peak Spatial-Average (1g of tissue)				Extremities (hands, wrists, ankles, etc.) (10g of tissue)							
General population / Uncontrolled exposure	1.6				4							
RF Exposure Conditions	Equipment Class - Highest Reported SAR (W/kg)											
	PCE	TNE	CBE	DTS	NII	6CD	DSS	DXX				
Head	1.185	1.070	1.189	1.149	0.674	0.050	0.887	N/A				
Body-worn (Dist.= 5 mm)	1.168	0.818	1.144	0.827	1.159	0.410	1.028	N/A				
Hotspot (Dist.= 5 mm)	1.190	1.143	1.189	0.827	1.159	0.410	1.028	N/A				
Extremities (Dist.= 0 mm)	N/A	2.882	N/A	N/A	N/A	N/A	N/A	0.017				
Simultaneous TX	Head	1.531	1.374	1.493	1.531	1.531	1.531	N/A				
	Body-worn	1.536	1.257	1.512	1.536	1.536	1.536	N/A				
	Hotspot	1.536	1.478	1.524	1.536	1.536	1.536	N/A				
	Extremities	N/A	2.899	N/A	N/A	N/A	N/A	2.899				
Exposure Category	Radiofrequency (RF) Radiation Exposure (above 6GHz)											
	Uncontrol (mW/cm ² over 4 cm ²) 30 min average				Occupational/controlled (mW/cm ² over 4 cm ²) 6 min average							
General population / Uncontrolled exposure	1.0				5							
PD Result	0.687											
Date Tested	5/12/2025 to 8/11/2025											
Test Results	Complies											
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested can demonstrate compliance with the requirements as documented in this report. This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for the validity of results after the integration of the data provided by the customer. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not considered unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the U.S. Government, or any agency of the U.S. government.												
Approved & Released By:					Prepared By:							
												
Devin Chang Senior Test Engineer UL Verification Services Inc.					AJ Newcomer Laboratory Engineer UL Verification Services Inc.							

2. Test Specification, Methods and Procedures

The tests documented in this report were performed in accordance with FCC 47 CFR § 2.1093, IEEE Std 1528-2013, the following FCC Published RF exposure [KDB](#) procedures:

SAR

- 248227 D01 802.11 Wi-Fi SAR v02r02
- 447498 D01 General RF Exposure Guidance v06
- 447498 D03 Supplement C Cross-Reference v01
- 648474 D04 Handset SAR v01r03
- 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04
- 865664 D02 RF Exposure Reporting v01r02
- 941225 D01 3G SAR Procedures v03r01
- 941225 D05 SAR for LTE Devices v02r05
- 941225 D05A LTE Rel.10 KDB Inquiry Sheet v01r02
- 941225 D06 Hotspot Mode v02r01
- 941225 D07 UMPC Mini Tablet v01r02

In addition to the above, the following information was used:

- **TCB workshop** October 2014; RF Exposure Procedures (Other LTE Considerations)
- **TCB workshop** April 2015; RF Exposure Procedures (Overlapping LTE Bands)
- **TCB workshop** October 2015; RF Exposure Procedures (KDB 941225 D05A)
- **TCB workshop** April 2016; RF Exposure Procedures (LTE Carrier Aggregation for DL)
- **TCB workshop** October 2016; RF Exposure Procedures (LTE Carrier Aggregation for UL)
- **TCB workshop** October 2016; RF Exposure Procedures (Bluetooth Duty Factor)
- **TCB workshop** October 2016; RF Exposure Procedures (DUT Holder Perturbations)
- **TCB workshop** May 2017; RF Exposure Procedures (Broadband Liquid Above 3 GHz)
- **TCB workshop** May 2017; RF Exposure Procedures (LTE Band 41 Power Class 2)
- **TCB workshop** November 2017; RF Exposure Procedures (LTE UL/DL Carrier Aggregation SAR)
- **TCB workshop** April 2018; RF Exposure Procedures (LTE DL CA SAR Test Exclusion)
- **TCB workshop** October 2018; RF Exposure Procedures (LTE Inter-Band Uplink Carrier Aggregation – Interim Procedures)
- **TCB workshop** April 2019; RF Exposure Procedures (802.11ax SAR Testing)
- **TCB workshop** November 2019; RF Exposure Policy Updates (5G NR FR1 NSA EN-DCUE SAR Evaluations)
- **TCB workshop** October 2020; 5G and RF Exposure Procedures (U-NII 6-7 GHz SAR Testing)
- **TCB workshop** April 2021; RF Exposure Procedures (Remarks on Test Reductions via Data Referencing for Closely Related Products)
- **TCB workshop** April 2022; RF Exposure Procedures (Sum-Peak Location Separation Ratio)

PD

- 447498 D01 General RF Exposure Guidance v06
- 865664 D02 RF Exposure Reporting v01r02
- 388624 D02 Pre-Approval Guidance List v18r05
- 248227 D01 802.11 Wi-Fi SAR v02r02
- SPEAG DASY8 System Handbook; part 4 DASY8 Module mmWave
- SPEAG DASY8 Application Note: SAR, APD & PD at 6 – 10 GHz (Version 5), April 2022
- IEC/IEEE 63195-1:2022 Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 1: Measurement procedure
- [TCB workshop](#) November 2017; RF Exposure Procedures (Power Density Evaluation)
- [TCB workshop](#) October 2018; RF Exposure Procedures (Millimeter Wave Assessment)
- [TCB workshop](#) April 2019; RF Exposure Procedures (Millimeter Wave RF Exposure Evaluation)
- [TCB workshop](#) November 2019; RF Exposure Procedures (Millimeter Wave Scan Requirements)
- [TCB workshop](#) October 2020; RF Exposure Procedures (U NII 6-7 GHz RF Exposure)
- [TCB workshop](#) October 2022; RF Exposure Policies and Procedures (f-above-6 GHz Portable Devices)

3. Facilities and Accreditation

The test sites and measurement facilities used to collect data are located at

47173 Benicia Street	47266 Benicia Street
SAR Labs A to I	SAR Labs 1 to 26

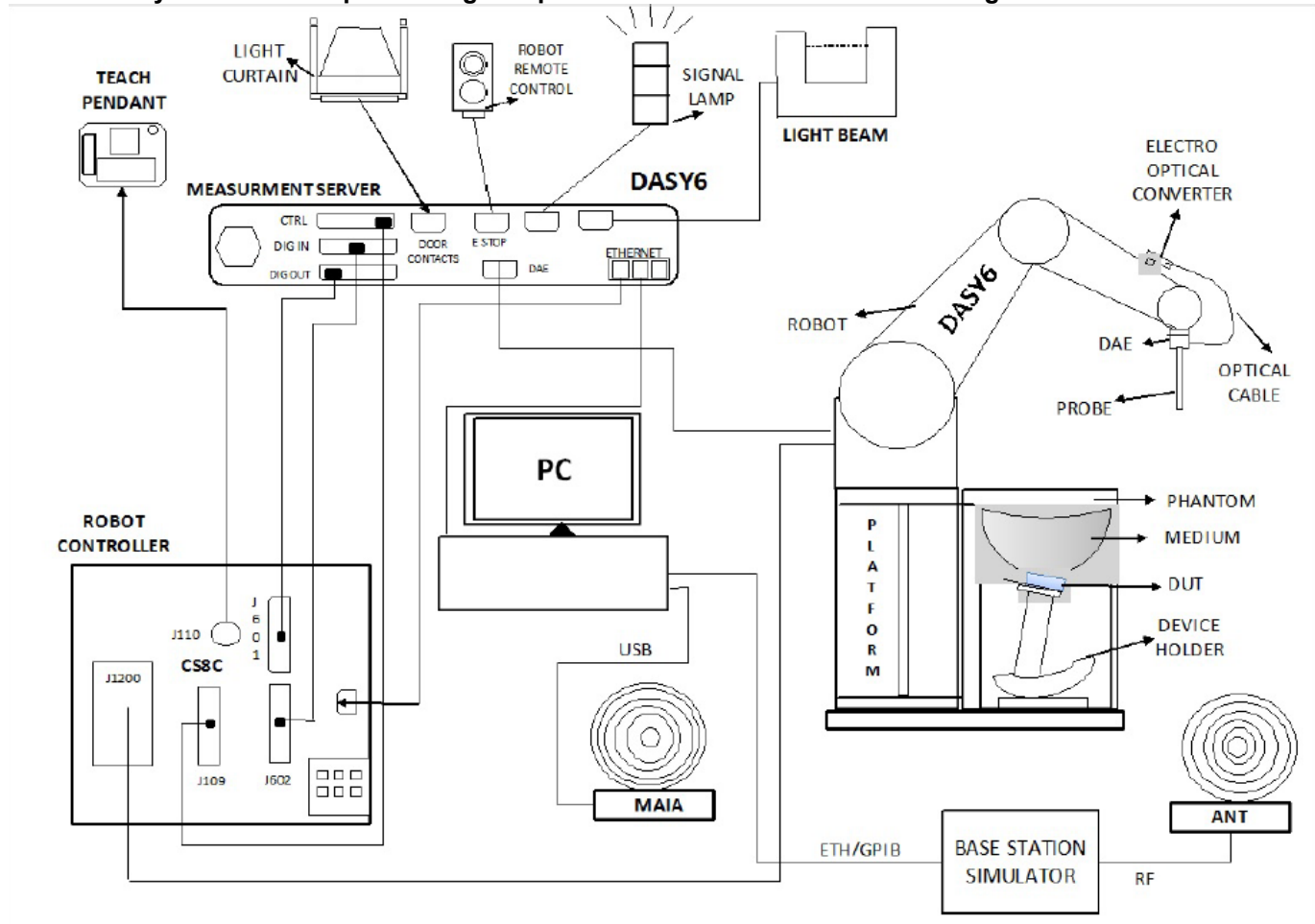
UL Verification Services Inc. is accredited by A2LA, Certificate Number 0751.05

The Test Lab Conformity Assessment Body Identifier (CABID)

Location	CABID	Company Number
47173 Benicia Street, Fremont, CA, 94538 UNITED STATES	US0104	2324A
47266 Benicia Street, Fremont, CA, 94538 UNITED STATES		

3.1. SAR Measurement System

The DASY system used for performing compliance tests consists of the following items:



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win10 and the DASY6/8¹ software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder, and other accessories according to the targeted measurement.

¹ DASY6/8 software used: DASY6.16.2 or DASY8.16.2 and older generations.

4. SAR Measurement System & Test Equipment

4.1. SAR Scan Procedures

Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. The minimum distance of probe sensors to surface is 2.1 mm. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

Step 2: Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in dB) is specified in the standards for compliance testing. For example, a 2 dB range is required in IEC/IEEE 62209-1528, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan). If only one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of Zoom Scans has to be increased accordingly.

Area Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 ± 1 mm	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: $\Delta x_{\text{Area}}, \Delta y_{\text{Area}}$	≤ 2 GHz: ≤ 15 mm $2 - 3$ GHz: ≤ 12 mm	$3 - 4$ GHz: ≤ 12 mm $4 - 6$ GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

Step 3: Zoom Scan

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. The Zoom Scan measures points (refer to table below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the Zoom Scan evaluates the averaged SAR for 1 g and 10 g and displays these values next to the job's label.

Zoom Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: $\Delta x_{\text{Zoom}}, \Delta y_{\text{Zoom}}$			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{\text{Zoom}}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm
Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.				
* When zoom scan is required and the <u>reported</u> SAR from the <i>area scan based 1-g SAR estimation</i> procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

Step 4: Power drift measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

4.2. PD Measurement Procedures

4.2.1. System Verification Scan Procedures

DASY8 Module mmWave supports “5G Scan”, a fine resolution scan performed on two different planes which is used to reconstruct the E- and H-fields as well as the power density; the average power density is derived from this measurement.

Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to device under test.

Step 2: 5G Scan

The steps in the X, Y, and Z directions are specified in terms of fractions of the signal wavelength, lambda. Area Scan Parameters extracted from SPEAG DASY8 System Handbook; part 4 DASY8 Module mmWave.

Recommended settings for measurement of verification sources

Frequency [GHz]	Grid step	Grid extent X/Y [mm]	Measurement points
10	0.125 $\left(\frac{\lambda}{8}\right)$	60/60	18×18
30	0.25 $\left(\frac{\lambda}{4}\right)$	60/60	26×26
45	0.25 $\left(\frac{\lambda}{4}\right)$	42/42	28×28
60	0.25 $\left(\frac{\lambda}{4}\right)$	32.5/32.5	28×28
90	0.25 $\left(\frac{\lambda}{4}\right)$	30/30	38×38

The minimum distance of probe sensors to the verification source surface, horn antenna, is 10 mm for 10 GHz and 5.55mm for 30 GHz and above.

Step 3: Power drift measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

When the drift is larger than $\pm 5\%$, test is repeated from step1.

4.2.2. Scan Procedures

Step 1: Power Reference Measurement

Same as System Verification Scan Procedures step 1.

Step 2: 5G Scan

Same as System Verification Scan Procedures step 2. But measurement area is defined based on TCB work shop April 2019, “A sufficiently large measurement region and proper measurement spatial resolution are required to maintain field reconstruction accuracy”.

–Fields at the measurement region boundary should be ~20-30 dB below the peaks

Step 3: Power drift measurement

Same as System Verification Scan Procedures step 3.

When the drift is smaller than $\pm 5\%$, it is considered in the uncertainty budget if drifts larger than 5%, uncertainty is re-calculated.

4.3. Test Equipment

The measuring equipment used to perform the tests documented in this report has been calibrated in accordance with the manufacturers' recommendations and is traceable to recognized national standards.

Dielectric Property Measurements

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
S-Parameter Network Analyzer	Rohde & Schwarz	ZNLE6	171919	2/28/2026
Dielectric Probe kit	SPEAG	DAK-3.5 Probe	1087	9/4/2025
Shorting Block	SPEAG	DAK-3.5 Short	T059	N/A
Thermometer	Fisher Scientific	Traceable	240054866	1/31/2026
Dielectric Probe kit	SPEAG	DAK-12 Probe	167145	1/31/2026
Shorting Block	SPEAG	DAK-12 Short	167145	1/31/2026
Vector Network Analyzer	Copper Mountain Tech	R140N	21130078	1/1/2026
Dielectric Probe kit	SPEAG	DAK-3.5	1103	2/10/2026
Shorting Block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	2/28/2026
Thermometer	Fisher Scientific	Traceable	240029160	1/31/2026
S-Parameter Network Analyzer	Rohde & Schwarz	ZNLE6	23.0012K56-101274-	2/28/2026
Dielectric Probe kit	SPEAG	DAK-3.5	1082	4/14/2026
Shorting Block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	4/14/2026
Thermometer	Fisher Scientific	Traceable	240029257	1/31/2026

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Signal Generator	R & S	SMB100A	168412	1/31/2026
Wideband Power Sensor	Agilent	N1921A	80119	1/31/2026
Power Sensor	R & S	NRP18A	171443	2/28/2026
Power Meter	HP	437B	82600	1/31/2026
Directional coupler	Mini-circuits	ZUDC10-183+	PRE0181620	N/A
Power Meter	Keysight	N1911A	1684412	1/31/2026
DC Power Supply	HP	6296A	T1363	N/A
DC Power Supply	Sorensen	XT 15-4	PRE0178948	N/A
Power Source	SPEAG	POWERSOURCE1	4371	4/1/2025
Power Source	SPEAG	POWERSOURCE1	4378	5/9/2025
Power Source	SPEAG	POWERSOURCE1	4348	12/11/2025
Signal Generator	R & S	SMB100A	06.6000K03-180968-	2/28/2026
DC Power Supply	Sorensen Ametek	XT 15-4	1319A02780	N/A
Power Sensor	Agilent	8481A	2349A36506	9/16/2016
Power Sensor	Agilent	8481A	3318A92374	9/16/2016
Amplifier	MITEQ	AMF-4D-00400600-50-30P	1795092	N/A
Bi-directional coupler	Werlatone	C8060-102	4062	N/A
Bi-directional coupler	Mini-Circuits	ZUDC10-183+	1722	N/A
Bi-directional coupler	Werlatone	C8060-102	2149	N/A

Note(s):

*Equipment not used past calibration due date.

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab A)	SPEAG	EX3DV4	7810	5/8/2026
E-Field Probe (SAR Lab B)	SPEAG	EX3DV4	7779	5/8/2026
E-Field Probe (SAR Lab C)	SPEAG	EX3DV4	7569	4/8/2026
E-Field Probe (SAR Lab D)	SPEAG	EX3DV4	3885	11/5/2025
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	3686	1/13/2026
E-Field Probe (SAR Lab F)	SPEAG	EX3DV4	7448	2/10/2026
E-Field Probe (SAR Lab G)	SPEAG	EX3DV4	3749	1/13/2026
E-Field Probe (SAR Lab H)	SPEAG	EX3DV4	3990	2/7/2026
E-Field Probe (SAR Lab I)	SPEAG	EX3DV4	7897	10/30/2025
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	7915	3/21/2026
E-Field Probe (SAR Lab 2)	SPEAG	EX3DV4	7914	3/17/2026
E-Field Probe (SAR Lab 3)	SPEAG	EX3DV4	7501	3/12/2026
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	7820	5/8/2026
E-Field Probe (SAR Lab 5)	SPEAG	EX3DV4	7585	4/11/2026
E-Field Probe (SAR Lab 6)	SPEAG	EX3DV4	3989	1/13/2026
E-Field Probe (SAR Lab 7)	SPEAG	EX3DV4	7808	3/12/2026
E-Field Probe (SAR Lab 8)	SPEAG	EX3DV4	3773	2/11/2026
E-Field Probe (SAR Lab 9)	SPEAG	EX3DV4	3991	11/4/2025
E-Field Probe (SAR Lab 10)	SPEAG	EX3DV4	3772	2/11/2026
E-Field Probe (SAR Lab 11)	SPEAG	EX3DV4	3902	3/10/2026
E-Field Probe (SAR Lab 12)	SPEAG	EX3DV4	7498	3/11/2026
E-Field Probe (SAR Lab 14)	SPEAG	EX3DV4	7356	3/10/2026
E-Field Probe (SAR Lab 15)	SPEAG	EX3DV4	7589	4/8/2026
E-Field Probe (SAR Lab 17)	SPEAG	EX3DV4	7908	3/3/2026
E-Field Probe (SAR Lab 18)	SPEAG	EX3DV4	7807	5/8/2026
E-Field Probe (SAR Lab 20)	SPEAG	EX3DV4	7910	2/23/2026
E-Field Probe (SAR Lab 21)	SPEAG	EX3DV4	7909	2/5/2026
E-Field Probe (SAR Lab 24)	SPEAG	EX3DV4	7335	1/13/2026
E-Field Probe (SAR Lab 26)	SPEAG	EX3DV4	7463	4/9/2026
E-Field Probe (SAR Lab 22)	SPEAG	EUmmWV4	9619	3/5/2026
E-Field Probe (SAR Lab 23)	SPEAG	EUmmWV4	9532	2/17/2026
E-Field Probe (SAR Lab 25)	SPEAG	EUmmWV4	9493	1/13/2026

Note(s):

*Equipment not used past calibration due date.

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Data Acquisition Electronics (SAR Lab A)	SPEAG	DAE4	1434	5/9/2026
Data Acquisition Electronics (SAR Lab B)	SPEAG	DAE4	1787	5/9/2026
Data Acquisition Electronics (SAR Lab C)	SPEAG	DAE4	1547	4/14/2026
Data Acquisition Electronics (SAR Lab D)	SPEAG	DAE4	1359	1/8/2026
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1357	1/13/2026
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1377	9/4/2025
Data Acquisition Electronics (SAR Lab G)	SPEAG	DAE4	1380	2/6/2026
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1545	2/6/2026
Data Acquisition Electronics (SAR Lab I)	SPEAG	DAE4	1798	5/9/2026
Data Acquisition Electronics (SAR Lab 1)	SPEAG	DAE4ip	1894	3/18/2026
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4ip	1893	3/18/2026
Data Acquisition Electronics (SAR Lab 3)	SPEAG	DAE4	1352	4/14/2026
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1797	5/9/2026
Data Acquisition Electronics (SAR Lab 5)	SPEAG	DAE4	1675	5/12/2026
Data Acquisition Electronics (SAR Lab 6)	SPEAG	DAE4	1257	9/10/2025
Data Acquisition Electronics (SAR Lab 7)	SPEAG	DAE4	1546	3/6/2026
Data Acquisition Electronics (SAR Lab 8)	SPEAG	DAE4	1544	1/13/2026
Data Acquisition Electronics (SAR Lab 9)	SPEAG	DAE4	1472	1/15/2026
Data Acquisition Electronics (SAR Lab 10)	SPEAG	DAE4	1258	3/11/2026
Data Acquisition Electronics (SAR Lab 11)	SPEAG	DAE4	1259	3/6/2026
Data Acquisition Electronics (SAR Lab 12)	SPEAG	DAE4	1439	3/11/2026
Data Acquisition Electronics (SAR Lab 14)	SPEAG	DAE4	1239	3/10/2026
Data Acquisition Electronics (SAR Lab 15)	SPEAG	DAE4ip	1619	4/10/2026
Data Acquisition Electronics (SAR Lab 17)	SPEAG	DAE4	1433	2/5/2026
Data Acquisition Electronics (SAR Lab 18)	SPEAG	DAE4	1796	5/9/2026
Data Acquisition Electronics (SAR Lab 20)	SPEAG	DAE4ip	1882	2/12/2026
Data Acquisition Electronics (SAR Lab 21)	SPEAG	DAE4ip	1883	2/17/2026
Data Acquisition Electronics (SAR Lab 24)	SPEAG	DAE4ip	1892	3/4/2026
Data Acquisition Electronics (SAR Lab 26)	SPEAG	DAE4	1799	5/9/2026
Data Acquisition Electronics (SAR Lab 22)	SPEAG	DAE4	1540	1/8/2026
Data Acquisition Electronics (SAR Lab 23)	SPEAG	DAE4	1548	2/7/2026
Data Acquisition Electronics (SAR Lab 25)	SPEAG	DAE4	1716	3/11/2026

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
System Validation Dipole	SPEAG	D750V3	1019	4/13/2026
System Validation Dipole	SPEAG	D750V3	1024	5/11/2026
System Validation Dipole	SPEAG	D750V3	1071	11/7/2025
System Validation Dipole	SPEAG	D835V2	4d002	11/7/2025
System Validation Dipole	SPEAG	D835V2	4d117	5/11/2026
System Validation Dipole	SPEAG	D1640V2	324	6/13/2026
System Validation Dipole	SPEAG	D1750V2	1050	4/19/2026
System Validation Dipole	SPEAG	D1750V2	1053	10/13/2025
System Validation Dipole	SPEAG	D1900V2	5d140	4/14/2026
System Validation Dipole	SPEAG	D2300V2	1002	4/11/2026
System Validation Dipole	SPEAG	D2300V2	1058	4/10/2026
System Validation Dipole	SPEAG	D2450V2	706	1/20/2026
System Validation Dipole	SPEAG	D2450V2	748	2/8/2026
System Validation Dipole	SPEAG	D2600V2	1006	10/13/2025
System Validation Dipole	SPEAG	D2600V2	1036	4/11/2026
System Validation Dipole	SPEAG	D3500V2	1011	4/17/2026
System Validation Dipole	SPEAG	D3500V2	1060	2/7/2026
System Validation Dipole	SPEAG	D3700V2	1039	4/11/2026
System Validation Dipole	SPEAG	D3900V2	1102	10/24/2025
System Validation Dipole	SPEAG	D5GHzV2	1003	2/22/2026
System Validation Dipole	SPEAG	D5GHzV2	1138	2/3/2026
System Validation Dipole	SPEAG	D5GHzV2	1168	2/6/2026
System Validation Dipole	SPEAG	D6.5GHzV2	1032	4/14/2026
System Validation Dipole	SPEAG	D6.5GHzV2	1033	3/15/2026
System Validation Dipole	SPEAG	CLA13	1008	1/12/2026
5G Verification Source	SPEAG	10GHz	1015	9/6/2025

Note(s):

Dipole Calibration Date has been extended past 1 year. Impedance measurements have been performed to validate Dipole performance.

Other

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Base Station Simulator	R & S	CMW500	124593-SS	2/28/2026
Base Station Simulator	R & S	CMW500	135384	2/28/2026
Base Station Simulator	R & S	CMW500	137873	2/28/2026
Base Station Simulator	R & S	CMW500	259688	3/31/2026
Base Station Simulator	R & S	CMW500	86119	2/28/2026
Base Station Simulator	R & S	CMW500	85698	3/31/2026
Base Station Simulator	R & S	CMW500	231727	2/28/2026
Base Station Simulator	R & S	CMW500	81849	2/28/2026
Base Station Simulator	R & S	CMW500	259610	3/31/2026
Base Station Simulator	R & S	CMW500	259607	3/31/2026
Base Station Simulator	R & S	CMW500	259689	3/31/2026
Base Station Simulator	R & S	CMW500	231726	2/28/2026
Base Station Simulator	R & S	CMW500	208880	2/28/2026
Base Station Simulator	R & S	CMW500	171875-WG	9/2/2025
Base Station Simulator	R & S	CMW500	171871-Gd	9/2/2025
Power Meter	Keysight	N1911A	MY55196015	1/31/2026
Power Meter	Keysight	N1921A	MY55296004	1/31/2026
Power Sensor	Aligent	N1921A	MY53260010	1/31/2026
Power Meter	Keysight	N1911A	MY55196015	1/31/2026
Power Meter	Keysight	N1921A	MY55296004	1/31/2026
Power Sensor	Aligent	N1921A	MY53260010	1/31/2026

5. Measurement Uncertainty

SAR

Per KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. Therefore, the measurement uncertainty is not required.

PD

a	b	c	d f(d,k)	e	f = b×e/d	g
Error Description	Unc.Value (±dB)	Probab. Distri.	Div.	ci	Std. Unc. (±dB)	vi
Uncertainty terms dependent on the measurement system						
CAL	Calibration Repeatability	0.49	Normal	1	0.49	∞
COR	Probe correction	0	Rectangular	1.732	0.00	∞
FRS	Frequency response (BW 1 GHz)	0.20	Rectangular	1.732	0.12	∞
SCC	Sensor cross coupling	0	Rectangular	1.732	0.00	∞
ISO	Isotropy	0.50	Rectangular	1.732	0.29	∞
LIN	Linearity	0.20	Rectangular	1.732	0.12	∞
PSC	Probe scattering	0	Rectangular	1.732	0.00	∞
PPO	Probe positioning o set	0.30	Rectangular	1.732	0.17	∞
PPR	Probe positioning repeatability	0.04	Rectangular	1.732	0.02	∞
SMO	Sensor mechanical o set	0	Rectangular	1.732	0.00	∞
PSR	Probe spatial resolution	0	Rectangular	1.732	0.00	∞
FLD	Field impedance dependance	0	Rectangular	1.732	0.00	∞
APD	Amplitude and phase drift	0	Rectangular	1.732	0.00	∞
APN	Amplitude and phase noise	0.04	Rectangular	1.732	0.02	∞
TR	Measurement area truncation	0	Rectangular	1.732	0.00	∞
DAQ	Data acquisition	0.03	Normal	1	0.03	∞
SMP	Sampling	0	Rectangular	1.732	0.00	∞
REC	Field reconstruction	0.60	Rectangular	1.732	0.35	∞
TRA	Forw ard transformation	0	Rectangular	1.732	0.00	∞
SCA	Pow er density scaling	-	Rectangular	1.732	-	∞
SAV	Spatial averaging	0.10	Rectangular	1.732	0.06	∞
SDL	System detection limit	0.04	Rectangular	1.732	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors						
PC	Probe coupling w ith DUT	0	Rectangular	1.732	0	∞
MOD	Modulation response	0.40	Rectangular	1.732	0.23	∞
IT	Integration time	0	Rectangular	1.732	0	∞
RT	Response time	0	Rectangular	1.732	0	∞
DH	Device holder influence	0.10	Rectangular	1.732	0.06	∞
DAQ	DUT alignment	0	Rectangular	1.732	0	∞
AC	RF ambient conditions	0.04	Rectangular	1.732	0.02	∞
AR	Ambient reflections	0.04	Rectangular	1.732	0.02	∞
MSI	Immunity / secondary reception	0	Rectangular	1.732	0	∞
DRI	Drift of the DUT	0.21	Rectangular	1.732	0.12	∞
Combined Standard Uncertainty $U_c(f) =$		RSS			0.76	∞
Expanded Uncertainty U, Coverage Factor = 2, > 95 % Confidence =					1.52	

6. Device Under Test (DUT) Information

6.1. DUT Description

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble.

All Models have the same PCB layout, circuit design, common components, antennas, and antenna locations across their respective reference models. The cellular modem, Wi-Fi, BT, NFC, WPT, UWB, NB UNII, 802.15.4, 802.15.4ab-NB, and MSS transmitters are identical.

The device supports two power modes for both Mode A (DSI:0) and Mode B (DSI:1). Mode A power is used when the device is used against the user's head. Mode B power is used when the device is used in a Body-worn/Hotspot/Extremity configuration by the user. Power was measured in accordance with the device's two power modes for standalone for each antenna.

In AirPlay mode, the device uses same power and power control mechanism as Wi-Fi. AirPlay is not supported in hotspot mode. AirPlay utilize the same 802.11 modes, modulation, MIMO, Channel Bandwidth, etc. as Wi-Fi does. Therefore, AirPlay usage is categorized by the Wi-Fi SAR testing contained in Section 10.

The test samples provided in this project are representative of the units that will be sold.

Refer to the Technical Description for model's support.

Device Dimension	Refer to Appendix A
Back Cover	The Back Cover is not removable
Battery Options	The rechargeable battery is not user accessible.
Accessory	N/A
Wireless Router (Hotspot)	Wi-Fi Hotspot mode permits the device to share its cellular data connection with other Wi-Fi-enabled devices. ☒ Mobile Hotspot (Wi-Fi 2.4 GHz) ☒ Mobile Hotspot Wi-Fi 5.2(UNII-1)/5.8 GHz(UNII-3)
AirPlay	AirPlay mode enabled devices transfer data directly between each other ☒ AirPlay (Wi-Fi 2.4 GHz) ☒ AirPlay (Wi-Fi 5 GHz) ☒ AirPlay (Wi-Fi 6 GHz VLP only)
Bluetooth Tethering (Hotspot)	BT Tethering mode permits the device to share its cellular data connection with other devices. ☒ BT Tethering (Bluetooth 2.4 GHz)

6.2. Wireless Technologies

Wireless technologies	Frequency bands	Operating mode	
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EDGE (8PSK)	GSM Class : B Multi-Slot Class: Class 10 - 2 Up, 4 Down
		Does this device support DTM (Dual Transfer Mode)? ☐ Yes ☒ No	
W-CDMA (UMTS)	Band 2 Band 4 Band 5	UMTS Rel. 99 (Voice & Data) HSDPA (Rel. 5) HSUPA (Rel. 6) HSPA+ (Rel. 7)	
LTE	FDD Bands 2/4/5/7/12/13/14/17/25/26/29(DL)/30/66/71 TDD Bands 41/48/53 Carrier Aggregation FDD Bands 5B/7C TDD Bands 41C/48C	QPSK 16QAM 64QAM 256QAM Carrier Aggregation (2 Uplinks and 5 Downlinks)	
5G NR (FR1)	FDD Bands n2/n5/n7/n12/n14/n25/n26/n29 (DL)/n30/n66/n70/n71 TDD Bands n41/n48/n53/n77	DFT-s-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM	
5G NR (FR2)	TDD Bands n258/n260/n261		
Wi-Fi	2.4 GHz	802.11b/g/n/ax/be (20 MHz BW)	
	5 GHz UNII-1/2A/2C/3	802.11a/n/ac/ax/be (20/40/80/160 MHz BW)	
		Does this device support Bands 5.60 ~ 5.65 GHz? ☒ Yes ☐ No	
	6 GHz SP: UNII-5/7 LPI: UNII-5/6/7/8 VLP: UNII-5/6/7/8	Does this device support Band gap channel(s)? ☒ Yes ☐ No	
Bluetooth	2.4 GHz	BR, EDR, LE, HDR, HDRP, HDT, CS, and LELR	
NB UNII	UNII-1/3/5	BR, LE, HDR, HDRP, and HDT	
802.15.4	2405 – 2475 MHz	O-QPSK	
802.15.4ab-NB	5728.75 – 5846.25 MHz	O-QPSK	
MSS	1.6 GHz	1PRB LTE SC-FDMA, BPSK	
NFC	13.56 MHz	Type A/B/F, ISO15693	
UWB	6.5 GHz and 8 GHz	BPSK	
WPT	360 kHz	ASK, FSK	

Notes:

1. Duty cycle for Wi-Fi is referenced from the DTS and U-NII reports. Refer to Section 10 for Duty Cycle values used for testing.
2. This device supports Power Class 2 (PC2) for LTE B41 and 5G NR n41, n77.
3. LTE Uplink 2CA is the total combined power of the UL CA.
4. UWB is categorically excluded because the maximum conducted output power is less than 1mW.
5. This device supports Real Simultaneous Dual Band (RSDB).

6.3. General LTE SAR Test and Reporting Considerations

Item	Description						
Frequency range, Channel Bandwidth, Numbers and Frequencies	Band 2	Frequency range: 1850 - 1910 MHz (BW = 60 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	18700 /1860	18675/ 1857.5	18650/ 1855	18625/ 1852.5	18615/ 1851.5	18607/ 1850.7
	Mid	18900/ 1880	18900/ 1880	18900/ 1880	18900/ 1880	18900/ 1880	18900/ 1880
	High	19100/ 1900	19125/ 1902.5	19150/ 1905	19175/ 1907.5	19185/ 1908.5	19193/ 1909.3
	Band 4	Frequency range: 1710 - 1755 MHz (BW = 45 MHz)					
		Channel Bandwidth					
		20 MHz ¹	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	20050/ 1720	20025/ 1717.5	20000/ 1715	19975/ 1712.5	19965/ 1711.5	19957/ 1710.7
	Mid	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5
	High	20300/ 1745	20325/ 1747.5	20350/ 1750	20375/ 1752.5	20385/ 1753.5	20393/ 1754.3
	Band 5	Frequency range: 824 - 849 MHz (BW = 25 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz ¹	5 MHz	3 MHz	1.4 MHz
	Low			20450/ 829	20425/ 826.5	20415/ 825.5	20407/ 824.7
	Mid			20525/ 836.5	20525/ 836.5	20525/ 836.5	20525/ 836.5
	High			20600/ 844	20625/ 846.5	20635/ 847.5	20643/ 848.3
	Band 7	Frequency range: 2500 - 2570 MHz (BW = 70 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	20850 2510	20825 2507.5	20800 2505	20775 2502.5		
	Mid	21100 2535	21100 2535	21100 2535	21100 2535		
	High	21350 2560	21375 2562.5	21400 2565	21425 2567.5		
	Band 12	Frequency range: 699 – 716 MHz (BW = 17 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz ¹	5 MHz	3 MHz	1.4 MHz
	Low			23060/ 704	23035/ 701.5	23025/ 700.5	23017/ 699.7
	Mid			23095/ 707.5	23095/ 707.5	23095/ 707.5	23095/ 707.5
	High			23130/ 711	23155/ 713.5	23165/ 714.5	23173/ 715.3
	Band 13	Frequency range: 777 - 787 MHz (BW = 10 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz ¹	5 MHz ¹	3 MHz	1.4 MHz
	Low				23205/ 779.5		
	Mid			23230/ 782	23230/ 782		
	High				23255/ 784.5		
	Band 14	Frequency range: 788 - 798 MHz (BW = 10 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz ¹	5 MHz ¹	3 MHz	1.4 MHz
	Low				23305/ 790.5		
	Mid			23330/ 793	23330/ 793		
	High				23355/ 794.5		

					795.5		
Band 17	Frequency range: 704 - 716 MHz (BW = 12 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz ¹	5 MHz ¹	3 MHz	1.4 MHz	
Low			23780/ 709	23755/ 706.5			
Mid			23790/ 710	23790/ 710			
High			23800/ 711	23825/ 713.5			
Band 25	Frequency range: 1850 - 1915 MHz (BW = 65 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz	
Low	26140/ 1860	26115/ 1857.5	26090/ 1855	26065/ 1852.5	26055/ 1851.5	26047/ 1850.7	
Mid	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	
High	26590/ 1905	26615/ 1907.5	26640/ 1910	26665/ 1912.5	26675/ 1913.5	26683/ 1914.3	
Band 26	Frequency range: 814 - 849 MHz (BW = 35 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz ¹	10 MHz	5 MHz	3 MHz	1.4 MHz	
Low			26740/ 819	26715/ 816.5	26705/ 815.5	26697/ 814.7	
Mid			26865/ 831.5	26865/ 831.5	26865/ 831.5	26865/ 831.5	
High			26990/ 844	27015/ 846.5	27025/ 847.5	27033/ 848.3	
Band 30	Frequency range: 2305 - 2315 MHz (BW = 10 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz ¹	5 MHz ¹	3 MHz	1.4 MHz	
Low				27685/ 2307.5			
Mid			27710/ 2310	27710/ 2310			
High				27735/ 2312.5			
Band 41 ²	Frequency range: 2496 - 2690 MHz (BW = 194 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz	
Low	39750 / 2506.0						
Mid-Low	40185 / 2549.5						
Mid	40620 / 2593.0						
Mid-High	41055 / 2636.5						
High	41490 / 2680.0						
Band 48	Frequency range: 3550 - 3700 MHz (BW = 150 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz	
Low	55340/ 3560	55315/ 3557.5	55290/ 3555	55265/ 3552.5			
Mid-Low	55773/ 3603.3	55765/ 3602.5	55757/ 3601.7	55748/ 3600.8			
Mid-High	56207/ 3646.7	56215/ 3647.5	56223/ 3648.3	56232/ 3649.2			
High	56640/ 3690	56665/ 3692.5	56690/ 3695	56715/ 3697.5			
Band 53	Frequency range: 2483.5 - 2495 MHz (BW = 11.5 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz ¹	5 MHz ¹	3 MHz	1.4 MHz	
Low					2485/ 60115	2484.2/ 60147	
Mid			60197/ 2489.5	60197/ 2489.5	60197/ 2489.5	60197/ 2489.5	
High					2493.5/ 60240	2494.3/ 60248	

	Band 66	Frequency range: 1710 - 1780 MHz (BW = 70 MHz)																																																																			
		Channel Bandwidth																																																																			
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz																																																														
	Low	132072/1720	132047/1717.5	132022/1715	131997/1712.5	131987/1711.5	131979/1710.7																																																														
	Mid	132322/1745	132322/1745	132322/1745	132322/1745	132322/1745	132322/1745																																																														
	High	132572/1770	132597/1772.5	132622/1775	132647/1777.5	132657/1778.5	132665/1779.3																																																														
	Band 71	Frequency range: 663 - 698 MHz (BW = 35 MHz)																																																																			
		Channel Bandwidth																																																																			
		20 MHz ¹	15 MHz ¹	10 MHz	5 MHz	3 MHz	1.4 MHz																																																														
	Low	133222/673	133197/670.5	133172/668	133147/665.5																																																																
	Mid	133297/680.5	133297/680.5	133297/680.5	133297/680.5																																																																
	High	133372/688	133397/690.5	133422/693	133447/695.5																																																																
LTE transmitter and antenna implementation	LTE can transmit from ANT1, ANT2, ANT3, ANT4, ANT7, ANT8, and ANT9.																																																																				
Maximum power reduction (MPR)	Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3 <table> <tr> <th rowspan="2">Modulation</th><th colspan="6">Channel bandwidth / Transmission bandwidth (N_{RB})</th><th rowspan="2">MPR (dB)</th></tr> <tr> <th>1.4 MHz</th><th>3.0 MHz</th><th>5 MHz</th><th>10 MHz</th><th>15 MHz</th><th>20 MHz</th></tr> <tr> <td>QPSK</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 1</td></tr> <tr> <td>16 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 1</td></tr> <tr> <td>16 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 2</td></tr> <tr> <td>64 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 2</td></tr> <tr> <td>64 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 3</td></tr> <tr> <td>256 QAM</td><td colspan="6">≥ 1</td><td>≤ 5</td></tr> </table> MPR Built-in by design The manufacturer MPR values are always within the 3GPP maximum MPR allowance but may not follow the default MPR values. A-MPR (additional MPR) was disabled during SAR testing							Modulation	Channel bandwidth / Transmission bandwidth (N _{RB})						MPR (dB)	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1	16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1	16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2	64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2	64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3	256 QAM	≥ 1						≤ 5
Modulation	Channel bandwidth / Transmission bandwidth (N _{RB})						MPR (dB)																																																														
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz																																																															
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1																																																														
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1																																																														
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2																																																														
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2																																																														
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3																																																														
256 QAM	≥ 1						≤ 5																																																														
Spectrum plots for RB configurations	A properly configured base station simulator was used for the SAR and power measurements; therefore, spectrum plots for each RB allocation and offset configuration are not included in the SAR report.																																																																				

Notes:

- Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per KDB 941225 D05 SAR for LTE Devices.
- LTE band 41 test channels in accordance with October 2014 TCB workshop for all channels bandwidths.
- SAR Testing for LTE was performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).

6.4. LTE (TDD) Considerations

According to KDB 941225 D05 SAR for LTE Devices, for Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

LTE TDD Bands support 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations and Table 4.2-1 for Special subframe configurations.

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-
10	$13168 \cdot T_s$	$13152 \cdot T_s$	$12800 \cdot T_s$	-	-	-

Table 4.2-2: Uplink-downlink configurations & Calculated Duty Cycle

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle (%)
		0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	63.3%
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.3%
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.3%
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.7%
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.7%
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.7%
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.3%

Calculated Duty Cycle = Extended cyclic prefix in uplink * (T_s) * # of S + # of U / period

Note(s):

This device supports uplink-downlink configurations 0-6. SAR testing/analysis was performed with the configuration with highest duty cycle for the following power classes: configuration 0 at 63.3% for Power Class 3 and configuration 1 at 43.3% for Power Class 2.

6.5. General 5G NR(FR1) SAR Test and Reporting Considerations

n2	SCS (kHz)	Frequency Range: 1850 - 1910 (BW = 60 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15								374000 /1870 MHz	373500 /1867.5 MHz	373000 /1865 MHz	372500 /1862.5 MHz	372000 /1860 MHz	371500 /1857.5 MHz	371000 /1855 MHz	370500 /1852.5 MHz	
Mid	15								376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz	
High	15								378000 /1890 MHz	378500 /1892.5 MHz	379000 /1895 MHz	379500 /1897.5 MHz	380000 /1900 MHz	380500 /1902.5 MHz	381000 /1905 MHz	381500 /1907.5 MHz	
n5	SCS (kHz)	Frequency Range: 824 - 849 (BW = 25 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15												166800 /834 MHz	166300 /831.5 MHz	165800 /829 MHz	165300 /826.5 MHz	
Mid	15												167300 /836.5 MHz	167300 /836.5 MHz	167300 /836.5 MHz	167300 /836.5 MHz	
High	15												167800 /839 MHz	168300 /841.5 MHz	168800 /844 MHz	169300 /846.5 MHz	
n7	SCS (kHz)	Frequency Range: 2500 - 2570 (BW = 70 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15								504000 /2520 MHz	503500 /2517.5 MHz	503000 /2515 MHz	502500 /2512.5 MHz	502000 /2510 MHz	501500 /2507.5 MHz	501000 /2505 MHz	500500 /2502.5 MHz	
Mid	15								507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	
High	15								510000 /2550 MHz	510500 /2552.5 MHz	511000 /2555 MHz	511500 /2557.5 MHz	512000 /2560 MHz	512500 /2562.5 MHz	513000 /2565 MHz	513500 /2567.5 MHz	
n12	SCS (kHz)	Frequency Range: 699 - 716 (BW = 17 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15													141300 /706.5 MHz	140800 /704 MHz	140300 /701.5 MHz	
Mid	15													141500 /707.5 MHz	141500 /707.5 MHz	141500 /707.5 MHz	
High	15													141700 /708.5 MHz	142200 /711 MHz	142700 /713.5 MHz	
n14	SCS (kHz)	Frequency Range: 788 - 798 (BW = 10 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15														158600 /793 MHz	158100 /790.5 MHz	
Mid	15														158600 /793 MHz	158600 /793 MHz	
High	15														158600 /793 MHz	159100 /795.5 MHz	
n25	SCS (kHz)	Frequency Range: 1850 - 1915 (BW = 65 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15								374000 /1870 MHz	373500 /1867.5 MHz	373000 /1865 MHz	372500 /1862.5 MHz	372000 /1860 MHz	371500 /1857.5 MHz	371000 /1855 MHz	370500 /1852.5 MHz	
Mid	15								376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	
High	15								379000 /1895 MHz	379500 /1897.5 MHz	380000 /1900 MHz	380500 /1902.5 MHz	381000 /1905 MHz	381500 /1907.5 MHz	382000 /1910 MHz	382500 /1912.5 MHz	
n26	SCS (kHz)	Frequency Range: 814 - 849 (BW = 35 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15													164800 /824 MHz	164300 /821.5 MHz	163800 /819 MHz	163300 /816.5 MHz
Mid	15													166300 /831.5 MHz	166300 /831.5 MHz	166300 /831.5 MHz	166300 /831.5 MHz
High	15													167800 /839 MHz	168300 /841.5 MHz	168800 /844 MHz	169300 /846.5 MHz
n30	SCS (kHz)	Frequency Range: 2305 - 2315 (BW = 10 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15															462000 /2310 MHz	461500 /2307.5 MHz
Mid	15															462000 /2310 MHz	462000 /2310 MHz
High	15															462000 /2310 MHz	462500 /2312.5 MHz
n41	SCS (kHz)	Frequency Range: 2496 - 2690 (BW = 194 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
1	30	509202 /2546.01 MHz	508200 /2541 MHz	507204 /2536.02 MHz	506202 /2531.01 MHz	505200 /2526 MHz	504204 /2521.02 MHz		503202 /2516.01 MHz		502200 /2511 MHz		501204 /2506.02 MHz	500700 /2503.5 MHz	500202 /2501.01 MHz		
		510000 /2550 MHz	509004 /2545.02 MHz	508002 /2540.01 MHz	507000 /2535 MHz	506004 /2530.02 MHz	505002 /2525.01 MHz		504000 /2520 MHz		503004 /2515.02 MHz		502002 /2510.01 MHz	501504 /2507.52 MHz	501000 /2505 MHz		
2	30	513900 /2569.5 MHz	513402 /2567.01 MHz	512904 /2564.52 MHz	512400 /2562 MHz	511902 /2559.51 MHz	511404 /2557.02 MHz		510900 /2554.5 MHz		510402 /2552.01 MHz		509904 /2549.52 MHz	509652 /2548.26 MHz	509400 /2547 MHz		
		518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz		518598 /2592.99 MHz		518598 /2592.99 MHz		518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz		
3	30	523302 /2616.51 MHz	523800 /2619 MHz	524298 /2621.49 MHz	524802 /2624.01 MHz	525300 /2626.5 MHz	525798 /2628.99 MHz		526302 /2631.51 MHz		526800 /2634 MHz		527298 /2636.49 MHz	527500 /2637.75 MHz	527802 /2639.01 MHz		
		527994 /2639.97 MHz	528996 /2644.98 MHz	529992 /2649.96 MHz	530994 /2654.97 MHz	531996 /2659.98 MHz	532992 /2664.96 MHz		533994 /2669.97 MHz		534996 /2674.98 MHz		535992 /2679.96 MHz	536496 /2682.48 MHz	536994 /2684.97 MHz		
n48	SCS (kHz)	Frequency Range: 3550 - 3700 (BW = 150 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	30								638002 /3570.03 MHz		637668 /3565.02 MHz		637336 /3560.04 MHz	637168 /3557.52 MHz	637002 /3555.03 MHz		
									640446 /3606.69 MHz		640334 /3605.01 MHz		640224 /3603.36 MHz	640168 /3602.52 MHz	640112 /3601.68 MHz		
Mg-High	30								642890 /3643.35 MHz		643000 /3645 MHz		643112 /3646.68 MHz	643168 /3647.52 MHz	643224 /3648.36 MHz		
									645332 /3679.98 MHz		645666 /3684.99 MHz		645998 /3689.97 MHz	646166 /3692.49 MHz	646332 /3694.98 MHz		
n53	SCS (kHz)	Frequency Range: 2484 - 2495 (BW = 11 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	30															497700 /2488.5 MHz	
Mid	30															497860 /2489.3 MHz	
High	30															498000 /2490 MHz	

n66	SCS (kHz)	Frequency Range: 1710 - 1780 (BW = 70 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15							346500 /1732.5 MHz	346000 /1730 MHz	345500 /1727.5 MHz	345000 /1725 MHz	344500 /1722.5 MHz	344000 /1720 MHz	343500 /1717.5 MHz	343000 /1715 MHz	342500 /1712.5 MHz	
Mid	15							349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	
High	15							351500 /1757.5 MHz	352000 /1760 MHz	352500 /1762.5 MHz	353000 /1765 MHz	353500 /1767.5 MHz	354000 /1770 MHz	354500 /1772.5 MHz	355000 /1775 MHz	355500 /1777.5 MHz	
n70	SCS (kHz)	Frequency Range: 1695 - 1710 (BW = 15 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15													340500 /1702.5 MHz	340000 /1700 MHz	339500 /1697.5 MHz	
Mid	15													340500 /1702.5 MHz	340500 /1702.5 MHz	340500 /1702.5 MHz	
High	15													340500 /1702.5 MHz	341000 /1705 MHz	341500 /1707.5 MHz	
n71	SCS (kHz)	Frequency Range: 663 - 698 (BW = 35 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	15												134600 /673 MHz	134100 /670.5 MHz	133600 /668 MHz	133100 /665.5 MHz	
Mid	15												136100 /680.5 MHz	136100 /680.5 MHz	136100 /680.5 MHz	136100 /680.5 MHz	
High	15												137600 /688 MHz	138100 /690.5 MHz	138600 /693 MHz	139100 /695.5 MHz	
n77 (Block A)	SCS (kHz)	Frequency Range: 3450 - 3550 (BW = 100 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
Low	30	633334 /3500.01 MHz	633000 /3495 MHz	632668 /3490.02 MHz	632334 /3485.01 MHz	632000 /3480 MHz	631668 /3475.02 MHz		631334 /3470.01 MHz		631000 /3465 MHz		630668 /3460.02 MHz	630500 /3457.5 MHz	630334 /3455.01 MHz		
	30	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz		633334 /3500.01 MHz		633334 /3500.01 MHz		633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz		
High	30	633332 /3499.98 MHz	633666 /3504.99 MHz	633998 /3509.97 MHz	634332 /3514.98 MHz	634666 /3519.99 MHz	634998 /3524.97 MHz		635332 /3529.98 MHz		635666 /3534.99 MHz		635998 /3539.97 MHz	636166 /3542.49 MHz	636332 /3544.98 MHz		
n77 (Block C)	SCS (kHz)	Frequency Range: 3700 - 3980 (BW = 280 MHz)															
		Channel Bandwidth (MHz)															
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5	
1	30	650002 /3750.03 MHz	649668 /3745.02 MHz	649336 /3740.04 MHz	649002 /3735.03 MHz	648668 /3730.02 MHz	648336 /3725.04 MHz		648002 /3720.03 MHz		647668 /3715.02 MHz		647336 /3710.04 MHz	647168 /3707.52 MHz	647002 /3705.03 MHz		
	30	652402 /3786.03 MHz	652202 /3783.03 MHz	652002 /3780.03 MHz	651802 /3777.03 MHz	651602 /3774.03 MHz	651402 /3771.03 MHz		651202 /3768.03 MHz		651002 /3765.03 MHz		650802 /3762.03 MHz	650702 /3760.53 MHz	650602 /3759.03 MHz		
3	30	654802 /3822.03 MHz	654734 /3821.01 MHz	654668 /3820.02 MHz	654602 /3819.03 MHz	654534 /3818.01 MHz	654468 /3817.02 MHz		654402 /3816.03 MHz		654334 /3815.01 MHz		654268 /3814.02 MHz	654234 /3813.51 MHz	654202 /3813.03 MHz		
	30	657200 /3858 MHz	657268 /3859.02 MHz	657334 /3860.01 MHz	657400 /3861 MHz	657468 /3862.02 MHz	657534 /3863.01 MHz		657600 /3864 MHz		657668 /3865.02 MHz		657734 /3866.01 MHz	657768 /3866.52 MHz	657800 /3867 MHz		
5	30	659600 /3894 MHz	659800 /3897 MHz	660000 /3900 MHz	660200 /3903 MHz	660400 /3906 MHz	660600 /3909 MHz		660800 /3912 MHz		661000 /3915 MHz		661200 /3918 MHz	661300 /3919.5 MHz	661400 /3921 MHz		
	30	661998 /3929.97 MHz	662332 /3934.98 MHz	662664 /3939.96 MHz	662998 /3944.97 MHz	663332 /3949.98 MHz	663664 /3954.96 MHz		663998 /3959.97 MHz		664332 /3964.98 MHz		664664 /3969.96 MHz	664832 /3972.48 MHz	664998 /3974.97 MHz		
SCS		15 kHz (n2, n5, n7, n12, n14, n25, n26, n30, n66, n70, n71) 30 kHz (n41, n48, n53, n77)															
NR(FR1) transmitter and antenna implementation		Refer to section 7 and Appendix A.															
A-MPR(Additional MPR) disabled for SAR testing?		Yes															
EN-DC Carrier Aggregation Possible Combinations																	
LTE Anchor Bands for NR band n2							LTE Band 5/12/14/48/66										
LTE Anchor Bands for NR band n5							LTE Band 2/7/30/48/66										
LTE Anchor Bands for NR band n7							LTE Band 5/12/66										
LTE Anchor Bands for NR band n12							LTE Band 2/30/48/66										
LTE Anchor Bands for NR band n14							LTE Band 2/30/66										
LTE Anchor Bands for NR band n25							LTE Band 12/48/66										
LTE Anchor Bands for NR band n26							N/A										
LTE Anchor Bands for NR band n30							LTE Band 5/12/14/66										
LTE Anchor Bands for NR band n41							LTE Band 2/4/5/12/25/26/41/66										
LTE Anchor Bands for NR band n48							LTE Band 2/5/13/66										
LTE Anchor Bands for NR band n53							LTE Band 48										
LTE Anchor Bands for NR band n66							LTE Band 2/5/7/12/13/14/30/48/71										
LTE Anchor Bands for NR band n70							N/A										
LTE Anchor Bands for NR band n71							LTE Band 2/7/48/66										
LTE Anchor Bands for NR band n77							LTE Band 2/5/7/12/13/14/25/30/41/66/71										

Notes:

- Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per FCC Guidance.
- SAR test for NR bands and LTE anchor Bands were performed separately due to limitations in SAR probe calibration factors. And, due to test setup limitations, SAR testing for NR was performed using test mode software to establish the connection.
- FR1 supported standalone.

4. Manufacturer/OEM declares operating duty cycle to be 100% and 50% for 5G NR (FR1) TDD Power Class 3 and Power Class 2 respectively.

6.6. Time-Averaged SAR (TAS) Feature

6.6.1. Cellular TAS

The equipment under test (EUT) incorporates the Smart Transmit (SmartTX) SAR averaging algorithm provided by Qualcomm for cellular technologies. Smart Transmit controls the Tx power of the cellular-based wireless device in real-time to maintain the time-averaged Tx power, and in turn, time-averaged RF exposure, below the predefined time-average power limit characterized for each technology and band.

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target or PD_design_target for each characterized technology and band.

Smart Transmit allows the device to transmit at higher power instantaneously as high as $P_{\max}$, when needed, but enforces power limiting to maintain time-averaged transmit power to P_{limit} .

The maximum time-averaged output power (dBm) for any 2G/3G/4G/5G NR WWAN technology band, and DSI = minimum of " $P_{\text{limit EFS}}$ " and "Maximum output power $P_{\max}$ " includes device uncertainty.

SAR values in this report were scaled to the maximum time-averaged output power to determine compliance following KDB 447498 D01.

SAR Characterization

Please refer to 15496277-S5 for the full details regarding SAR Characterizations.

6.6.2. Connectivity TAS

This DUT supports Time-Averaged SAR (TAS) technology for the connectivity transmitters (i.e. WLAN, BT, 802.15.4, NB UNII). A central manager, referenced as the RF Exposure manager, is responsible for maintaining the rolling time-averaged RF exposure over the applicable regulatory compliance window. This manager allocates a total RF exposure budget and specifies the RF exposure compliance limit to the connectivity radios. The radio controllers manage their transmissions to always maintain their consumption below the regulatory RF exposure limit. They report their consumed RF exposure back to the RF exposure manager. The RF exposure manager uses this feedback to allocate updated budget information throughout the regulatory averaging window. This implementation uses a 30-second time-averaging window.

SAR Characterization

Please refer to 15496277-S8 for the full details regarding SAR Characterizations.

7. RF Exposure Conditions (Test Configurations)

Refer to Appendix A for the specific details of the antenna-to-antenna and antenna-to-edge(s) distances.

Antenna	Band	Back	Front	Edge Top	Edge Right	Edge Bottom	Edge Left
ANT1	GSM 850/1900 WCDMA B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/41/53/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n53/n66/n70/n71	Yes	Yes	No	Yes	Yes	Yes
ANT2	GSM 850/1900 WCDMA B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/41/53/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n53/n66/n70/n71 NFC Primary	Yes	Yes	Yes	Yes	No	Yes
ANT3	GSM 1900 WCDMA B2/4 LTE B2/4/7/25/30/41/66 5G(FR1) n2/n7/n25/n30/n41/n66/n70 Wi-Fi 2.4GHz Bluetooth 2.4GHz 802.15.4	Yes	Yes	No	No	Yes	Yes
ANT4	GSM 1900 WCDMA B2/4 LTE B2/4/7/25/30/41/48/66 5G(FR1) n2/n7/n25/n30/n41/n48/n66/n70/n77 MSS (L-Band) Wi-Fi 2.4GHz Bluetooth 2.4GHz 802.15.4 NFC Primary	Yes	Yes	Yes	Yes	No	No
ANT5	Wi-Fi 5GHz/6GHz 802.15.4ab-NB NB UNII	Yes	Yes	No	No	Yes	Yes
ANT6	Wi-Fi 5GHz/6GHz 802.15.4ab-NB NB UNII	Yes	Yes	Yes	No	No	Yes
ANT7	LTE B48 5G(FR1) n48/n77	Yes	Yes	No	Yes	Yes	No
ANT8	LTE B48 5G(FR1) n48/n77	Yes	Yes	Yes	Yes	No	Yes
ANT9	LTE B48 5G(FR1) n48/n77	Yes	Yes	No	No	Yes	Yes
NFC	NFC Secondary	Yes	Yes	No	Yes	No	Yes

Notes:

1. SAR is not required because the distance from the antenna to the edge is > 25 mm as per KDB 941225 D06 Hot Spot SAR.
2. NFC Primary ANT is ANT 2 + ANT 4.
3. The Body-worn minimum separation distance is 5 mm. To cover both body-worn and hotspot RF exposure conditions testing was performed at a separation distance of 5 mm.

8. Dielectric Property Measurements & System Check

8.1. SAR Dielectric Property Measurements and System Checks

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within $\pm 2^\circ\text{C}$ of the temperature when the tissue parameters are characterized.

The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.

Tissue dielectric parameters were measured at the low, middle, and high frequency of each operating frequency range of the test device.

The methodology used to determine the SAR correction is described in IEEE Std 1528-2013. The methodology was conducted over a frequency range of 30 MHz to 6000 MHz, but it is implemented over the 300 MHz to 6000 MHz frequency range. The methodology was also studied for permittivity (ϵ_r) and conductivity (σ) ranges of $\pm 20\%$, but ranges of $\pm 10\%$ have been chosen. Given that the change in dielectric parameters influences the conversion factor of the probe, this influence will be small if a $\pm 10\%$ range is used.

Tissue Dielectric Parameters

FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

Target Frequency (MHz)	Head		Body	
	ϵ_r	σ (S/m)	ϵ_r	σ (S/m)
150	52.3	0.76	61.9	0.80
300	45.3	0.87	58.2	0.92
450	43.5	0.87	56.7	0.94
835	41.5	0.90	55.2	0.97
900	41.5	0.97	55.0	1.05
915	41.5	0.98	55.0	1.06
1450	40.5	1.20	54.0	1.30
1610	40.3	1.29	53.8	1.40
1800 – 2000	40.0	1.40	53.3	1.52
2450	39.2	1.80	52.7	1.95
3000	38.5	2.40	52.0	2.73
5000	36.2	4.45	49.3	5.07
5100	36.1	4.55	49.1	5.18
5200	36.0	4.66	49.0	5.30
5300	35.9	4.76	48.9	5.42
5400	35.8	4.86	48.7	5.53
5500	35.6	4.96	48.6	5.65
5600	35.5	5.07	48.5	5.77
5700	35.4	5.17	48.3	5.88
5800	35.3	5.27	48.2	6.00

SAR system verification is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device. The same SAR probe(s) and tissue-equivalent media combinations used with each specific SAR system for system verification must be used for device testing. When multiple probe calibration points are required to cover substantially large transmission bands, independent system verifications are required for each probe calibration point. A system verification must be performed before each series of SAR measurements using the same probe calibration point and tissue-equivalent medium. Additional system verification should be considered according to the conditions of the tissue-equivalent medium and measured tissue dielectric parameters, typically every three to four days when the liquid parameters are re-measured or sooner when marginal liquid parameters are used at the beginning of a series of measurements.

System Performance Check Measurement Conditions:

- The measurements were performed in the flat section of the TWIN SAM or ELI phantom, shell thickness: 2.0 ±0.2 mm (bottom plate) filled with Body or Head simulating liquid of the following parameters.
- The depth of tissue-equivalent liquid in a phantom must be ≥ 15.0 cm for SAR measurements ≤ 3 GHz and ≥ 10.0 cm for measurements > 3 GHz.
- The DASY system with an E-Field Probe was used for the measurements.
- The dipole was mounted on the small tripod so that the dipole feed point was positioned below the center marking of the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 10 mm (above 1 GHz) and 15 mm (below 1 GHz) from dipole center to the simulating liquid surface.
- The coarse grid with a grid spacing of 15 mm was aligned with the dipole.
For 5 GHz band - The coarse grid with a grid spacing of 10 mm was aligned with the dipole.
- Special 7x7x7 (below 3 GHz) and/or 8x8x7 (above 3 GHz) fine cube was chosen for the cube.
- Distance between probe sensors and phantom surface was set to 3 mm.
For 5 GHz band - Distance between probe sensors and phantom surface was set to 2.5 mm
- The dipole input power (forward power) was 100 mW.
- The results are normalized to 1 W input power.

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ε _r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Pot. No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SARA	6/4/2025	Head	2300	2300	36.61	39.47	-7.25%	1.58	1.66	-5.03%	6/4/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.290	45.692	47.800	-4.41%	1.120	22.347	23.100	-3.26%	
				2350	36.53	39.38	-7.25%	1.61	1.71	-5.72%													
				2400	36.46	39.30	-7.22%	1.65	1.75	-5.80%													
SARA	6/4/2025	Head	2600	2600	36.13	39.01	-7.38%	1.81	1.96	-7.75%	6/4/2025	D2600V2 SN: 1006	10/13/2025	17.0	2.560	51.079	56.100	-8.95%	1.180	23.544	25.400	-7.31%	1
				2495	36.30	39.14	-7.26%	1.72	1.85	-6.96%													
				2690	35.96	38.90	-7.55%	1.88	2.06	-8.71%													
SARA	6/6/2025	Head	2300	2300	40.54	39.47	2.70%	1.62	1.66	-2.75%	6/6/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.390	47.687	47.800	-0.24%	1.180	23.544	23.100	1.92%	
				2350	40.50	39.38	2.83%	1.65	1.71	-3.14%													
				2400	40.40	39.30	2.81%	1.69	1.75	-3.75%													
SARA	6/6/2025	Head	2600	2600	40.09	39.01	2.77%	1.85	1.96	-5.82%	6/6/2025	D2600V2 SN: 1006	10/13/2025	17.0	2.580	51.478	56.100	-8.24%	1.190	23.744	25.400	-6.52%	
				2495	40.28	39.14	2.90%	1.76	1.85	-4.74%													
				2690	39.91	38.90	2.60%	1.92	2.06	-6.97%													
SARA	6/9/2025	Head	2300	2300	41.16	39.47	4.28%	1.60	1.66	-4.07%	6/9/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.260	45.093	47.800	-5.66%	1.110	22.147	23.100	-4.12%	2
				2350	41.10	39.38	4.36%	1.63	1.71	-4.55%													
				2400	41.00	39.30	4.33%	1.67	1.75	-4.43%													
SARA	6/9/2025	Head	2600	2600	40.72	39.01	4.38%	1.83	1.96	-6.79%	6/9/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.230	52.300	55.400	-5.60%	2.400	24.000	24.900	-3.61%	
				2495	40.85	39.14	4.36%	1.74	1.85	-6.09%													
				2690	40.54	38.90	4.22%	1.91	2.06	-7.45%													
SARA	6/12/2025	Head	2300	2300	40.80	39.47	3.36%	1.61	1.66	-2.99%	6/12/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.300	45.891	48.700	-5.77%	1.120	22.347	23.800	-6.11%	
				2350	40.76	39.38	3.49%	1.64	1.71	-3.73%													
				2400	40.61	39.30	3.34%	1.69	1.75	-3.58%													
SARA	6/12/2025	Head	2600	2600	40.29	39.01	3.28%	1.85	1.96	-5.92%	6/12/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.550	50.879	55.400	-8.16%	1.170	23.345	24.900	-6.25%	
				2495	40.48	39.14	3.42%	1.76	1.85	-5.07%													
				2690	40.14	38.90	3.19%	1.92	2.06	-6.63%													
SARA	6/16/2025	Head	2300	2300	40.24	39.47	1.94%	1.64	1.66	-1.67%	6/16/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.270	45.292	48.700	-7.00%	1.120	22.347	23.800	-6.11%	
				2350	40.17	39.38	1.99%	1.68	1.71	-1.86%													
				2400	40.09	39.30	2.02%	1.71	1.75	-2.32%													
SARA	6/16/2025	Head	2600	2600	39.71	39.01	1.79%	1.88	1.96	-4.39%	6/16/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.580	51.478	55.400	-7.08%	1.180	23.544	24.900	-5.45%	
				2495	39.91	39.14	1.96%	1.79	1.85	-3.28%													
				2690	39.51	38.90	1.58%	1.95	2.06	-5.31%													
SARA	6/20/2025	Head	2300	2300	40.90	39.47	3.62%	1.62	1.66	-2.63%	6/20/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.270	45.292	48.700	-7.00%	1.110	22.147	23.800	-6.94%	3
				2350	40.83	39.38	3.67%	1.66	1.71	-2.85%													
				2400	40.71	39.30	3.60%	1.69	1.75	-3.41%													
SARA	6/20/2025	Head	2600	2600	40.41	39.01	3.59%	1.85	1.96	-5.82%	6/20/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.560	51.079	55.400	-7.80%	1.170	23.345	24.900	-6.25%	
				2495	40.56	39.14	3.62%	1.76	1.85	-4.63%													
				2690	40.26	38.90	3.50%	1.92	2.06	-6.58%													
SARA	6/23/2025	Head	2300	2300	39.30	39.47	-0.44%	1.65	1.66	-1.13%	6/23/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.300	45.891	48.700	-5.77%	1.120	22.347	23.800	-6.11%	
				2350	39.25	39.38	-0.34%	1.68	1.71	-1.86%													
				2400	39.21	39.30	-0.22%	1.72	1.75	-2.04%													
SARA	6/23/2025	Head	2600	2600	38.64	39.01	-0.95%	1.87	1.96	-4.65%	6/23/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.560	51.079	55.400	-7.80%	1.180	23.544	24.900	-5.45%	
				2495	38.91	39.14	-0.60%	1.79	1.85	-3.23%													
				2690	38.51	38.90	-1.00%	1.94	2.06	-5.99%													
SARA	6/26/2025	Head	2300	2300	40.75	39.47	3.24%	1.66	1.66	-0.26%	6/26/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.400	47.886	48.700	-1.67%	1.170	23.345	23.800	-1.91%	
				2350	40.66	39.38	3.24%	1.71	1.71	-0.04%													
				2400	40.66	39.30	3.47%	1.73	1.75	-1.12%													
SARA	6/26/2025	Head	2600	2600	40.33	39.01	3.38%	1.89	1.96	-3.58%	6/26/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.260	52.600	55.400	-5.05%	2.410	24.100	24.900	-3.21%	
				2495	40.48	39.14	3.42%	1.81	1.85	-1.98%													
				2690	40.17	38.90	3.27%	1.97	2.06	-4.54%													
SARA	6/30/2025	Head	2300	2300	40.87	39.47	3.54%	1.64	1.66	-1.37%	6/30/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.300	45.891	48.700	-5.77%	1.120	22.347	23.800	-6.11%	
				2350	40.81	39.38	3.62%	1.68	1.71	-1.50%													
				2400	40.72	39.30	3.62%	1.72	1.75	-1.81%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SARA	6/30/2025	Head	2600	2600	40.37	39.01	3.48%	1.89	1.96	-3.88%	6/30/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.550	50.879	55.400	-8.16%	1.160	23.145	24.900	-7.05%	
				2495	40.57	39.14	3.64%	1.79	1.85	-3.01%													
				2690	40.17	38.90	3.27%	1.95	2.06	-5.12%													
SARA	7/3/2025	Head	2300	2300	40.72	39.47	3.16%	1.62	1.66	-2.75%	7/3/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.370	47.288	48.700	-2.90%	1.160	23.145	23.800	-2.75%	
				2350	40.70	39.38	3.34%	1.66	1.71	-2.97%													
				2400	40.61	39.30	3.34%	1.69	1.75	-3.35%													
SARA	7/3/2025	Head	2600	2600	40.35	39.01	3.43%	1.86	1.96	-5.26%	7/3/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.540	50.680	55.400	-8.52%	1.170	23.345	24.900	-6.25%	
				2495	40.49	39.14	3.44%	1.77	1.85	-4.25%													
				2690	40.21	38.90	3.37%	1.94	2.06	-5.95%													
SARA	7/7/2025	Head	2300	2300	39.08	39.47	-0.99%	1.70	1.66	2.24%	7/7/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.510	50.081	48.700	2.84%	1.230	24.542	23.800	3.12%	
				2350	39.04	39.38	-0.88%	1.75	1.71	2.36%													
				2400	39.89	39.30	1.51%	1.78	1.75	1.79%													
SARA	7/7/2025	Head	2600	2600	38.44	39.01	-1.46%	1.95	1.96	-0.82%	7/7/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.730	54.471	55.400	-1.68%	1.260	25.140	24.900	0.97%	
				2495	38.67	39.14	-1.21%	1.86	1.85	0.61%													
				2690	38.27	38.90	-1.61%	2.02	2.06	-1.82%													
SARA	7/11/2025	Head	2300	2300	40.26	39.47	1.99%	1.63	1.66	-1.85%	7/11/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.290	45.692	48.700	-6.18%	1.120	22.347	23.800	-6.11%	
				2350	40.22	39.38	2.12%	1.67	1.71	-2.03%													
				2400	40.12	39.30	2.10%	1.71	1.75	-2.38%													
SARA	7/11/2025	Head	2600	2600	39.77	39.01	1.95%	1.87	1.96	-4.95%	7/11/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.530	50.480	55.400	-8.88%	1.160	23.145	24.900	-7.05%	4
				2495	39.94	39.14	2.04%	1.78	1.85	-3.61%													
				2690	39.62	38.90	1.86%	1.94	2.06	-6.04%													
SARA	7/15/2025	Head	2300	2300	38.24	39.47	-3.12%	1.71	1.66	2.66%	7/15/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.480	49.483	48.700	1.61%	1.210	24.143	23.800	1.44%	
				2350	38.14	39.38	-3.16%	1.75	1.71	2.48%													
				2400	38.03	39.30	-3.22%	1.79	1.75	2.13%													
SARA	7/15/2025	Head	2600	2600	37.58	39.01	-3.67%	1.95	1.96	-0.52%	7/15/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.720	54.271	55.400	-2.04%	1.250	24.941	24.900	0.16%	
				2495	37.81	39.14	-3.41%	1.86	1.85	0.78%													
				2690	37.38	38.90	-3.90%	2.03	2.06	-1.62%													
SARA	7/19/2025	Head	2300	2300	40.18	39.47	1.79%	1.60	1.66	-3.65%	7/19/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.270	45.292	48.700	-7.00%	1.120	22.347	23.800	-6.11%	
				2350	40.09	39.38	1.79%	1.64	1.71	-3.96%													
				2400	40.02	39.30	1.84%	1.67	1.75	-4.43%													
SARA	7/19/2025	Head	2600	2600	39.75	39.01	1.89%	1.84	1.96	-6.33%	7/19/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.530	50.480	55.400	-8.88%	1.160	23.145	24.900	-7.05%	
				2495	39.90	39.14	1.93%	1.75	1.85	-5.55%													
				2690	39.59	38.90	1.78%	1.92	2.06	-7.01%													
SARA	7/22/2025	Head	2300	2300	40.17	39.47	1.77%	1.66	1.66	-0.22%	7/22/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.370	47.288	48.700	-2.90%	1.160	23.145	23.800	-2.75%	
				2350	40.05	39.38	1.69%	1.70	1.71	-0.45%													
				2400	39.97	39.30	1.71%	1.74	1.75	-0.66%													
SARA	7/22/2025	Head	2600	2600	39.63	39.01	1.59%	1.90	1.96	-3.06%	7/22/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.640	52.675	55.400	-4.92%	1.210	24.143	24.900	-3.04%	
				2495	39.80	39.14	1.68%	1.81	1.85	-2.09%													
				2690	39.50	38.90	1.55%	1.97	2.06	-4.34%													
SARA	7/24/2025	Head	2300	2300	39.55	39.47	0.20%	1.64	1.66	-1.73%	7/24/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.300	45.891	47.800	-3.99%	1.130	22.546	23.100	-2.40%	
				2350	39.45	39.38	0.17%	1.67	1.71	-2.15%													
				2400	39.40	39.30	0.26%	1.71	1.75	-2.55%													
SARA	7/24/2025	Head	2600	2600	39.11	39.01	0.25%	1.87	1.96	-4.49%	7/24/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.600	51.877	55.400	-6.36%	1.190	23.744	24.900	-4.64%	
				2495	39.26	39.14	0.30%	1.78	1.85	-3.66%													
				2690	38.96	38.90	0.16%	1.95	2.06	-5.27%													
SARA	7/28/2025	Head	2300	2300	40.62	39.47	2.91%	1.62	1.66	-2.39%	7/28/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.290	45.692	47.800	-4.41%	1.120	22.347	23.100	-3.26%	
				2350	40.54	39.38	2.93%	1.66	1.71	-2.68%													
				2400	40.43	39.30	2.88%	1.70	1.75	-2.83%													
SARA	7/28/2025	Head	2600	2600	40.13	39.01	2.87%	1.86	1.96	-5.31%	7/28/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.570	51.278	55.400	-7.44%	1.180	23.544	24.900	-5.45%	
				2495	40.27	39.14	2.88%	1.77	1.85	-4.25%													
				2690	40.01	38.90	2.86%	1.94	2.06	-5.95%													
SARA	8/1/2025	Head	2300	2300	39.98	39.47	1.29%	1.63	1.66	-1.79%	8/1/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.370	47.288	48.700	-2.90%	1.160	23.145	23.800	-2.75%	
				2350	39.89	39.38	1.28%	1.67	1.71	-2.15%													
				2400	39.84	39.30	1.38%	1.70	1.75	-2.72%													
SARA	8/1/2025	Head	2600	2600	39.56	39.01	1.41%	1.86	1.96	-5.26%	8/1/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.580	51.478	55.400	-7.08%	1.190	23.744	24.900	-4.64%	
				2495	39.70	39.14	1.42%	1.77	1.85	-4.04%													
				2690	39.42	38.90	1.34%	1.93	2.06	-6.33%													
SARA	8/5/2025	Head	2300	2300	40.52	39.47	2.65%	1.68	1.66	1.10%	8/5/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.490	49.682	48.700	2.02%	1.220	24.342	23.800	2.28%	
				2350	40.39	39.38	2.55%	1.72	1.71	0.90%													
				2400	40.33	39.30	2.63%	1.76	1.75	0.53%													
SARA	8/5/2025	Head	2600	2600	40.05	39.01	2.66%	1.92	1.96	-1.94%	8/5/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.630	52.475	55.400	-5.28%	1.210	24.143	24.900	-3.04%	
				2495	40.28	39.14	2.90%	1.83	1.85	-0.79%													
				2690	39.93	38.90	2.65%	2.00	2.06	-2.69%													
SARA	8/8/2025	Head	2300	2300	41.07	39.47	4.05%	1.61	1.66	-3.23%	8/8/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.290	45.692	47.800	-4.41%	1.120	22.347	23.100	-3.26%	
				2350	41.00	39.38	4.10%	1.65	1.71	-3.61%													
				2400	40.88	39.30	4.03%	1.69	1.75	-3.58%													
SARA	8/8/2025	Head	2600	2600	40.53	39.01	3.89%	1.85	1.96	-5.92%	8/8/2025	D2600V2 SN: 1006	10/13/2025	17.0	2.650	52.874	56.100	-5.75%	1.220	24.342	25.400	-4.16%	
				2495	40.70	39.14	3.98%	1.76	1.85	-5.01%													
				2690	40.38	38.90	3.81%	1.92	2.06	-6.72%													
SARA	8/11/2025	Head	2300	2300	41.58	39.47	5.34%	1.69	1.66	1.28%	8/11/2025	D2300V2 SN: 1058	4/10/2026	20.0	4.780	47.800	47.800	0.00%	2.300	23.000	23.100	-0.43%	
				2350	41.52	39.38	5.42%	1.72	1.71	0.78%													
				2400	41.44	39.30	5.45%	1.76	1.75	0.53%													
SARA	8/11/2025	Head	2600	2600	41.13	39.01	5.43%	1.92	1.96	-2.15%	8/11/2025	D2600V2 SN: 1006	10/13/2025	20.0	5.400	54.000	56.100	-3.74%	2.440	24.400	25.400	-3.94%	
				2495	41.28	39.14	5.46%	1.83	1.85	-1.06%													
				2690	40.97	38.90	5.33%	2.00	2.06	-3.13%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	
SAR C	8/4/2025	Head	2600	2600	36.12	39.01	-7.41%	1.92	1.96	-2.25%	8/4/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.760	55.069	55.400	-0.60%	1.260	25.140	24.900	0.97%	
				2495	36.30	39.14	-7.26%	1.84	1.85	-0.58%													
				2690	36.00	38.90	-7.45%	1.99	2.06	-3.37%													
SAR C	8/7/2025	Head	2300	2300	37.49	39.47	-5.02%	1.62	1.66	-2.69%	8/7/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.370	47.288	47.800	-1.07%	1.150	22.946	23.100	-0.67%	
				2350	37.43	39.38	-4.96%	1.65	1.71	-3.14%													
				2400	37.31	39.30	-5.06%	1.69	1.75	-3.29%													
SAR C	8/7/2025	Head	2600	2600	36.97	39.01	-5.23%	1.85	1.96	-5.97%	8/7/2025	D2600V2 SN: 1006	10/13/2025	17.0	2.560	51.079	56.100	-8.95%	1.170	23.345	25.400	-8.09%	12
				2495	37.14	39.14	-5.12%	1.76	1.85	-4.85%													
				2690	36.83	38.90	-5.31%	1.92	2.06	-6.92%													
SAR C	8/11/2025	Head	2600	2600	40.75	39.01	4.46%	1.84	1.96	-6.23%	8/11/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.240	52.400	55.400	-5.42%	2.390	23.900	24.900	-4.02%	
				2495	40.81	39.14	4.26%	1.74	1.85	-5.93%													
				2690	40.67	38.90	4.56%	1.92	2.06	-6.63%													
SAR C	8/11/2025	Head	2300	2300	41.03	39.47	3.95%	1.59	1.66	-4.55%	8/11/2025	D2300V2 SN: 1002	4/11/2026	20.0	4.820	48.200	48.700	-1.03%	2.330	23.300	23.800	-2.10%	
				2350	40.95	39.38	3.97%	1.63	1.71	-4.61%													
				2400	40.91	39.30	4.11%	1.66	1.75	-5.23%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SARD	6/26/2025	Head	2300	2300	41.65	39.47	5.52%	1.62	1.66	-2.51%	6/26/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.270	45.292	47.800	-5.25%	1.110	22.147	23.100	-4.12%	
				2350	41.57	39.38	5.55%	1.64	1.71	-3.91%													
				2400	41.44	39.30	5.45%	1.70	1.75	-3.18%													
SARD	6/26/2025	Head	2600	2600	41.27	39.01	5.79%	1.85	1.96	-5.77%	6/26/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.530	50.480	55.400	-8.88%	1.160	23.145	24.900	-7.05%	
				2495	41.31	39.14	5.54%	1.73	1.85	-6.20%													
				2690	41.08	38.90	5.61%	1.92	2.06	-6.82%													
SARD	6/30/2025	Head	2300	2300	39.34	39.47	-0.34%	1.64	1.66	-1.49%	6/30/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.260	45.093	47.800	-5.66%	1.100	21.948	23.100	-4.99%	
				2350	39.28	39.38	-0.27%	1.68	1.71	-1.56%													
				2400	39.21	39.30	-0.22%	1.71	1.75	-2.32%													
SARD	6/30/2025	Head	2600	2600	38.84	39.01	-0.44%	1.87	1.96	-4.54%	6/30/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.380	53.800	55.400	-2.89%	2.470	24.700	24.900	-0.80%	
				2495	39.05	39.14	-0.24%	1.79	1.85	-3.17%													
				2690	38.66	38.90	-0.61%	1.94	2.06	-5.90%													
SARD	7/3/2025	Head	2300	2300	40.40	39.47	2.35%	1.62	1.66	-2.69%	7/3/2025	D2300V2 SN: 1002	4/11/2026	20.0	4.720	47.200	48.700	-3.08%	2.320	23.200	23.800	-2.52%	
				2350	40.39	39.38	2.55%	1.66	1.71	-2.97%													
				2400	40.29	39.30	2.53%	1.69	1.75	-3.41%													
SARD	7/3/2025	Head	2600	2600	40.03	39.01	2.61%	1.86	1.96	-5.41%	7/3/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.190	51.900	55.400	-6.32%	2.390	23.900	24.900	-4.02%	
				2495	40.16	39.14	2.60%	1.77	1.85	-4.36%													
				2690	39.89	38.90	2.55%	1.93	2.06	-6.14%													
SARD	7/7/2025	Head	2300	2300	39.64	39.47	0.42%	1.62	1.66	-2.45%	7/7/2025	D2300V2 SN: 1002	4/11/2026	20.0	4.790	47.900	48.700	-1.64%	2.340	23.400	23.800	-1.68%	
				2350	39.60	39.38	0.55%	1.66	1.71	-2.68%													
				2400	39.52	39.30	0.57%	1.70	1.75	-2.89%													
SARD	7/7/2025	Head	2600	2600	39.15	39.01	0.36%	1.87	1.96	-4.90%	7/7/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.370	53.700	55.400	-3.07%	2.470	24.700	24.900	-0.80%	
				2495	39.34	39.14	0.50%	1.78	1.85	-3.88%													
				2690	38.98	38.90	0.21%	1.94	2.06	-5.85%													
SARD	7/11/2025	Head	2300	2300	39.37	39.47	-0.26%	1.62	1.66	-2.63%	7/11/2025	D2300V2 SN: 1002	4/11/2026	20.0	4.830	48.300	48.700	-0.82%	2.380	23.800	23.800	0.00%	
				2350	39.32	39.38	-0.16%	1.66	1.71	-2.91%													
				2400	39.23	39.30	-0.17%	1.69	1.75	-3.29%													
SARD	7/11/2025	Head	2600	2600	38.90	39.01	-0.28%	1.85	1.96	-5.82%	7/11/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.020	50.200	55.400	-9.39%	2.330	23.300	24.900	-6.43%	
				2495	39.05	39.14	-0.24%	1.76	1.85	-4.58%													
				2690	38.73	38.90	-0.43%	1.92	2.06	-6.77%													
SARD	7/15/2025	Head	2300	2300	41.69	39.47	5.62%	1.64	1.66	-1.43%	7/15/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.400	47.886	48.700	-1.67%	1.180	23.544	23.800	-1.08%	
				2350	41.63	39.38	5.70%	1.68	1.71	-1.62%													
				2400	41.56	39.30	5.76%	1.71	1.75	-2.38%													
SARD	7/15/2025	Head	2600	2600	41.26	39.01	5.77%	1.88	1.96	-4.19%	7/15/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.650	52.874	55.400	-4.56%	1.220	24.342	24.900	-2.24%	
				2495	41.43	39.14	5.84%	1.79	1.85	-3.17%													
				2690	41.09	38.90	5.64%	1.95	2.06	-5.31%													
SARD	7/19/2025	Head	2300	2300	40.93	39.47	3.69%	1.62	1.66	-2.45%	7/19/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.430	48.485	48.700	-0.44%	1.200	23.943	23.800	0.60%	
				2350	40.83	39.38	3.67%	1.66	1.71	-2.91%													
				2400	40.76	39.30	3.72%	1.69	1.75	-3.29%													
SARD	7/19/2025	Head	2600	2600	40.49	39.01	3.79%	1.86	1.96	-5.41%	7/19/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.680	53.473	55.400	-3.48%	1.240	24.741	24.900	-0.64%	
				2495	40.64	39.14	3.82%	1.76	1.85	-4.58%													
				2690	40.34	38.90	3.71%	1.93	2.06	-6.10%													
SARD	7/21/2025	Head	2300	2300	41.32	39.47	4.68%	1.67	1.66	0.26%	7/21/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.520	50.281	48.700	3.25%	1.250	24.941	23.800	4.79%	
				2350	41.22	39.38	4.66%	1.71	1.71	0.25%													
				2400	41.15	39.30	4.72%	1.75	1.75	-0.27%													
SARD	7/21/2025	Head	2600	2600	40.85	39.01	4.71%	1.91	1.96	-2.51%	7/21/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.780	55.468	55.400	0.12%	1.300	25.938	24.900	4.17%	
				2495	41.03	39.14	4.82%	1.82	1.85	-1.33%													
				2690	40.71	38.90	4.66%	1.99	2.06	-3.18%													
SARD	7/24/2025	Head	2300	2300	39.50	39.47	0.07%	1.63	1.66	-2.33%	7/24/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.430	48.485	48.700	-0.44%	1.200	23.943	23.800	0.60%	
				2350	39.39	39.38	0.01%	1.66	1.71	-3.00%													
				2400	39.33	39.30	0.08%	1.70	1.75	-3.12%													
SARD	7/24/2025	Head	2600	2600	39.06	39.01	0.13%	1.86	1.96	-5.10%	7/24/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.730	54.471	55.400	-1.68%	1.270	25.340	24.900	1.77%	
				2690	38.90	38.90	0.01%	1.94	2.06	-5.85%													
				2300	40.59	39.47	2.83%	1.65	1.66	-1.13%													
SARD	7/28/2025	Head	2300	2350	40.53	39.38	2.91%	1.69	1.71	-0.86%	7/28/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.490	49.682	48.700	2.02%	1.240	24.741	23.800	3.95%	
				2400	40.45	39.30	2.93%	1.72	1.75	-1.81%													
				2600	40.13	39.01	2.87%	1.88	1.96	-4.03%													
SARD	7/28/2025	Head	2600	2495	40.29	39.14	2.93%	1.80	1.85	-2.58%	7/28/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.760	55.069	55.400	-0.60%	1.290	25.739	24.900	3.37%	
				2690	40.01	38.90	2.86%	1.96	2.06	-5.02%													
				2300	39.62	39.47	0.37%	1.64	1.66	-1.25%													
SARD	8/1/2025	Head	2300	2350	39.52	39.38	0.34%	1.68	1.71	-1.62%	8/1/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.530	50.480	47.800	5.61%	1.250	24.941	23.100	7.97%	
				2400	39.46	39.30	0.42%	1.71	1.75	-2.21%													
				2600	39.11	39.01	0.25%	1.87	1.96	-4.95%													
SARD	8/1/2025	Head	2600	2495	39.28	39.14	0.35%	1.78	1.85	-3.61%	8/1/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.770	55.269	55.400	-0.24%	1.290	25.739	24.900	3.37%	
				2690	38.94	38.90	0.11%	1.93	2.06	-6.14%													
				2300	37.42	39.47	-5.20%	1.63	1.66	-1.91%													
SARD	8/4/2025	Head	2300	2350	37.31	39.38	-5.27%	1.68	1.71	-1.62%	8/5/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.540	50.680	48.700	4.07%	1.270	25.340	23.800	6.47%	
				2400	37.29	39.30	-5.11%	1.70	1.75	-2.72%													
				2600	36.91	39.01	-5.39%	1.86	1.96	-5.26%													
SARD	8/4/2025	Head	2600	2495	37.10	39.14	-5.22%	1.79	1.85	-3.39%	8/5/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.820	56.266	55.400	1.56%	1.330	26.537	24.900	6.57%	
				2690	36.79	38.90	-5.42%	1.93	2.06	-6.10%													
				2300	41.05	39.47	4.00%	1.62	1.66	-2.63%													
SARD	8/8/2025	Head	2300	2350	41.02	39.38	4.15%	1.66	1.71	-2.73%	8/9/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.530	50.480	48.700	3.66%	1.270	25.340	23.800	6.47%	
				2400	40.96	39.30	4.23%	1.70	1.75	-2.95%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	
SARD	8/11/2025	Head	2300	2300	39.17	39.47	-0.77%	1.64	1.66	-1.61%	8/11/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.480	49.483	48.700	1.61%	1.230	24.542	23.800	3.12%	
				2350	39.35	39.38	-0.09%	1.73	1.71	1.25%													
				2400	39.15	39.30	-0.37%	1.68	1.75	-4.20%													
SARD	8/11/2025	Head	2600	2600	38.49	39.01	-1.34%	1.89	1.96	-3.73%	8/11/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.830	56.466	55.400	1.92%	1.310	26.138	24.900	4.97%	
				2495	38.98	39.14	-0.42%	1.85	1.85	0.29%													
				2690	38.54	38.90	-0.92%	1.90	2.06	-7.74%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SARE	7/3/2025	Head	3500	3500	40.69	37.93	7.28%	2.70	2.91	-7.44%	7/3/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.130	61.300	65.700	-6.70%	2.400	24.000	24.900	-3.61%	
				3400	40.84	38.04	7.35%	2.60	2.81	-7.34%													
				3600	40.53	37.82	7.18%	2.79	3.01	-7.46%													
SARE	7/3/2025	Head	3700	3700	40.38	37.70	7.10%	2.88	3.12	-7.45%	7/3/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.160	61.600	67.800	-9.14%	2.340	23.400	25.100	-6.77%	
				3600	40.53	37.82	7.18%	2.79	3.01	-7.46%													
				3800	40.22	37.59	7.00%	2.98	3.22	-7.38%													
SARE	7/3/2025	Head	3900	3900	40.08	37.47	6.96%	3.09	3.32	-7.10%	7/3/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.350	63.500	69.300	-8.37%	2.280	22.800	24.100	-5.39%	
				3800	40.22	37.59	7.00%	2.98	3.22	-7.38%													
				4000	39.93	37.36	6.88%	3.19	3.42	-6.81%													
SARE	7/7/2025	Head	3500	3500	39.25	37.93	3.48%	2.69	2.91	-7.68%	7/8/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.230	62.300	65.700	-5.18%	2.440	24.400	24.900	-2.01%	
				3400	39.43	38.04	3.64%	2.60	2.81	-7.48%													
				3600	39.09	37.82	3.37%	2.78	3.01	-7.76%													
SARE	7/7/2025	Head	3700	3700	38.92	37.70	3.23%	2.87	3.12	-7.84%	7/7/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.210	62.100	67.800	-8.41%	2.360	23.600	25.100	-5.98%	
				3600	39.09	37.82	3.37%	2.78	3.01	-7.76%													
				3800	38.77	37.59	3.15%	2.97	3.22	-7.72%													
SARE	7/7/2025	Head	3900	3900	38.61	37.47	3.03%	3.07	3.32	-7.46%	7/8/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.720	67.200	69.300	-3.03%	2.410	24.100	24.100	0.00%	
				3800	38.77	37.59	3.15%	2.97	3.22	-7.72%													
				4000	38.45	37.36	2.92%	3.18	3.42	-7.19%													
SARE	7/7/2025	Head	2300	2300	41.44	39.47	4.98%	1.65	1.66	-0.65%	7/9/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.400	47.886	48.700	-1.67%	1.180	23.544	23.800	-1.08%	
				2350	41.40	39.38	5.12%	1.69	1.71	-0.86%													
				2400	41.32	39.30	5.15%	1.73	1.75	-1.06%													
SARE	7/7/2025	Head	2600	2600	40.95	39.01	4.97%	1.90	1.96	-3.02%	7/9/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.610	52.076	55.400	-6.00%	1.200	23.943	24.900	-3.84%	
				2495	41.15	39.14	5.13%	1.81	1.85	-2.09%													
				2690	40.78	38.90	4.84%	1.98	2.06	-3.91%													
SARE	7/12/2025	Head	2300	2300	40.45	39.47	2.48%	1.67	1.66	0.20%	7/12/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.330	46.490	48.700	-4.54%	1.140	22.746	23.800	-4.43%	
				2350	40.40	39.38	2.58%	1.71	1.71	-0.04%													
				2400	40.30	39.30	2.55%	1.74	1.75	-0.49%													
SARE	7/12/2025	Head	2600	2600	39.95	39.01	2.41%	1.90	1.96	-3.37%	7/12/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.560	51.079	55.400	-7.80%	1.170	23.345	24.900	-6.25%	19
				2495	40.11	39.14	2.47%	1.81	1.85	-1.93%													
				2690	39.80	38.90	2.32%	1.96	2.06	-4.68%													
SARE	7/12/2025	Head	3500	3500	40.52	37.93	6.83%	2.70	2.91	-7.30%	7/12/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.270	62.700	65.700	-4.57%	2.480	24.800	24.900	-0.40%	
				3400	40.68	38.04	6.93%	2.61	2.81	-7.13%													
				3600	40.36	37.82	6.73%	2.79	3.01	-7.43%													
SARE	7/12/2025	Head	3700	3700	40.20	37.70	6.63%	2.88	3.12	-7.52%	7/12/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.210	62.100	67.800	-8.41%	2.350	23.500	25.100	-6.37%	
				3600	40.36	37.82	6.73%	2.79	3.01	-7.43%													
				3800	40.05	37.59	6.55%	2.98	3.22	-7.44%													
SARE	7/16/2025	Head	3500	3500	40.75	37.93	7.44%	2.69	2.91	-7.64%	7/16/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.000	60.000	65.700	-8.68%	2.360	23.600	24.900	-5.22%	
				3400	40.92	38.04	7.56%	2.59	2.81	-7.66%													
				3600	40.62	37.82	7.42%	2.78	3.01	-7.86%													
SARE	7/16/2025	Head	3700	3700	40.47	37.70	7.34%	2.87	3.12	-7.90%	7/16/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.170	61.700	67.800	-9.00%	2.340	23.400	25.100	-6.77%	
				3600	40.62	37.82	7.42%	2.78	3.01	-7.76%													
				3800	40.34	37.59	7.32%	2.97	3.22	-7.63%													
SARE	7/16/2025	Head	2300	2300	42.82	39.47	8.48%	1.66	1.66	-0.10%	7/16/2025	D2300V2 SN: 1002	4/11/2026	20.0	4.930	49.300	48.700	1.23%	2.420	24.200	23.800	1.68%	
				2350	42.77	39.38	8.60%	1.70	1.71	-0.22%													
				2400	42.69	39.30	8.64%	1.74	1.75	-0.89%													
SARE	7/16/2025	Head	2600	2600	42.36	39.01	8.59%	1.90	1.96	-3.12%	7/16/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.200	52.000	55.400	-6.14%	2.380	23.800	24.900	-4.42%	
				2495	42.54	39.14	8.68%	1.81	1.85	-1.87%													
				2690	42.20	38.90	8.49%	1.97	2.06	-4.15%													
SARE	7/19/2025	Head	2300	2300	41.56	39.47	5.29%	1.64	1.66	-1.43%	7/19/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.370	47.288	48.700	-2.90%	1.160	23.145	23.800	-2.75%	
				2350	41.51	39.38	5.40%	1.68	1.71	-1.74%													
				2400	41.48	39.30	5.56%	1.72	1.75	-1.98%													
SARE	7/19/2025	Head	2600	2600	41.14	39.01	5.46%	1.89	1.96	-3.88%	7/19/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.560	51.079	55.400	-7.80%	1.180	23.544	24.900	-5.45%	
				2495	41.34	39.14	5.61%	1.79	1.85	-3.17%													
				2690	40.95	38.90	5.28%	1.96	2.06	-4.93%													
SARE	7/19/2025	Head	3500	3500	39.69	37.93	4.64%	2.63	2.91	-9.64%	7/19/2025	D3500V2 SN: 1060	2/7/2026	20.0	5.930	59.300	65.700	-9.74%	2.340	23.400	24.900	-6.02%	20
				3400	39.83	38.04	4.70%	2.54	2.81	-9.44%													
				3600	39.55	37.82	4.59%	2.72	3.01	-9.72%													
SARE	7/19/2025	Head	3700	3700	39.39	37.70	4.48%	2.81	3.12	-9.76%	7/19/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.150	61.500	67.800	-9.29%	2.340	23.400	25.100	-6.77%	
				3600	39.55	37.82	4.59%	2.72	3.01	-9.72%													
				3800	39.24	37.59	4.40%	2.90	3.22	-9.80%													
SARE	7/22/2025	Head	2300	2300	41.03	39.47	3.95%	1.70	1.66	2.12%	7/22/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.390	47.687	48.700	-2.08%	1.170	23.345	23.800	-1.91%	
				2350	40.91	39.38	3.87%	1.73	1.71	1.21%													
				2400	40.83	39.30	3.90%	1.77	1.75	1.28%													
SARE	7/22/2025	Head	2600	2600	40.49	39.01	3.79%	1.93	1.96	-1.49%	7/22/2025	D2600V2 SN: 1036	4/11/2026	20.0	2.620	52.276	55.400	-5.64%	1.200	23.943	24.900	-3.84%	
				2495	40.66	39.14	3.87%	1.85	1.85	-0.14%													
				2690	40.36	38.90	3.76%	2.01	2.06	-2.55%													
SARE	7/22/2025	Head	3500	3500	39.00	37.93	2.82%	2.75	2.91	-5.48%	7/22/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.080	60.800	65.700	-7.46%	2.380	23.800	24.900	-4.42%	
				3400	39.19	38.04	3.01%	2.66	2.81	-5.42%													
				3600	38.80	37.82	2.60%	2.85	3.01	-5.57%													
SARE	7/22/2025	Head	3700	3700	38.63	37.70	2.46%	2.94	3.12	-5.56%	7/22/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.140	61.400	67.800	-9.44%	2.370	23.700	25.100	-5.58%	
				3600	38.80	37.82	2.60%	2.85	3.01	-5.57%													
				3800	38.45	37.59	2.30%	3.04	3.22	-5.64%													
SARE	7/25/2025	Head	2300	2300	41.16	39.47	4.28%	1.66	1.66	-0.40%	7/25/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.480	49.483	48.700	1.61%	1.220	24.342	23.800	2.28%	
				2350	41.06	39.38	4.25%	1.70	1.71	-0.74%													
				2400	41.00	39.30	4.33%	1.73	1.75	-1.18%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR F	6/30/2025	Head	3900	3900	40.82	37.47	8.93%	3.15	3.32	-5.21%	7/1/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.450	64.500	69.300	-6.93%	2.300	23.000	24.100	-4.56%	
				3800	41.05	37.59	9.21%	3.05	3.22	-5.24%													
				4000	40.80	37.36	9.21%	3.24	3.42	-5.23%													
SAR F	7/2/2025	Head	2450	2450	42.79	39.20	9.16%	1.69	1.80	-6.17%	7/2/2025	D2450V2 SN: 706	1/20/2026	20.0	4.860	48.600	52.300	-7.07%	2.320	23.200	24.500	-5.31%	
				2400	42.86	39.30	9.07%	1.65	1.75	-5.69%													
				2500	42.71	39.14	9.13%	1.73	1.85	-6.91%													
SAR F	7/2/2025	Head	13	13	56.51	55.00	2.75%	0.70	0.75	-6.27%	7/2/2025	CLA13 SN: 1008	1/12/2026	30.0	0.538	0.538	0.544	-1.10%	0.333	0.333	0.338	-1.48%	
				12	56.66	55.00	3.02%	0.70	0.75	-6.27%													
				14	56.45	55.00	2.64%	0.70	0.75	-6.27%													
SAR F	7/5/2025	Head	3500	3500	41.20	37.93	8.62%	2.65	2.91	-9.05%	7/5/2025	D3500V2 SN: 1011	4/17/2026	20.0	6.020	60.200	65.600	-8.23%	2.350	23.500	24.700	-4.86%	
				3400	41.33	38.04	8.64%	2.55	2.81	-9.26%													
				3600	41.04	37.82	8.53%	2.74	3.01	-9.09%													
SAR F	7/5/2025	Head	3700	3700	40.89	37.70	8.46%	2.84	3.12	-9.02%	7/5/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.130	61.300	67.800	-9.59%	2.310	23.100	25.100	-7.97%	
				3600	41.04	37.82	8.53%	2.74	3.01	-9.09%													
				3800	40.75	37.59	8.41%	2.95	3.22	-8.50%													
SAR F	7/5/2025	Head	3900	3900	40.58	37.47	8.29%	3.05	3.32	-8.22%	7/5/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.180	63.449	69.300	-8.44%	1.130	22.546	24.100	-6.45%	
				3800	40.75	37.59	8.41%	2.95	3.22	-8.50%													
				4000	40.44	37.36	8.25%	3.14	3.42	-8.18%													
SAR F	7/5/2025	Head	2450	2450	42.92	39.20	9.49%	1.72	1.80	-4.28%	7/8/2025	D2450V2 SN: 706	1/20/2026	17.0	2.440	48.684	52.300	-6.91%	1.170	23.345	24.500	-4.72%	
				2400	43.02	39.30	9.47%	1.68	1.75	-4.32%													
				2500	41.85	39.14	6.93%	1.77	1.85	-4.80%													
SAR F	7/8/2025	Head	3500	3500	39.74	37.93	4.77%	2.66	2.91	-8.61%	7/9/2025	D3500V2 SN: 1011	4/17/2026	17.0	3.050	60.856	65.600	-7.23%	1.190	23.744	24.700	-3.87%	
				3400	39.92	38.04	4.93%	2.57	2.81	-8.41%													
				3600	39.59	37.82	4.69%	2.75	3.01	-8.82%													
SAR F	7/8/2025	Head	3700	3700	39.41	37.70	4.53%	2.84	3.12	-8.86%	7/9/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.070	61.255	67.800	-9.65%	1.160	23.145	25.100	-7.79%	28
				3600	39.59	37.82	4.69%	2.75	3.01	-8.76%													
				3800	39.25	37.59	4.42%	2.93	3.22	-8.87%													
SAR F	7/8/2025	Head	3900	3900	39.07	37.47	4.26%	3.03	3.32	-8.88%	7/9/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.140	62.651	69.300	-9.59%	1.130	22.546	24.100	-6.45%	29
				3800	39.25	37.59	4.42%	2.93	3.22	-9.96%													
				4000	38.92	37.36	4.18%	3.12	3.42	-8.83%													
SAR F	7/8/2025	Head	2450	2450	41.69	39.20	6.35%	1.77	1.80	-1.89%	7/9/2025	D2450V2 SN: 748	2/8/2026	17.0	2.540	50.680	51.700	-1.97%	1.210	24.143	24.200	-0.24%	30
				2400	41.78	39.30	6.32%	1.73	1.75	-1.52%													
				2500	41.60	39.14	6.29%	1.80	1.85	-2.81%													
SAR F	7/13/2025	Head	3500	3500	39.84	37.93	5.04%	2.72	2.91	-6.51%	7/13/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.120	62.252	65.700	-5.25%	1.220	24.342	24.900	-2.24%	
				3400	40.03	38.04	5.22%	2.62	2.81	-6.63%													
				3600	39.67	37.82	4.90%	2.81	3.01	-6.73%													
SAR F	7/13/2025	Head	3700	3700	39.49	37.70	4.74%	2.91	3.12	-6.65%	7/13/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.350	66.841	67.800	-1.41%	1.260	25.140	25.100	0.16%	
				3600	39.67	37.82	4.90%	2.81	3.01	-6.73%													
				3800	39.34	37.59	4.66%	3.01	3.22	-6.45%													
SAR F	7/13/2025	Head	3900	3900	39.16	37.47	4.50%	3.11	3.32	-6.26%	7/13/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.350	66.841	69.300	-3.55%	1.200	23.943	24.100	-0.65%	
				3800	39.34	37.59	4.66%	3.01	3.22	-6.45%													
				4000	38.98	37.36	4.34%	3.21	3.42	-6.17%													
SAR F	7/13/2025	Head	2450	2450	41.80	39.20	6.63%	1.78	1.80	-1.39%	7/13/2025	D2450V2 SN: 748	2/8/2026	17.0	2.640	52.675	51.700	1.89%	1.260	25.140	24.200	3.89%	
				2400	41.90	39.30	6.62%	1.73	1.75	-1.29%													
				2500	41.72	39.14	6.60%	1.82	1.85	-2.05%													
SAR F	7/17/2025	Head	3700	3700	41.05	37.70	8.88%	2.87	3.12	-7.93%	7/17/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.300	63.000	67.800	-7.08%	2.380	23.800	25.100	-5.18%	
				3600	41.22	37.82	9.00%	2.77	3.01	-8.06%													
				3800	40.89	37.59	8.79%	2.97	3.22	-7.78%													
SAR F	7/17/2025	Head	3900	3900	40.74	37.47	8.72%	3.07	3.32	-7.46%	7/17/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.370	63.700	69.300	-8.08%	2.280	22.800	24.100	-5.39%	
				3800	40.89	37.59	8.79%	2.97	3.22	-7.78%													
				4000	40.60	37.36	8.67%	3.18	3.42	-7.07%													
SAR F	7/17/2025	Head	3500	3500	41.37	37.93	9.07%	2.68	2.91	-8.13%	7/18/2025	D3500V2 SN: 1011	4/17/2026	17.0	3.070	61.255	65.600	-6.62%	1.190	23.744	24.700	-3.87%	
				3400	41.52	38.04	9.14%	2.58	2.81	-8.05%													
				3600	41.22	37.82	9.00%	2.77	3.01	-8.06%													
SAR F	7/20/2025	Head	2450	2450	41.86	39.20	6.79%	1.76	1.80	-2.33%	7/20/2025	D2450V2 SN: 748	2/8/2026	17.0	2.610	52.076	51.700	0.73%	1.250	24.941	24.200	3.06%	
				2400	41.94	39.30	6.73%	1.72	1.75	-1.98%													
				2500	41.78	39.14	6.75%	1.80	1.85	-3.13%													
SAR F	7/20/2025	Head	3500	3500	39.95	37.93	5.33%	2.67	2.91	-8.47%	7/20/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.010	60.057	65.700	-8.59%	1.170	23.345	24.900	-6.25%	
				3400	40.12	38.04	5.46%	2.58	2.81	-8.27%													
				3600	39.78	37.82	5.19%	2.76	3.01	-8.56%													
SAR F	7/20/2025	Head	3700	3700	39.61	37.70	5.06%	2.85	3.12	-8.64%	7/20/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.140	62.651	67.800	-7.59%	1.180	23.544	25.100	-6.20%	
				3600	39.78	37.82	5.19%	2.76	3.01	-8.56%													
				3800	39.45	37.59	4.96%	2.94	3.22	-8.59%													
SAR F	7/20/2025	Head	3900	3900	39.29	37.47	4.85%	3.04	3.32	-8.40%	7/20/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.140	62.651	69.300	-9.59%	1.120	22.347	24.100	-7.27%	
				3800	39.45	37.59	4.96%	2.94	3.22	-8.59%													
				4000	39.13	37.36	4.74%	3.14	3.42	-8.21%													
SAR F	7/24/2025	Head	3500	3500	38.18	37.93	0.66%	2.73	2.91	-6.13%	7/24/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.050	60.856	65.700	-7.37%	1.200	23.943	24.900	-3.84%	
				3400	38.38	38.04	0.88%	2.61	2.81	-7.13%													
				3600	37.96	37.82	0.38%	2.82	3.01	-6.57%													
SAR F	7/24/2025	Head	3700	3700	37.80	37.70	0.26%	2.91	3.12	-6.65%	7/24/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.190	63.649	67.800	-6.12%	1.190	23.744	25.100	-5.40%	
				3600	37.96	37.82	0.38%	2.82	3.01	-6.57%													
				3800	37.59	37.59	0.01%	3.01	3.22	-6.36%													
SAR F	7/24/2025	Head	3900	3900	37.39	37.47	-0.22%	3.10	3.32	-6.77%	7/24/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.260	65.046	69.300	-6.14%	1.180	23.544	24.100	-2.31%	
				3800	37.59	37.59	0.01%	3.01	3.22	-6.36%													
				4000	37.26	37.36	-0.27%	3.17	3.42	-7.40%													

Liquid Check											System Check												
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR F	7/24/2025	Head	2450	2450	39.84	39.20	1.63%	1.68	1.80	-6.56%	7/24/2025	D2450V2 SN: 706	1/20/2026	17.0	2.430	48.485	52.300	-7.29%	1.170	23.345	24.500	-4.72%	31
				2400	39.87	39.30	1.46%	1.65	1.75	-6.03%													
				2500	39.73	39.14	1.52%	1.72	1.85	-7.39%													
SAR F	7/28/2025	Head	2450	2450	42.60	39.20	8.67%	1.75	1.80	-2.94%	7/28/2025	D2450V2 SN: 748	2/8/2026	20.0	5.170	51.700	51.700	0.00%	2.490	24.900	24.200	2.89%	
				2400	42.68	39.30	8.61%	1.71	1.75	-2.61%													
				2500	42.53	39.14	8.67%	1.78	1.85	-3.89%													
SAR F	7/28/2025	Head	3500	3500	40.89	37.93	7.81%	2.66	2.91	-8.71%	7/28/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.030	60.300	65.700	-8.22%	2.390	23.900	24.900	-4.02%	
				3400	41.09	38.04	8.01%	2.56	2.81	-8.73%													
				3600	40.70	37.82	7.63%	2.75	3.01	-8.86%													
SAR F	7/28/2025	Head	3700	3700	40.63	37.70	7.77%	2.85	3.12	-8.67%	7/28/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.410	64.100	67.800	-5.46%	2.460	24.600	25.100	-1.99%	
				3600	40.70	37.82	7.63%	2.75	3.01	-8.86%													
				3800	40.41	37.59	7.51%	2.94	3.22	-8.69%													
SAR F	7/28/2025	Head	3900	3900	40.29	37.47	7.52%	3.04	3.32	-8.43%	7/28/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.380	63.800	69.300	-7.94%	2.320	23.200	24.100	-3.73%	
				3800	40.41	37.59	7.51%	2.94	3.22	-8.69%													
				4000	40.15	37.36	7.47%	3.14	3.42	-8.42%													
SAR F	8/1/2025	Head	2450	2450	42.98	39.20	9.64%	1.76	1.80	-2.44%	8/1/2025	D2450V2 SN: 748	2/8/2026	17.0	2.580	51.478	51.700	-0.43%	1.250	24.941	24.200	3.06%	
				2400	43.15	39.30	9.81%	1.71	1.75	-2.43%													
				2500	43.00	39.14	9.87%	1.80	1.85	-2.97%													
SAR F	8/1/2025	Head	3500	3500	41.28	37.93	8.83%	2.65	2.91	-8.88%	8/1/2025	D3500V2 SN: 1011	4/17/2026	17.0	3.120	62.252	65.600	-5.10%	1.230	24.542	24.700	-0.64%	
				3400	41.45	38.04	8.95%	2.55	2.81	-9.23%													
				3600	41.15	37.82	8.82%	2.73	3.01	-9.42%													
SAR F	8/1/2025	Head	3700	3700	41.00	37.70	8.75%	2.82	3.12	-9.60%	8/1/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.240	64.646	67.800	-4.65%	1.240	24.741	25.100	-1.43%	
				3600	41.15	37.82	8.82%	2.73	3.01	-9.42%													
				3800	40.93	37.59	8.89%	2.93	3.22	-9.12%													
SAR F	8/1/2025	Head	3900	3900	40.74	37.47	8.72%	3.02	3.32	-8.94%	8/1/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.440	68.637	69.300	-0.96%	1.250	24.941	24.100	3.49%	
				3800	40.93	37.59	8.89%	2.93	3.22	-9.12%													
				4000	40.62	37.36	8.73%	3.11	3.42	-9.18%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SARG	5/12/2025	Head	3500	3500	36.65	37.93	-3.37%	2.64	2.91	-9.43%	5/14/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.470	64.700	65.700	-1.52%	2.530	25.300	24.900	1.61%	
				3400	36.80	38.04	-3.27%	2.56	2.81	-9.02%													
				3600	36.52	37.82	-3.43%	2.73	3.01	-9.42%													
SARG	5/12/2025	Head	3700	3700	36.30	37.70	-3.72%	2.83	3.12	-9.18%	5/14/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.200	63.848	67.800	-5.83%	1.200	23.943	25.100	-4.61%	
				3600	36.50	37.82	-3.48%	2.73	3.01	-9.42%													
				3800	36.10	37.59	-3.96%	2.93	3.22	-8.96%													
SARG	5/12/2025	Head	3900	3900	35.90	37.47	-4.20%	3.03	3.32	-8.76%	5/14/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.440	64.400	69.300	-7.07%	2.330	23.300	24.100	-3.32%	
				3800	36.10	37.59	-3.96%	2.93	3.22	-8.96%													
				4000	35.80	37.36	-4.17%	3.13	3.42	-8.56%													
SARG	5/15/2025	Head	3500	3500	37.12	37.93	-2.13%	2.72	2.91	-6.75%	5/15/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.100	61.853	65.700	-5.86%	1.200	23.943	24.900	-3.84%	
				3400	37.31	38.04	-1.93%	2.63	2.81	-6.31%													
				3600	36.94	37.82	-2.32%	2.80	3.01	-6.96%													
SARG	5/15/2025	Head	3700	3700	36.76	37.70	-2.50%	2.89	3.12	-7.13%	5/15/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.380	67.440	67.800	-0.53%	1.260	25.140	25.100	0.16%	
				3600	36.94	37.82	-2.32%	2.80	3.01	-6.96%													
				3800	36.59	37.59	-2.65%	2.99	3.22	-7.22%													
SARG	5/15/2025	Head	3900	3900	36.44	37.47	-2.76%	3.08	3.32	-7.28%	5/15/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.270	65.245	69.300	-5.85%	1.170	23.345	24.100	-3.13%	
				3800	36.59	37.59	-2.65%	2.99	3.22	-7.22%													
				4000	36.28	37.36	-2.89%	3.17	3.42	-7.31%													
SARG	5/19/2025	Head	3500	3500	36.32	37.93	-4.24%	2.70	2.91	-7.16%	5/19/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.170	61.700	65.700	-6.09%	2.380	23.800	24.900	-4.42%	
				3400	36.51	38.04	-4.03%	2.62	2.81	-6.70%													
				3600	36.15	37.82	-4.40%	2.79	3.01	-7.43%													
SARG	5/19/2025	Head	3700	3700	35.97	37.70	-4.59%	2.88	3.12	-7.74%	5/19/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.820	68.200	67.800	0.59%	2.550	25.500	25.100	1.59%	
				3600	36.15	37.82	-4.40%	2.79	3.01	-7.43%													
				3800	35.79	37.59	-4.78%	2.96	3.22	-7.94%													
SARG	5/19/2025	Head	3900	3900	35.63	37.47	-4.92%	3.05	3.32	-8.07%	5/19/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.290	62.900	69.300	-9.24%	2.230	22.300	24.100	-7.47%	
				4000	35.47	37.36	-5.06%	3.13	3.42	-8.56%													
				3500	36.34	37.93	-4.19%	2.71	2.91	-6.92%													
SARG	5/22/2025	Head	3500	3400	36.52	38.04	-4.01%	2.62	2.81	-6.74%	5/22/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.230	62.300	65.700	-5.18%	2.440	24.400	24.900	-2.01%	
				3600	36.16	37.82	-4.38%	2.80	3.01	-7.10%													
				3700	35.99	37.70	-4.54%	2.89	3.12	-7.26%													
SARG	5/22/2025	Head	3700	3600	36.16	37.82	-4.38%	2.80	3.01	-7.10%	5/23/2025	D3700V2 SN: 1039	4/11/2026	20.0	7.260	72.600	67.800	7.08%	2.710	27.100	25.100	7.97%	
				3800	35.83	37.59	-4.68%	2.99	3.22	-7.10%													
				3900	35.67	37.47	-4.81%	3.09	3.32	-6.95%													
SARG	5/22/2025	Head	3900	3800	35.83	37.59	-4.68%	2.99	3.22	-7.10%	5/23/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.570	65.700	69.300	-5.19%	2.340	23.400	24.100	-2.90%	
				4000	35.52	37.36	-4.92%	3.19	3.42	-6.81%													
				3500	38.72	37.93	2.08%	2.73	2.91	-6.34%													
SARG	5/27/2025	Head	3500	3400	38.83	38.04	2.07%	2.64	2.81	-6.10%	5/26/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.170	63.250	65.700	-3.73%	1.230	24.542	24.900	-1.44%	
				3600	38.57	37.82	2.00%	2.82	3.01	-6.40%													
				3700	38.43	37.70	1.93%	2.92	3.12	-6.17%													
SARG	5/27/2025	Head	3700	3600	38.57	37.82	2.00%	2.82	3.01	-6.40%	5/26/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.590	71.630	67.800	5.65%	1.350	26.936	25.100	7.31%	
				3800	38.20	37.59	1.63%	3.01	3.22	-6.39%													
				3900	37.98	37.47	1.35%	3.11	3.32	-6.35%													
SARG	5/27/2025	Head	3900	3800	38.20	37.59	1.63%	3.01	3.22	-6.39%	5/27/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.390	67.639	69.300	-2.40%	1.210	24.143	24.100	0.18%	
				4000	37.85	37.36	1.31%	3.21	3.42	-6.34%													
				3900	37.16	37.47	-0.84%	3.17	3.32	-4.42%													
SARG	5/29/2025	Head	3900	3800	37.32	37.59	-0.71%	3.07	3.22	-4.62%	5/29/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.600	71.829	69.300	3.65%	1.290	25.739	24.100	6.80%	
				4000	37.00	37.36	-0.96%	3.28	3.42	-4.18%													
				3500	37.81	37.93	-0.32%	2.77	2.91	-4.86%													
SARG	5/29/2025	Head	3500	3400	37.98	38.04	-0.17%	2.68	2.81	-4.64%	5/29/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.280	65.445	65.700	-0.39%	1.280	25.539	24.900	2.57%	
				3600	37.66	37.82	-0.41%	2.87	3.01	-4.77%													
				3700	37.50	37.70	-0.53%	2.97	3.12	-4.76%													
SARG	5/29/2025	Head	3700	3600	37.66	37.82	-0.41%	2.87	3.01	-4.87%	5/29/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.380	67.440	67.800	-0.53%	1.260	25.140	25.100	0.16%	
				3800	37.32	37.59	-0.71%	3.07	3.22	-4.62%													
				3500	38.65	37.93	1.90%	2.70	2.91	-7.27%													
SARG	6/2/2025	Head	3500	3400	38.85	38.04	2.12%	2.61	2.81	-7.09%	6/2/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.260	65.046	65.700	-1.00%	1.290	25.739	24.900	3.37%	
				3600	38.54	37.82	1.92%	2.79	3.01	-7.43%													
				3700	38.36	37.70	1.75%	2.88	3.12	-7.58%													
SARG	6/2/2025	Head	3700	3600	38.54	37.82	1.92%	2.79	3.01	-7.43%	6/3/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.510	70.034	67.800	3.29%	1.340	26.737	25.100	6.52%	
				3800	38.20	37.59	1.63%	2.97	3.22	-7.72%													
				3900	38.05	37.47	1.54%	3.07	3.32	-7.55%													
SARG	6/2/2025	Head	3900	3800	38.20	37.59	1.63%	2.97	3.22	-7.72%	6/3/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.550	70.832	69.300	2.21%	1.300	25.938	24.100	7.63%	
				4000	37.88	37.36	1.39%	3.17	3.42	-7.40%													
				3500	37.93	37.93	0.00%	2.69	2.91	-7.64%													
SARG	6/5/2025	Head	3500	3400	38.10	38.04	0.15%	2.61	2.81	-7.09%	6/5/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.460	69.036	65.700	5.08%	1.360	27.136	24.900	8.98%	
				3600	37.76	37.82	-0.15%	2.78	3.01	-7.76%													
				3700	37.57	37.70	-0.35%	2.87	3.12	-7.90%													
SARG	6/5/2025	Head	3700	3600	37.76	37.82	-0.15%	2.78	3.01	-7.76%	6/5/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.570	65.700	67.800	-3.10%	2.510	25.100	25.100	0.00%	
				3800	37.42	37.59	-0.45%	2.96	3.22	-8.03%													
				3900	37.29	37.47	-0.49%	3.06	3.32	-7.86%													
SARG	6/5/2025	Head	3900	3800	37.42	37.59	-0.45%	2.96	3.22	-8.00%	6/6/2025	D3900V2 SN: 1102	10/24/2025	20.0	7.300	73.000	69.300	5.34%	2.640	26.400	24.100	9.54%	
				4000	37.10	37.36	-0.69%	3.16	3.42	-7.72%													
				3500	37.93	37.93	0.00%	2.69	2.91	-7.64%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR H	7/1/2025	Head	3700	3700	40.10	37.70	6.36%	2.90	3.12	-6.94%	6/30/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.360	63.600	67.800	-6.19%	2.400	24.000	25.100	-4.38%	
				3600	40.22	37.82	6.36%	2.79	3.01	-7.33%													
				3800	39.94	37.59	6.26%	3.00	3.22	-6.67%													
SAR H	7/1/2025	Head	3900	3900	39.73	37.47	6.02%	3.10	3.32	-6.68%	6/30/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.380	63.800	69.300	-7.94%	2.280	22.800	24.100	-5.39%	
				3800	39.94	37.59	6.26%	3.00	3.22	-6.67%													
				4000	39.66	37.36	6.16%	3.20	3.42	-6.52%													
SAR H	7/4/2025	Head	3500	3500	41.13	37.93	8.44%	2.69	2.91	-7.61%	7/4/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.080	61.454	65.700	-6.46%	1.200	23.943	24.900	-3.84%	
				3400	41.28	38.04	8.51%	2.60	2.81	-7.41%													
				3600	40.99	37.82	8.39%	2.78	3.01	-7.73%													
SAR H	7/4/2025	Head	3700	3700	40.84	37.70	8.32%	2.88	3.12	-7.74%	7/4/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.130	62.452	67.800	-7.89%	1.180	23.544	25.100	-6.20%	
				3600	40.99	37.82	8.39%	2.78	3.01	-7.73%													
				3800	40.69	37.59	8.25%	2.97	3.22	-7.60%													
SAR H	7/4/2025	Head	3900	3900	40.54	37.47	8.18%	3.08	3.32	-7.37%	7/4/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.160	63.050	69.300	-9.02%	1.130	22.546	24.100	-6.45%	
				3800	40.69	37.59	8.25%	2.97	3.22	-7.60%													
				4000	40.40	37.36	8.14%	3.18	3.42	-7.16%													
SAR H	7/8/2025	Head	3500	3500	41.48	37.93	9.36%	2.71	2.91	-6.82%	7/8/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.010	60.057	65.700	-8.59%	1.180	23.544	24.900	-5.45%	
				3400	41.67	38.04	9.53%	2.62	2.81	-6.70%													
				3600	41.31	37.82	9.24%	2.81	3.01	-6.83%													
SAR H	7/8/2025	Head	3700	3700	41.15	37.70	9.15%	2.90	3.12	-6.84%	7/8/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.340	66.642	67.800	-1.71%	1.270	25.340	25.100	0.96%	
				3600	41.31	37.82	9.24%	2.81	3.01	-6.83%													
				3800	41.00	37.59	9.08%	3.01	3.22	-6.63%													
SAR H	7/8/2025	Head	3900	3900	40.85	37.47	9.01%	3.11	3.32	-6.29%	7/8/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.320	66.243	69.300	-4.41%	1.200	23.943	24.100	-0.65%	
				3800	41.00	37.59	9.08%	3.01	3.22	-6.63%													
				4000	40.69	37.36	8.92%	3.22	3.42	-5.94%													
SAR H	7/12/2025	Head	3500	3500	40.85	37.93	7.70%	2.71	2.91	-6.96%	7/12/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.160	63.050	65.700	-4.03%	1.250	24.941	24.900	0.16%	
				3400	41.02	38.04	7.82%	2.62	2.81	-6.81%													
				3600	40.70	37.82	7.63%	2.80	3.01	-7.06%													
SAR H	7/12/2025	Head	3700	3700	40.54	37.70	7.53%	2.90	3.12	-7.07%	7/12/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.170	63.250	67.800	-6.71%	1.220	24.342	25.100	-3.02%	
				3600	40.70	37.82	7.63%	2.80	3.01	-7.06%													
				3800	40.39	37.59	7.46%	2.99	3.22	-6.98%													
SAR H	7/12/2025	Head	3900	3900	40.24	37.47	7.38%	3.10	3.32	-6.77%	7/12/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.160	63.050	69.300	-9.02%	1.170	23.345	24.100	-3.13%	
				3800	40.39	37.59	7.46%	2.99	3.22	-6.98%													
				4000	40.09	37.36	7.31%	3.20	3.42	-6.52%													
SAR H	7/15/2025	Head	3500	3500	38.76	37.93	2.19%	2.78	2.91	-4.62%	7/15/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.440	68.637	65.700	4.47%	1.370	27.335	24.900	9.78%	
				3400	38.96	38.04	2.41%	2.68	2.81	-4.49%													
				3600	38.57	37.82	2.00%	2.86	3.01	-5.27%													
SAR H	7/15/2025	Head	3700	3700	38.39	37.70	1.83%	2.94	3.12	-5.72%	7/15/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.540	70.632	67.800	4.18%	1.360	27.136	25.100	8.11%	
				3600	38.57	37.82	2.00%	2.86	3.01	-5.27%													
				3800	38.23	37.59	1.71%	3.03	3.22	-5.76%													
SAR H	7/15/2025	Head	3900	3900	38.03	37.47	1.49%	3.12	3.32	-5.93%	7/15/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.430	68.437	69.300	-1.24%	1.260	25.140	24.100	4.32%	
				3800	38.23	37.59	1.71%	3.03	3.22	-5.76%													
				4000	37.86	37.36	1.34%	3.21	3.42	-6.29%													
SAR H	7/19/2025	Head	3500	3500	41.63	37.93	9.76%	2.66	2.91	-8.71%	7/19/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.020	60.257	65.700	-8.28%	1.180	23.544	24.900	-5.45%	
				3400	41.78	38.04	9.82%	2.57	2.81	-8.55%													
				3600	41.48	37.82	9.69%	2.75	3.01	-8.66%													
SAR H	7/19/2025	Head	3700	3700	41.32	37.70	9.60%	2.85	3.12	-8.67%	7/19/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.150	62.851	67.800	-7.30%	1.190	23.744	25.100	-5.40%	
				3600	41.48	37.82	9.69%	2.75	3.01	-8.66%													
				3800	41.17	37.59	9.53%	2.94	3.22	-8.59%													
SAR H	7/19/2025	Head	3900	3900	41.03	37.47	9.49%	3.05	3.32	-8.28%	7/19/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.130	62.452	69.300	-9.88%	1.130	22.546	24.100	-6.45%	
				3800	41.17	37.59	9.53%	2.94	3.22	-8.59%													
				4000	40.89	37.36	9.45%	3.15	3.42	-7.92%													
SAR H	7/21/2025	Head	3500	3500	41.25	37.93	8.75%	2.77	2.91	-5.03%	7/22/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.010	60.057	65.700	-8.59%	1.180	23.544	24.900	-5.45%	
				3400	41.43	38.04	8.90%	2.67	2.81	-4.96%													
				3600	41.02	37.82	8.47%	2.86	3.01	-5.04%													
SAR H	7/21/2025	Head	3700	3700	40.88	37.70	8.43%	2.96	3.12	-4.98%	7/22/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.200	63.848	67.800	-5.83%	1.210	24.143	25.100	-3.81%	
				3600	41.02	37.82	8.47%	2.86	3.01	-5.04%													
				3800	40.71	37.59	8.31%	3.06	3.22	-5.05%													
SAR H	7/21/2025	Head	3900	3900	40.57	37.47	8.26%	3.16	3.32	-4.81%	7/22/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.140	62.651	69.300	-9.59%	1.140	22.746	24.100	-5.62%	
				4000	40.43	37.36	8.22%	3.27	3.42	-4.59%													
				3500	41.50	37.93	9.41%	2.76	2.91	-5.14%													
SAR H	7/24/2025	Head	3500	3400	41.67	38.04	9.53%	2.67	2.81	-4.96%	7/24/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.450	64.500	65.700	-1.83%	2.520	25.200	24.900	1.20%	
				3600	41.35	37.82	9.35%	2.86	3.01	-5.11%													
				3700	41.20	37.70	9.28%	2.96	3.12	-5.01%													
SAR H	7/24/2025	Head	3700	3600	41.35	37.82	9.35%	2.86	3.01	-5.11%	7/24/2025	D3700V2 SN: 1039	4/11/2026	20.0	7.260	72.600	67.800	7.08%	2.750	27.500	25.100	9.56%	
				3800	41.06	37.59	9.24%	3.07	3.22	-4.77%													
				3900	40.92	37.47	9.20%	3.18	3.32	-4.24%													
SAR H	7/24/2025	Head	3900	3800	41.06	37.59	9.24%	3.07	3.22	-4.77%	7/24/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.750	67.500	69.300	-2.60%	2.430	24.300	24.100	0.83%	
				4000	40.76	37.36	9.10%	3.30	3.42	-3.66%													
				3500	39.10	37.93	3.09%	2.66	2.91	-8.64%													
SAR H	7/28/2025	Head	3500	3400	39.28	38.04	3.25%	2.57	2.81	-8.70%	7/28/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.460	64.600	65.700	-1.67%	2.550	25.500	24.900	2.41%	
				3600	38.96	37.82	3.03%	2.74	3.01	-9.05%													
				3700	38.82	37.70	2.97%	2.82	3.12	-9.38%													
SAR H	7/28/2025	Head	3700	3600	38.96	37.82	3.03%	2.74	3.01	-9.09%	7/28/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.630	66.300	67.800	-2.21%	2.530	25.300	25.100	0.80%	
				3800	38.69	37.59	2.93%	2.93	3.22	-9.03%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR H	7/28/2025	Head	3900	3900	38.54	37.47	2.85%	3.03	3.32	-8.76%	7/28/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.950	69.500	69.300	0.29%	2.520	25.200	24.100	4.56%	
				3800	38.69	37.59	2.93%	2.93	3.22	-9.03%													
				4000	38.39	37.36	2.76%	3.12	3.42	-8.74%													
SAR H	8/1/2025	Head	3500	3500	41.31	37.93	8.91%	2.71	2.91	-6.82%	8/1/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.480	64.800	65.700	-1.37%	2.550	25.500	24.900	2.41%	
				3400	41.52	38.04	9.14%	2.61	2.81	-7.24%													
				3600	41.16	37.82	8.84%	2.79	3.01	-7.33%													
SAR H	8/1/2025	Head	3700	3700	41.04	37.70	8.86%	2.87	3.12	-7.80%	8/1/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.500	65.000	67.800	-4.13%	2.470	24.700	25.100	-1.59%	
				3600	41.16	37.82	8.84%	2.79	3.01	-7.33%													
				3800	40.93	37.59	8.89%	2.98	3.22	-7.41%													
SAR H	8/1/2025	Head	3900	3900	40.73	37.47	8.69%	3.08	3.32	-7.13%	8/1/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.430	64.300	69.300	-7.22%	2.310	23.100	24.100	-4.15%	
				3800	40.93	37.59	8.89%	2.98	3.22	-7.41%													
				4000	40.59	37.36	8.65%	3.16	3.42	-7.57%													
SAR H	8/5/2025	Head	3500	3500	39.96	37.93	5.35%	3.01	2.91	3.45%	8/5/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.450	64.500	65.700	-1.83%	2.540	25.400	24.900	2.01%	
				3400	40.12	38.04	5.46%	2.91	2.81	3.48%													
				3600	39.81	37.82	5.27%	3.12	3.01	3.52%													
SAR H	8/5/2025	Head	3700	3700	39.65	37.70	5.17%	3.23	3.12	3.62%	8/5/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.910	69.100	67.800	1.92%	2.640	26.400	25.100	5.18%	
				3600	39.81	37.82	5.27%	3.12	3.01	3.52%													
				3800	39.48	37.59	5.04%	3.34	3.22	3.87%													
SAR H	8/5/2025	Head	3900	3900	39.32	37.47	4.93%	3.46	3.32	4.25%	8/5/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.570	65.700	69.300	-5.19%	2.380	23.800	24.100	-1.24%	
				3800	39.48	37.59	5.04%	3.34	3.22	3.77%													
				4000	39.16	37.36	4.82%	3.58	3.42	4.67%													
SAR H	8/7/2025	Head	3500	3500	41.50	37.93	9.41%	2.68	2.91	-7.95%	8/7/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.900	69.000	65.700	5.02%	2.720	27.200	24.900	9.24%	
				3400	41.69	38.04	9.58%	2.57	2.81	-8.45%													
				3600	41.33	37.82	9.29%	2.76	3.01	-8.46%													
SAR H	8/7/2025	Head	3700	3700	41.24	37.70	9.39%	2.84	3.12	-8.77%	8/7/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.640	66.400	67.800	-2.06%	2.540	25.400	25.100	1.20%	
				3600	41.33	37.82	9.29%	2.76	3.01	-8.46%													
				3800	41.08	37.59	9.29%	2.95	3.22	-8.37%													
SAR H	8/7/2025	Head	3900	3900	40.90	37.47	9.14%	3.05	3.32	-8.25%	8/7/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.430	64.300	69.300	-7.22%	2.330	23.300	24.100	-3.32%	
				3800	41.08	37.59	9.29%	2.95	3.22	-8.37%													
				4000	40.82	37.36	9.26%	3.13	3.42	-8.56%													
SAR H	8/11/2025	Head	3500	3500	39.55	37.93	4.27%	2.87	2.91	-1.57%	8/11/2025	D3500V2 SN: 1011	4/17/2026	20.0	6.610	66.100	65.600	0.76%	2.540	25.400	24.700	2.83%	
				3400	39.89	38.04	4.85%	2.73	2.81	-2.71%													
				3600	39.13	37.82	3.48%	2.92	3.01	-3.02%													
SAR H	8/11/2025	Head	3700	3700	39.06	37.70	3.60%	3.01	3.12	-3.44%	8/11/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.650	66.500	67.800	-1.92%	2.470	24.700	25.100	-1.59%	
				3600	39.13	37.82	3.48%	2.92	3.01	-3.02%													
				3800	38.85	37.59	3.36%	3.13	3.22	-2.88%													
SAR H	8/11/2025	Head	3900	3900	38.44	37.47	2.58%	3.18	3.32	-4.24%	8/11/2025	D3900V2 SN: 1102	10/24/2025	20.0	7.210	72.100	69.300	4.04%	2.540	25.400	24.100	5.39%	
				3800	38.85	37.59	3.36%	3.13	3.22	-2.88%													
				4000	38.49	37.36	3.03%	3.26	3.42	-4.65%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ε _r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR I	6/12/2025	Head	3900	3900	39.25	37.47	4.74%	3.10	3.32	-6.74%	6/12/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.480	64.800	69.300	-6.49%	2.300	23.000	24.100	-4.56%	
				3800	39.48	37.59	5.04%	3.00	3.22	-6.67%													
				4000	39.18	37.36	4.87%	3.19	3.42	-6.69%													
SAR I	6/16/2025	Head	3500	3500	41.63	37.93	9.76%	2.84	2.91	-2.60%	6/16/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.170	61.700	65.700	-6.09%	2.390	23.900	24.900	-4.02%	
				3400	41.82	38.04	9.93%	2.74	2.81	-2.47%													
				3600	41.48	37.82	9.69%	2.93	3.01	-2.65%													
SAR I	6/16/2025	Head	3700	3700	41.27	37.70	9.47%	3.03	3.12	-2.73%	6/16/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.190	63.649	67.800	-6.12%	1.190	23.744	25.100	-5.40%	
				3600	41.48	37.82	9.69%	2.93	3.01	-2.65%													
				3800	41.11	37.59	9.37%	3.14	3.22	-2.50%													
SAR I	6/16/2025	Head	3900	3900	40.92	37.47	9.20%	3.24	3.32	-2.34%	6/16/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.400	64.000	69.300	-7.65%	2.270	22.700	24.100	-5.81%	
				3800	41.11	37.59	9.37%	3.14	3.22	-2.50%													
				4000	40.79	37.36	9.18%	3.36	3.42	-1.96%													
SAR I	6/19/2025	Head	3500	3500	40.84	37.93	7.67%	2.73	2.91	-6.41%	6/19/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.060	60.600	65.700	-7.76%	2.340	23.400	24.900	-6.02%	
				3400	41.02	38.04	7.82%	2.65	2.81	-5.78%													
				3600	40.66	37.82	7.52%	2.83	3.01	-6.20%													
SAR I	6/19/2025	Head	3700	3700	40.45	37.70	7.29%	2.93	3.12	-6.07%	6/19/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.290	62.900	67.800	-7.23%	2.350	23.500	25.100	-6.37%	
				3600	40.66	37.82	7.52%	2.83	3.01	-6.10%													
				3800	40.31	37.59	7.24%	3.02	3.22	-6.14%													
SAR I	6/19/2025	Head	3900	3900	40.17	37.47	7.20%	3.13	3.32	-5.87%	6/19/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.390	63.900	69.300	-7.79%	2.270	22.700	24.100	-5.81%	
				3800	40.31	37.59	7.24%	3.02	3.22	-6.14%													
				4000	39.97	37.36	6.99%	3.24	3.42	-5.35%													
SAR I	6/23/2025	Head	3500	3500	38.96	37.93	2.72%	2.68	2.91	-7.85%	6/23/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.220	62.200	65.700	-5.33%	2.430	24.300	24.900	-2.41%	
				3400	39.17	38.04	2.96%	2.59	2.81	-7.98%													
				3600	38.83	37.82	2.68%	2.77	3.01	-7.99%													
SAR I	6/23/2025	Head	3700	3700	38.81	37.70	2.94%	2.87	3.12	-7.90%	6/23/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.390	63.900	67.800	-5.75%	2.410	24.100	25.100	-3.98%	
				3600	38.83	37.82	2.68%	2.77	3.01	-7.99%													
				3800	38.58	37.59	2.64%	2.98	3.22	-7.35%													
SAR I	6/23/2025	Head	3900	3900	38.39	37.47	2.45%	3.06	3.32	-7.89%	6/23/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.510	65.100	69.300	-6.06%	2.330	23.300	24.100	-3.32%	
				3800	38.58	37.59	2.64%	2.98	3.22	-7.35%													
				4000	38.33	37.36	2.60%	3.14	3.42	-8.33%													
SAR I	6/26/2025	Head	3500	3500	40.32	37.93	6.30%	2.65	2.91	-9.02%	6/26/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.040	60.656	65.700	-7.68%	1.180	23.544	24.900	-5.45%	
				3400	40.44	38.04	6.30%	2.59	2.81	-7.81%													
				3600	40.17	37.82	6.23%	2.79	3.01	-7.53%													
SAR I	6/26/2025	Head	3700	3700	39.91	37.70	5.86%	2.87	3.12	-7.87%	6/26/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.200	63.848	67.800	-5.83%	1.200	23.943	25.100	-4.61%	
				3600	40.17	37.82	6.23%	2.79	3.01	-7.53%													
				3800	39.79	37.59	5.86%	2.95	3.22	-8.31%													
SAR I	6/26/2025	Head	3900	3900	39.68	37.47	5.89%	3.08	3.32	-7.16%	6/26/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.290	65.644	69.300	-5.28%	1.170	23.345	24.100	-3.13%	
				3800	39.79	37.59	5.86%	2.95	3.22	-8.31%													
				4000	39.36	37.36	5.36%	3.19	3.42	-6.87%													
SAR I	7/1/2025	Head	3500	3500	38.70	37.93	2.03%	2.75	2.91	-5.52%	7/1/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.150	61.500	65.700	-6.39%	2.350	23.500	24.900	-5.62%	
				3400	38.86	38.04	2.15%	2.67	2.81	-5.10%													
				3600	38.55	37.82	1.94%	2.85	3.01	-5.57%													
SAR I	7/1/2025	Head	3700	3700	38.39	37.70	1.83%	2.94	3.12	-5.75%	7/1/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.390	63.900	67.800	-5.75%	2.370	23.700	25.100	-5.58%	
				3600	38.55	37.82	1.94%	2.85	3.01	-5.57%													
				3800	38.23	37.59	1.71%	3.03	3.22	-5.73%													
SAR I	7/1/2025	Head	3900	3900	38.07	37.47	1.59%	3.13	3.32	-5.69%	7/1/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.600	66.000	69.300	-4.76%	2.320	23.200	24.100	-3.73%	
				3800	38.32	37.59	1.95%	3.03	3.22	-5.73%													
				4000	37.92	37.36	1.50%	3.23	3.42	-5.64%													
SAR I	7/3/2025	Head	3500	3500	36.62	37.93	-3.45%	2.71	2.91	-6.99%	7/3/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.360	63.600	65.700	-3.20%	2.450	24.500	24.900	-1.61%	
				3400	36.70	38.04	-3.53%	2.61	2.81	-6.95%													
				3600	36.46	37.82	-3.58%	2.79	3.01	-7.30%													
SAR I	7/3/2025	Head	3700	3700	36.31	37.70	-3.69%	2.89	3.12	-7.36%	7/3/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.740	67.400	67.800	-0.59%	2.500	25.000	25.100	-0.40%	
				3600	36.46	37.82	-3.58%	2.79	3.01	-7.30%													
				3800	36.11	37.59	-3.93%	2.98	3.22	-7.35%													
SAR I	7/3/2025	Head	3900	3900	35.93	37.47	-4.12%	3.07	3.32	-7.46%	7/3/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.730	67.300	69.300	-2.89%	2.370	23.700	24.100	-1.66%	
				3800	36.11	37.59	-3.93%	2.98	3.22	-7.35%													
				4000	35.77	37.36	-4.25%	3.16	3.42	-7.60%													
SAR I	7/7/2025	Head	3500	3500	36.32	37.93	-4.24%	2.73	2.91	-6.41%	7/7/2025	D3500V2 SN: 1060	2/7/2026	20.0	5.970	59.700	65.700	-9.13%	2.290	22.900	24.900	-8.03%	
				3400	36.50	38.04	-4.06%	2.64	2.81	-5.99%													
				3600	36.15	37.82	-4.40%	2.81	3.01	-6.77%													
SAR I	7/7/2025	Head	3700	3700	35.99	37.70	-4.54%	2.90	3.12	-7.07%	7/7/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.790	67.900	67.800	0.15%	2.530	25.300	25.100	0.80%	
				3600	36.15	37.82	-4.40%	2.81	3.01	-6.77%													
				3800	35.83	37.59	-4.68%	2.99	3.22	-7.16%													
SAR I	7/7/2025	Head	3900	3900	35.67	37.47	-4.81%	3.08	3.32	-7.13%	7/7/2025	D3900V2 SN: 1102	10/24/2025	20.0	6.920	69.200	69.300	-0.14%	2.440	24.400	24.100	1.24%	
				3800	35.83	37.59	-4.68%	2.99	3.22	-7.16%													
				4000	35.51	37.36	-4.95%	3.18	3.42	-7.07%													
SAR I	7/7/2025	Head	2300	2300	38.49	39.47	-2.49%	1.74	1.66	4.82%	7/9/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.570	51.278	48.700	5.29%	1.220	24.342	23.800	2.28%	
				2350	38.44	39.38	-2.40%	1.78	1.71	4.35%													
				2400	38.35	39.30	-2.41%	1.82	1.75	3.90%													
SAR I	7/7/2025	Head	2600	2600	37.98	39.01	-2.64%	1.98	1.96	1.01%	7/9/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.870	57.264	55.400	3.36%	1.280	25.539	24.900	2.57%	
				2495	38.18	39.14	-2.46%	1.89	1.85	2.45%													
				2690	37.81	38.90	-2.80%	2.05	2.06	-0.27%													
SAR I	7/11/2025	Head	3500	3500	39.18	37.93	3.30%	2.77	2.91	-4.79%	7/11/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.190	63.649	65.700	-3.12%	1.220	24.342	24.900	-2.24%	
				3400	39.35	38.04	3.43%	2.69	2.81	-4.35%													
				3600	39.08	37.82	3.34%	2.86	3.01	-5.14%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR I	7/11/2025	Head	3700	3700	38.91	37.70	3.21%	2.95	3.12	-5.46%	7/11/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.350	66.841	67.800	-1.41%	1.250	24.941	25.100	-0.63%	
				3600	39.08	37.82	3.34%	2.86	3.01	-5.14%													
				3800	38.78	37.59	3.17%	3.04	3.22	-5.58%													
SAR I	7/11/2025	Head	3900	3900	38.63	37.47	3.09%	3.14	3.32	-5.54%	7/11/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.370	67.240	69.300	-2.97%	1.190	23.744	24.100	-1.48%	
				3800	38.78	37.59	3.17%	3.04	3.22	-5.58%													
				4000	38.45	37.36	2.92%	3.23	3.42	-5.61%													
SAR I	7/11/2025	Head	2300	2300	38.43	39.47	-2.64%	1.76	1.66	5.67%	7/11/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.520	50.281	48.700	3.25%	1.200	23.943	23.800	0.60%	
				2350	38.38	39.38	-2.55%	1.80	1.71	5.17%													
				2400	38.28	39.30	-2.59%	1.83	1.75	4.59%													
SAR I	7/11/2025	Head	2600	2600	37.94	39.01	-2.74%	1.98	1.96	1.06%	7/11/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.790	55.668	55.400	0.48%	1.240	24.741	24.900	-0.64%	
				2495	38.09	39.14	-2.69%	1.90	1.85	2.78%													
				2690	37.78	38.90	-2.87%	2.05	2.06	-0.41%													
SAR I	7/15/2025	Head	3500	3500	37.43	37.93	-1.32%	2.75	2.91	-5.52%	7/15/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.170	63.250	65.700	-3.73%	1.220	24.342	24.900	-2.24%	
				3400	37.61	38.04	-1.14%	2.67	2.81	-5.14%													
				3600	37.27	37.82	-1.44%	2.84	3.01	-5.84%													
SAR I	7/15/2025	Head	3700	3700	37.12	37.70	-1.54%	2.93	3.12	-6.07%	7/15/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.400	67.839	67.800	0.06%	1.270	25.340	25.100	0.96%	
				3600	37.27	37.82	-1.44%	2.84	3.01	-5.84%													
				3800	36.97	37.59	-1.64%	3.02	3.22	-6.11%													
SAR I	7/15/2025	Head	3900	3900	36.82	37.47	-1.74%	3.12	3.32	-5.99%	7/15/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.440	68.637	69.300	-0.96%	1.220	24.342	24.100	1.00%	
				3800	36.97	37.59	-1.64%	3.02	3.22	-6.11%													
				4000	36.66	37.36	-1.87%	3.22	3.42	-5.88%													
SAR I	7/15/2025	Head	2300	2300	39.58	39.47	0.27%	1.75	1.66	5.18%	7/15/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.510	50.081	48.700	2.84%	1.200	23.943	23.800	0.60%	
				2350	39.52	39.38	0.34%	1.79	1.71	4.70%													
				2400	39.43	39.30	0.34%	1.82	1.75	4.13%													
SAR I	7/15/2025	Head	2600	2600	39.11	39.01	0.25%	1.99	1.96	1.27%	7/15/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.810	56.067	55.400	1.20%	1.250	24.941	24.900	0.16%	
				2495	39.29	39.14	0.37%	1.90	1.85	2.56%													
				2690	38.94	38.90	0.11%	2.06	2.06	0.07%													
SAR I	7/19/2025	Head	3500	3500	37.30	37.93	-1.66%	2.75	2.91	-5.65%	7/19/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.230	64.447	65.700	-1.91%	1.240	24.741	24.900	-0.64%	
				3400	37.46	38.04	-1.53%	2.66	2.81	-5.28%													
				3600	37.14	37.82	-1.79%	2.84	3.01	-5.87%													
SAR I	7/19/2025	Head	3700	3700	36.98	37.70	-1.91%	2.93	3.12	-6.14%	7/19/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.400	67.839	67.800	0.06%	1.270	25.340	25.100	0.96%	
				3600	37.14	37.82	-1.79%	2.84	3.01	-5.87%													
				3800	36.82	37.59	-2.04%	3.02	3.22	-6.26%													
SAR I	7/19/2025	Head	3900	3900	36.66	37.47	-2.17%	3.12	3.32	-6.17%	7/19/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.550	70.832	69.300	2.21%	1.260	25.140	24.100	4.32%	
				3800	36.82	37.59	-2.04%	3.02	3.22	-6.26%													
				4000	36.50	37.36	-2.30%	3.22	3.42	-6.05%													
SAR I	7/19/2025	Head	2300	2300	39.33	39.47	-0.36%	1.75	1.66	5.43%	7/19/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.590	51.677	48.700	6.11%	1.230	24.542	23.800	3.12%	
				2350	39.24	39.38	-0.37%	1.79	1.71	4.76%													
				2400	39.16	39.30	-0.35%	1.82	1.75	4.13%													
SAR I	7/19/2025	Head	2600	2600	38.88	39.01	-0.34%	1.99	1.96	1.16%	7/19/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.850	56.865	55.400	2.64%	1.280	25.539	24.900	2.57%	
				2495	39.04	39.14	-0.26%	1.89	1.85	2.40%													
				2690	38.72	38.90	-0.46%	2.06	2.06	0.07%													
SAR I	7/21/2025	Head	3500	3500	36.45	37.93	-3.90%	2.79	2.91	-4.35%	7/22/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.390	67.639	65.700	2.95%	1.300	25.938	24.900	4.17%	
				3400	36.63	38.04	-3.72%	2.70	2.81	-3.89%													
				3600	36.24	37.82	-4.17%	2.87	3.01	-4.68%													
SAR I	7/21/2025	Head	3700	3700	36.10	37.70	-4.25%	2.97	3.12	-4.79%	7/22/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.570	71.231	67.800	5.06%	1.330	26.537	25.100	5.73%	
				3600	36.24	37.82	-4.17%	2.87	3.01	-4.68%													
				3800	35.95	37.59	-4.36%	3.06	3.22	-4.86%													
SAR I	7/21/2025	Head	3900	3900	35.80	37.47	-4.47%	3.17	3.32	-4.63%	7/22/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.580	71.430	69.300	3.07%	1.270	25.340	24.100	5.14%	
				3800	35.95	37.59	-4.36%	3.06	3.22	-4.86%													
				4000	35.65	37.36	-4.57%	3.27	3.42	-4.47%													
SAR I	7/21/2025	Head	2300	2300	38.60	39.47	-2.21%	1.77	1.66	6.51%	7/22/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.610	52.076	48.700	6.93%	1.240	24.741	23.800	3.95%	
				2350	38.49	39.38	-2.27%	1.81	1.71	6.17%													
				2400	38.41	39.30	-2.26%	1.85	1.75	5.44%													
SAR I	7/21/2025	Head	2600	2600	38.11	39.01	-2.31%	2.01	1.96	2.34%	7/22/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.920	58.262	55.400	5.17%	1.310	26.138	24.900	4.97%	51
				2495	38.28	39.14	-2.21%	1.92	1.85	3.91%													
				2690	37.97	38.90	-2.38%	2.09	2.06	1.34%													
SAR I	7/24/2025	Head	3500	3500	35.43	37.93	-6.59%	2.77	2.91	-4.73%	7/24/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.330	66.442	65.700	1.13%	1.280	25.539	24.900	2.57%	
				3400	35.61	38.04	-6.40%	2.69	2.81	-4.28%													
				3600	35.26	37.82	-6.76%	2.87	3.01	-4.81%													
SAR I	7/24/2025	Head	3700	3700	35.11	37.70	-6.87%	2.97	3.12	-4.79%	7/24/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.530	70.433	67.800	3.88%	1.310	26.138	25.100	4.14%	
				3600	34.92	37.59	-7.10%	3.06	3.22	-5.02%													
				3900	34.76	37.47	-7.24%	3.16	3.32	-4.87%													
SAR I	7/24/2025	Head	3900	3800	34.92	37.59	-7.10%	3.06	3.22	-5.02%	7/24/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.530	70.433	69.300	1.63%	1.250	24.941	24.100	3.49%	
				4000	34.57	37.36	-7.47%	3.26	3.42	-4.65%													
SAR I	7/24/2025	Head	2300	2300	37.41	39.47	-5.23%	1.76	1.66	5.91%	7/24/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.540	50.680	48.700	4.07%	1.200	23.943	23.800	0.60%	
				2350	37.30	39.38	-5.29%	1.79	1.71	5.00%													
				2400	37.23	39.30	-5.26%	1.83	1.75	4.64%													
SAR I	7/24/2025	Head	2600	2600	36.94	39.01	-5.31%	2.00	1.96	1.72%	7/24/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.870	57.264	55.400	3.36%	1.280	25.539	24.900	2.57%	
				2495	37.09	39.14	-5.25%	1.90	1.85	2.78%													
				2690	36.78	38.90	-5.44%	2.07	2.06	0.66%													
SAR I	7/28/2025	Head	3500	3500	35.95	37.93	-5.22%	2.86	2.91	-1.70%	7/28/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.930	69.300	65.700	5.48%	2.670	26.700	24.900	7.23%	
				3400	36.18	38.04	-4.90%	2.74	2.81	-2.54%													
				3600	35.70	37.82	-5.59%	2.93	3.01	-2.78%													

Liquid Check										System Check																					
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.								
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%									
SAR I	7/28/2025	Head	3700	3700	35.63	37.70	-5.49%	3.01	3.12	-3.31%	7/28/2025	D3700V2 SN: 1039	4/11/2026	20.0	7.270	72.700	67.800	7.23%	2.710	27.100	25.100	7.97%									
				3600	35.70	37.82	-5.59%	2.93	3.01	-2.78%																					
				3800	35.39	37.59	-5.85%	3.13	3.22	-2.63%																					
SAR I	7/28/2025	Head	3900	3900	35.11	37.47	-6.31%	3.21	3.32	-3.31%	7/28/2025	D3900V2 SN: 1102	10/24/2025	20.0	7.430	74.300	69.300	7.22%	2.630	26.300	24.100	9.13%									
				3800	35.39	37.59	-5.85%	3.13	3.22	-2.63%																					
				4000	35.07	37.36	-6.13%	3.28	3.42	-4.12%																					
SAR I	7/28/2025	Head	2300	2300	38.08	39.47	-3.53%	1.81	1.66	8.97%	7/28/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.670	53.274	48.700	9.39%	1.260	25.140	23.800	5.63%									
				2350	38.04	39.38	-3.41%	1.87	1.71	9.33%																					
				2400	37.96	39.30	-3.40%	1.88	1.75	7.38%																					
SAR I	7/28/2025	Head	2600	2600	37.53	39.01	-3.80%	2.05	1.96	4.37%	7/28/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.920	58.262	55.400	5.17%	1.310	26.138	24.900	4.97%									
				2495	37.74	39.14	-3.58%	1.98	1.85	7.05%																					
				2690	37.47	38.90	-3.67%	2.10	2.06	2.16%																					
SAR I	8/1/2025	Head	2300	2300	39.64	39.47	0.42%	1.80	1.66	8.43%	8/1/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.440	48.684	47.800	1.85%	1.170	23.345	23.100	1.06%									
				2350	39.56	39.38	0.45%	1.84	1.71	7.86%																					
				2400	39.48	39.30	0.47%	1.88	1.75	7.10%																					
SAR I	8/1/2025	Head	2600	2600	39.14	39.01	0.33%	2.03	1.96	3.66%	8/1/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.920	58.262	55.400	5.17%	1.310	26.138	24.900	4.97%									
				2495	39.31	39.14	0.43%	1.95	1.85	5.32%																					
				2690	38.98	38.90	0.21%	2.11	2.06	2.21%																					
SAR I	8/1/2025	Head	3500	3500	37.46	37.93	-1.24%	2.78	2.91	-4.38%	8/1/2025	D3500V2 SN: 1060	2/7/2026	20.0	6.790	67.900	65.700	3.35%	2.630	26.300	24.900	5.62%									
				3400	37.64	38.04	-1.06%	2.70	2.81	-3.82%																					
				3600	37.29	37.82	-1.39%	2.87	3.01	-4.94%																					
SAR I	8/1/2025	Head	3700	3700	37.13	37.70	-1.52%	2.95	3.12	-5.40%	8/1/2025	D3700V2 SN: 1039	4/11/2026	20.0	6.650	66.500	67.800	-1.92%	2.510	25.100	25.100	0.00%									
				3600	37.29	37.82	-1.39%	2.87	3.01	-4.94%																					
				3800	39.98	37.59	6.37%	3.04	3.22	-5.67%																					
SAR I	8/1/2025	Head	3900	3900	36.83	37.47	-1.72%	3.13	3.32	-5.78%	8/1/2025	D3900V2 SN: 1102	10/24/2025	20.0	7.29	72.900	69.300	5.19%	2.580	25.800	24.100	7.05%									
				3800	36.98	37.59	-1.62%	3.04	3.22	-5.67%																					
				4000	36.69	37.36	-1.79%	3.22	3.42	-5.85%																					
SAR I	8/5/2025	Head	2300	2300	36.66	39.47	-7.13%	1.80	1.66	7.89%	8/5/2025	D2300V2 SN: 1058	4/10/2026	17.0	2.570	51.278	47.800	7.28%	1.220	24.342	23.100	5.38%	52								
				2350	36.52	39.38	-7.27%	1.83	1.71	7.34%																					
				2400	36.47	39.30	-7.19%	1.87	1.75	6.64%																					
SAR I	8/5/2025	Head	2600	2600	36.17	39.01	-7.28%	2.02	1.96	3.00%	8/5/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.810	56.067	55.400	1.20%	1.250	24.941	24.900	0.16%									
				2495	36.31	39.14	-7.24%	1.94	1.85	4.73%																					
				2690	36.04	38.90	-7.35%	2.09	2.06	1.68%																					
SAR I	8/5/2025	Head	3500	3500	34.55	37.93	-8.91%	2.77	2.91	-4.93%	8/5/2025	D3500V2 SN: 1060	2/7/2026	17.0	3.300	65.844	65.700	0.22%	1.260	25.140	24.900	0.97%									
				3400	34.71	38.04	-8.76%	2.68	2.81	-4.57%																					
				3600	35.07	37.82	-7.26%	2.86	3.01	-5.27%																					
SAR I	8/5/2025	Head	3700	3700	34.20	37.70	-9.29%	2.94	3.12	-5.56%	8/5/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.540	70.632	67.800	4.18%	1.320	26.337	25.100	4.93%									
				3600	35.07	37.82	-7.26%	2.86	3.01	-5.27%																					
				3800	33.99	37.59	-9.57%	3.03	3.22	-5.80%																					
SAR I	8/5/2025	Head	3900	3900	33.79	37.47	-9.83%	3.13	3.32	-5.78%	8/5/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.410	68.038	69.300	-1.82%	1.210	24.143	24.100	0.18%									
				3800	33.99	37.59	-9.57%	3.03	3.22	-5.80%																					
				4000	33.64	37.36	-9.96%	3.23	3.42	-5.76%																					
SAR I	8/9/2025	Head	2300	2300	39.53	39.47	0.15%	1.73	1.66	3.74%	8/9/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.600	51.877	48.700	6.52%	1.240	24.741	23.800	3.95%									
				2350	39.49	39.38	0.27%	1.76	1.71	3.24%																					
				2400	39.42	39.30	0.31%	1.81	1.75	3.05%																					
SAR I	8/9/2025	Head	2600	2600	39.07	39.01	0.15%	1.97	1.96	0.40%	8/9/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.860	57.065	55.400	3.00%	1.280	25.539	24.900	2.57%									
				2495	39.28	39.14	0.35%	1.88	1.85	1.80%																					
				2690	38.87	38.90	-0.07%	2.04	2.06	-1.09%																					
SAR I	8/9/2025	Head	3500	3500	37.55	37.93	-1.00%	2.71	2.91	-7.06%	8/10/2025	D3500V2 SN: 1011	4/17/2026	17.0	3.270	65.245	65.600	-0.54%	1.260	25.140	24.700	1.78%									
				3400	37.70	38.04	-0.90%	2.62	2.81	-6.63%																					
				3600	37.40	37.82	-1.10%	2.80	3.01	-7.16%																					
SAR I	8/9/2025	Head	3700	3700	37.25	37.70	-1.20%	2.89	3.12	-7.29%	8/10/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.500	69.834	67.800	3.00%	1.310	26.138	25.100	4.14%									
				3600	37.40	37.82	-1.10%	2.80	3.01	-7.16%																					
				3800	37.09	37.59	-1.32%	2.98	3.22	-7.47%																					
SAR I	8/9/2025	Head	3900	3900	36.95	37.47	-1.40%	3.07	3.32	-7.55%	8/10/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.480	69.435	69.300	0.19%	1.240	24.741	24.100	2.66%									
				3800	37.09	37.59	-1.32%	2.98	3.22	-7.47%																					
				4000	36.80	37.36	-1.50%	3.16	3.42	-7.60%																					
SAR I	8/11/2025	Head	3500	3500	39.24	37.93	3.45%	2.76	2.91	-5.21%	8/11/2025	D3500V2 SN: 1011	4/17/2026	17.0	3.270	65.245	65.600	-0.54%	1.250	24.941	24.700	0.97%									
				3400	39.41	38.04	3.59%	2.66	2.81	-5.17%																					
				3600	39.04	37.82	3.24%	2.83	3.01	-5.97%																					
SAR I	8/11/2025	Head	3700	3700	38.79	37.70	2.89%	2.93	3.12	-6.07%	8/11/2025	D3700V2 SN: 1039	4/11/2026	17.0	3.300	65.844	67.800	-2.89%	1.220	24.342	25.100	-3.02%									
				3600	39.04	37.82	3.24%	2.83	3.01	-5.97%																					
				3800	38.68	37.59	2.91%	3.02	3.22	-6.32%																					
SAR I	8/11/2025	Head	3900	3900	38.53	37.47	2.82%	3.09	3.32	-6.92%	8/11/2025	D3900V2 SN: 1102	10/24/2025	17.0	3.380	67.440	69.300	-2.68%	1.190	23.744	24.100	-1.48%									
				3800	38.68	37.59	2.91%	3.02	3.22	-6.32%																					
				4000	38.45	37.36	2.92%	3.18	3.42	-7.10%																					

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ε _r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 2	8/3/2025	Head	2300	2300	37.67	39.47	-4.57%	1.58	1.66	-4.79%	8/3/2025	D2300V2 SN 1002	4/11/2026	17.0	2.430	48.485	48.700	-0.44%	1.180	23.544	23.800	-1.08%	64
				2350	37.73	39.38	-4.20%	1.63	1.71	-4.32%													
				2400	37.56	39.30	-4.42%	1.65	1.75	-5.57%													
SAR 2	8/3/2025	Head	2600	2600	40.35	39.01	3.43%	1.86	1.96	-5.00%	8/3/2025	D2600V2 SN 1036	4/11/2026	17.0	2.700	53.872	55.400	-2.76%	1.230	24.542	24.900	-1.44%	65
				2495	40.47	39.14	3.39%	1.77	1.85	-4.20%													
				2690	40.10	38.90	3.09%	1.94	2.06	-5.65%													
SAR 2	8/3/2025	Head	5750	5750	35.77	35.36	1.15%	4.97	5.21	-4.69%	8/3/2025	D5GHzV2 SN 1168 (5.75 GHz)	2/6/2026	17.0	3.840	76.618	79.400	-3.50%	1.110	22.147	22.500	-1.57%	
				5700	35.41	35.42	-0.03%	5.00	5.16	-3.07%													
				5850	35.60	35.30	0.85%	5.19	5.32	-2.48%													
SAR 2	8/6/2025	Head	2300	2300	39.55	39.47	0.20%	1.64	1.66	-1.25%	8/6/2025	D2300V2 SN 1058	4/10/2026	17.0	2.550	50.879	47.800	6.44%	1.240	24.741	23.100	7.10%	66
				2350	39.52	39.38	0.34%	1.68	1.71	-1.68%													
				2400	39.44	39.30	0.36%	1.72	1.75	-2.04%													
SAR 2	8/6/2025	Head	2600	2600	39.17	39.01	0.41%	1.87	1.96	-4.49%	8/6/2025	D2600V2 SN 1036	4/11/2026	17.0	2.770	55.269	55.400	-0.24%	1.260	25.140	24.900	0.97%	
				2495	39.32	39.14	0.45%	1.79	1.85	-3.33%													
				2690	38.99	38.90	0.24%	1.95	2.06	-5.56%													
SAR 2	8/6/2025	Head	5750	5750	34.02	35.36	-3.80%	4.90	5.21	-6.04%	8/6/2025	D5GHzV2 SN 1168 (5.75 GHz)	2/6/2026	17.0	3.610	72.029	79.400	-9.28%	1.040	20.751	22.500	-7.77%	67
				5700	34.09	35.42	-3.75%	4.82	5.16	-6.62%													
				5850	33.86	35.30	-4.08%	5.08	5.32	-4.44%													
SAR 2	8/11/2025	Head	2300	2300	40.19	39.47	1.82%	1.65	1.66	-0.59%	8/11/2025	D2300V2 SN 1058	4/10/2026	17.0	2.410	48.086	47.800	0.60%	1.170	23.345	23.100	1.06%	
				2350	40.11	39.38	1.84%	1.69	1.71	-1.04%													
				2400	40.01	39.30	1.82%	1.73	1.75	-1.24%													
SAR 2	8/11/2025	Head	2600	2600	39.72	39.01	1.82%	1.88	1.96	-4.09%	8/11/2025	D2600V2 SN 1036	4/11/2026	17.0	2.770	55.269	55.400	-0.24%	1.260	25.140	24.900	0.97%	
				2495	39.85	39.14	1.81%	1.80	1.85	-2.69%													
				2690	39.58	38.90	1.76%	1.96	2.06	-4.98%													
SAR 2	8/11/2025	Head	5750	5750	34.18	35.36	-3.34%	5.08	5.21	-2.55%	8/11/2025	D5GHzV2 SN 1168 (5.75 GHz)	2/6/2026	17.0	3.900	77.815	79.400	-2.00%	1.130	22.546	22.500	0.21%	
				5700	34.33	35.42	-3.08%	4.98	5.16	-3.46%													
				5850	34.04	35.30	-3.57%	5.26	5.32	-1.18%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 3	8/6/2025	Head	5600	5600	35.02	35.53	-1.45%	4.93	5.06	-2.53%	8/6/2025	D5GHzV2 SN 1168 (5.60 GHz)	2/6/2026	17.0	4.240	84.599	81.500	3.80%	1.230	24.542	23.400	4.88%	
				5500	35.15	35.65	-1.40%	4.79	4.96	-3.33%													
				5725	34.79	35.39	-1.70%	5.06	5.19	-2.49%													
SAR 3	8/10/2025	Head	5250	5250	38.81	35.93	8.01%	4.79	4.70	1.85%	8/10/2025	D5GHzV2 SN 1168 (5.25 GHz)	2/6/2026	17.0	4.290	85.597	81.100	5.54%	1.260	25.140	23.100	8.83%	
				5150	38.82	36.05	7.69%	4.64	4.60	0.96%													
				5350	38.31	35.82	6.95%	4.82	4.80	0.28%													
SAR 3	8/10/2025	Head	5600	5600	37.98	35.53	6.88%	5.18	5.06	2.45%	8/10/2025	D5GHzV2 SN 1168 (5.60 GHz)	2/6/2026	17.0	4.450	88.789	81.500	8.94%	1.290	25.739	23.400	10.00%	72
				5500	38.13	35.65	6.96%	5.04	4.96	1.59%													
				5725	37.71	35.39	6.55%	5.31	5.19	2.33%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ε _r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 4	5/22/2025	Head	5250	5250	36.23	35.93	0.83%	4.44	4.70	-5.57%	5/22/2025	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2026	17.0	3.630	72.428	80.300	-9.80%	1.050	20.950	22.900	-8.51%	73
				5150	36.27	36.05	0.62%	4.30	4.60	-6.45%													
				5350	35.92	35.82	0.28%	4.46	4.80	-7.09%													
SAR 4	5/23/2025	Head	5250	5250	36.62	35.93	1.91%	4.68	4.70	-0.47%	5/23/2025	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2026	17.0	3.810	76.019	80.300	-5.33%	1.100	21.948	22.900	-4.16%	
				5150	36.67	36.05	1.73%	4.53	4.60	-1.45%													
				5350	36.21	35.82	1.09%	4.72	4.80	-1.86%													
SAR 4	5/27/2025	Head	5250	5250	36.35	35.93	1.16%	4.45	4.70	-5.40%	5/28/2025	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2026	17.0	3.990	79.611	80.300	-0.86%	1.150	22.946	22.900	0.20%	
				5150	36.34	36.05	0.81%	4.31	4.60	-6.21%													
				5350	35.90	35.82	0.23%	4.49	4.80	-6.63%													
SAR 4	5/30/2025	Head	5250	5250	36.44	35.93	1.41%	4.89	4.70	4.00%	5/31/2025	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2026	17.0	3.830	76.419	80.300	-4.83%	1.110	22.147	22.900	-3.29%	
				5150	36.47	36.05	1.17%	4.76	4.60	3.37%													
				5350	36.02	35.82	0.56%	4.99	4.80	3.82%													
SAR 4	6/1/2025	Head	5250	5250	36.60	35.93	1.86%	4.42	4.70	-6.02%	6/1/2025	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2026	17.0	4.210	84.001	80.300	4.61%	1.220	24.342	22.900	6.30%	
				5150	36.60	36.05	1.53%	4.28	4.60	-6.97%													
				5350	36.13	35.82	0.87%	4.45	4.80	-7.48%													
SAR 4	6/4/2025	Head	5250	5250	36.84	35.93	2.52%	4.46	4.70	-5.06%	6/4/2025	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2026	17.0	3.640	72.628	80.300	-9.55%	1.050	20.950	22.900	-8.51%	
				5150	36.89	36.05	2.34%	4.32	4.60	-6.06%													
				5350	36.47	35.82	1.82%	4.49	4.80	-6.65%													
SAR 4	6/8/2025	Head	5250	5250	38.31	35.93	6.61%	4.49	4.70	-4.53%	6/8/2025	D5GHzV2 SN: 1168 (5.25 GHz)	2/6/2026	20.0	8.060	80.600	81.100	-0.62%	2.300	23.000	23.100	-0.43%	
				5150	38.32	36.05	6.30%	4.35	4.60	-5.43%													
				5350	37.87	35.82	5.73%	4.52	4.80	-5.84%													
SAR 4	6/8/2025	Head	5600	5600	37.50	35.53	5.53%	4.89	5.06	-3.42%	6/8/2025	D5GHzV2 SN: 1168 (5.60 GHz)	2/6/2026	20.0	8.030	80.300	81.500	-1.47%	2.270	22.700	23.400	-2.99%	
				5500	37.64	35.65	5.59%	4.75	4.96	-4.25%													
				5725	37.24	35.39	5.22%	4.99	5.19	-3.80%													
SAR 4	6/11/2025	Head	5250	5250	35.77	35.93	-0.45%	4.43	4.70	-5.87%	6/11/2025	D5GHzV2 SN: 1168 (5.25 GHz)	2/6/2026	17.0	3.760	75.022	81.100	-7.49%	1.090	21.748	23.100	-5.85%	74
				5150	35.82	36.05	-0.63%	4.29	4.60	-6.65%													
				5350	35.30	35.82	-1.45%	4.48	4.80	-6.84%													
SAR 4	6/11/2025	Head	5600	5600	34.96	35.53	-1.61%	4.81	5.06	-4.95%	6/11/2025	D5GHzV2 SN: 1168 (5.60 GHz)	2/6/2026	17.0	4.060	81.008	81.500	-0.60%	1.150	22.946	23.400	-1.94%	
				5500	35.11	35.65	-1.51%	4.68	4.96	-5.71%													
				5725	34.66	35.39	-2.07%	4.93	5.19	-4.99%													
SAR 4	6/15/2025	Head	5250	5250	38.84	35.93	8.09%	4.45	4.70	-5.45%	6/15/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	17.0	3.930	78.414	79.500	-1.37%	1.140	22.746	22.600	0.65%	
				5150	38.83	36.05	7.72%	4.32	4.60	-6.04%													
				5350	38.43	35.82	7.29%	4.49	4.80	-6.57%													
SAR 4	6/15/2025	Head	5600	5600	38.16	35.53	7.39%	4.87	5.06	-3.86%	6/15/2025	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2026	17.0	4.330	86.395	82.500	4.72%	1.240	24.741	23.400	5.73%	
				5500	38.27	35.65	7.36%	4.71	4.96	-5.04%													
				5725	37.98	35.39	7.31%	4.96	5.19	-4.42%													
SAR 4	6/18/2025	Head	5250	5250	38.53	35.93	7.23%	4.44	4.70	-5.55%	6/18/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	17.0	3.960	79.012	79.500	-0.61%	1.160	23.145	22.600	2.41%	
				5150	38.53	36.05	6.89%	4.31	4.60	-6.26%													
				5350	38.14	35.82	6.48%	4.48	4.80	-6.67%													
SAR 4	6/18/2025	Head	5600	5600	37.79	35.53	6.35%	4.85	5.06	-4.12%	6/18/2025	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2026	17.0	4.380	87.392	82.500	5.93%	1.260	25.140	23.400	7.44%	
				5500	37.93	35.65	6.40%	4.71	4.96	-5.10%													
				5725	37.54	35.39	6.07%	4.97	5.19	-4.22%													
SAR 4	6/22/2025	Head	5250	5250	35.22	35.93	-1.98%	4.51	4.70	-4.04%	6/22/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	17.0	4.120	82.205	79.500	3.40%	1.180	23.544	22.600	4.18%	
				5350	34.83	35.82	-2.76%	4.54	4.80	-5.42%													
				5600	34.40	35.53	-3.19%	4.91	5.06	-3.05%													
SAR 4	6/22/2025	Head	5600	5500	34.57	35.65	-3.02%	4.77	4.96	-3.81%	6/22/2025	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2026	17.0	4.460	88.989	82.500	7.87%	1.270	25.340	23.400	8.29%	75
				5725	34.16	35.39	-3.48%	5.01	5.19	-3.45%													
				5150	37.65	35.93	4.78%	4.44	4.70	-5.60%													
SAR 4	6/25/2025	Head	5250	5150	37.66	36.05	4.47%	4.30	4.60	-6.50%	6/25/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	17.0	4.060	81.008	79.500	1.90%	1.170	23.345	22.600	3.29%	
				5350	37.28	35.82	4.08%	4.47	4.80	-6.88%													
				5600	36.88	35.53	3.79%	4.83	5.06	-4.55%													
SAR 4	6/25/2025	Head	5600	5500	37.02	35.65	3.85%	4.70	4.96	-5.30%	6/25/2025	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2026	17.0	4.080	81.407	82.500	-1.33%	1.160	23.145	23.400	-1.09%	
				5725	36.65	35.39	3.56%	4.94	5.19	-4.71%													
				5250	37.23	35.93	3.61%	4.67	4.70	-0.62%													
SAR 4	6/29/2025	Head	5250	5150	37.23	36.05	3.28%	4.55	4.60	-1.06%	6/29/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	17.0	4.220	84.200	79.500	5.91%	1.220	24.342	22.600	7.71%	
				5350	36.93	35.82	3.10%	4.70	4.80	-2.17%													
				5600	36.59	35.53	2.97%	5.15	5.06	1.75%													
SAR 4	6/29/2025	Head	5600	5500	36.79	35.65	3.20%	4.99	4.96	0.55%	6/29/2025	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2026	17.0	4.250	84.799	82.500	2.79%	1.200	23.943	23.400	2.32%	
				5725	36.53	35.39	3.22%	5.26	5.19	1.33%													
				5250	37.60	35.93	4.64%	4.54	4.70	-3.53%													
SAR 4	7/2/2025	Head	5250	5150	37.62	36.05	4.36%	4.39	4.60	-4.47%	7/2/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	17.0	3.750	74.822	79.500	-5.88%	1.090	21.748	22.600	-3.77%	
				5350	37.15	36.82	3.72%	4.55	4.80	-5.30%													
				5600	36.81	35.53	3.59%	4.92	5.06	-2.85%													
SAR 4	7/2/2025	Head	5600	5500	36.64	35.65	2.78%	4.92	4.96	-0.81%	7/2/2025	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2026	17.0	3.810	76.019	82.500	-7.86%	1.080	21.549	23.400	-7.91%	
				5725	36.55	35.39	3.27%	5.02	5.19	-3.16%													
				5250	37.84	35.93	5.31%	4.68	4.70	-0.39%													
SAR 4	7/6/2025	Head	5250	5150	37.87	36.05	5.06%	4.56	4.60	-0.95%	7/6/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	17.0	3.920	78.214	79.500	-1.62%	1.140	22.746	22.600	0.65%	
				5350	37.46	35.82	4.58%	4.71	4.80	-1.90%													
				5600	37.10	35.53	4.41%	5.12	5.06	1.20%													
SAR 4	7/6/2025	Head	5600	5500	37.27	35.65	4.55%	4.97	4.96	0.16%	7/6/2025	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2026	17.0	3.940	78.613	82.500	-4.71%	1.130	22.546	23.400	-3.65%	
				5725	36.97	35.39	4.46%	5.26	5.19	1.29%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 5	5/21/2025	Head	2450	2450	41.84	39.20	6.73%	1.77	1.80	-1.94%	5/22/2025	D2450V2 SN: 706	1/20/2026	17.0	2.560	51.079	52.300	-2.34%	1.210	24.143	24.500	-1.46%	
				2400	41.91	39.30	6.65%	1.72	1.75	-1.86%													
				2500	41.73	39.14	6.63%	1.80	1.85	-2.97%													
SAR 5	5/28/2025	Head	2450	2450	41.42	39.20	5.66%	1.71	1.80	-5.06%	5/28/2025	D2450V2 SN: 706	1/20/2026	17.0	2.590	51.677	52.300	-1.19%	1.230	24.542	24.500	0.17%	
				2400	41.44	39.30	5.45%	1.67	1.75	-4.55%													
				2500	41.35	39.14	5.65%	1.75	1.85	-5.83%													
SAR 5	5/30/2025	Head	2450	2450	41.35	39.20	5.48%	1.70	1.80	-5.56%	5/30/2025	D2450V2 SN: 706	1/20/2026	17.0	2.610	52.076	52.300	-0.43%	1.250	24.941	24.500	1.80%	
				2400	41.42	39.30	5.40%	1.66	1.75	-5.00%													
				2500	41.27	39.14	5.45%	1.74	1.85	-6.21%													
SAR 5	6/1/2025	Head	2450	2450	41.96	39.20	7.04%	1.74	1.80	-3.33%	6/1/2025	D2450V2 SN: 706	1/20/2026	20.0	4.800	48.000	52.300	-8.22%	2.300	23.000	24.500	-6.12%	
				2400	42.01	39.30	6.90%	1.70	1.75	-2.83%													
				2500	41.87	39.14	6.98%	1.78	1.85	-3.94%													
SAR 5	6/4/2025	Head	2450	2450	41.47	39.20	5.79%	1.70	1.80	-5.59%	6/4/2025	D2450V2 SN: 706	1/20/2026	17.0	2.390	47.687	52.300	-8.82%	1.150	22.946	24.500	-6.34%	78
				2400	41.52	39.30	5.66%	1.67	1.75	-4.89%													
				2500	41.37	39.14	5.71%	1.75	1.85	-5.88%													
SAR 5	6/8/2025	Head	2450	2450	41.62	39.20	6.17%	1.69	1.80	-6.33%	6/8/2025	D2450V2 SN: 706	1/20/2026	20.0	5.100	51.000	52.300	-2.49%	2.440	24.400	24.500	-0.41%	
				2400	41.67	39.30	6.04%	1.65	1.75	-5.86%													
				2500	41.54	39.14	6.14%	1.73	1.85	-6.91%													
SAR 5	6/11/2025	Head	2450	2450	40.44	39.20	3.16%	1.70	1.80	-5.59%	6/11/2025	D2450V2 SN: 706	1/20/2026	17.0	2.460	49.083	52.300	-6.15%	1.180	23.544	24.500	-3.90%	
				2400	40.51	39.30	3.09%	1.66	1.75	-5.12%													
				2500	40.34	39.14	3.07%	1.75	1.85	-5.88%													
SAR 5	6/15/2025	Head	2450	2450	41.22	39.20	5.15%	1.67	1.80	-7.50%	6/15/2025	D2450V2 SN: 706	1/20/2026	17.0	2.600	51.877	52.300	-0.81%	1.240	24.741	24.500	0.98%	
				2400	41.28	39.30	5.05%	1.63	1.75	-7.12%													
				2500	41.18	39.14	5.22%	1.70	1.85	-8.26%													
SAR 5	6/18/2025	Head	2450	2450	41.78	39.20	6.58%	1.69	1.80	-6.17%	6/18/2025	D2450V2 SN: 706	1/20/2026	17.0	2.550	50.879	52.300	-2.72%	1.220	24.342	24.500	-0.64%	
				2400	41.84	39.30	6.47%	1.65	1.75	-5.63%													
				2500	41.69	39.14	6.52%	1.73	1.85	-6.91%													
SAR 5	6/22/2025	Head	2450	2450	41.24	39.20	5.20%	1.68	1.80	-6.50%	6/22/2025	D2450V2 SN: 706	1/20/2026	17.0	2.470	49.283	52.300	-5.77%	1.190	23.744	24.500	-3.09%	
				2400	41.29	39.30	5.07%	1.64	1.75	-6.15%													
				2500	41.15	39.14	5.14%	1.72	1.85	-7.18%													
SAR 5	6/25/2025	Head	2450	2450	41.93	39.20	6.96%	1.75	1.80	-2.72%	6/25/2025	D2450V2 SN: 706	1/20/2026	17.0	2.500	49.882	52.300	-4.62%	1.210	24.143	24.500	-1.46%	
				2400	41.98	39.30	6.83%	1.71	1.75	-2.38%													
				2500	41.86	39.14	6.96%	1.79	1.85	-3.40%													
SAR 5	6/29/2025	Head	2450	2450	41.87	39.20	6.81%	1.70	1.80	-5.33%	6/29/2025	D2450V2 SN: 706	1/20/2026	17.0	2.600	51.877	52.300	-0.81%	1.250	24.941	24.500	1.80%	
				2400	41.85	39.30	6.50%	1.65	1.75	-5.92%													
				2500	41.78	39.14	6.75%	1.73	1.85	-6.58%													
SAR 5	7/2/2025	Head	2450	2450	41.53	39.20	5.94%	1.72	1.80	-4.44%	7/2/2025	D2450V2 SN: 706	1/20/2026	17.0	2.490	49.682	52.300	-5.01%	1.210	24.143	24.500	-1.46%	
				2400	41.60	39.30	5.86%	1.69	1.75	-3.80%													
				2500	41.45	39.14	5.91%	1.76	1.85	-5.07%													
SAR 5	7/6/2025	Head	2450	2450	41.68	39.20	6.33%	1.69	1.80	-5.89%	7/6/2025	D2450V2 SN: 748	2/8/2026	17.0	2.490	49.682	51.700	-3.90%	1.200	23.943	24.200	-1.06%	79
				2400	41.73	39.30	6.19%	1.65	1.75	-5.80%													
				2500	41.59	39.14	6.27%	1.73	1.85	-6.64%													
SAR 5	7/9/2025	Head	2450	2450	39.06	39.20	-0.36%	1.72	1.80	-4.44%	7/9/2025	D2450V2 SN: 706	1/20/2026	17.0	2.630	52.475	52.300	0.34%	1.270	25.340	24.500	3.43%	
				2400	39.10	39.30	-0.50%	1.68	1.75	-4.15%													
				2500	38.95	39.14	-0.48%	1.76	1.85	-5.34%													
SAR 5	7/13/2025	Head	2450	2450	41.01	39.20	4.62%	1.70	1.80	-5.56%	7/13/2025	D2450V2 SN: 706	1/20/2026	17.0	2.530	50.480	52.300	-3.48%	1.190	23.744	24.500	-3.09%	
				2400	41.07	39.30	4.51%	1.66	1.75	-5.18%													
				2500	40.93	39.14	4.58%	1.74	1.85	-6.10%													
SAR 5	7/16/2025	Head	2450	2450	41.64	39.20	6.22%	1.71	1.80	-5.17%	7/16/2025	D2450V2 SN: 706	1/20/2026	17.0	2.550	50.879	52.300	-2.72%	1.230	24.542	24.500	0.17%	
				2400	41.64	39.30	5.96%	1.66	1.75	-5.23%													
				2500	41.51	39.14	6.06%	1.74	1.85	-6.42%													
SAR 5	7/20/2025	Head	2450	2450	40.50	39.20	3.32%	1.72	1.80	-4.67%	7/20/2025	D2450V2 SN: 706	1/20/2026	17.0	2.450	48.884	52.300	-6.53%	1.140	22.748	24.500	-7.16%	
				2400	40.54	39.30	3.16%	1.67	1.75	-4.43%													
				2500	40.43	39.14	3.30%	1.75	1.85	-5.83%													
SAR 5	7/23/2025	Head	2450	2450	38.00	39.20	-3.06%	1.70	1.80	-5.67%	7/23/2025	D2450V2 SN: 748	2/8/2026	17.0	2.610	52.076	51.700	0.73%	1.270	25.340	24.200	4.71%	
				2400	38.05	39.30	-3.17%	1.66	1.75	-5.35%													
				2500	37.91	39.14	-3.13%	1.74	1.85	-6.42%													
SAR 5	7/27/2025	Head	2450	2450	41.03	39.20	4.67%	1.86	1.80	3.56%	7/27/2025	D2450V2 SN: 748	2/8/2026	17.0	2.600	51.877	51.700	0.34%	1.260	25.140	24.200	3.89%	
				2400	41.08	39.30	4.54%	1.82	1.75	4.02%													
				2500	40.92	39.14	4.56%	1.91	1.85	2.80%													
SAR 5	7/30/2025	Head	2450	2450	41.77	39.20	6.56%	1.70	1.80	-5.78%	7/30/2025	D2450V2 SN: 706	1/20/2026	17.0	2.570	51.278	52.300	-1.95%	1.250	24.941	24.500	1.80%	
				2400	41.82	39.30	6.42%	1.66	1.75	-5.35%													
				2500	41.67	39.14	6.47%	1.73	1.85	-6.53%													
SAR 5	8/3/2025	Head	2450	2450	40.41	39.20	3.09%	1.84	1.80	2.28%	8/3/2025	D2450V2 SN: 706	1/20/2026	17.0	2.710	54.072	52.300	3.39%	1.320	26.337	24.500	7.50%	
				2400	40.46	39.30	2.96%	1.80	1.75	2.93%													
				2500	40.33	39.14	3.05%	1.88	1.85	1.35%													
SAR 5	8/6/2025	Head	2450	2450	39.57	39.20	0.94%	1.69	1.80	-6.28%	8/6/2025	D2450V2 SN: 706	1/20/2026	17.0	2.660	53.074	52.300	1.48%	1.300	25.938	24.500	5.87%	
				2400	39.62	39.30	0.82%	1.65	1.75	-5.86%													
				2500	39.48	39.14	0.88%	1.73	1.85	-6.74%													
SAR 5	8/10/2025	Head	2450	2450	40.83	39.20	4.16%	1.68	1.80	-6.56%	8/10/2025	D2450V2 SN: 706	1/20/2026	17.0	2.540	50.680	52.300	-3.10%	1.230	24.542	24.500	0.17%	
				2400	40.91	39.30	4.11%	1.65	1.75	-5.92%													
				2500	40.76	39.14	4.15%	1.72	1.85	-7.18%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 6	8/6/2025	Head	2300	2300	41.47	39.47	5.06%	1.57	1.66	-5.75%	8/6/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.280	45.492	48.700	-6.59%	1.140	22.746	23.800	-4.43%	
				2350	41.45	39.38	5.24%	1.61	1.71	-5.95%													
				2400	41.37	39.30	5.28%	1.64	1.75	-6.20%													
SAR 6	8/6/2025	Head	5750	5750	36.22	35.36	2.42%	4.93	5.21	-5.52%	8/6/2025	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2026	17.0	3.820	76.219	78.300	-2.66%	1.110	22.147	22.200	-0.24%	
				5700	36.27	35.42	2.40%	4.86	5.16	-5.96%													
				5850	36.07	35.30	2.18%	5.12	5.32	-3.83%													
SAR 6	8/10/2025	Head	2300	2300	42.68	39.47	8.13%	1.59	1.66	-4.73%	8/10/2025	D2300V2 SN: 1002	4/11/2026	17.0	2.270	45.292	48.700	-7.00%	1.130	22.546	23.800	-5.27%	
				2350	42.59	39.38	8.14%	1.62	1.71	-4.96%													
				2400	42.52	39.30	8.20%	1.66	1.75	-5.06%													
SAR 6	8/10/2025	Head	5750	5750	36.94	35.36	4.46%	5.12	5.21	-1.76%	8/10/2025	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2026	17.0	3.840	76.618	78.300	-2.15%	1.130	22.546	22.200	1.56%	
				5700	37.04	35.42	4.57%	5.02	5.16	-2.78%													
				5850	36.77	35.30	4.16%	5.30	5.32	-0.36%													

Liquid Check										System Check																	
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Measured results for APD 4 cm²				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 7	5/13/2025	Head	5250	5250	35.29	35.93	-1.79%	4.40	4.70	-6.53%	5/13/2025	D6GHv2 SN 1003 (5.25 GHz)	2/22/2026	20.0	7.730	77.300	80.300	-3.74%	2.260	22.600	22.900	-1.31%					
				5150	35.32	36.05	-2.02%	4.26	4.60	-7.50%																	
				5350	34.86	35.82	-2.68%	4.41	4.80	-8.13%																	
				5600	34.53	35.53	-2.83%	4.75	5.06	-6.05%																	
SAR 7	5/13/2025	Head	5600	5500	34.66	35.65	-2.77%	4.62	4.96	-6.76%	5/13/2025	D6GHv2 SN 1003 (5.60 GHz)	2/22/2026	20.0	8.140	81.400	83.000	-1.93%	2.340	23.400	23.700	-1.27%					
				5725	34.26	35.39	-3.20%	4.85	5.19	-6.52%																	
				5250	36.50	35.93	1.58%	4.49	4.70	-4.51%																	
				5150	36.57	36.05	1.45%	4.35	4.60	-5.45%																	
SAR 7	5/16/2025	Head	5250	5350	36.06	35.62	0.67%	4.52	4.80	-6.00%	5/16/2025	D6GHv2 SN 1003 (5.25 GHz)	2/22/2026	20.0	7.590	75.900	80.300	-6.48%	2.210	22.100	22.900	-3.49%					84
				5600	35.77	35.53	0.66%	4.86	5.06	-3.92%																	
				5500	35.88	35.65	0.65%	4.74	4.96	-4.50%																	
				5725	35.49	35.39	0.28%	4.97	5.19	-4.19%																	
SAR 7	5/16/2025	Head	5600	6500	33.56	34.50	-2.72%	5.92	6.07	-2.42%	5/16/2025	D6GHv2 SN 1003 (5.60 GHz)	2/22/2026	20.0	7.900	79.000	83.000	-4.82%	2.270	22.700	23.700	-4.22%					85
				5900	34.75	35.20	-1.28%	5.22	5.38	-3.01%																	
				5600	35.41	34.50	2.64%	6.11	6.07	0.61%																	
				5725	35.49	35.39	0.28%	4.97	5.19	-4.19%																	
SAR 7	5/20/2025	Head	6500	7200	32.38	33.70	-3.92%	6.70	6.89	-2.82%	5/20/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.700	313.256	291.000	7.65%	2.970	59.259	54.200	9.33%	71.700	1430.603	1320.000	8.38%	
				6500	35.41	34.50	2.64%	6.11	6.07	0.61%																	
				5900	36.64	35.20	4.09%	5.37	5.38	-0.20%																	
				7200	34.22	33.70	1.54%	6.91	6.89	0.28%																	
SAR 7	5/23/2025	Head	6500	6500	35.84	34.50	3.88%	5.89	6.07	-3.03%	5/23/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.000	299.289	291.000	2.85%	2.760	55.069	54.200	1.60%	66.700	1330.840	1320.000	0.82%	
				5900	35.41	34.50	2.64%	6.11	6.07	0.61%																	
				5900	36.64	35.20	4.09%	5.37	5.38	-0.20%																	
				7200	34.22	33.70	1.54%	6.91	6.89	0.28%																	
SAR 7	5/27/2025	Head	6500	5900	35.84	34.50	3.88%	5.89	6.07	-3.03%	5/27/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	14.300	285.323	291.000	-1.95%	2.620	52.276	54.200	-3.55%	63.500	1266.992	1320.000	-4.02%	
				7200	34.80	33.70	3.26%	6.70	6.89	-2.74%																	
				6500	34.34	34.50	-0.46%	5.99	6.07	-1.32%																	
				5900	35.43	35.20	0.65%	5.27	5.38	-2.14%																	
SAR 7	5/30/2025	Head	6500	7200	33.20	33.70	-1.48%	6.78	6.89	-1.61%	5/30/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.500	309.266	291.000	6.28%	2.880	57.464	54.200	6.02%	69.800	1392.693	1320.000	5.51%	
				6500	34.22	34.50	-0.81%	5.83	6.07	-3.97%																	
				5900	35.28	35.20	0.23%	5.11	5.38	-4.96%																	
				7200	33.15	33.70	-1.63%	6.61	6.89	-4.05%																	
SAR 7	6/1/2025	Head	6500	6500	34.31	34.50	-0.55%	5.85	6.07	-3.59%	6/1/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	14.900	297.294	291.000	2.16%	2.750	54.870	54.200	1.24%	66.700	1330.840	1320.000	0.82%	
				5900	35.42	35.20	0.62%	5.13	5.38	-4.70%																	
				7200	33.27	33.70	-1.28%	6.60	6.89	-4.25%																	
				6500	35.84	34.50	3.88%	6.05	6.07	-0.26%																	
SAR 7	6/4/2025	Head	6500	5900	35.42	35.20	0.62%	5.13	5.38	-4.70%	6/4/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.800	315.251	291.000	8.23%	2.930	58.461	54.200	7.86%	71.000	1416.636	1320.000	7.32%	
				7200	33.27	33.70	-1.28%	6.60	6.89	-4.25%																	
				6500	35.84	34.50	3.88%	6.05	6.07	-0.26%																	
				5900	36.68	35.20	4.20%	5.32	5.38	-1.08%																	
SAR 7	6/6/2025	Head	6500	7200	34.82	33.70	3.32%	6.86	6.89	-0.45%	6/6/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.500	309.266	291.000	6.28%	2.820	56.266	54.200	3.81%	68.300	1362.764	1320.000	3.24%	
				6500	33.82	34.50	-1.97%	5.91	6.07	-2.69%																	
				5900	34.88	35.20	-0.91%	5.19	5.38	-3.55%																	
				7200	32.85	33.70	-2.52%	6.66	6.89	-3.31%																	
SAR 7	6/11/2025	Head	6500	6500	35.48	34.50	2.78%	5.92	6.07	-2.52%	6/11/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	14.300	285.323	291.000	-1.95%	2.800	55.867	54.200	3.08%	67.400	1344.807	1320.000	1.88%	
				5900	36.52	35.20	3.75%	5.17	5.38	-3.87%																	
				7200	34.33	33.70	1.87%	6.74	6.89	-2.13%																	
				6500	35.50	34.50	2.90%	5.87	6.07	-3.33%																	
SAR 7	6/18/2025	Head	6500	5900	36.58	35.20	3.92%	5.15	5.38	-4.24%	6/18/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.100	301.285	291.000	3.53%	2.900	57.863	54.200	6.76%	70.600	1408.655	1320.000	6.72%	
				7200	34.75	33.70	3.12%	6.68	6.89	-3.12%																	
				6500	34.80	34.50	0.87%	5.89	6.07	-3.01%																	
				5900	35.87	35.20	1.90%	5.16	5.38	-4.11%																	
SAR 7	6/22/2025	Head	6500	7200	33.67	33.70	-0.09%	6.66	6.89	-3.37%	6/22/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	14.800	297.294	291.000	2.16%	2.780	55.468	54.200	2.34%	67.200	1340.816	1320.000	1.58%	
				6500	34.70	34.50	0.58%	6.03	6.07	-0.64%																	
				5900	35.91	35.20	2.02%	5.32	5.38	-1.06%																	
				7200	33.54	33.70	-0.47%	6.82	6.89	-0.97%																	
SAR 7	6/25/2025	Head	6500	6500	34.70	34.50	0.58%	6.03	6.07	-0.64%	6/25/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	14.600	291.308	291.000	0.11%	2.670	53.274	54.200	-1.71%	64.600	1288.939	1320.000	-2.35%	
				5900	35.91	35.20	2.02%	5.32	5.38	-1.06%																	
				7200	33.54	33.70	-0.47%	6.82	6.89	-0.97%																	
				6500	34.70	34.50	0.58%	6.03	6.07	-0.64%																	
SAR 7	6/29/2025	Head	6500	5900	35.91	35.20	2.02%	5.32	5.38	-1.06%	6/29/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.800	317.247	291.000	9.82%	2.950	58.860	54.200	8.60%	71.500	1426.813	1320.000	8.08%	86
				7200	33.54	33.70	-0.47%	6.82	6.89	-0.97%																	
				6500	35.34	34.50	2.43%	5.95	6.07	-1.98%																	
				5900	36.51	35.20	3.72%	5.19	5.38	-3.53%																	
SAR 7	7/3/2025	Head	6500	7200	34.14	33.70	1.31%	6.75	6.89	-2.09%	7/3/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	14.700	293.304	291.000	0.73%	2.850	56.865	54.200	4.92%	68.700	1370.745	1320.000	3.84%	
				6500	34.34	34.50	-0.46%	5.84	6.07	-3.79%																	
				5900	35.48	35.20	0.80%	5.12	5.38	-4.76%																	
				7200	33.14	33.70	-1.66%	6.62	6.89	-3.96%																	
SAR 7	7/6/2025	Head	6500	8500	35.22	34.50	2.09%	6.04	6.07	-0.49%	7/6/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	15.500	309.266	291.000	6.28%	2.960	59.060	54.200	8.97%	71.500	1426.813	1320.000	8.08%	
				5900	36.25	35.20	3.10%	5.34	5.38	-0.74%																	
				7200	33.95	33.70	0.74%	6.76	6.89	-1.89%																	
				6500	35.33	34.50	2.41%	5.90	6.07	-2.87%																	
SAR 7	7/13/2025	Head	6500	5900	36.37	35.20	3.32%	5.17	5.38	-3.90%	7/13/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	13.900	277.341	291.000	-4.69%	2.520	50.281	54.200	-7.23%	61.200	1221.101	1320.000	-7.49%	
				7200	34.24	33.70	1.60%	6.64	6.89	-3.67%																	
				6500	34.51	34.50	0.03%	5.94	6.07	-2.14%																	
				5900	35.68	35.20	1.36%	5.19	5.38	-3.53%																	
SAR 7	7/16/2025	Head	6500	7200	33.47	33.70	-0.68%	6.71	6.89	-2.61%	7/16/2025	D6.5GHv2 SN 1032	4/14/2026	17.0	14.800	295.299	291.000	1.48%	2.810	56.067	54.200	3.44%	67.600	1352.788	1320.000	2.48%	
				6500	35.58	34.50	3.13%	5.85	6.07	-3.71%																	
				5900	36.65	35.20	4.12%	5.16	5.38	-4.14%																	
				7200	34.31	33.70	1.81%	6.69	6.89	-2.93%																	
SAR 7	7/20/2025	Head	6500	6500	34.57	34.50	0.20%	5.91	6.07	-2.64%	7/20/2025	D6.5GHv2 SN 1033	3/15/2026	17.0	13.900	277.341	288.000	-3.70%	2.540	50.680	53.100	-4.56%	61.500	1227.086	1300.000	-5.61%	87
				5900	36.65	35.20	4.12%	5.16	5.38	-4.14%																	
				7200	34.31	33.70	1.81%	6.69	6.89	-2.93%																	
				6500	34.57	34.50	0.20%	5.91	6.07	-2.64%																	
SAR 7	7/23/2025	Head	6500	9900	35.72	35.20	1.48%	5.20	5.38	-3.35%	7/23/2025	D6.5GHv2 SN 1032	4/14/2026	17.0													

Liquid Check										System Check																				
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ε _r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR					Measured results for 10-g SAR					Measured results for APD 4 cm²					Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%				
SAR 8	5/19/2025	Head	6500	6500	34.88	34.50	1.10%	5.97	6.07	-1.65%	5/19/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	13.600	271.356	291.000	-6.75%	2.540	50.680	54.200	-6.50%	61.600	1229.082	1320.000	-6.89%				
				5900	35.94	35.20	2.10%	5.26	5.38	-2.32%																				
				7200	33.75	33.70	0.15%	6.78	6.89	-1.54%																				
SAR 8	5/23/2025	Head	6500	6500	34.76	34.50	0.75%	5.91	6.07	-2.62%	5/23/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.800	285.299	291.000	1.48%	2.740	54.670	54.200	0.87%	66.400	1324.854	1320.000	0.37%				
				5900	35.97	35.20	2.19%	5.19	5.38	-3.61%																				
				7200	33.53	33.70	-0.50%	6.69	6.89	-2.93%																				
SAR 8	5/27/2025	Head	6500	6500	33.76	34.50	-2.14%	5.86	6.07	-3.48%	5/27/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.700	283.304	291.000	0.79%	2.670	53.274	54.200	-1.71%	64.800	1292.930	1320.000	-2.05%				
				5900	34.91	35.20	-0.82%	5.14	5.38	-4.44%																				
				7200	32.63	33.70	-3.18%	6.63	6.89	-3.74%																				
SAR 8	5/31/2025	Head	6500	6500	35.51	34.50	2.93%	5.83	6.07	-3.95%	5/31/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	13.700	273.351	291.000	-6.06%	2.520	50.281	54.200	-7.23%	61.000	1217.110	1320.000	-7.79%				
				5900	36.39	35.20	3.38%	5.13	5.38	-4.65%																				
				7200	34.61	33.70	2.70%	6.60	6.89	-4.21%																				
SAR 8	6/1/2025	Head	6500	6500	33.67	34.50	-2.70%	5.82	6.07	-4.14%	6/1/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	14.300	285.323	288.000	-0.93%	2.640	52.675	53.100	-0.80%	64.000	1276.968	1300.000	-1.77%				
				5900	34.61	35.20	-1.68%	5.11	5.38	-4.98%																				
				7200	32.37	33.70	-3.95%	6.58	6.89	-4.56%																				
SAR 8	6/4/2025	Head	6500	6500	33.78	34.50	-2.09%	5.90	6.07	-2.80%	6/4/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	14.400	287.318	288.000	-0.24%	2.640	52.675	53.100	-0.80%	64.000	1276.968	1300.000	-1.77%				
				5900	34.89	35.20	-0.88%	5.20	5.38	-3.35%																				
				7200	32.71	33.70	-2.94%	6.65	6.89	-3.48%																				
SAR 8	6/8/2025	Head	6500	6500	35.57	34.50	3.10%	6.07	6.07	-0.03%	6/8/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	15.200	303.280	291.000	4.22%	2.720	54.271	54.200	0.13%	66.100	1318.868	1320.000	-0.09%				
				5900	36.77	35.20	4.46%	5.31	5.38	-1.32%																				
				7200	34.34	33.70	1.90%	6.88	6.89	-0.12%																				
SAR 8	6/12/2025	Head	6500	6500	34.75	34.50	0.72%	5.89	6.07	-2.97%	6/12/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.300	285.323	291.000	-1.95%	2.630	52.475	54.200	-3.18%	63.600	1268.987	1320.000	-3.86%				
				5900	35.87	35.20	1.90%	5.16	5.38	-4.09%																				
				7200	33.67	33.70	-0.09%	6.70	6.89	-2.76%																				
SAR 8	6/15/2025	Head	6500	6500	34.76	34.50	0.75%	5.87	6.07	-3.36%	6/15/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.500	289.313	291.000	-0.58%	2.650	52.874	54.200	-2.45%	64.200	1280.958	1320.000	-2.96%				
				5900	35.82	35.20	1.76%	5.13	5.38	-4.65%																				
				7200	33.60	33.70	-0.30%	6.64	6.89	-3.57%																				
SAR 8	6/18/2025	Head	6500	6500	33.85	34.50	-1.88%	5.83	6.07	-3.95%	6/18/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.800	275.346	288.000	-4.39%	2.550	50.879	53.100	-4.18%	61.900	1235.067	1300.000	-4.99%				
				5900	34.97	35.20	-0.65%	5.13	5.38	-4.65%																				
				7200	32.58	33.70	-3.32%	6.67	6.89	-3.16%																				
SAR 8	6/22/2025	Head	6500	6500	34.72	34.50	0.64%	5.90	6.07	-2.85%	6/22/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.300	285.323	291.000	-1.95%	2.610	52.076	54.200	-3.92%	63.200	1261.006	1320.000	-4.47%				
				5900	35.77	35.20	1.62%	5.17	5.38	-3.90%																				
				7200	33.61	33.70	-0.27%	6.66	6.89	-3.37%																				
SAR 8	6/25/2025	Head	6500	6500	35.66	34.50	3.38%	6.00	6.07	-1.22%	6/25/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.700	273.351	288.000	-5.09%	2.510	50.081	53.100	-5.69%	60.800	1213.119	1300.000	-6.68%				
				5900	36.70	35.20	4.26%	5.27	5.38	-2.12%																				
				7200	34.56	33.70	2.55%	6.75	6.89	-1.99%																				
SAR 8	6/29/2025	Head	6500	6500	35.45	34.50	2.75%	6.36	6.07	4.74%	6/29/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	15.700	313.256	288.000	8.77%	2.840	56.665	53.100	6.71%	66.900	1374.736	1300.000	5.75%	88			
				5900	36.91	35.20	4.86%	5.57	5.38	3.44%																				
				7200	33.87	33.70	0.50%	7.23	6.89	4.98%																				
SAR 8	7/2/2025	Head	6500	6500	34.13	34.50	-1.07%	5.91	6.07	-2.69%	7/2/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.800	275.346	288.000	-4.39%	2.520	50.281	53.100	-5.31%	61.100	1219.105	1300.000	-6.22%				
				5900	35.29	35.20	0.26%	5.20	5.38	-3.42%																				
				7200	33.10	33.70	-1.78%	6.66	6.89	-3.40%																				
SAR 8	7/6/2025	Head	6500	6500	33.57	34.50	-2.70%	5.83	6.07	-3.90%	7/6/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.700	273.351	288.000	-5.09%	2.530	50.480	53.100	-4.93%	61.300	1223.096	1300.000	-5.92%				
				5900	34.70	35.20	-1.42%	5.13	5.38	-4.74%																				
				7200	32.32	33.70	-4.09%	6.60	6.89	-4.27%																				
SAR 8	7/9/2025	Head	6500	6500	34.48	34.50	-0.06%	5.90	6.07	-2.82%	7/9/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	13.500	269.360	291.000	-7.44%	2.470	49.283	54.200	-9.07%	59.800	1193.167	1320.000	-9.61%	89			
				5900	35.57	35.20	1.05%	5.23	5.38	-2.86%																				
				7200	33.37	33.70	-0.98%	6.63	6.89	-3.79%																				
SAR 8	7/13/2025	Head	6500	6500	35.01	34.50	1.48%	5.96	6.07	-1.86%	7/13/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	13.700	273.351	291.000	-6.06%	2.520	50.281	54.200	-7.23%	61.100	1219.105	1320.000	-7.64%				
				5900	36.08	35.20	2.50%	5.23	5.38	-2.88%																				
				7200	33.89	33.70	0.56%	6.68	6.89	-3.00%																				
SAR 8	7/16/2025	Head	6500	6500	34.32	34.50	-0.52%	5.86	6.07	-3.44%	7/16/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.200	263.375	288.000	-8.55%	2.430	48.485	53.100	-8.69%	58.800	1173.214	1300.000	-9.75%				
				5900	35.43	35.20	0.65%	5.14	5.38	-4.44%																				
				7200	33.16	33.70	-1.60%	6.64	6.89	-3.70%																				
SAR 8	7/20/2025	Head	6500	6500	35.34	34.50	2.43%	6.12	6.07	0.76%	7/20/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.900	297.294	291.000	2.16%	2.760	55.069	54.200	1.60%	66.700	1330.840	1320.000	0.82%				
				5900	36.46	35.20	3.58%	5.40	5.38	0.33%																				
				7200	33.95	33.70	0.74%	6.93	6.89	0.64%																				
SAR 8	7/23/2025	Head	6500	6500	33.25	34.50	-3.62%	5.89	6.07	-2.97%	7/23/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.400	267.365	288.000	-7.16%	2.480	49.483	53.100	-6.81%	59.900	1195.162	1300.000	-8.06%				
				5900	34.39	35.20	-2.30%	5.19	5.38	-3.53%																				
				7200	32.07	33.70	-4.84%	6.66	6.89	-3.34%																				
SAR 8	7/27/2025	Head	6500	6500	33.87	34.50	-1.63%	5.91	6.07	-2.64%	7/27/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	14.000	279.337	288.000	-3.01%	2.540	50.680	53.100	-4.56%	61.400	1225.091	1300.000	-5.76%				
				5900	34.97	35.20	-0.65%	5.20	5.38	-3.40%																				
				7200	32.57	33.70	-3.35%	6.70	6.89	-2.71%																				
SAR 8	7/30/2025	Head	6500	6500	35.46	34.50	2.78%	6.06	6.07	-0.12%	7/30/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.400	267.365	288.000	-7.16%	2.440	48.684	53.100	-8.32%	59.200	1181.195	1300.000	-9.14%				
				5900	36.59	35.20	3.95%	5.29	5.38	-1.60%																				
				7200	34.25	33.70	1.63%	6.85	6.89	-0.65%																				
SAR 8	8/3/2025	Head	6500	6500	34.27	34.50	-0.67%	6.17	6.07	1.71%	8/3/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	15.500	309.266	291.000	6.28%	2.870	57.264	54.200	5.65%	69.500	1386.707	1320.000	5.05%				
				5900	35.49	35.20	0.82%	5.43	5.38	0.99%																				
				7200	33.08	33.70	-1.84%	7.00	6.89	1.52%																				
SAR 8	8/6/2025	Head	6500	6500	33.37	34.50	-3.28%	5.85	6.07	-3.62%	8/6/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.900	297.294	291.000	2.16%	2.760	55.069	54.200	1.60%	66.800	1332.835	1320.000	0.97%				
				5900	34.54	35.20	-1.88%	5.15	5.38	-4.28%																				
				7200	32.28	33.70	-4.21%	6.62	6.89	-3.92%																				
SAR 8	8/10/2025	Head	6500	6500	34.26	34.50	-0.70%	6.05	6.07	-0.28%	8/10/2025	D6.5GHzV2 SN 1032	4/14/2026	17.0	14.900	297.294	291.000	2.16%	2.730	54.471	54.200	0.50%	66.500	1326.849	1320.000	0.52%				
				5900	35.47	35.20	0.77%	5.32	5.38	-1.13%																				
				7200	33.13	33.70	-1.69%	6.86	6.89	-0.49%																				

Liquid Check										System Check																	
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Measured results for APD 4 cm²				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 9	5/13/2025	Head	6500	6500	34.97	34.50	1.36%	5.84	6.07	-3.82%	5/13/2025	D6.5GHzV2 SN: 1033	3/15/2026	20.0	27.700	277.000	288.000	-3.82%	5.170	51.700	53.100	-2.64%	125.000	1250.000	1300.000	-3.85%	
				5900	36.07	35.20	2.47%	5.15	5.38	-4.31%																	
				7200	33.93	33.70	0.68%	6.65	6.89	-3.54%																	
SAR 9	5/16/2025	Head	6500	6500	35.43	34.50	2.70%	5.88	6.07	-3.16%	5/16/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.400	287.318	288.000	-0.24%	2.670	53.274	53.100	0.33%	64.600	1288.939	1300.000	-0.85%	
				5900	36.50	35.20	3.69%	5.15	5.38	-4.29%																	
				7200	34.33	33.70	1.87%	6.64	6.89	-3.70%																	
SAR 9	5/20/2025	Head	6500	6500	34.44	34.50	-0.17%	5.81	6.07	-4.37%	5/20/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.200	283.327	288.000	-1.62%	2.610	52.076	53.100	-1.93%	63.300	1263.001	1300.000	-2.85%	
				5900	35.49	35.20	0.82%	5.07	5.38	-5.76%																	
				7200	33.21	33.70	-1.45%	6.61	6.89	-4.12%																	
SAR 9	5/23/2025	Head	6500	6500	35.39	34.50	2.58%	5.91	6.07	-2.72%	5/23/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.200	283.327	288.000	-1.62%	2.650	52.874	53.100	-0.42%	64.000	1276.968	1300.000	-1.77%	
				5900	36.53	35.20	3.78%	5.17	5.38	-3.98%																	
				7200	34.24	33.70	1.60%	6.69	6.89	-2.96%																	
SAR 9	5/27/2025	Head	6500	6500	34.62	34.50	0.35%	5.81	6.07	-4.27%	5/27/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	13.200	263.375	288.000	-8.65%	2.450	48.884	53.100	-7.94%	59.400	1185.186	1300.000	-8.83%	90
				5900	35.74	35.20	1.53%	5.08	5.38	-5.59%																	
				7200	33.53	33.70	-0.50%	6.58	6.89	-4.51%																	
SAR 9	5/30/2025	Head	6500	6500	35.77	34.50	3.68%	6.01	6.07	-0.94%	5/30/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	15.400	307.270	288.000	6.69%	2.850	56.865	53.100	7.09%	69.400	1384.712	1300.000	6.52%	
				5900	36.85	35.20	4.69%	5.26	5.38	-2.16%																	
				7200	34.64	33.70	2.79%	6.82	6.89	-1.02%																	
SAR 9	6/1/2025	Head	6500	6500	35.79	34.50	3.74%	5.90	6.07	-2.87%	6/1/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	15.400	307.270	288.000	6.69%	2.880	57.464	53.100	8.22%	69.800	1392.693	1300.000	7.13%	
				5900	36.83	35.20	4.63%	5.15	5.38	-4.20%																	
				7200	34.69	33.70	2.94%	6.69	6.89	-2.96%																	
SAR 9	6/4/2025	Head	6500	6500	35.07	34.50	1.65%	5.93	6.07	-2.36%	6/4/2025	D6.5GHzV2 SN: 1032	4/14/2026	17.0	15.200	303.280	291.000	4.22%	2.820	56.266	54.200	3.81%	68.300	1362.764	1320.000	3.24%	
				5900	36.20	35.20	2.84%	5.17	5.38	-3.90%																	
				7200	34.04	33.70	1.01%	6.70	6.89	-2.82%																	
SAR 9	6/8/2025	Head	6500	6500	35.81	34.50	3.80%	5.87	6.07	-3.36%	6/8/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.700	293.304	288.000	1.84%	2.730	54.471	53.100	2.58%	66.100	1318.868	1300.000	1.45%	
				5900	36.88	35.20	4.77%	5.13	5.38	-4.72%																	
				7200	34.58	33.70	2.61%	6.67	6.89	-3.25%																	
SAR 9	6/11/2025	Head	6500	6500	34.94	34.50	1.28%	5.92	6.07	-2.52%	6/11/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	13.800	275.346	288.000	-4.39%	2.570	51.278	53.100	-3.43%	62.300	1243.048	1300.000	-4.38%	
				5900	36.08	35.20	2.50%	5.18	5.38	-3.81%																	
				7200	33.78	33.70	0.24%	6.76	6.89	-1.92%																	
SAR 9	6/15/2025	Head	6500	6500	35.47	34.50	2.81%	5.93	6.07	-2.32%	6/15/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	13.700	273.351	288.000	-5.09%	2.560	51.079	53.100	-3.81%	62.000	1237.063	1300.000	-4.84%	
				5900	36.58	35.20	3.92%	5.18	5.38	-3.68%																	
				7200	34.25	33.70	1.63%	6.74	6.89	-2.13%																	
SAR 9	6/18/2025	Head	6500	6500	35.35	34.50	2.46%	5.87	6.07	-3.29%	6/18/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.700	293.304	288.000	1.84%	2.760	55.069	53.100	3.71%	66.700	1330.840	1300.000	2.37%	
				5900	36.50	35.20	3.69%	5.13	5.38	-4.61%																	
				7200	33.99	33.70	0.86%	6.73	6.89	-2.28%																	
SAR 9	6/22/2025	Head	6500	6500	34.90	34.50	1.16%	6.02	6.07	-0.82%	6/22/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	15.200	303.280	288.000	5.31%	2.840	56.665	53.100	6.71%	68.800	1372.740	1300.000	5.60%	
				5900	36.03	35.20	2.36%	5.27	5.38	-2.01%																	
				7200	33.74	33.70	0.12%	6.81	6.89	-1.19%																	
SAR 9	6/25/2025	Head	6500	6500	35.66	34.50	3.36%	5.87	6.07	-3.28%	6/25/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.800	295.299	288.000	2.53%	2.760	55.069	53.100	3.71%	66.800	1332.835	1300.000	2.53%	
				5900	36.76	35.20	4.43%	5.15	5.38	-4.29%																	
				7200	34.61	33.70	2.70%	6.67	6.89	-3.24%																	
SAR 9	6/29/2025	Head	6500	6500	35.57	34.50	3.10%	5.97	6.07	-1.58%	6/29/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.900	297.294	288.000	3.23%	2.750	54.870	53.100	3.33%	66.500	1326.849	1300.000	2.07%	
				5900	36.92	35.20	4.89%	5.22	5.38	-2.99%																	
				7200	34.01	33.70	0.92%	6.85	6.89	-0.55%																	
SAR 9	7/2/2025	Head	6500	6500	35.24	34.50	2.14%	6.06	6.07	-0.25%	7/2/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.300	285.323	288.000	-0.93%	2.680	53.473	53.100	0.70%	64.900	1294.925	1300.000	-0.39%	
				5900	36.38	35.20	3.35%	5.31	5.38	-1.28%																	
				7200	34.20	33.70	1.48%	6.88	6.89	-0.15%																	
SAR 9	7/6/2025	Head	6500	6500	35.12	34.50	1.80%	6.26	6.07	3.05%	7/6/2025	D6.5GHzV2 SN: 1032	4/14/2026	17.0	15.500	309.266	291.000	6.28%	2.890	57.663	54.200	6.39%	70.000	1396.684	1320.000	5.81%	
				5900	36.47	35.20	3.61%	5.45	5.38	1.36%																	
				7200	33.72	33.70	0.06%	7.10	6.89	2.96%																	
SAR 9	7/9/2025	head	6500	6500	35.19	34.50	2.00%	5.99	6.07	-1.32%	7/9/2025	D6.5GHzV2 SN: 1032	4/14/2026	17.0	15.600	311.261	291.000	6.96%	2.910	58.062	54.200	7.13%	70.600	1408.655	1320.000	6.72%	91
				5900	36.24	35.20	2.95%	5.30	5.38	-1.52%																	
				7200	33.97	33.70	0.80%	6.72	6.89	-2.53%																	
SAR 9	7/13/2025	Head	6500	6500	33.63	34.50	-2.52%	5.85	6.07	-3.61%	7/13/2025	D6.5GHzV2 SN: 1032	4/14/2026	17.0	14.900	297.294	291.000	2.16%	2.810	56.067	54.200	3.44%	67.900	1354.783	1320.000	2.64%	
				5900	34.74	35.20	-1.31%	5.13	5.38	-4.61%																	
				7200	32.50	33.70	-3.56%	6.59	6.89	-4.35%																	
SAR 9	7/16/2025	Head	6500	6500	35.66	34.50	3.36%	5.93	6.07	-2.26%	7/16/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.900	297.294	288.000	3.23%	2.820	56.266	53.100	5.96%	68.300	1362.764	1300.000	4.83%	
				5900	36.81	35.20	4.57%	5.18	5.38	-3.68%																	
				7200	34.57	33.70	2.58%	6.72	6.89	-2.50%																	
SAR 9	7/20/2025	Head	6500	6500	33.90	34.50	-1.74%	6.12	6.07	0.77%	7/20/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	15.300	305.275	288.000	6.00%	2.910	58.062	53.100	9.34%	70.500	1406.660	1300.000	8.20%	
				5900	35.04	35.20	-0.45%	5.42	5.38	0.80%																	
				7200	32.48	33.70	-3.62%	6.90	6.89	0.13%																	
SAR 9	7/23/2025	Head	6500	6500	35.34	34.50	2.43%	5.82	6.07	-4.12%	7/23/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	14.400	287.318	288.000	-0.24%	2.750	54.870	53.100	3.33%	66.500	1326.849	1300.000	2.07%	
				5900	36.49	35.20	3.66%	5.12	5.38	-4.87%																	
				7200	34.17	33.70	1.39%	6.59	6.89	-4.35%																	
SAR 9	7/27/2025	Head	6500	6500	33.26	34.50	-3.59%	5.95	6.07	-1.96%	7/27/2025	D6.5GHzV2 SN: 1033	3/15/2026	17.0	13.700	273.351	288.000	-5.09%	2.540	50.680	53.100	-4.56%	61.400	1225.091	1300.0		

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Liquid Check										System Check																	
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR			Measured results for 10-g SAR			Measured results for APD 4 cm²				Plot No.		
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W		Target (Ref. Value)	Delta ±10%
SAR 11	5/13/2025	Head	5750	5750	33.78	35.36	-4.48%	4.82	5.21	-7.51%	5/14/2025	D6GHV2 SN 1138 (5.75 GHz)	2/3/2026	20.0	7.560	75.600	78.300	-3.45%	2.200	22.000	22.200	-0.90%			94		
				5700	33.92	35.42	-4.23%	4.73	5.16	-8.42%																	
				5850	33.64	35.30	-4.70%	4.98	5.32	-6.41%																	
SAR 11	5/16/2025	Head	2450	2450	39.81	39.20	1.56%	1.63	1.80	-9.50%	5/17/2025	D2450V2 SN 706	1/20/2026	17.0	2.990	51.677	52.300	-1.19%	1.360	25.140	24.500	2.61%					
				2400	39.85	39.30	1.41%	1.59	1.75	-9.40%																	
				2500	39.71	39.14	1.46%	1.67	1.85	-9.98%																	
SAR 11	5/20/2025	Head	2450	2450	41.74	39.20	6.48%	1.70	1.80	-5.44%	5/20/2025	D2450V2 SN 748	2/8/2026	17.0	2.380	47.487	51.700	-8.16%	1.150	22.948	24.200	-5.18%			95		
				2400	41.80	39.30	6.37%	1.66	1.75	-5.12%																	
				2500	41.63	39.14	6.37%	1.74	1.85	-6.16%																	
SAR 11	5/23/2025	Head	2450	2450	42.79	39.20	9.16%	1.76	1.80	-2.50%	5/23/2025	D2450V2 SN 706	1/20/2026	17.0	2.380	47.487	52.300	-9.20%	1.140	22.746	24.500	-7.16%			96		
				2400	42.86	39.30	9.07%	1.71	1.75	-2.43%																	
				2500	42.69	39.14	9.08%	1.80	1.85	-3.13%																	
SAR 11	5/27/2025	Head	2450	2450	40.59	39.20	3.55%	1.70	1.80	-5.72%	5/27/2025	D2450V2 SN 706	1/20/2026	17.0	2.530	50.480	52.300	-3.48%	1.180	23.544	24.500	-3.90%					
				2400	40.66	39.30	3.47%	1.66	1.75	-5.36%																	
				2500	40.48	39.14	3.43%	1.73	1.85	-6.53%																	
SAR 11	5/30/2025	Head	6500	6500	36.54	35.20	3.81%	5.26	5.38	-2.30%	5/30/2025	D6.5GHzV2 SN 1033	3/15/2026	17.0	13.900	277.341	288.000	-3.79%	2.590	51.677	53.100	-2.68%	62.700	1251.029	1300.000	-3.77%	97
				7200	34.26	33.70	1.66%	6.82	6.89	-1.00%																	
				2450	41.44	39.20	5.71%	1.67	1.80	-7.33%																	
SAR 11	6/1/2025	Head	2450	2400	41.47	39.30	5.53%	1.63	1.75	-6.83%	6/1/2025	D2450V2 SN 706	1/20/2026	20.0	4.960	49.600	52.300	-5.16%	2.380	23.800	24.500	-2.86%					
				2500	41.37	39.14	5.71%	1.71	1.85	-7.82%																	
				2450	42.00	39.20	7.14%	1.67	1.80	-7.33%																	
SAR 11	6/4/2025	Head	2450	2400	42.06	39.30	7.03%	1.63	1.75	-6.94%	6/5/2025	D2450V2 SN 706	1/20/2026	17.0	2.420	48.285	52.300	-7.68%	1.170	23.345	24.500	-4.72%					
				2500	41.91	39.14	7.09%	1.71	1.85	-7.77%																	
				2450	40.45	39.20	3.19%	1.67	1.80	-7.17%																	
SAR 11	6/8/2025	Head	2450	2400	40.51	39.30	3.09%	1.63	1.75	-6.72%	6/8/2025	D2450V2 SN 706	1/20/2026	20.0	5.340	53.400	52.300	2.10%	2.580	25.800	24.500	5.31%					
				2500	40.37	39.14	3.15%	1.71	1.85	-7.72%																	
				2450	41.62	39.20	6.17%	1.76	1.80	-2.22%																	
SAR 11	6/12/2025	Head	2450	2400	40.93	39.30	4.16%	1.71	1.75	-2.55%	6/12/2025	D2450V2 SN 706	1/20/2026	17.0	2.560	51.079	52.300	-2.34%	1.230	24.542	24.500	0.17%					
				2500	40.78	39.14	4.20%	1.78	1.85	-3.78%																	
				2450	41.88	39.20	6.84%	1.68	1.80	-6.44%																	
SAR 11	6/15/2025	Head	2450	2400	41.92	39.30	6.68%	1.65	1.75	-6.09%	6/15/2025	D2450V2 SN 706	1/20/2026	17.0	2.440	48.684	52.300	-6.91%	1.170	23.345	24.500	-4.72%					
				2500	41.81	39.14	6.83%	1.72	1.85	-7.28%																	
				2450	41.81	39.20	6.66%	1.69	1.80	-6.33%																	
SAR 11	6/18/2025	Head	2450	2400	41.83	39.30	6.45%	1.64	1.75	-6.37%	6/18/2025	D2450V2 SN 706	1/20/2026	17.0	2.400	47.886	52.300	-8.44%	1.150	22.946	24.500	-6.34%					
				2500	41.74	39.14	6.65%	1.72	1.85	-7.34%																	
				2450	41.88	39.20	6.84%	1.71	1.80	-5.00%																	
SAR 11	6/22/2025	Head	2450	2400	41.94	39.30	6.73%	1.67	1.75	-4.60%	6/22/2025	D2450V2 SN 706	1/20/2026	17.0	2.640	52.675	52.300	0.72%	1.270	25.340	24.500	3.43%					
				2500	41.79	39.14	6.78%	1.75	1.85	-5.50%																	
				2450	42.14	39.20	7.50%	1.69	1.80	-5.89%																	
SAR 11	6/26/2025	Head	2450	2400	42.18	39.30	7.34%	1.65	1.75	-5.80%	6/26/2025	D2450V2 SN 706	1/20/2026	17.0	2.540	50.680	52.300	-3.10%	1.230	24.542	24.500	0.17%					
				2500	42.06	39.14	7.47%	1.73	1.85	-6.69%																	
				2450	41.34	39.20	5.46%	1.71	1.80	-4.89%																	
SAR 11	6/29/2025	Head	2450	2400	41.33	39.30	5.17%	1.65	1.75	-5.57%	6/29/2025	D2450V2 SN 748	2/8/2026	17.0	2.740	54.670	51.700	5.75%	1.320	26.337	24.200	8.83%					
				2500	41.25	39.14	5.40%	1.75	1.85	-5.88%																	
				2450	41.13	39.20	4.82%	1.69	1.80	-6.11%																	
SAR 11	7/2/2025	Head	2450	2400	41.18	39.30	4.79%	1.65	1.75	-5.80%	7/2/2025	D2450V2 SN 748	2/8/2026	17.0	2.550	50.879	51.700	-1.59%	1.230	24.542	24.200	1.41%					
				2500	41.02	39.14	4.81%	1.73	1.85	-6.69%																	
				2450	41.04	39.20	4.89%	1.68	1.80	-6.44%																	
SAR 11	7/6/2025	Head	2450	2400	41.09	39.30	4.56%	1.64	1.75	-6.20%	7/6/2025	D2450V2 SN 706	1/20/2026	17.0	2.460	49.083	52.300	-6.15%	1.190	23.744	24.500	-3.09%					
				2500	40.93	39.14	4.58%	1.72	1.85	-7.01%																	
				2450	40.63	39.20	3.65%	1.73	1.80	-4.06%																	
SAR 11	7/9/2025	Head	2450	2400	40.67	39.30	3.49%	1.69	1.75	-3.69%	7/9/2025	D2450V2 SN 706	1/20/2026	17.0	2.580	51.478	52.300	-1.57%	1.250	24.941	24.500	1.80%					
				2500	40.52	39.14	3.53%	1.77	1.85	-4.75%																	
				2450	41.56	39.20	6.02%	1.67	1.80	-7.22%																	
SAR 11	7/13/2025	Head	2450	2400	41.60	39.30	5.86%	1.63	1.75	-6.77%	7/13/2025	D2450V2 SN 706	1/20/2026	17.0	2.390	47.687	52.300	-8.82%	1.150	22.946	24.500	-6.34%					
				2500	41.48	39.14	5.99%	1.71	1.85	-7.82%																	
				2450	41.38	39.20	5.56%	1.73	1.80	-3.89%																	
SAR 11	7/16/2025	Head	2450	2400	41.40	39.30	5.35%	1.69	1.75	-3.52%	7/16/2025	D2450V2 SN 706	1/20/2026	17.0	2.560	51.079	52.300	-2.34%	1.240	24.741	24.500	0.98%					
				2500	41.25	39.14	5.40%	1.77	1.85	-4.53%																	
				2450	40.50	39.20	3.32%	1.72	1.80	-4.67%																	
SAR 11	7/20/2025	Head	2450	2400	40.54	39.30	3.16%	1.67	1.75	-4.43%	7/20/2025	D2450V2 SN 706	1/20/2026	17.0	2.560	51.079	52.300	-2.34%	1.230	24.542	24.500	0.17%					
				2500	40.43	39.14	3.30%	1.75	1.85	-5.83%																	
				2450	39.29	39.20	0.23%	1.71	1.80	-4.83%																	
SAR 11	7/23/2025	Head	2450	2400	39.35	39.30	0.14%	1.67	1.75	-4.66%	7/23/2025	D2450V2 SN 706	1/20/2026	17.0	2.570	51.278	52.300	-1.95%	1.250	24.941	24.500	1.80%					
				2500	39.18	39.14	0.11%	1.76	1.85	-5.34%																	
				2450	42.04	39.20	7.24%	1.89	1.80	4.72%																	
SAR 11	7/27/2025	Head	2450	2400	42.09	39.30	7.11%	1.84	1.75	5.22%	7/27/2025	D2450V2 SN 706	1/20/2026	17.0	2.420	48.285	52.300	-7.68%	1.130	22.546	24.500	-7.97%					
				2500	41.93	39.14	7.14%	1.93	1.85	3.99%																	
				2450	41.40	39.20	5.61%	1.70	1.80	-5.61%																	
SAR 11	7/30/2025	Head	2450	2400	41.44	39.30	5.45%	1.66	1.75	-5.23%	7/30/2025	D2450V2 SN 706	1/20/2026	17.0	2.580	51.478	52.300	-1.57%	1.250	24.941	24.500	1.80%					
				2500	41.28	39.14	5.48%	1.74	1.85	-6.31%																	
				2450	39.38	39.20	0.46%	1.78	1.80	-1.22%																	
SAR 11	8/4/2025	Head	2450	2400	39.44	39.30	0.36%	1.74	1.75	-0.61%	8/4/2025	D2450V2 SN 706	1/20/2026	17.0	2.450	48.884	52.300	-6.53%	1.140	22.746	24.500	-7.16%					
				2500	39.30	39.14	0.42%	1.82	1.85	-2.00%																	
				2450	41.79	39.20	6.61%	1.70	1.80	-5.56%																	
SAR 11	8/6/2025	Head	2450	2400	41.84	39.30	6.47%	1.66	1.75	-5.23%	8/6/2025	D2450V2 SN 748	2/8/2026	17.0	2.470	49.283	51.700	-4.68%	1.200	23.943	24.200	-1.06%					
				2500	41.70	39.14	6.55%	1.74	1.85	-6.16%																	
				2450	40.40	39.20	3.06%	1.67	1.80	-7.17%																	
SAR 11	8/10/2025	Head	2450	2400	40.48	39.30	3.01%	1.64	1.75	-6.60%	8/10/2025	D2450V2 SN 706	1/20/2026	17.0	2.67												

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 12	5/16/2025	Head	5250	5250	35.08	35.93	-2.37%	4.52	4.70	-3.81%	5/16/2025	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2026	20.0	7.380	73.800	79.500	-7.17%	2.110	21.100	22.600	-6.64%	98
				5150	35.13	36.05	-2.54%	4.39	4.60	-4.47%													
				5350	34.63	35.82	-3.32%	4.55	4.80	-5.25%													
SAR 12	5/16/2025	Head	5600	5600	34.32	35.53	-3.42%	4.89	5.06	-3.31%	5/16/2025	HzV2 SN: 1138 (5.60 GHz)	2/3/2026	20.0	8.060	80.600	82.500	-2.30%	2.228	22.280	23.400	-4.79%	99
				5500	34.40	35.65	-3.50%	4.78	4.96	-3.69%													
				5725	34.04	35.39	-3.82%	5.00	5.19	-3.70%													
SAR 12	5/16/2025	Head	5750	5750	33.99	35.36	-3.88%	5.06	5.21	-2.89%	5/16/2025	HzV2 SN: 1138 (5.75 GHz)	2/3/2026	20.0	7.450	74.500	78.300	-4.85%	2.120	21.200	22.200	-4.50%	100
				5700	34.09	35.42	-3.75%	4.97	5.16	-3.81%													
				5850	33.84	35.30	-4.14%	5.25	5.32	-1.41%													
SAR 12	5/16/2025	Head	2450	2450	39.85	39.20	1.66%	1.78	1.80	-1.39%	5/17/2025	D2450V2 SN: 748	2/8/2026	17.0	2.460	49.083	51.700	-5.06%	1.160	23.145	24.200	-4.36%	
				2400	39.91	39.30	1.56%	1.74	1.75	-0.61%													
				2500	39.77	39.14	1.62%	1.82	1.85	-1.94%													
SAR 12	5/20/2025	Head	2450	2450	39.57	39.20	0.94%	1.76	1.80	-2.11%	5/20/2025	D2450V2 SN: 748	2/8/2026	17.0	2.450	48.884	51.700	-5.45%	1.150	22.946	24.200	-5.18%	101
				2400	39.64	39.30	0.87%	1.72	1.75	-1.69%													
				2500	39.47	39.14	0.85%	1.80	1.85	-2.75%													
SAR 12	5/23/2025	Head	2450	2450	39.65	39.20	1.15%	1.74	1.80	-3.33%	5/23/2025	D2450V2 SN: 748	2/8/2026	17.0	2.460	49.083	51.700	-5.06%	1.160	23.145	24.200	-4.36%	
				2400	39.71	39.30	1.05%	1.70	1.75	-3.01%													
				2500	39.56	39.14	1.08%	1.78	1.85	-4.26%													
SAR 12	5/27/2025	Head	2450	2450	39.29	39.20	0.23%	1.79	1.80	-0.72%	5/27/2025	D2450V2 SN: 706	1/20/2026	17.0	2.480	49.483	52.300	-5.39%	1.170	23.345	24.500	-4.72%	
				2400	39.36	39.30	0.16%	1.75	1.75	-0.21%													
				2500	39.18	39.14	0.11%	1.82	1.85	-1.67%													
SAR 12	5/30/2025	Head	2450	2450	37.96	39.20	-3.16%	1.73	1.80	-3.83%	5/30/2025	D2450V2 SN: 706	1/20/2026	17.0	2.400	47.886	52.300	-8.44%	1.140	22.746	24.500	-7.16%	102
				2400	38.05	39.30	-3.17%	1.70	1.75	-3.23%													
				2500	37.87	39.14	-3.24%	1.77	1.85	-4.43%													
SAR 12	6/1/2025	Head	2450	2450	37.55	39.20	-4.21%	1.70	1.80	-5.33%	6/1/2025	D2450V2 SN: 706	1/20/2026	20.0	5.330	53.300	52.300	1.91%	2.520	25.200	24.500	2.86%	
				2400	37.58	39.30	-4.37%	1.67	1.75	-4.72%													
				2500	37.48	39.14	-4.23%	1.74	1.85	-5.99%													
SAR 12	6/4/2025	Head	2450	2450	40.90	39.20	4.34%	1.74	1.80	-3.33%	6/4/2025	D2450V2 SN: 706	1/20/2026	17.0	2.400	47.886	52.300	-8.44%	1.140	22.746	24.500	-7.16%	
				2400	40.96	39.30	4.23%	1.71	1.75	-2.38%													
				2500	40.80	39.14	4.25%	1.79	1.85	-3.45%													
SAR 12	6/8/2025	Head	2450	2450	40.18	39.20	2.50%	1.70	1.80	-5.33%	6/8/2025	D2450V2 SN: 706	1/20/2026	20.0	5.500	55.000	52.300	5.16%	2.610	26.100	24.500	6.53%	
				2400	40.23	39.30	2.37%	1.67	1.75	-4.89%													
				2500	40.09	39.14	2.44%	1.74	1.85	-5.99%													
SAR 12	6/11/2025	Head	2450	2450	39.43	39.20	0.59%	1.71	1.80	-4.83%	6/11/2025	D2450V2 SN: 706	1/20/2026	17.0	2.400	47.886	52.300	-8.44%	1.150	22.946	24.500	-6.34%	
				2400	39.51	39.30	0.54%	1.68	1.75	-3.98%													
				2500	39.37	39.14	0.60%	1.75	1.85	-5.50%													
SAR 12	6/15/2025	Head	2450	2450	39.21	39.20	0.03%	1.69	1.80	-5.94%	6/15/2025	D2450V2 SN: 706	1/20/2026	17.0	2.510	50.081	52.300	-4.24%	1.180	23.544	24.500	-3.90%	
				2400	39.26	39.30	-0.09%	1.66	1.75	-5.52%													
				2500	39.14	39.14	0.01%	1.73	1.85	-6.80%													
SAR 12	6/18/2025	Head	2450	2450	40.41	39.20	3.09%	1.74	1.80	-3.33%	6/18/2025	D2450V2 SN: 706	1/20/2026	17.0	2.510	50.081	52.300	-4.24%	1.190	23.744	24.500	-3.09%	
				2400	40.44	39.30	2.91%	1.69	1.75	-3.52%													
				2500	40.32	39.14	3.02%	1.77	1.85	-4.53%													
SAR 12	6/22/2025	Head	2450	2450	39.56	39.20	0.92%	1.71	1.80	-5.17%	6/22/2025	D2450V2 SN: 706	1/20/2026	17.0	2.430	48.485	52.300	-7.29%	1.150	22.946	24.500	-6.34%	
				2400	39.62	39.30	0.82%	1.67	1.75	-4.66%													
				2500	39.47	39.14	0.85%	1.75	1.85	-5.72%													
SAR 12	6/26/2025	Head	2450	2450	40.45	39.20	3.19%	1.73	1.80	-3.89%	6/25/2025	D2450V2 SN: 706	1/20/2026	17.0	2.630	52.475	52.300	0.34%	1.260	25.140	24.500	2.61%	
				2500	40.35	39.14	3.10%	1.77	1.85	-4.80%													
				2450	40.38	39.20	3.01%	1.77	1.80	-1.44%													
SAR 12	6/29/2025	Head	2450	2400	40.38	39.30	2.76%	1.72	1.75	-2.04%	6/29/2025	D2450V2 SN: 748	2/8/2026	17.0	2.510	50.081	51.700	-3.13%	1.190	23.744	24.200	-1.89%	
				2500	40.28	39.14	2.92%	1.81	1.85	-2.65%													
				2450	41.09	39.20	4.82%	1.76	1.80	-2.22%													
SAR 12	7/2/2025	Head	2450	2400	41.14	39.30	4.69%	1.71	1.75	-2.38%	7/2/2025	D2450V2 SN: 706	1/20/2026	17.0	2.550	50.879	52.300	-2.72%	1.210	24.143	24.500	-1.46%	
				2500	40.97	39.14	4.68%	1.79	1.85	-3.45%													
				2450	39.37	39.20	0.43%	1.73	1.80	-3.89%													
SAR 12	7/6/2025	Head	2450	2400	39.42	39.30	0.31%	1.69	1.75	-3.52%	7/6/2025	D2450V2 SN: 706	1/20/2026	17.0	2.480	49.483	52.300	-5.39%	1.170	23.345	24.500	-4.72%	
				2500	39.27	39.14	0.34%	1.77	1.85	-4.70%													
				2450	37.57	39.20	-4.16%	1.68	1.80	-6.67%													
SAR 12	7/9/2025	Head	2450	2400	37.64	39.30	-4.22%	1.64	1.75	-6.37%	7/9/2025	D2450V2 SN: 706	1/20/2026	17.0	2.420	48.285	52.300	-7.68%	1.150	22.946	24.500	-6.34%	
				2500	37.64	39.14	-3.82%	1.71	1.85	-7.77%													
				2450	37.51	39.20	-4.31%	1.68	1.80	-6.61%													
SAR 12	7/13/2025	Head	2450	2400	37.57	39.30	-4.39%	1.64	1.75	-6.15%	7/13/2025	D2450V2 SN: 706	1/20/2026	17.0	2.400	47.886	52.300	-8.44%	1.140	22.746	24.500	-7.16%	
				2500	37.43	39.14	-4.36%	1.72	1.85	-7.28%													
				2450	39.19	39.20	-0.03%	1.68	1.80	-6.67%													
SAR 12	7/16/2025	Head	2450	2400	39.21	39.30	-0.22%	1.65	1.75	-5.80%	7/16/2025	D2450V2 SN: 706	1/20/2026	17.0	2.700	53.872	52.300	3.01%	1.290	25.739	24.500	5.06%	
				2500	39.00	39.14	-0.35%	1.72	1.85	-7.23%													
				2450	37.48	39.20	-4.39%	1.70	1.80	-5.83%													
SAR 12	7/20/2025	Head	2450	2400	37.53	39.30	-4.50%	1.65	1.75	-5.69%	7/20/2025	D2450V2 SN: 706	1/20/2026	17.0	2.550	50.879	52.300	-2.72%	1.220	24.342	24.500	-0.64%	
				2500	37.39	39.14	-4.46%	1.73	1.85	-6.85%													
				2450	36.62	39.20	-6.58%	1.66	1.80	-7.78%													
SAR 12	7/25/2025	Head	2450	2400	36.68	39.30	-6.66%	1.62	1.75	-7.52%	7/23/2025	D2450V2 SN: 748	2/8/2026	17.0	2.560	51.079	51.700	-1.20%	1.220	24.342	24.200	0.59%	
				2500	36.53	39.14	-6.66%	1.70	1.85	-8.31%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 12	7/27/2025	Head	2450	2450	39.05	39.20	-0.38%	1.69	1.80	-6.06%	7/27/2025	D2450V2 SN: 748	2/8/2026	17.0	2.460	49.083	51.700	-5.06%	1.180	23.544	24.200	-2.71%	
				2400	39.11	39.30	-0.48%	1.65	1.75	-5.63%													
				2500	38.96	39.14	-0.45%	1.73	1.85	-6.64%													
SAR 12	7/30/2025	Head	2450	2450	39.45	39.20	0.64%	1.68	1.80	-6.67%	7/30/2025	D2450V2 SN: 706	1/20/2026	17.0	2.430	48.485	52.300	-7.29%	1.150	22.946	24.500	-6.34%	
				2400	39.51	39.30	0.54%	1.64	1.75	-6.20%													
				2500	39.36	39.14	0.57%	1.72	1.85	-7.39%													
SAR 12	8/3/2025	Head	2450	2450	37.61	39.20	-4.06%	1.73	1.80	-4.17%	8/3/2025	D2450V2 SN: 706	1/20/2026	17.0	2.440	48.684	52.300	-6.91%	1.130	22.546	24.500	-7.97%	
				2400	37.68	39.30	-4.11%	1.69	1.75	-3.52%													
				2500	37.53	39.14	-4.11%	1.76	1.85	-4.97%													
SAR 12	8/6/2025	Head	2450	2450	39.75	39.20	1.40%	1.74	1.80	-3.33%	8/6/2025	D2450V2 SN: 748	2/8/2026	17.0	2.460	49.083	51.700	-5.06%	1.210	24.143	24.200	-0.24%	
				2400	39.80	39.30	1.28%	1.69	1.75	-3.52%													
				2500	39.66	39.14	1.34%	1.78	1.85	-3.99%													
SAR 12	8/10/2025	Head	2450	2450	40.50	39.20	3.32%	1.74	1.80	-3.50%	8/10/2025	D2450V2 SN: 706	1/20/2026	17.0	2.680	53.473	52.300	2.24%	1.280	25.539	24.500	4.24%	
				2400	40.58	39.30	3.27%	1.70	1.75	-2.89%													
				2500	40.43	39.14	3.30%	1.78	1.85	-4.21%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Norm alize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 14	5/14/2025	Head	1640	1640	43.77	40.25	8.73%	1.22	1.31	-6.50%	5/14/2025	D1640V2 SN: 324	6/13/2026	20.0	3.430	34.300	33.900	1.18%	1.910	19.100	18.300	4.37%	
				1610	43.85	40.30	8.81%	1.20	1.29	-6.90%													
				1665	43.72	40.22	8.71%	1.24	1.32	-6.36%													
SAR 14	5/18/2025	Head	1640	1640	40.73	40.25	1.18%	1.21	1.31	-7.80%	5/18/2025	D1640V2 SN: 324	6/13/2026	20.0	3.100	31.000	33.900	-8.55%	1.730	17.300	18.300	-5.46%	
				1610	40.79	40.30	1.22%	1.19	1.29	-7.83%													
				1665	40.68	40.22	1.16%	1.22	1.32	-7.87%													
SAR 14	5/21/2025	Head	1900	1900	41.41	40.00	3.52%	1.39	1.40	-0.71%	5/21/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.910	38.110	39.400	-3.28%	1.010	20.152	20.600	-2.17%	
				1850	41.46	40.00	3.65%	1.35	1.40	-3.50%													
				1920	41.38	40.00	3.45%	1.41	1.40	0.36%													
SAR 14	5/22/2025	Head	1750	1750	41.50	40.08	3.53%	1.30	1.37	-5.26%	5/22/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.710	34.119	36.600	-6.78%	0.932	18.596	19.300	-3.65%	
				1695	41.57	40.17	3.49%	1.27	1.34	-5.08%													
				1780	41.44	40.04	3.50%	1.31	1.39	-5.40%													
SAR 14	5/26/2025	Head	1900	1900	39.91	40.00	-0.23%	1.33	1.40	-5.21%	5/26/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.820	36.314	39.400	-7.83%	0.954	19.035	20.600	-7.60%	103
				1850	40.02	40.00	0.05%	1.30	1.40	-7.29%													
				1920	39.88	40.00	-0.30%	1.34	1.40	-4.36%													
SAR 14	5/26/2025	Head	1750	1750	43.37	40.08	8.20%	1.26	1.37	-7.96%	5/26/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.790	35.715	36.600	-2.42%	0.957	19.095	19.300	-1.06%	
				1695	43.42	40.17	8.09%	1.23	1.34	-7.99%													
				1780	43.34	40.04	8.25%	1.28	1.39	-7.64%													
SAR 14	5/30/2025	Head	1750	1750	43.74	40.08	9.12%	1.27	1.37	-6.94%	5/30/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.700	33.919	36.600	-7.32%	0.930	18.556	19.300	-3.86%	
				1695	43.92	40.17	9.34%	1.25	1.34	-6.72%													
				1780	43.76	40.04	9.29%	1.30	1.39	-6.49%													
SAR 14	5/30/2025	Head	1900	1900	43.62	40.00	9.05%	1.37	1.40	-2.07%	5/30/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.970	39.307	39.400	-0.24%	1.050	20.950	20.600	1.70%	
				1850	43.69	40.00	9.22%	1.33	1.40	-5.46%													
				1920	43.68	40.00	9.20%	1.38	1.40	-1.36%													
SAR 14	6/3/2025	Head	1750	1750	40.27	40.08	0.46%	1.30	1.37	-4.89%	6/3/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.720	34.319	36.600	-6.23%	0.941	18.775	19.300	-2.72%	
				1780	40.23	40.04	0.48%	1.32	1.39	-4.90%													
				1900	40.03	40.00	0.08%	1.39	1.40	-0.79%													
SAR 14	6/3/2025	Head	1900	1850	40.12	40.00	0.30%	1.36	1.40	-3.07%	6/3/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.990	39.706	39.400	0.78%	1.060	21.150	20.600	2.67%	
				1920	39.98	40.00	-0.05%	1.40	1.40	0.00%													
				1750	40.23	40.08	0.36%	1.30	1.37	-4.75%													
SAR 14	6/7/2025	Head	1750	1695	40.35	40.17	0.45%	1.28	1.34	-4.48%	6/6/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.810	36.114	36.600	-1.33%	1.000	19.953	19.300	3.38%	
				1780	40.19	40.04	0.38%	1.32	1.39	-4.75%													
				1900	40.01	40.00	0.02%	1.39	1.40	-0.43%													
SAR 14	6/7/2025	Head	1900	1850	40.11	40.00	0.27%	1.36	1.40	-2.79%	6/6/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.080	41.501	39.400	5.33%	1.120	22.347	20.600	8.48%	
				1920	39.96	40.00	-0.10%	1.41	1.40	0.43%													
				1750	42.62	40.08	6.33%	1.28	1.37	-6.43%													
SAR 14	6/10/2025	Head	1750	1695	42.66	40.17	6.20%	1.25	1.34	-6.57%	6/10/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.800	35.915	36.600	-1.87%	0.967	19.693	19.300	2.04%	
				1780	42.59	40.04	6.37%	1.30	1.39	-6.13%													
				1900	42.37	40.00	5.92%	1.38	1.40	-1.50%													
SAR 14	6/10/2025	Head	1900	1850	42.50	40.00	6.25%	1.35	1.40	-3.57%	6/10/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.990	39.706	39.400	0.78%	1.070	21.349	20.600	3.64%	
				1920	42.34	40.00	5.85%	1.39	1.40	-0.50%													
				1640	43.02	40.25	6.87%	1.25	1.31	-4.20%													
SAR 14	6/13/2025	Head	1640	1610	42.88	40.30	6.40%	1.23	1.29	-5.04%	6/13/2025	D1640V2 SN: 324	6/13/2026	17.0	1.660	33.121	33.900	-2.30%	0.926	18.476	18.300	0.96%	
				1665	43.09	40.22	7.15%	1.24	1.32	-8.13%													
				1750	43.17	40.08	7.70%	1.34	1.37	-2.12%													
SAR 14	6/13/2025	Head	1750	1695	42.83	40.17	6.62%	1.26	1.34	-5.60%	6/13/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.840	36.713	36.600	0.31%	1.010	20.152	19.300	4.42%	
				1780	42.86	40.04	7.05%	1.29	1.39	-6.85%													
				1900	42.70	40.00	6.75%	1.34	1.40	-4.07%													
SAR 14	6/13/2025	Head	1900	1850	42.80	40.00	7.00%	1.31	1.40	-6.29%	6/13/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.950	38.908	39.400	-1.25%	1.040	20.751	20.600	0.73%	
				1920	42.66	40.00	6.65%	1.35	1.40	-3.29%													
				1640	42.68	40.25	6.03%	1.25	1.31	-4.74%													
SAR 14	6/17/2025	Head	1640	1610	42.79	40.30	6.18%	1.23	1.29	-4.81%	6/17/2025	D1640V2 SN: 324	6/13/2026	17.0	1.640	32.722	33.900	-3.47%	0.923	18.416	18.300	0.64%	
				1665	42.62	40.22	5.98%	1.26	1.32	-4.85%													
				1750	42.48	40.08	5.98%	1.30	1.37	-5.40%													
SAR 14	6/17/2025	Head	1750	1695	42.58	40.17	6.00%	1.27	1.34	-5.00%	6/17/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.800	35.915	36.600	-1.87%	0.990	19.753	19.300	2.35%	
				1780	42.46	40.04	6.05%	1.31	1.39	-5.33%													
				1900	42.26	40.00	5.65%	1.38	1.40	-1.21%													
SAR 14	6/17/2025	Head	1900	1850	42.38	40.00	5.95%	1.35	1.40	-3.29%	6/17/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.000	39.905	39.400	1.28%	1.080	21.549	20.600	4.61%	
				1920	42.24	40.00	5.60%	1.39	1.40	-0.50%													
				1640	38.49	40.25	-4.38%	1.20	1.31	-8.10%													
SAR 14	6/20/2025	Head	1640	1610	38.56	40.30	-4.32%	1.18	1.29	-8.29%	6/20/2025	D1640V2 SN: 324	6/13/2026	17.0	1.610	32.124	33.900	-5.24%	0.901	17.977	18.300	-1.76%	
				1665	38.44	40.22	-4.41%	1.21	1.32	-8.10%													
				1750	38.32	40.08	-4.40%	1.26	1.37	-8.03%													
SAR 14	6/20/2025	Head	1750	1695	38.39	40.17	-4.43%	1.23	1.34	-8.14%	6/20/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.720	34.319	36.600	-6.23%	0.950	18.955	19.300	-1.79%	
				1780	38.30	40.04	-4.34%	1.28	1.39	-7.93%													
				1900	38.14	40.00	-4.65%	1.36	1.40	-3.21%													
SAR 14	6/20/2025	Head	1900	1850	38.23	40.00	-4.43%	1.32	1.40	-5.64%	6/20/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.010	40.105	39.400	1.79%	1.080	21.549	20.600	4.61%	
				1920	38.10	40.00	-4.75%	1.37	1.40	-2.29%													
				1640	40.71	40.25	1.13%	1.23	1.31	-6.12%													
SAR 14	6/24/2025	Head	1640	1610	40.74	40.30	1.09%	1.21	1.29	-6.20%	6/24/2025	D1640V2 SN: 324	6/13/2026	17.0	1.640	32.722	33.900	-3.47%	0.918	18.317	18.300	0.09%	
				1665	40.68	40.22	1.16%	1.24	1.32	-5.98%													
				1750	40.68	40.22	1.16%	1.24	1.32	-5.98%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 14	6/24/2025	Head	1750	1750	40.51	40.08	1.06%	1.29	1.37	-5.70%	6/24/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.790	35.715	36.600	-2.42%	0.980	19.554	19.300	1.31%	
				1695	40.62	40.17	1.12%	1.26	1.34	-5.83%													
				1780	40.46	40.04	1.05%	1.31	1.39	-5.62%													
SAR 14	6/24/2025	Head	1900	1900	40.26	40.00	0.65%	1.38	1.40	-1.79%	6/24/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.040	40.703	39.400	3.31%	1.100	21.948	20.600	6.54%	
				1850	40.32	40.00	0.80%	1.35	1.40	-3.79%													
				1920	40.23	40.00	0.57%	1.39	1.40	-0.93%													
SAR 14	6/27/2025	Head	1640	1640	40.94	40.25	1.70%	1.22	1.31	-6.57%	6/27/2025	D1640V2 SN: 324	6/13/2026	17.0	1.620	32.323	33.900	-4.65%	0.895	17.858	18.300	-2.42%	
				1610	40.98	40.30	1.69%	1.20	1.29	-6.90%													
				1665	40.89	40.22	1.68%	1.24	1.32	-6.36%													
SAR 14	6/27/2025	Head	1750	1750	40.69	40.08	1.51%	1.28	1.37	-6.79%	6/27/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.750	34.917	36.600	-4.60%	0.950	18.955	19.300	-1.79%	
				1695	40.81	40.17	1.60%	1.25	1.34	-6.50%													
				1780	40.67	40.04	1.58%	1.29	1.39	-6.99%													
SAR 14	6/27/2025	Head	1900	1900	40.67	40.00	1.68%	1.36	1.40	-2.86%	6/27/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.970	39.307	39.400	-0.24%	1.050	20.950	20.600	1.70%	
				1850	40.68	40.00	1.70%	1.32	1.40	-5.57%													
				1920	40.64	40.00	1.60%	1.37	1.40	-1.93%													
SAR 14	7/1/2025	Head	1640	1640	42.85	40.25	6.45%	1.22	1.31	-6.65%	7/1/2025	D1640V2 SN: 324	6/13/2026	17.0	1.600	31.924	33.900	-5.83%	0.898	17.917	18.300	-2.09%	
				1610	42.93	40.30	6.53%	1.20	1.29	-6.82%													
				1665	42.80	40.22	6.43%	1.23	1.32	-6.74%													
SAR 14	7/1/2025	Head	1750	1750	42.67	40.08	6.45%	1.27	1.37	-6.94%	7/1/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.730	34.518	36.600	-5.69%	0.952	18.995	19.300	-1.58%	
				1695	42.74	40.17	6.40%	1.25	1.34	-6.87%													
				1780	42.65	40.04	6.52%	1.29	1.39	-6.85%													
SAR 14	7/1/2025	Head	1900	1900	42.44	40.00	6.10%	1.36	1.40	-2.86%	7/1/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.930	38.509	39.400	-2.26%	1.040	20.751	20.600	0.73%	
				1850	42.52	40.00	6.30%	1.33	1.40	-4.86%													
				1920	42.40	40.00	6.00%	1.37	1.40	-2.21%													
SAR 14	7/5/2025	Head	1640	1640	39.64	40.25	-1.52%	1.23	1.31	-6.27%	7/1/2025	D1640V2 SN: 324	6/13/2026	17.0	1.610	32.124	33.900	-5.24%	0.908	18.117	18.300	-1.00%	
				1610	39.68	40.30	-1.54%	1.21	1.29	-6.36%													
				1665	39.59	40.22	-1.56%	1.24	1.32	-6.13%													
SAR 14	7/5/2025	Head	1750	1750	39.41	40.08	-1.68%	1.28	1.37	-6.35%	7/5/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.780	35.516	36.600	-2.96%	0.984	19.633	19.300	1.73%	
				1695	39.53	40.17	-1.59%	1.26	1.34	-6.12%													
				1780	39.36	40.04	-1.69%	1.30	1.39	-6.41%													
SAR 14	7/5/2025	Head	1900	1900	39.21	40.00	-1.98%	1.36	1.40	-3.21%	7/5/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.990	39.706	39.400	0.78%	1.080	21.549	20.600	4.61%	
				1850	39.26	40.00	-1.85%	1.33	1.40	-5.00%													
				1920	39.18	40.00	-2.05%	1.37	1.40	-2.43%													
SAR 14	7/9/2025	Head	1640	1640	40.50	40.25	0.61%	1.26	1.31	-3.59%	7/8/2025	D1640V2 SN: 324	6/13/2026	17.0	1.660	33.121	33.900	-2.30%	0.932	18.596	18.300	1.62%	
				1610	40.51	40.30	0.52%	1.24	1.29	-3.88%													
				1665	40.49	40.22	0.68%	1.27	1.32	-3.86%													
SAR 14	7/9/2025	Head	1750	1750	40.26	40.08	0.44%	1.30	1.37	-5.04%	7/8/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.780	35.516	36.600	-2.96%	0.982	19.593	19.300	1.52%	
				1695	40.38	40.17	0.52%	1.27	1.34	-5.08%													
				1780	40.33	40.04	0.73%	1.31	1.39	-5.48%													
SAR 14	7/9/2025	Head	1900	1900	40.17	40.00	0.43%	1.38	1.40	-1.43%	7/8/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.970	39.307	39.400	-0.24%	1.060	21.150	20.600	2.67%	
				1850	40.21	40.00	0.53%	1.35	1.40	-3.57%													
				1920	40.10	40.00	0.25%	1.38	1.40	-1.43%													
SAR 14	7/11/2025	Head	1640	1640	39.10	40.25	-2.87%	1.21	1.31	-7.42%	7/11/2025	D1640V2 SN: 324	6/13/2026	17.0	1.620	32.323	33.900	-4.65%	0.910	18.157	18.300	-0.78%	
				1610	39.17	40.30	-2.80%	1.20	1.29	-7.05%													
				1665	39.06	40.22	-2.87%	1.23	1.32	-7.27%													
SAR 14	7/11/2025	Head	1750	1750	38.98	40.08	-2.78%	1.27	1.37	-7.23%	7/11/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.730	34.518	36.600	-5.69%	0.953	19.015	19.300	-1.48%	
				1695	39.01	40.17	-2.89%	1.24	1.34	-7.32%													
				1780	38.93	40.04	-2.77%	1.29	1.39	-7.14%													
SAR 14	7/11/2025	Head	1900	1900	38.77	40.00	-3.07%	1.36	1.40	-2.64%	7/11/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.010	40.105	39.400	1.79%	1.080	21.549	20.600	4.61%	
				1850	38.85	40.00	-2.88%	1.33	1.40	-4.79%													
				1920	38.74	40.00	-3.15%	1.38	1.40	-1.64%													
SAR 14	7/15/2025	Head	1640	1640	40.13	40.25	-0.31%	1.22	1.31	-6.73%	7/15/2025	D1640V2 SN: 324	6/13/2026	17.0	1.610	32.124	33.900	-5.24%	0.904	18.037	18.300	-1.44%	
				1610	40.21	40.30	-0.22%	1.20	1.29	-6.90%													
				1665	40.07	40.22	-0.36%	1.23	1.32	-6.74%													
SAR 14	7/15/2025	Head	1750	1750	39.92	40.08	-0.41%	1.28	1.37	-6.79%	7/15/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.740	34.718	36.600	-5.14%	0.960	19.155	19.300	-0.75%	
				1695	40.00	40.17	-0.42%	1.25	1.34	-6.72%													
				1780	39.90	40.04	-0.35%	1.30	1.39	-6.56%													
SAR 14	7/15/2025	Head	1900	1900	39.64	40.00	-0.90%	1.37	1.40	-2.29%	7/15/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.980	39.506	39.400	0.27%	1.070	21.349	20.600	3.64%	
				1850	39.75	40.00	-0.63%	1.34	1.40	-4.36%													
				1920	39.59	40.00	-1.02%	1.38	1.40	-1.50%													
SAR 14	7/19/2025	Head	1640	1640	40.00	40.25	-0.63%	1.21	1.31	-7.65%	7/19/2025	D1640V2 SN: 324	6/13/2026	17.0	1.630	32.523	33.900	-4.06%	0.895	17.858	18.300	-2.42%	
				1610	40.09	40.30	-0.52%	1.19	1.29	-7.60%													
				1665	39.91	40.22	-0.76%	1.22	1.32	-7.57%													
SAR 14	7/19/2025	Head	1750	1750	39.78	40.08	-0.76%	1.26	1.37	-7.74%	7/19/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.740	34.718	36.600	-5.14%	0.958	19.115	19.300	-0.96%	
				1695	39.87	40.17	-0.74%	1.24	1.34	-7.47%													
				1780	39.73	40.04	-0.77%	1.28	1.39	-7.57%													
SAR 14	7/19/2025	Head	1900	1900	39.53	40.00	-1.18%	1.35	1.40	-3.36%	7/19/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.960	39.107	39.400	-0.74%	1.060	21.150	20.600	2.67%	
				1850	39.66	40.00	-0.85%	1.32	1.40	-5.57%													
				1920	39.52	40.00	-1.20%	1.37	1.40	-2.50%													
SAR 14	7/23/2025	Head	1640	1640	39.26	40.25	-2.47%	1.19	1.31	-9.18%	7/23/2025	D1640V2 SN: 324	6/13/2026	17.0	1.590	31.725	33.900	-6.42%	0.881	17.578	18.300	-3.94%	
				1610	39.30	40.30	-2.48%	1.17	1.29	-9.07%													
				1665	39.21	40.22	-2.50%	1.20	1.32	-9.46%													
SAR 14	7/23/2025	Head	1750	1750	39.20	40.08	-2.21%	1.23	1.37	-9.86%	7/23/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.660	33.121	36.600	-9.50%	0.899	17.937	19.300	-7.06%	104
				1695	39.18	40.17	-2.46%	1.21	1.34	-9.71%													
				1780	39.18	40.04	-2.14%	1.25	1.39	-9.52%													

Liquid Check											System Check												
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 14	7/23/2025	Head	1900	1900	39.04	40.00	-2.40%	1.33	1.40	-5.07%	7/23/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.900	37.910	39.400	-3.78%	1.010	20.152	20.600	-2.17%	
				1850	39.10	40.00	-2.25%	1.30	1.40	-7.36%													
				1920	39.01	40.00	-2.48%	1.34	1.40	-4.07%													
SAR 14	7/24/2025	Head	1640	1640	38.20	40.25	-5.10%	1.22	1.31	-6.57%	7/24/2025	D1640V2 SN: 324	6/13/2026	17.0	1.550	30.927	33.900	-8.77%	0.848	16.920	18.300	-7.54%	105
				1610	38.26	40.30	-5.06%	1.20	1.29	-6.67%													
				1665	38.18	40.22	-5.06%	1.24	1.32	-6.51%													
SAR 14	7/24/2025	Head	1750	1750	38.02	40.08	-5.15%	1.28	1.37	-6.50%	7/25/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.740	34.718	36.600	-5.14%	0.960	19.155	19.300	-0.75%	
				1695	38.13	40.17	-5.08%	1.25	1.34	-6.65%													
				1780	37.98	40.04	-5.14%	1.30	1.39	-6.27%													
SAR 14	7/28/2025	Head	1640	1640	43.24	40.25	7.42%	1.22	1.31	-6.73%	7/28/2025	D1640V2 SN: 324	6/13/2026	17.0	1.620	32.323	33.900	-4.65%	0.920	18.356	18.300	0.31%	
				1610	43.29	40.30	7.42%	1.20	1.29	-6.82%													
				1665	43.17	40.22	7.35%	1.23	1.32	-6.81%													
SAR 14	7/28/2025	Head	1750	1750	43.03	40.08	7.35%	1.27	1.37	-7.01%	7/28/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.770	35.316	36.600	-3.51%	0.979	19.534	19.300	1.21%	
				1695	43.08	40.17	7.25%	1.25	1.34	-6.80%													
				1780	43.00	40.04	7.40%	1.29	1.39	-7.06%													
SAR 14	7/28/2025	Head	1900	1900	42.13	40.00	5.33%	1.33	1.40	-4.79%	7/28/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.930	38.509	39.400	-2.26%	1.050	20.950	20.600	1.70%	
				1850	42.21	40.00	5.53%	1.30	1.40	-6.86%													
				1920	42.13	40.00	5.33%	1.34	1.40	-4.50%													
SAR 14	8/1/2025	Head	1640	1640	40.65	40.25	0.98%	1.26	1.31	-3.90%	8/1/2025	D1640V2 SN: 324	6/13/2026	17.0	1.620	32.323	33.900	-4.65%	0.885	17.658	18.300	-3.51%	
				1610	40.72	40.30	1.04%	1.24	1.29	-4.03%													
				1665	40.60	40.22	0.96%	1.27	1.32	-3.71%													
SAR 14	8/1/2025	Head	1750	1750	40.44	40.08	0.89%	1.31	1.37	-4.09%	8/1/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.690	33.720	36.600	-7.87%	0.907	18.097	19.300	-6.23%	
				1695	40.53	40.17	0.90%	1.29	1.34	-3.81%													
				1780	40.41	40.04	0.93%	1.33	1.39	-3.96%													
SAR 14	8/1/2025	Head	1900	1900	40.22	40.00	0.55%	1.40	1.40	0.07%	8/1/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.910	38.110	39.400	-3.28%	1.010	20.152	20.600	-2.17%	
				1850	40.30	40.00	0.75%	1.37	1.40	-2.14%													
				1920	40.17	40.00	0.43%	1.41	1.40	0.71%													
SAR 14	8/4/2025	Head	1640	1640	42.73	40.25	6.15%	1.21	1.31	-7.34%	8/4/2025	D1640V2 SN: 324	6/13/2026	17.0	1.600	31.924	33.900	-5.83%	0.907	18.097	18.300	-1.11%	
				1610	42.77	40.30	6.13%	1.20	1.29	-7.05%													
				1665	42.63	40.22	6.00%	1.22	1.32	-7.72%													
SAR 14	8/4/2025	Head	1750	1750	42.53	40.08	6.10%	1.27	1.37	-7.52%	8/4/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.770	35.316	36.600	-3.51%	0.980	19.554	19.300	1.31%	
				1695	42.56	40.17	5.95%	1.24	1.34	-7.47%													
				1780	42.46	40.04	6.05%	1.28	1.39	-7.79%													
SAR 14	8/4/2025	Head	1900	1900	42.25	40.00	5.63%	1.35	1.40	-3.79%	8/4/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.970	39.307	39.400	-0.24%	1.070	21.349	20.600	3.64%	
				1850	42.40	40.00	6.00%	1.32	1.40	-5.43%													
				1920	42.24	40.00	5.60%	1.37	1.40	-2.50%													
SAR 14	8/8/2025	Head	2600	2600	41.92	39.01	7.46%	1.89	1.96	-3.93%	8/8/2025	D2600V2 SN: 1036	4/11/2026	20.0	5.610	56.100	55.400	1.26%	2.560	25.600	24.900	2.81%	106
				2495	42.06	39.14	7.45%	1.79	1.85	-3.06%													
				2690	41.74	38.90	7.31%	1.96	2.06	-4.68%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 15	5/13/2025	Head	1750	1750	36.75	40.08	-8.33%	1.26	1.37	-7.81%	5/14/2025	D1750V2 SN: 1053	10/13/2025	20.0	3.360	33.600	36.600	-8.20%	1.800	18.000	19.300	-6.74%	107
				1695	36.86	40.17	-8.24%	1.24	1.34	-7.62%													
				1780	36.73	40.04	-8.26%	1.28	1.39	-7.57%													
SAR 15	5/13/2025	Head	1900	1900	36.52	40.00	-8.70%	1.39	1.40	-0.79%	5/14/2025	D1900V2 SN: 5d140	4/14/2026	20.0	3.830	38.300	39.400	-2.79%	2.010	20.100	20.600	-2.43%	
				1850	36.62	40.00	-8.45%	1.32	1.40	-5.86%													
				1920	36.50	40.00	-8.75%	1.35	1.40	-3.36%													
SAR 15	5/18/2025	Head	1750	1750	37.69	40.08	-5.97%	1.26	1.37	-7.74%	5/18/2025	D1750V2 SN: 1053	10/13/2025	20.0	3.510	35.100	36.600	-4.10%	1.900	19.000	19.300	-1.55%	
				1695	37.78	40.17	-5.95%	1.23	1.34	-7.84%													
				1780	37.64	40.04	-5.99%	1.28	1.39	-7.64%													
SAR 15	5/18/2025	Head	1900	1900	37.40	40.00	-6.50%	1.36	1.40	-3.14%	5/18/2025	D1900V2 SN: 5d140	4/14/2026	20.0	4.050	40.500	39.400	2.79%	2.130	21.300	20.600	3.40%	
				1850	37.51	40.00	-6.23%	1.32	1.40	-5.79%													
				1920	37.37	40.00	-6.58%	1.36	1.40	-3.14%													
SAR 15	5/21/2025	Head	1900	1900	38.72	40.00	-3.20%	1.41	1.40	0.64%	5/21/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.020	40.304	39.400	2.30%	1.060	21.150	20.600	2.67%	
				1850	38.78	40.00	-3.05%	1.37	1.40	-2.00%													
				1920	38.67	40.00	-3.33%	1.42	1.40	1.71%													
SAR 15	5/21/2025	Head	1750	1750	38.85	40.08	-3.08%	1.32	1.37	-3.80%	5/22/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.820	36.314	36.600	-0.78%	0.982	19.593	19.300	1.52%	
				1695	38.92	40.17	-3.11%	1.29	1.34	-3.66%													
				1780	38.79	40.04	-3.12%	1.33	1.39	-4.03%													
SAR 15	5/23/2025	Head	1900	1900	38.10	40.00	-4.75%	1.37	1.40	-2.14%	5/23/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.940	38.708	39.400	-1.76%	1.020	20.352	20.600	-1.21%	
				1850	38.26	40.00	-4.35%	1.34	1.40	-4.29%													
				1920	38.14	40.00	-4.65%	1.39	1.40	-0.71%													
SAR 15	5/23/2025	Head	1750	1750	38.40	40.08	-4.20%	1.28	1.37	-6.50%	5/23/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.750	34.917	36.600	-4.60%	0.943	18.815	19.300	-2.51%	
				1695	38.52	40.17	-4.11%	1.25	1.34	-6.57%													
				1780	38.32	40.04	-4.29%	1.30	1.39	-6.20%													
SAR 15	5/23/2025	Head	750	750	39.94	41.96	-4.82%	0.84	0.89	-5.78%	5/23/2025	D750V3 SN: 1071	11/7/2025	17.0	0.400	7.981	8.490	-5.99%	0.266	5.307	5.570	-4.71%	108
				660	41.45	42.42	-2.29%	0.81	0.89	-8.05%													
				800	39.93	41.71	-4.26%	0.85	0.90	-5.12%													
SAR 15	5/23/2025	Head	835	835	45.08	41.50	8.63%	0.88	0.90	-2.24%	5/23/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.497	9.916	9.690	2.34%	0.327	6.525	6.330	3.07%	
				805	45.15	41.68	8.33%	0.87	0.90	-3.41%													
				850	45.04	41.50	8.53%	0.89	0.92	-3.05%													
SAR 15	5/26/2025	Head	750	750	43.56	41.96	3.81%	0.84	0.89	-5.46%	5/26/2025	D750V3 SN: 1024	5/11/2026	17.0	0.400	7.981	8.520	-6.33%	0.266	5.307	5.600	-5.23%	
				660	44.81	42.42	5.63%	0.82	0.89	-7.89%													
				800	43.44	41.71	4.16%	0.86	0.90	-3.84%													
SAR 15	5/26/2025	Head	835	835	43.54	41.50	4.92%	0.87	0.90	-2.91%	5/26/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.501	9.996	9.690	3.16%	0.333	6.644	6.330	4.96%	
				805	43.48	41.68	4.32%	0.86	0.90	-3.69%													
				850	43.52	41.50	4.87%	0.88	0.92	-4.00%													
SAR 15	5/26/2025	Head	1750	1750	41.94	40.08	4.63%	1.30	1.37	-5.18%	5/26/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.820	36.314	36.600	-0.78%	0.993	19.813	19.300	2.66%	
				1695	42.00	40.17	4.56%	1.27	1.34	-5.15%													
				1780	41.91	40.04	4.67%	1.32	1.39	-4.90%													
SAR 15	5/26/2025	Head	1900	1900	41.70	40.00	4.25%	1.40	1.40	-0.36%	5/26/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.040	40.703	39.400	3.31%	1.090	21.748	20.600	5.57%	109
				1850	41.82	40.00	4.55%	1.36	1.40	-2.57%													
				1920	41.67	40.00	4.18%	1.41	1.40	0.50%													
SAR 15	5/31/2025	Head	750	750	39.37	41.96	-6.18%	0.86	0.89	-4.04%	5/31/2025	D750V3 SN: 1071	11/7/2025	17.0	0.422	8.420	8.490	-0.82%	0.279	5.567	5.570	-0.06%	
				660	38.66	42.42	-8.87%	0.86	0.89	-3.11%													
				800	39.06	41.71	-6.34%	0.91	0.90	1.74%													
SAR 15	5/31/2025	Head	835	835	38.73	41.50	-6.67%	0.92	0.90	2.74%	5/31/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.525	10.475	9.690	8.10%	0.344	6.864	6.330	8.43%	110
				805	38.98	41.68	-6.48%	0.91	0.90	1.90%													
				850	38.67	41.50	-6.82%	0.93	0.92	1.63%													
SAR 15	6/4/2025	Head	750	750	38.74	41.96	-7.68%	0.86	0.89	-3.82%	6/4/2025	D750V3 SN: 1024	5/11/2026	17.0	0.397	7.921	8.520	-7.03%	0.264	5.267	5.600	-5.94%	
				660	39.61	42.42	-6.63%	0.83	0.89	-6.31%													
				800	38.60	41.71	-7.45%	0.87	0.90	-2.61%													
SAR 15	6/4/2025	Head	835	835	38.61	41.50	-6.96%	0.89	0.90	-1.46%	6/4/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.456	9.098	9.660	-5.81%	0.300	5.986	6.270	-4.53%	111
				805	38.61	41.68	-7.36%	0.88	0.90	-2.46%													
				850	38.57	41.50	-7.06%	0.89	0.92	-2.46%													
SAR 15	6/7/2025	Head	750	750	42.35	41.96	0.93%	0.86	0.89	-3.33%	6/7/2025	D750V3 SN: 1024	5/11/2026	17.0	0.407	8.121	8.520	-4.69%	0.271	5.407	5.600	-3.44%	
				660	42.98	42.42	1.31%	0.83	0.89	-6.31%													
				800	42.18	41.71	1.14%	0.88	0.90	-1.44%													
SAR 15	6/7/2025	Head	835	835	42.14	41.50	1.54%	0.90	0.90	-0.44%	6/7/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.505	10.076	9.690	3.98%	0.334	6.664	6.330	5.28%	
				805	42.11	41.68	1.03%	0.90	0.90	-0.13%													
				850	42.04	41.50	1.30%	0.90	0.92	-1.53%													
SAR 15	6/10/2025	Head	750	750	42.52	41.96	1.33%	0.88	0.89	-1.80%	6/10/2025	D750V3 SN: 1024	5/11/2026	17.0	0.410	8.181	8.520	-3.98%	0.271	5.407	5.600	-3.44%	
				660	42.86	42.42	1.03%	0.85	0.89	-4.57%													
				800	42.34	41.71	1.52%	0.89	0.90	-0.81%													
SAR 15	6/10/2025	Head	835	835	42.23	41.50	1.76%	0.90	0.90	0.51%	6/10/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.504	10.056	9.660	4.10%	0.332	6.624	6.270	5.65%	
				805	42.32	41.68	1.54%	0.89	0.90	-0.66%													
				850	42.19	41.50	1.66%	0.91	0.92	-0.38%													
SAR 15	6/13/2025	Head	750	750	40.16	41.96	-4.29%	0.88	0.89	-0.99%	6/13/2025	D750V3 SN: 1024	5/11/2026	17.0	0.393	7.841	8.520	-7.97%	0.255	5.088	5.600	-9.14%	112
				660	40.60	42.42	-4.30%	0.85	0.89	-3.62%													
				800	39.96	41.71	-4.18%	0.90	0.90	0.34%													
SAR 15	6/13/2025	Head	835	835	39.95	41.50	-3.73%	0.91	0.90	1.23%	6/13/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.487	9.717	9.660	0.59%	0.313	6.245	6.270	-0.40%	
				805	39.96	41.68	-4.13%	0.90	0.90	0.47%													
				850	39.93	41.50	-3.78%	0.92	0.92	0.17%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	
SAR 15	6/26/2025	Head	750	750	41.02	41.96	-2.24%	0.87	0.89	-2.65%	6/26/2025	D750V3 SN: 1071	11/7/2025	17.0	0.409	8.161	8.490	-3.88%	0.270	5.387	5.570	-3.28%	
				660	41.31	42.42	-2.62%	0.84	0.89	-5.06%													
				800	40.81	41.71	-2.15%	0.89	0.90	-1.08%													
SAR 15	6/26/2025	Head	835	835	40.71	41.50	-1.90%	0.90	0.90	-0.06%	6/26/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.512	10.216	9.690	5.43%	0.336	6.704	6.330	5.91%	
				805	40.79	41.68	-2.13%	0.89	0.90	-0.93%													
				850	40.66	41.50	-2.02%	0.90	0.92	-1.19%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 20	5/14/2025	Head	750	750	39.33	41.96	-6.27%	0.83	0.89	-7.35%	5/14/2025	D750V3 SN: 1071	11/7/2025	17.0	0.386	7.702	8.490	-9.28%	0.257	5.128	5.570	-7.94%	118
				660	39.77	42.42	-6.25%	0.80	0.89	-9.54%													
				800	39.57	41.71	-5.12%	0.85	0.90	-5.25%													
SAR 20	5/15/2025	Head	835	835	43.02	41.50	3.66%	0.88	0.90	-2.27%	5/15/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.495	9.877	9.690	1.93%	0.328	6.544	6.330	3.39%	
				805	43.18	41.68	3.60%	0.87	0.90	-3.21%													
				850	42.97	41.50	3.54%	0.88	0.92	-3.33%													
SAR 20	5/18/2025	Head	750	750	41.60	41.96	-0.86%	0.84	0.89	-5.64%	5/18/2025	D750V3 SN: 1024	11/7/2025	20.0	0.782	7.820	8.520	-8.22%	0.520	5.200	5.600	-7.14%	
				660	43.75	42.42	3.13%	0.82	0.89	-7.88%													
				800	41.69	41.71	-0.04%	0.86	0.90	-4.53%													
SAR 20	5/18/2025	Head	835	835	42.57	41.50	2.58%	0.92	0.90	1.94%	5/18/2025	D835V2 SN: 4d002	11/7/2025	20.0	0.995	9.950	9.690	2.68%	0.660	6.600	6.330	4.27%	
				805	42.65	41.68	2.33%	0.91	0.90	1.18%													
				850	42.50	41.50	2.41%	0.92	0.92	0.89%													
SAR 20	5/22/2025	Head	835	835	42.56	41.50	2.55%	0.94	0.90	4.38%	5/22/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.518	10.335	9.690	6.66%	0.343	6.844	6.330	8.12%	119
				805	42.32	41.68	1.54%	0.93	0.90	3.81%													
				850	42.53	41.50	2.48%	0.94	0.92	3.15%													
SAR 20	5/22/2025	Head	750	750	42.18	41.96	0.52%	0.92	0.89	2.76%	5/22/2025	D750V3 SN: 1024	5/11/2026	17.0	0.434	8.659	8.520	1.64%	0.291	5.806	5.600	3.68%	
				660	44.47	42.42	4.83%	0.89	0.89	0.37%													
				800	42.22	41.71	1.23%	0.93	0.90	3.74%													
SAR 20	5/27/2025	Head	750	750	41.71	41.96	-0.60%	0.86	0.89	-3.28%	5/27/2025	D750V3 SN: 1071	11/7/2025	17.0	0.409	8.161	8.490	-3.88%	0.269	5.367	5.570	-3.64%	
				660	42.28	42.42	-0.34%	0.83	0.89	-6.03%													
				800	41.55	41.71	-0.37%	0.88	0.90	-1.83%													
SAR 20	5/27/2025	Head	835	835	41.50	41.50	0.00%	0.89	0.90	-0.88%	5/27/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.499	9.956	9.690	2.75%	0.330	6.584	6.330	4.02%	
				805	41.55	41.68	-0.31%	0.88	0.90	-1.69%													
				850	41.45	41.50	-0.12%	0.89	0.92	-2.50%													
SAR 20	5/31/2025	Head	750	750	43.47	41.96	3.59%	0.83	0.89	-7.48%	5/31/2025	D750V3 SN: 1071	11/7/2025	17.0	0.387	7.722	8.490	-9.05%	0.257	5.128	5.570	-7.94%	
				660	43.70	42.42	3.01%	0.80	0.89	-9.91%													
				800	43.33	41.71	3.90%	0.84	0.90	-5.98%													
SAR 20	6/3/2025	Head	750	750	43.46	41.96	3.57%	0.86	0.89	-3.99%	6/3/2025	D750V3 SN: 1071	11/7/2025	17.0	0.409	8.161	8.490	-3.88%	0.274	5.467	5.570	-1.85%	
				660	43.29	42.42	2.04%	0.81	0.89	-8.64%													
				800	43.16	41.71	3.49%	0.88	0.90	-1.85%													
SAR 20	6/3/2025	Head	835	835	43.04	41.50	3.71%	0.88	0.90	-1.78%	6/3/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.488	9.737	9.660	0.80%	0.324	6.465	6.270	3.10%	
				805	43.13	41.68	3.48%	0.88	0.90	-1.81%													
				850	42.99	41.50	3.59%	0.89	0.92	-3.13%													
SAR 20	6/7/2025	Head	750	750	41.30	41.96	-1.58%	0.90	0.89	1.10%	6/7/2025	D750V3 SN: 1024	5/11/2026	17.0	0.438	8.739	8.520	2.57%	0.290	5.786	5.600	3.33%	
				660	41.56	42.42	-2.03%	0.87	0.89	-1.80%													
				800	41.10	41.71	-1.45%	0.92	0.90	2.82%													
SAR 20	6/8/2025	Head	835	835	40.97	41.50	-1.28%	0.93	0.90	3.80%	6/8/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.492	9.817	9.660	1.62%	0.323	6.445	6.270	2.79%	
				805	41.08	41.68	-1.44%	0.92	0.90	2.99%													
				850	40.90	41.50	-1.45%	0.94	0.92	2.60%													
SAR 20	6/10/2025	Head	750	750	40.96	41.96	-2.39%	0.88	0.89	-1.90%	6/10/2025	D750V3 SN: 1024	5/11/2026	17.0	0.426	8.500	8.520	-0.24%	0.286	5.706	5.600	1.90%	
				660	41.38	42.42	-2.46%	0.85	0.89	-4.27%													
				800	40.76	41.71	-2.27%	0.89	0.90	-0.59%													
SAR 20	6/10/2025	Head	835	835	40.73	41.50	-1.86%	0.90	0.90	0.12%	6/10/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.526	10.495	9.660	8.64%	0.344	6.864	6.270	9.47%	120
				805	40.75	41.68	-2.23%	0.89	0.90	-0.48%													
				850	40.72	41.50	-1.88%	0.91	0.92	-0.99%													
SAR 20	6/13/2025	Head	750	750	40.83	41.96	-2.70%	0.85	0.89	-4.50%	6/13/2025	D750V3 SN: 1024	5/11/2026	17.0	0.389	7.762	8.520	-8.90%	0.258	5.148	5.600	-8.08%	121
				660	42.81	42.42	0.91%	0.83	0.89	-6.72%													
				800	40.77	41.71	-2.24%	0.87	0.90	-3.45%													
SAR 20	6/13/2025	Head	835	835	41.09	41.50	-0.99%	0.88	0.90	-2.66%	6/13/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.475	9.477	9.690	-2.19%	0.313	6.245	6.330	-1.34%	
				805	40.86	41.68	-1.97%	0.87	0.90	-3.37%													
				850	41.09	41.50	-0.99%	0.88	0.92	-3.65%													
SAR 20	6/17/2025	Head	750	750	41.99	41.96	0.07%	0.85	0.89	-4.98%	6/17/2025	D750V3 SN: 1024	5/11/2026	17.0	0.392	7.821	8.520	-8.20%	0.261	5.208	5.600	-7.01%	
				660	42.15	42.42	-0.64%	0.82	0.89	-7.68%													
				800	41.82	41.71	0.28%	0.86	0.90	-3.70%													
SAR 20	6/17/2025	Head	835	835	41.70	41.50	0.48%	0.88	0.90	-2.58%	6/17/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.487	9.717	9.690	0.28%	0.320	6.385	6.330	0.87%	
				805	41.80	41.68	0.29%	0.87	0.90	-3.56%													
				850	41.63	41.50	0.31%	0.88	0.92	-3.50%													
SAR 20	6/20/2025	Head	750	750	40.52	41.96	-3.44%	0.88	0.89	-1.46%	6/20/2025	D750V3 SN: 1024	5/11/2026	17.0	0.419	8.360	8.520	-1.88%	0.279	5.567	5.600	-0.59%	
				660	43.58	42.42	2.73%	0.85	0.89	-4.08%													
				800	40.57	41.71	-2.72%	0.90	0.90	0.34%													
SAR 20	6/20/2025	Head	835	835	41.00	41.50	-1.20%	0.91	0.90	1.11%	6/20/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.508	10.136	9.690	4.60%	0.335	6.684	6.330	5.59%	
				805	40.70	41.68	-2.35%	0.90	0.90	0.30%													
				850	41.00	41.50	-1.20%	0.92	0.92	0.55%													
SAR 20	6/24/2025	Head	750	750	40.24	41.96	-4.10%	0.86	0.89	-3.49%	6/24/2025	D750V3 SN: 1024	5/11/2026	17.0	0.405	8.081	8.520	-5.15%	0.269	5.367	5.600	-4.16%	
				660	40.78	42.42	-3.87%	0.83	0.89	-6.04%													
				800	40.08	41.71	-3.90%	0.88	0.90	-2.02%													
SAR 20	6/24/2025	Head	835	835	40.04	41.50	-3.52%	0.89	0.90	-1.11%	6/24/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.490	9.777	9.690	0.90%	0.322	6.425	6.330	1.50%	
				805	40.07	41.68	-3.86%	0.88	0.90	-1.88%													
				850	40.00	41.50	-3.61%	0.89	0.92	-2.20%													
SAR 20	6/27/2025	Head	750	750	43.13	41.96	2.78%	0.85	0.89	-5.06%	6/27/2025	D750V3 SN: 1024	5/11/2026	17.0	0.404	8.061	8.520	-5.39%	0.269	5.367	5.600	-4.16%	
				660	42.76	42.42	0.79%	0.81	0.89	-8.27%													
				800	42.88	41.71	2.82%	0.87	0.90	-3.45%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 20	6/27/2025	Head	835	835	42.66	41.50	2.80%	0.88	0.90	-2.38%	6/27/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.495	9.877	9.690	1.93%	0.326	6.505	6.330	2.76%	
				805	42.83	41.68	2.76%	0.87	0.90	-3.26%													
				850	42.61	41.50	2.67%	0.88	0.92	-3.53%													
SAR 20	7/1/2025	Head	750	750	43.76	41.96	4.29%	0.86	0.89	-3.77%	7/1/2025	D750V3 SN: 1024	5/11/2026	17.0	0.403	8.041	8.520	-5.62%	0.267	5.327	5.600	-4.87%	
				660	43.51	42.42	2.56%	0.83	0.89	-6.36%													
				800	43.63	41.71	4.62%	0.87	0.90	-2.50%													
SAR 20	7/1/2025	Head	835	835	43.38	41.50	4.53%	0.89	0.90	-1.16%	7/1/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.487	9.717	9.690	0.28%	0.320	6.385	6.330	0.87%	
				805	43.58	41.68	4.56%	0.88	0.90	-2.29%													
				850	43.33	41.50	4.41%	0.89	0.92	-2.21%													
SAR 20	7/5/2025	Head	750	750	42.74	41.96	1.86%	0.84	0.89	-6.48%	7/5/2025	D750V3 SN: 1071	11/7/2025	17.0	0.400	7.981	8.490	-5.99%	0.270	5.387	5.570	-3.28%	
				660	44.89	42.42	5.82%	0.81	0.89	-8.82%													
				800	42.69	41.71	2.36%	0.85	0.90	-5.00%													
SAR 20	7/5/2025	Head	835	835	42.97	41.50	3.54%	0.87	0.90	-3.88%	7/5/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.497	9.916	9.690	2.34%	0.332	6.624	6.330	4.65%	
				805	42.78	41.68	2.64%	0.85	0.90	-4.85%													
				850	42.92	41.50	3.42%	0.87	0.92	-4.84%													
SAR 20	7/7/2025	Head	750	750	41.63	41.96	-0.79%	0.85	0.89	-4.68%	7/7/2025	D750V3 SN: 1024	5/11/2026	17.0	0.404	8.061	8.520	-5.39%	0.269	5.367	5.600	-4.16%	
				660	43.08	42.42	1.55%	0.83	0.89	-6.77%													
				800	41.52	41.71	-0.44%	0.87	0.90	-3.31%													
SAR 20	7/7/2025	Head	835	835	41.67	41.50	0.41%	0.88	0.90	-2.33%	7/7/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.489	9.757	9.690	0.69%	0.325	6.485	6.330	2.44%	
				805	41.57	41.68	-0.26%	0.87	0.90	-3.18%													
				850	41.62	41.50	0.29%	0.88	0.92	-3.43%													
SAR 20	7/11/2025	Head	750	750	41.60	41.96	-0.86%	0.89	0.89	-0.34%	7/11/2025	D750V3 SN: 1024	5/11/2026	17.0	0.422	8.420	8.520	-1.17%	0.281	5.607	5.600	0.12%	
				660	44.09	42.42	3.93%	0.86	0.89	-2.95%													
				800	41.54	41.71	-0.40%	0.90	0.90	0.34%													
SAR 20	7/11/2025	Head	835	835	41.94	41.50	1.06%	0.91	0.90	1.59%	7/11/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.508	10.136	9.660	4.93%	0.335	6.684	6.270	6.60%	
				805	41.65	41.68	-0.07%	0.90	0.90	0.62%													
				850	41.90	41.50	0.96%	0.92	0.92	0.54%													
SAR 20	7/15/2025	Head	750	750	39.98	41.96	-4.72%	0.85	0.89	-4.59%	7/15/2025	D750V3 SN: 1024	5/11/2026	17.0	0.407	8.121	8.520	-4.69%	0.269	5.367	5.600	-4.16%	
				660	40.24	42.42	-5.15%	0.83	0.89	-6.88%													
				800	39.75	41.71	-4.69%	0.87	0.90	-3.19%													
SAR 20	7/15/2025	Head	835	835	39.71	41.50	-4.31%	0.88	0.90	-2.23%	7/15/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.486	9.697	9.660	0.38%	0.319	6.365	6.270	1.51%	
				805	39.74	41.68	-4.65%	0.87	0.90	-3.04%													
				850	39.66	41.50	-4.43%	0.88	0.92	-3.32%													
SAR 20	7/19/2025	Head	750	750	42.93	41.96	2.31%	0.85	0.89	-4.82%	7/19/2025	D750V3 SN: 1024	5/11/2026	17.0	0.399	7.961	8.520	-6.56%	0.268	5.347	5.600	-4.51%	
				660	44.16	42.42	4.09%	0.81	0.89	-8.59%													
				800	42.90	41.71	2.87%	0.86	0.90	-4.12%													
SAR 20	7/19/2025	Head	835	835	42.97	41.50	3.54%	0.88	0.90	-2.22%	7/19/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.489	9.757	9.660	1.00%	0.323	6.445	6.270	2.79%	
				805	42.94	41.68	3.02%	0.87	0.90	-3.04%													
				850	42.90	41.50	3.37%	0.88	0.92	-3.83%													
SAR 20	7/23/2025	Head	750	750	44.60	41.96	6.29%	0.84	0.89	-5.46%	7/23/2025	D750V3 SN: 1024	5/11/2026	17.0	0.396	7.901	8.520	-7.26%	0.264	5.267	5.600	-5.94%	
				660	44.49	42.42	4.87%	0.81	0.89	-8.23%													
				800	44.50	41.71	6.70%	0.86	0.90	-4.24%													
SAR 20	7/23/2025	Head	835	835	44.32	41.50	6.80%	0.87	0.90	-2.79%	7/23/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.476	9.497	9.660	-1.68%	0.315	6.285	6.270	0.24%	
				805	44.47	41.68	6.70%	0.86	0.90	-4.04%													
				850	44.25	41.50	6.63%	0.88	0.92	-3.73%													
SAR 20	7/28/2025	Head	750	750	41.84	41.96	-0.29%	0.84	0.89	-5.55%	7/28/2025	D750V3 SN: 1024	5/11/2026	17.0	0.415	8.280	8.520	-2.81%	0.275	5.487	5.600	-2.02%	
				660	43.42	42.42	2.35%	0.82	0.89	-7.96%													
				800	41.72	41.71	0.04%	0.85	0.90	-4.71%													
SAR 20	7/28/2025	Head	835	835	41.96	41.50	1.11%	0.87	0.90	-3.38%	7/28/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.489	9.757	9.660	1.00%	0.328	6.544	6.270	4.38%	
				805	41.79	41.68	0.27%	0.86	0.90	-4.56%													
				850	41.93	41.50	1.04%	0.88	0.92	-4.28%													
SAR 20	8/1/2025	Head	750	750	42.09	41.96	0.31%	0.87	0.89	-3.05%	8/1/2025	D750V3 SN: 1024	5/11/2026	17.0	0.412	8.220	8.520	-3.52%	0.276	5.507	5.600	-1.66%	
				660	43.92	42.42	3.53%	0.82	0.89	-7.71%													
				800	42.05	41.71	0.83%	0.88	0.90	-2.36%													
SAR 20	8/1/2025	Head	835	835	42.31	41.50	1.95%	0.89	0.90	-1.49%	8/1/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.493	9.837	9.660	1.83%	0.328	6.544	6.270	4.38%	
				805	42.12	41.68	1.06%	0.88	0.90	-2.33%													
				850	42.27	41.50	1.86%	0.89	0.92	-2.49%													
SAR 20	8/5/2025	Head	750	750	42.35	41.96	0.93%	0.88	0.89	-1.45%	8/5/2025	D750V3 SN: 1024	5/11/2026	17.0	0.416	8.300	8.520	-2.58%	0.277	5.527	5.600	-1.31%	
				660	43.62	42.42	2.82%	0.86	0.89	-3.37%													
				800	42.29	41.71	1.40%	0.90	0.90	0.22%													
SAR 20	8/5/2025	Head	835	835	42.31	41.50	1.95%	0.91	0.90	0.84%	8/5/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.497	9.916	9.660	2.65%	0.328	6.544	6.270	4.38%	
				805	42.31	41.68	1.51%	0.90	0.90	0.31%													
				850	42.26	41.50	1.83%	0.91	0.92	-0.16%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 21	5/13/2025	Head	835	835	44.15	41.50	6.39%	0.87	0.90	-2.81%	5/13/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.498	9.936	9.690	2.54%	0.331	6.604	6.330	4.33%	
				805	44.16	41.68	5.95%	0.87	0.90	-3.26%													
				850	44.13	41.50	6.34%	0.88	0.92	-3.96%													
SAR 21	5/14/2025	Head	750	750	43.25	41.96	3.07%	0.84	0.89	-5.73%	5/14/2025	D750V3 SN: 1071	11/7/2025	17.0	0.427	8.520	8.490	0.35%	0.286	5.706	5.570	2.45%	
				660	43.70	42.42	3.01%	0.81	0.89	-8.30%													
				800	43.08	41.71	3.30%	0.86	0.90	-4.55%													
SAR 21	5/16/2025	Head	750	750	40.27	41.96	-4.03%	0.84	0.89	-6.12%	5/16/2025	D750V3 SN: 1071	11/7/2025	17.0	0.404	8.061	8.490	-5.05%	0.271	5.407	5.570	-2.92%	
				660	43.35	42.42	2.18%	0.81	0.89	-8.44%													
				800	40.41	41.71	-3.11%	0.85	0.90	-5.21%													
SAR 21	5/18/2025	Head	750	750	41.89	41.96	-0.17%	0.83	0.89	-7.06%	5/18/2025	D750V3 SN: 1071	11/7/2025	17.0	0.390	7.782	8.490	-8.34%	0.260	5.188	5.570	-6.86%	122
				660	41.96	42.42	-1.09%	0.80	0.89	-9.72%													
				800	41.80	41.71	0.23%	0.84	0.90	-6.35%													
SAR 21	5/18/2025	Head	835	835	44.21	41.50	6.53%	0.88	0.90	-2.22%	5/18/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.512	10.216	9.690	5.43%	0.337	6.724	6.330	6.22%	123
				805	44.26	41.68	6.19%	0.87	0.90	-3.04%													
				850	44.17	41.50	6.43%	0.88	0.92	-3.83%													
SAR 21	5/22/2025	Head	750	750	42.33	41.96	0.88%	0.86	0.89	-3.70%	5/22/2025	D750V3 SN: 1071	11/7/2025	17.0	0.420	8.380	8.490	-1.29%	0.283	5.647	5.570	1.38%	
				660	42.41	42.42	-0.03%	0.83	0.89	-6.13%													
				800	42.11	41.71	0.97%	0.88	0.90	-2.05%													
SAR 21	5/22/2025	Head	835	835	42.00	41.50	1.20%	0.89	0.90	-1.28%	5/22/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.502	10.016	9.690	3.37%	0.334	6.664	6.330	5.28%	
				805	42.09	41.68	0.98%	0.88	0.90	-1.94%													
				850	41.96	41.50	1.11%	0.89	0.92	-2.42%													
SAR 21	5/27/2025	Head	750	750	41.10	41.96	-2.05%	0.84	0.89	-5.65%	5/27/2025	D750V3 SN: 1071	11/7/2025	17.0	0.427	8.520	8.490	0.35%	0.286	5.706	5.570	2.45%	
				660	43.57	42.42	2.70%	0.81	0.89	-8.22%													
				800	41.15	41.71	-1.33%	0.86	0.90	-4.55%													
SAR 21	5/31/2025	Head	750	750	40.23	41.96	-4.13%	0.86	0.89	-3.70%	5/31/2025	D750V3 SN: 1024	5/11/2026	17.0	0.416	8.300	8.520	-2.58%	0.279	5.567	5.600	-0.59%	
				660	40.34	42.42	-4.91%	0.83	0.89	-6.34%													
				800	40.09	41.71	-3.87%	0.88	0.90	-1.89%													
SAR 21	5/31/2025	Head	835	835	40.00	41.50	-3.61%	0.89	0.90	-1.11%	5/31/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.498	9.936	9.690	2.54%	0.333	6.644	6.330	4.96%	
				805	40.10	41.68	-3.79%	0.88	0.90	-2.04%													
				850	39.90	41.50	-3.86%	0.90	0.92	-2.19%													
SAR 21	6/3/2025	Head	835	835	43.95	41.50	5.90%	0.92	0.90	2.22%	6/3/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.528	10.535	9.660	9.06%	0.343	6.844	6.270	9.15%	124
				805	44.05	41.68	5.69%	0.92	0.90	2.53%													
				850	43.90	41.50	5.78%	0.92	0.92	0.55%													
SAR 21	6/3/2025	Head	750	750	44.39	41.96	5.79%	0.90	0.89	0.33%	6/4/2025	D750V3 SN: 1071	11/7/2025	17.0	0.440	8.779	8.490	3.41%	0.289	5.766	5.570	3.52%	
				660	44.11	42.42	3.98%	0.85	0.89	-4.31%													
				800	44.09	41.71	5.72%	0.92	0.90	2.35%													
SAR 21	6/7/2025	Head	750	750	42.08	41.96	0.28%	0.84	0.89	-5.94%	6/7/2025	D750V3 SN: 1024	5/11/2026	17.0	0.439	8.759	8.520	2.81%	0.287	5.726	5.600	2.26%	
				660	42.17	42.42	-0.60%	0.81	0.89	-8.66%													
				800	41.74	41.71	0.08%	0.87	0.90	-3.44%													
SAR 21	6/7/2025	Head	835	835	41.64	41.50	0.34%	0.88	0.90	-2.56%	6/7/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.487	9.717	9.690	0.28%	0.315	6.285	6.330	-0.71%	
				805	41.72	41.68	0.10%	0.87	0.90	-3.12%													
				850	41.61	41.50	0.27%	0.88	0.92	-3.77%													
SAR 21	6/10/2025	Head	750	750	41.35	41.96	-1.46%	0.85	0.89	-5.09%	6/10/2025	D750V3 SN: 1024	5/11/2026	17.0	0.431	8.600	8.520	0.93%	0.282	5.627	5.600	0.48%	
				660	42.04	42.42	-0.90%	0.82	0.89	-7.58%													
				800	41.16	41.71	-1.31%	0.86	0.90	-3.80%													
SAR 21	6/10/2025	Head	835	835	41.19	41.50	-0.75%	0.87	0.90	-2.99%	6/10/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.507	10.116	9.660	4.72%	0.329	6.564	6.270	4.70%	
				850	41.16	41.68	-1.25%	0.86	0.90	-3.69%													
				750	41.19	41.96	-1.84%	0.85	0.89	-4.69%													
SAR 21	6/14/2025	Head	750	660	42.72	42.42	0.70%	0.82	0.89	-6.98%	6/14/2025	D750V3 SN: 1024	5/11/2026	17.0	0.405	8.081	8.520	-5.15%	0.271	5.407	5.600	-3.44%	125
				800	41.11	41.71	-1.43%	0.86	0.90	-3.58%													
				835	41.33	41.50	-0.41%	0.88	0.90	-2.78%													
SAR 21	6/14/2025	Head	835	805	41.17	41.68	-1.22%	0.87	0.90	-3.49%	6/14/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.488	9.737	9.690	0.48%	0.323	6.445	6.330	1.81%	
				850	41.33	41.50	-0.41%	0.88	0.92	-3.78%													
				750	42.85	41.96	2.12%	0.87	0.89	-2.83%													
SAR 21	6/17/2025	Head	750	660	43.07	42.42	1.52%	0.84	0.89	-5.58%	6/17/2025	D750V3 SN: 1024	5/11/2026	17.0	0.419	8.360	8.520	-1.88%	0.279	5.567	5.600	-0.59%	
				800	42.69	41.71	2.36%	0.88	0.90	-1.53%													
				835	42.59	41.50	2.63%	0.90	0.90	-0.38%													
SAR 21	6/17/2025	Head	835	805	42.68	41.68	2.40%	0.88	0.90	-1.38%	6/17/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.505	10.076	9.690	3.98%	0.333	6.644	6.330	4.96%	
				850	42.53	41.50	2.48%	0.90	0.92	-1.31%													
				750	42.28	41.96	0.76%	0.85	0.89	-5.17%													
SAR 21	6/20/2025	Head	750	660	43.78	42.42	3.20%	0.83	0.89	-5.85%	6/20/2025	D750V3 SN: 1024	5/11/2026	17.0	0.415	8.280	8.520	-2.81%	0.277	5.527	5.600	-1.31%	
				800	42.16	41.71	1.09%	0.88	0.90	-1.82%													
				835	42.35	41.50	2.05%	0.89	0.90	-0.66%													
SAR 21	6/20/2025	Head	835	805	42.22	41.68	1.30%	0.88	0.90	-1.66%	6/20/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.497	9.916	9.660	2.65%	0.329	6.564	6.270	4.70%	
				850	42.34	41.50	2.02%	0.90	0.92	-1.62%													
				750	40.97	41.96	-2.36%	0.86	0.89	-3.77%													
SAR 21	6/24/2025	Head	750	660	41.29	42.42	-2.67%	0.83	0.89	-6.44%	6/24/2025	D750V3 SN: 1024	5/11/2026	17.0	0.417	8.320	8.520	-2.34%	0.277	5.527	5.600	-1.31%	
				800	40.78	41.71	-2.22%	0.88	0.90	-2.22%													
				835	40.71	41.50	-1.90%	0.89	0.90	-1.27%													
SAR 21	6/24/2025	Head	835	805	40.77	41.68	-2.18%	0.88	0.90	-2.07%	6/24/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.495	9.877	9.690	1.93%	0.326	6.505	6.330	2.76%	
				850	40.67	41.50	-2.00%	0.89	0.92	-2.33%													

Liquid Check											System Check												
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 21	6/27/2025	Head	750	750	44.49	41.96	6.03%	0.85	0.89	-4.89%	6/27/2025	D750V3 SN: 1024	5/11/2026	17.0	0.414	8.260	8.520	-3.05%	0.275	5.487	5.600	-2.02%	
				660	43.31	42.42	2.09%	0.82	0.89	-7.58%													
				800	44.20	41.71	5.98%	0.87	0.90	-3.17%													
SAR 21	6/27/2025	Head	835	835	43.81	41.50	5.57%	0.88	0.90	-2.04%	6/27/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.495	9.877	9.690	1.93%	0.327	6.525	6.330	3.07%	
				805	44.10	41.68	5.81%	0.87	0.90	-2.95%													
				850	43.74	41.50	5.40%	0.89	0.92	-3.20%													
SAR 21	7/1/2025	Head	750	750	42.67	41.96	1.69%	0.88	0.89	-1.90%	7/1/2025	D750V3 SN: 1024	5/11/2026	17.0	0.431	8.600	8.520	0.93%	0.286	5.706	5.600	1.90%	
				660	42.45	42.42	0.06%	0.85	0.89	-4.42%													
				800	42.53	41.71	1.98%	0.89	0.90	-0.62%													
SAR 21	7/1/2025	Head	835	835	42.32	41.50	1.98%	0.91	0.90	0.68%	7/1/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.505	10.076	9.690	3.98%	0.332	6.624	6.330	4.65%	
				805	42.49	41.68	1.94%	0.89	0.90	-0.40%													
				850	42.27	41.50	1.86%	0.91	0.92	-0.43%													
SAR 21	7/5/2025	Head	750	750	42.98	41.96	2.43%	0.86	0.89	-4.17%	7/5/2025	D750V3 SN: 1024	5/11/2026	17.0	0.436	8.699	8.520	2.10%	0.293	5.846	5.600	4.39%	
				660	43.75	42.42	3.13%	0.83	0.89	-6.51%													
				800	42.93	41.71	2.94%	0.87	0.90	-2.75%													
SAR 21	7/5/2025	Head	835	835	43.34	41.50	4.43%	0.89	0.90	-1.49%	7/5/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.510	10.176	9.690	5.01%	0.340	6.784	6.330	7.17%	
				805	43.42	41.68	4.18%	0.87	0.90	-2.60%													
				850	43.28	41.50	4.29%	0.89	0.92	-2.56%													
SAR 21	7/8/2025	Head	750	750	41.76	41.96	-0.48%	0.86	0.89	-3.39%	7/8/2025	D750V3 SN: 1024	5/11/2026	17.0	0.415	8.280	8.520	-2.81%	0.276	5.507	5.600	-1.66%	
				660	42.16	42.42	-0.62%	0.83	0.89	-6.00%													
				800	41.62	41.71	-0.20%	0.88	0.90	-2.15%													
SAR 21	7/8/2025	Head	835	835	41.58	41.50	0.19%	0.89	0.90	-0.96%	7/8/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.498	9.936	9.690	2.54%	0.329	6.564	6.330	3.70%	
				805	41.62	41.68	-0.14%	0.88	0.90	-1.98%													
				850	41.52	41.50	0.05%	0.90	0.92	-2.00%													
SAR 21	7/11/2025	Head	750	750	40.57	41.96	-3.32%	0.89	0.89	-0.89%	7/11/2025	D750V3 SN: 1024	5/11/2026	17.0	0.439	8.759	8.520	2.81%	0.292	5.826	5.600	4.04%	
				660	42.90	42.42	1.12%	0.86	0.89	-3.23%													
				800	40.47	41.71	-2.96%	0.90	0.90	0.83%													
SAR 21	7/11/2025	Head	835	835	40.85	41.50	-1.57%	0.91	0.90	1.60%	7/11/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.504	10.056	9.660	4.10%	0.332	6.624	6.270	5.65%	
				805	40.57	41.68	-2.66%	0.91	0.90	0.96%													
				850	40.82	41.50	-1.64%	0.92	0.92	0.44%													
SAR 21	7/15/2025	Head	750	750	39.19	41.96	-6.60%	0.84	0.89	-5.80%	7/15/2025	D750V3 SN: 1024	5/11/2026	17.0	0.409	8.161	8.520	-4.22%	0.272	5.427	5.600	-3.09%	
				660	39.37	42.42	-7.20%	0.82	0.89	-7.87%													
				800	38.96	41.71	-6.58%	0.86	0.90	-4.16%													
SAR 21	7/15/2025	Head	835	835	38.90	41.50	-6.27%	0.87	0.90	-3.56%	7/15/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.483	9.637	9.660	-0.24%	0.316	6.305	6.270	0.56%	
				805	38.95	41.68	-6.55%	0.86	0.90	-4.07%													
				850	38.85	41.50	-6.39%	0.87	0.92	-4.59%													
SAR 21	7/19/2025	Head	750	750	38.52	41.96	-8.20%	0.85	0.89	-4.70%	7/19/2025	D750V3 SN: 1024	5/11/2026	17.0	0.418	8.340	8.520	-2.11%	0.278	5.547	5.600	-0.95%	
				660	42.07	42.42	-0.83%	0.86	0.89	-3.40%													
				800	41.97	41.71	0.64%	0.87	0.90	-3.35%													
SAR 21	7/19/2025	Head	835	835	42.08	41.50	1.40%	0.88	0.90	-2.19%	7/19/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.495	9.877	9.660	2.24%	0.325	6.485	6.270	3.42%	
				805	42.01	41.68	0.79%	0.87	0.90	-3.23%													
				850	42.05	41.50	1.33%	0.89	0.92	-3.06%													
SAR 21	7/23/2025	Head	750	750	40.03	41.96	-4.60%	0.84	0.89	-6.25%	7/23/2025	D750V3 SN: 1024	5/11/2026	17.0	0.416	8.300	8.520	-2.58%	0.274	5.467	5.600	-2.37%	
				660	40.44	42.42	-4.67%	0.81	0.89	-8.70%													
				800	39.96	41.71	-4.18%	0.85	0.90	-5.06%													
SAR 21	7/26/2025	Head	835	835	41.61	41.50	0.27%	0.88	0.90	-2.36%	7/26/2025	D835V2 SN: 4d002	5/11/2026	17.0	0.494	9.857	9.690	1.72%	0.325	6.485	6.330	2.44%	
				805	41.69	41.68	0.03%	0.87	0.90	-3.38%													
				850	41.56	41.50	0.14%	0.89	0.92	-3.25%													
SAR 21	7/26/2025	Head	750	750	41.85	41.96	-0.27%	0.85	0.89	-5.30%	7/26/2025	D750V3 SN: 1024	5/11/2026	17.0	0.416	8.300	8.520	-2.58%	0.276	5.507	5.600	-1.66%	
				660	42.37	42.42	-0.13%	0.81	0.89	-8.20%													
				800	41.70	41.71	-0.01%	0.87	0.90	-3.55%													
SAR 21	7/30/2025	Head	750	750	43.07	41.96	2.64%	0.84	0.89	-5.93%	7/30/2025	D750V3 SN: 1024	5/11/2026	17.0	0.407	8.121	8.520	-4.69%	0.272	5.427	5.600	-3.09%	
				660	43.59	42.42	2.75%	0.81	0.89	-8.38%													
				800	42.91	41.71	2.89%	0.86	0.90	-4.64%													
SAR 21	7/30/2025	Head	835	835	42.89	41.50	3.35%	0.87	0.90	-3.64%	7/30/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.488	9.737	9.660	0.80%	0.324	6.465	6.270	3.10%	
				805	42.91	41.68	2.95%	0.86	0.90	-4.50%													
				850	42.87	41.50	3.30%	0.87	0.92	-4.61%													
SAR 21	8/3/2025	Head	835	835	44.81	41.50	7.98%	0.91	0.90	0.94%	8/3/2025	D835V2 SN: 4d117	5/11/2026	17.0	0.505	10.076	9.660	4.31%	0.334	6.664	6.270	6.29%	
				805	44.84	41.68	7.58%	0.90	0.90	0.38%													
				850	44.79	41.50	7.93%	0.91	0.92	-0.26%													
SAR 21	8/3/2025	Head	750	750	43.40	41.96	3.43%	0.85	0.89	-4.60%	8/3/2025	D750V3 SN: 1024	5/11/2026	17.0	0.412	8.220	8.520	-3.52%	0.274	5.467	5.600	-2.37%	
				660	43.85	42.42	3.36%	0.82	0.89	-7.09%													
				800	43.26	41.71	3.73%	0.87	0.90	-3.09%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 24	7/11/2025	Head	2600	2600	38.49	39.01	-1.34%	2.05	1.96	4.27%	7/11/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.740	54.670	55.400	-1.32%	1.250	24.941	24.900	0.16%	
				2495	38.68	39.14	-1.18%	1.95	1.85	5.59%													
				2690	38.31	38.90	-1.51%	2.13	2.06	3.23%													
SAR 24	7/11/2025	Head	1750	1750	39.03	40.08	-2.63%	1.39	1.37	1.54%	7/11/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.890	37.710	36.100	4.46%	1.020	20.352	18.900	7.68%	
				1695	39.07	40.17	-2.74%	1.36	1.34	1.50%													
				1780	38.98	40.04	-2.64%	1.41	1.39	1.59%													
SAR 24	7/11/2025	Head	1900	1900	38.80	40.00	-3.00%	1.49	1.40	6.21%	7/11/2025	D1900V2 SN: 5d140	4/14/2026	17.0	2.000	39.905	39.400	1.28%	1.050	20.950	20.600	1.70%	
				1850	38.89	40.00	-2.78%	1.46	1.40	4.00%													
				1920	38.76	40.00	-3.10%	1.50	1.40	7.36%													
SAR 24	7/15/2025	Head	1750	1750	41.38	40.08	3.23%	1.40	1.37	2.12%	7/15/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.880	37.511	36.100	3.91%	1.020	20.352	18.900	7.68%	
				1695	41.50	40.17	3.31%	1.37	1.34	2.32%													
				1780	41.34	40.04	3.25%	1.42	1.39	2.10%													
SAR 24	7/15/2025	Head	1900	1900	41.09	40.00	2.73%	1.49	1.40	6.21%	7/15/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.940	38.708	39.400	-1.76%	1.030	20.551	20.600	-0.24%	
				1850	41.20	40.00	3.00%	1.46	1.40	4.14%													
				1920	41.03	40.00	2.58%	1.50	1.40	7.07%													
SAR 24	7/16/2025	Head	1640	1640	42.64	40.25	5.93%	1.30	1.31	-0.76%	7/16/2025	D1640V2 SN: 324	6/13/2026	17.0	1.650	32.922	33.900	-2.89%	0.907	18.097	18.300	-1.11%	128
				1610	42.71	40.30	5.98%	1.28	1.29	-0.70%													
				1665	42.60	40.22	5.93%	1.31	1.32	-0.76%													
SAR 24	7/19/2025	Head	1750	1750	40.22	40.08	0.34%	1.38	1.37	0.81%	7/19/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.830	36.513	36.100	1.14%	0.985	19.653	18.900	3.99%	
				1695	40.31	40.17	0.35%	1.35	1.34	1.12%													
				1780	40.16	40.04	0.30%	1.40	1.39	0.87%													
SAR 24	7/19/2025	Head	1900	1900	39.96	40.00	-0.10%	1.48	1.40	5.50%	7/19/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.980	39.506	39.400	0.27%	1.040	20.751	20.600	0.73%	
				1850	40.09	40.00	0.23%	1.44	1.40	3.07%													
				1920	39.96	40.00	-0.11%	1.49	1.40	6.43%													
SAR 24	7/22/2025	Head	1750	1750	42.59	40.08	6.25%	1.35	1.37	-1.53%	7/22/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.740	34.718	36.100	-3.83%	0.938	18.716	18.900	-0.98%	
				1695	42.57	40.17	5.98%	1.32	1.34	-1.42%													
				1780	42.58	40.04	6.35%	1.37	1.39	-1.22%													
SAR 24	7/22/2025	Head	1900	1900	42.43	40.00	6.08%	1.45	1.40	3.64%	7/22/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.930	38.509	39.400	-2.26%	1.010	20.152	20.600	-2.17%	
				1850	42.49	40.00	6.23%	1.42	1.40	1.14%													
				1920	42.39	40.00	5.98%	1.47	1.40	4.79%													
SAR 24	7/23/2025	Head	1640	1640	42.39	40.25	5.31%	1.29	1.31	-1.14%	7/23/2025	D1640V2 SN: 324	6/13/2026	17.0	1.650	32.922	33.900	-2.89%	0.910	18.157	18.300	-0.78%	
				1610	42.44	40.30	5.31%	1.28	1.29	-0.93%													
				1665	42.34	40.22	5.28%	1.30	1.32	-1.36%													
SAR 24	7/26/2025	Head	1640	1640	40.35	40.25	0.24%	1.30	1.31	-0.68%	7/26/2025	D1640V2 SN: 324	6/13/2026	17.0	1.680	33.520	33.900	-1.12%	0.919	18.336	18.300	0.20%	
				1610	40.42	40.30	0.30%	1.28	1.29	-0.47%													
				1665	40.29	40.22	0.19%	1.31	1.32	-0.83%													
SAR 24	7/26/2025	Head	1750	1750	40.16	40.08	0.19%	1.35	1.37	-1.68%	7/26/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.740	34.718	36.100	-3.83%	0.933	18.622	18.900	-1.47%	
				1695	40.23	40.17	0.15%	1.32	1.34	-1.04%													
				1780	40.17	40.04	0.33%	1.36	1.39	-1.87%													
SAR 24	7/26/2025	Head	1900	1900	40.07	40.00	0.18%	1.44	1.40	2.71%	7/26/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.940	38.708	39.400	-1.76%	1.010	20.152	20.600	-2.17%	
				1850	40.14	40.00	0.35%	1.41	1.40	0.50%													
				1920	40.05	40.00	0.12%	1.45	1.40	3.64%													
SAR 24	7/30/2025	Head	1640	1640	40.66	40.25	1.01%	1.28	1.31	-1.75%	7/30/2025	D1640V2 SN: 324	6/13/2026	17.0	1.700	33.919	33.900	0.06%	0.935	18.656	18.300	1.94%	
				1610	40.75	40.30	1.12%	1.27	1.29	-1.86%													
				1665	40.59	40.22	0.93%	1.30	1.32	-1.74%													
SAR 24	7/30/2025	Head	1750	1750	40.39	40.08	0.76%	1.33	1.37	-2.55%	7/30/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.740	34.718	36.100	-3.83%	0.938	18.716	18.900	-0.98%	
				1695	40.51	40.17	0.85%	1.31	1.34	-1.94%													
				1780	40.37	40.04	0.83%	1.35	1.39	-2.88%													
SAR 24	7/30/2025	Head	1900	1900	40.41	40.00	1.02%	1.42	1.40	1.43%	7/30/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.900	37.910	39.400	-3.78%	0.999	19.933	20.600	-3.24%	
				1850	40.42	40.00	1.05%	1.38	1.40	-1.43%													
				1920	40.37	40.00	0.92%	1.44	1.40	2.57%													
SAR 24	7/30/2025	Head	2600	2600	40.18	39.01	3.00%	1.96	1.96	-0.31%	7/30/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.590	51.677	55.400	-6.72%	1.180	23.544	24.900	-5.45%	
				2495	40.39	39.14	3.19%	1.86	1.85	0.67%													
				2690	39.99	38.90	2.81%	2.04	2.06	-1.09%													
SAR 24	8/2/2025	Head	1640	1640	40.37	40.25	0.29%	1.30	1.31	-0.53%	8/2/2025	D1640V2 SN: 324	6/13/2026	17.0	1.670	33.321	33.900	-1.71%	0.915	18.257	18.300	-0.24%	
				1610	40.45	40.30	0.37%	1.28	1.29	-0.78%													
				1665	40.30	40.22	0.21%	1.31	1.32	-0.53%													
SAR 24	8/2/2025	Head	1750	1750	40.13	40.08	0.11%	1.36	1.37	-1.02%	8/2/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.810	36.114	36.100	0.04%	0.975	19.454	18.900	2.93%	
				1695	40.23	40.17	0.15%	1.33	1.34	-0.74%													
				1780	40.10	40.04	0.15%	1.37	1.39	-1.15%													
SAR 24	8/2/2025	Head	1900	1900	39.93	40.00	-0.18%	1.44	1.40	3.00%	8/2/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.930	38.509	39.400	-2.26%	1.010	20.152	20.600	-2.17%	
				1850	40.03	40.00	0.08%	1.41	1.40	0.71%													
				1920	39.89	40.00	-0.27%	1.45	1.40	3.64%													
SAR 24	8/2/2025	Head	2600	2600	38.92	39.01	-0.23%	1.93	1.96	-1.84%	8/2/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.560	51.079	55.400	-7.80%	1.160	23.145	24.900	-7.05%	129
				2495	39.09	39.14	-0.14%	1.84	1.85	-0.31%													
				2690	38.79	38.90	-0.28%	2.00	2.06	-3.08%													
SAR 24	8/8/2025	Head	2600	2600	36.64	39.01	-6.08%	1.89	1.96	-3.68%	8/8/2025	D2600V2 SN: 1036	4/11/2026	17.0	2.650	52.874	55.400	-4.56%	1.210	24.143	24.900	-3.04%	
				2495	36.79	39.14	-6.01%	1.80	1.85	-2.52%													
				2690	36.46	38.90	-6.27%	1.97	2.06	-4.59%													
SAR 24	8/8/2025	Head	1750	1750	38.84	40.08	-3.10%	1.31	1.37	-4.16%	8/8/2025	D1750V2 SN: 1050	4/19/2026	17.0	1.790	35.715	36.100	-1.07%	0.968	19.314	18.900	2.19%	
				1695	38.91	40.17	-3.13%	1.28	1.34	-4.11%													
				1780	38.79	40.04	-3.12%	1.33	1.39	-4.25%													
SAR 24	8/8/2025	Head	1900	1900	38.67	40.00	-3.33%	1.40	1.40	-0.14%	8/8/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.910	38.110	39.400	-3.28%	1.010	20.152	20.600	-2.17%	
				1850	38.73	40.00	-3.18%	1.37	1.40	-2.36%													
				1920	38.63	40.00	-3.42%	1.41	1.40	0.93%													

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Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 26	7/1/2025	Head	750	750	42.33	41.96	0.88%	0.86	0.89	-4.16%	7/1/2025	D750V3 SN: 1019	4/13/2026	17.0	0.403	8.041	8.510	-5.51%	0.273	5.447	5.590	-2.56%	
				660	42.00	42.42	-1.00%	0.83	0.89	-6.82%													
				800	42.19	41.71	1.16%	0.87	0.90	-2.85%													
SAR 26	7/1/2025	Head	835	835	41.92	41.50	1.01%	0.89	0.90	-1.47%	7/1/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.478	9.537	9.690	-1.58%	0.322	6.425	6.330	1.50%	
				805	42.13	41.68	1.08%	0.87	0.90	-2.62%													
				850	41.86	41.50	0.87%	0.89	0.92	-2.52%													
SAR 26	7/1/2025	Head	1750	1750	39.92	40.08	-0.41%	1.30	1.37	-5.04%	7/1/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.750	34.917	36.600	-4.60%	0.966	19.274	19.300	-0.13%	
				1695	39.99	40.17	-0.45%	1.27	1.34	-4.85%													
				1780	39.88	40.04	-0.40%	1.32	1.39	-4.90%													
SAR 26	7/1/2025	Head	1900	1900	39.66	40.00	-0.85%	1.39	1.40	-1.00%	7/1/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.910	38.110	39.400	-3.28%	1.030	20.551	20.600	-0.24%	132
				1850	39.76	40.00	-0.60%	1.36	1.40	-3.00%													
				1920	39.63	40.00	-0.92%	1.40	1.40	-0.29%													
SAR 26	7/5/2025	Head	750	750	43.76	41.96	4.29%	0.85	0.89	-4.53%	7/5/2025	D750V3 SN: 1019	4/13/2026	17.0	0.402	8.021	8.510	-5.75%	0.271	5.407	5.590	-3.27%	
				660	45.10	42.42	6.31%	0.82	0.89	-6.98%													
				800	43.66	41.71	4.69%	0.87	0.90	-2.93%													
SAR 26	7/5/2025	Head	835	835	43.77	41.50	5.47%	0.88	0.90	-1.84%	7/5/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.492	9.817	9.690	1.31%	0.329	6.564	6.330	3.70%	
				805	43.70	41.68	4.85%	0.87	0.90	-2.78%													
				850	43.72	41.50	5.35%	0.89	0.92	-2.86%													
SAR 26	7/5/2025	Head	1750	1750	42.06	40.08	4.93%	1.33	1.37	-3.14%	7/5/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.850	36.912	36.600	0.85%	1.030	20.551	19.300	6.48%	
				1695	42.18	40.17	5.01%	1.30	1.34	-3.21%													
				1780	41.99	40.04	4.87%	1.34	1.39	-3.10%													
SAR 26	7/5/2025	Head	1900	1900	41.83	40.00	4.58%	1.41	1.40	0.93%	7/5/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.980	39.506	39.400	0.27%	1.070	21.349	20.600	3.64%	
				1850	41.89	40.00	4.73%	1.38	1.40	-1.21%													
				1920	41.80	40.00	4.50%	1.43	1.40	1.86%													
SAR 26	7/9/2025	Head	750	750	44.75	41.96	6.65%	0.86	0.89	-3.55%	7/9/2025	D750V3 SN: 1019	4/13/2026	17.0	0.414	8.260	8.510	-2.93%	0.280	5.587	5.590	-0.06%	
				660	43.24	42.42	1.93%	0.83	0.89	-6.60%													
				800	44.39	41.71	6.44%	0.88	0.90	-2.12%													
SAR 26	7/9/2025	Head	835	835	42.56	41.50	2.55%	0.88	0.90	-2.69%	7/9/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.473	9.438	9.690	-2.60%	0.317	6.325	6.330	-0.08%	
				805	42.91	41.68	2.95%	0.87	0.90	-3.48%													
				850	42.54	41.50	2.51%	0.88	0.92	-3.77%													
SAR 26	7/9/2025	Head	1750	1750	40.36	40.08	0.69%	1.29	1.37	-5.91%	7/9/2025	D1750V2 SN: 1053	10/13/2025	17.0	1.750	34.917	36.600	-4.60%	0.975	19.454	19.300	0.80%	
				1695	40.46	40.17	0.72%	1.26	1.34	-5.68%													
				1780	40.36	40.04	0.80%	1.31	1.39	-5.84%													
SAR 26	7/9/2025	Head	1900	1900	40.16	40.00	0.40%	1.38	1.40	-1.50%	7/9/2025	D1900V2 SN: 5d140	4/14/2026	17.0	1.990	39.706	39.400	0.78%	1.070	21.349	20.600	3.64%	
				1850	40.26	40.00	0.65%	1.35	1.40	-3.79%													
				1920	40.12	40.00	0.30%	1.39	1.40	-0.86%													
SAR 26	7/11/2025	Head	750	750	40.07	41.96	-4.51%	0.86	0.89	-3.37%	7/11/2025	D750V3 SN: 1019	4/13/2026	17.0	0.395	7.881	8.510	-7.39%	0.266	5.307	5.590	-5.06%	
				660	41.87	42.42	-1.30%	0.83	0.89	-5.82%													
				800	39.97	41.71	-4.16%	0.88	0.90	-1.56%													
SAR 26	7/11/2025	Head	835	835	40.19	41.50	-3.16%	0.89	0.90	-0.79%	7/11/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.482	9.617	9.690	-0.75%	0.323	6.445	6.330	1.81%	
				805	40.03	41.68	-3.96%	0.88	0.90	-1.44%													
				850	40.15	41.50	-3.25%	0.90	0.92	-1.90%													
SAR 26	7/15/2025	Head	750	750	42.32	41.96	0.85%	0.84	0.89	-5.82%	7/15/2025	D750V3 SN: 1019	4/13/2026	17.0	0.412	8.220	8.510	-3.40%	0.281	5.607	5.590	0.30%	
				660	42.47	42.42	0.11%	0.81	0.89	-8.12%													
				800	42.05	41.71	0.83%	0.86	0.90	-3.76%													
SAR 26	7/15/2025	Head	835	835	39.59	41.50	-4.60%	0.88	0.90	-2.41%	7/15/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.476	9.497	9.690	-1.99%	0.324	6.465	6.330	2.13%	
				805	39.75	41.68	-4.63%	0.86	0.90	-3.76%													
				850	39.52	41.50	-4.77%	0.89	0.92	-3.28%													
SAR 26	7/19/2025	Head	750	750	42.54	41.96	1.38%	0.85	0.89	-4.99%	7/19/2025	D750V3 SN: 1019	4/13/2026	17.0	0.409	8.161	8.510	-4.11%	0.278	5.547	5.590	-0.77%	
				660	43.82	42.42	3.29%	0.81	0.89	-8.49%													
				800	42.44	41.71	1.76%	0.86	0.90	-3.87%													
SAR 26	7/19/2025	Head	835	835	42.51	41.50	2.43%	0.88	0.90	-2.67%	7/19/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.470	9.378	9.690	-3.22%	0.318	6.345	6.330	0.24%	
				805	42.47	41.68	1.90%	0.86	0.90	-3.75%													
				850	42.47	41.50	2.34%	0.88	0.92	-3.54%													
SAR 26	7/23/2025	Head	750	750	43.40	41.96	3.43%	0.86	0.89	-3.58%	7/23/2025	D750V3 SN: 1019	4/13/2026	17.0	0.406	8.101	8.510	-4.81%	0.278	5.547	5.590	-0.77%	
				660	44.16	42.42	4.09%	0.83	0.89	-6.11%													
				800	43.32	41.71	3.87%	0.88	0.90	-2.30%													
SAR 26	7/23/2025	Head	835	835	43.34	41.50	4.43%	0.89	0.90	-1.01%	7/23/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.466	9.298	9.690	-4.05%	0.318	6.345	6.330	0.24%	
				805	43.33	41.68	3.96%	0.88	0.90	-2.13%													
				850	43.28	41.50	4.29%	0.90	0.92	-1.99%													
SAR 26	7/27/2025	Head	835	835	43.27	41.50	4.27%	0.88	0.90	-2.22%	7/27/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.493	9.837	9.690	1.51%	0.338	6.744	6.330	6.54%	
				805	43.33	41.50	4.41%	0.89	0.92	-3.06%													
				750	43.54	41.96	3.76%	0.85	0.89	-4.82%													
SAR 26	7/27/2025	Head	750	660	44.07	42.42	3.88%	0.82	0.89	-7.47%	7/27/2025	D750V3 SN: 1019	4/13/2026	17.0	0.391	7.801	8.510	-8.33%	0.270	5.387	5.590	-3.63%	133
				800	43.10	41.71	3.34%	0.86	0.90	-4.12%													
				750	40.13	41.96	-4.36%	0.84	0.89	-5.93%													
SAR 26	7/30/2025	Head	750	660	40.97	42.42	-3.43%	0.81	0.89	-8.12%	7/30/2025	D750V3 SN: 1019	4/13/2026	17.0	0.397	7.921	8.510	-6.92%	0.275	5.487	5.590	-1.84%	
				800	39.83	41.71	-4.50%	0.86	0.90	-4.47%													
				835	41.46	41.50	-0.10%	0.88	0.90	-2.11%													
SAR 26	7/30/2025	Head	835	805	41.40	41.68	-0.67%	0.87	0.90	-2.93%	7/30/2025	D835V2 SN: 4d002	11/7/2025	17.0	0.481	9.597	9.690	-0.96%	0.334	6.664	6.330	5.28%	
				850	41.50	41.50	0.00%	0.89	0.92	-3.06%													
				750	40.76	41.96	-2.86%	0.84	0.89	-6.36%													
SAR 26	8/4/2025	Head	750	660	43.60	42.42	2.77%	0.81	0.89	-8.49%	8/4/2025	D750V3 SN: 1019	4/13/2026	17.0	0.403	8.041	8.510	-5.51%	0.283	5.647	5.590	1.01%	
				800	40.69	41.71	-2.43%	0.85	0.90	-4.92%													

Liquid Check										System Check													
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	
SAR 26	8/4/2025	Head	835	835	45.16	41.50	8.82%	0.89	0.90	-1.57%	8/4/2055	D835V2 SN: 4d002	11/7/2025	17.0	0.493	9.837	9.690	1.51%	0.345	6.884	6.330	8.75%	
				805	45.02	41.68	8.01%	0.88	0.90	-2.12%													
				850	45.15	41.50	8.80%	0.89	0.92	-2.80%													

8.2. PD System Validations & System Check

Per Nov 2017, TCB Workshop

System validation is required before a system is deployed for measurement.

System check is also required before each series of continuous measurement and, as applicable, repeated at least weekly.

Peak and spatially averaged power density at the peak location(s) must be compared to calibrated results according to the defined test conditions.

- the same spatial resolution and measurement region used in the waveguide calibration should be applied to system validation and system check.
- 1 cm² and 4 cm² spatial averaging have been recommended in the AHG10 draft TR with reference targets available for specific waveguide.
- power density distribution should also be verified, both spatially (shape) and numerically (level) through visual inspection for noticeable differences.
- the measured results should be within 16% (0.66 dB) of the calibrated targets.

The system components, software settings and other system parameters shall be the same as those used for the compliance tests. The system check shall be performed at closest probe calibration frequency point as in the compliance tests, e.g., if the EUT operates at 35 GHz, it is recommended to perform the validation at 30 GHz.

System Validations

SAR Lab	Test Date	5G Verification Source	Source Cal. Due Date	Averaging Type	Input Power System Cart (dBm)	Input Power Source Cal. (dBm)	Meas. 4 cm ² psPDn+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDn+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDot+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDot+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDmod+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDmod+ (W/m ²)	Deviation (dB)
22	4/16/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	28.7	57.3	56.4	0.07	29.3	58.5	56.7	0.13	29.5	58.9	56.9	0.15
22	4/16/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	29.1	58.1	56.4	0.13	29.5	58.9	56.7	0.16	29.7	59.3	56.9	0.18
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	27.9	55.7	56.4	-0.06	28.1	56.1	56.7	-0.05	28.3	56.5	56.9	-0.03
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	27.8	55.5	56.4	-0.07	28.4	56.7	56.7	0.00	28.5	56.9	56.9	0.00
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	27.5	54.9	56.4	-0.12	27.6	55.1	56.7	-0.13	27.7	55.3	56.9	-0.13
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	27.6	55.1	56.4	-0.10	27.8	55.5	56.7	-0.10	28.0	55.9	56.9	-0.08
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	28.1	56.1	56.4	-0.03	28.3	56.5	56.7	-0.02	28.4	56.7	56.9	-0.02
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	27.8	55.5	56.4	-0.07	28.4	56.7	56.7	0.00	28.5	56.9	56.9	0.00
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	27.7	55.3	56.4	-0.09	27.8	55.5	56.7	-0.10	28.0	55.9	56.9	-0.08
22	4/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.0	20.0	27.3	54.5	56.4	-0.15	27.6	55.1	56.7	-0.13	27.7	55.3	56.9	-0.13
Average							28.0	55.8	56.4	-0.05	28.3	56.4	56.7	-0.02	28.4	56.7	56.9	-0.01
SAR Lab	Test Date	5G Verification Source	Source Cal. Due Date	Averaging Type	Input Power System Cart (dBm)	Input Power Source Cal. (dBm)	Meas. 4 cm ² psPDn+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDn+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDot+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDot+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDmod+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDmod+ (W/m ²)	Deviation (dB)
23	4/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	34.9	55.3	56.4	-0.08	35.2	55.8	56.7	-0.07	35.4	56.1	56.9	-0.06
23	4/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	36.1	57.2	56.4	0.06	36.3	57.5	56.7	0.06	36.5	57.8	56.9	0.07
23	4/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	34.2	54.2	56.4	-0.17	35.1	55.6	56.7	-0.08	35.3	55.9	56.9	-0.07
23	4/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	35.7	56.6	56.4	0.01	36.1	57.2	56.7	0.04	36.2	57.4	56.9	0.04
23	4/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	35.7	56.6	56.4	0.01	35.8	56.7	56.7	0.00	36.0	57.1	56.9	0.01
23	4/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	35.8	56.7	56.4	0.03	36.4	57.7	56.7	0.08	36.7	58.2	56.9	0.10
23	4/23/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	35.3	55.9	56.4	-0.04	35.7	56.6	56.7	-0.01	35.9	56.9	56.9	0.00
23	4/23/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	37.4	59.3	56.4	0.22	37.5	59.4	56.7	0.20	37.7	59.8	56.9	0.21
23	4/23/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	36.6	58.0	56.4	0.12	36.9	58.5	56.7	0.13	37.1	58.8	56.9	0.14
23	4/23/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	18.0	20.0	36.8	58.3	56.4	0.15	37.0	58.6	56.7	0.15	37.2	59.0	56.9	0.15
Average							35.9	56.8	56.4	0.03	36.2	57.4	56.7	0.05	36.4	57.7	56.9	0.06
SAR Lab	Test Date	5G Verification Source	Source Cal. Due Date	Averaging Type	Input Power System Cart (dBm)	Input Power Source Cal. (dBm)	Meas. 4 cm ² psPDn+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDn+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDot+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDot+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDmod+ (W/m ²)	Normalized to 20 dBm (W/m ²)	Target 4 cm ² psPDmod+ (W/m ²)	Deviation (dB)
25	5/13/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	44.1	55.5	56.4	-0.07	44.4	55.9	56.7	-0.06	44.7	56.3	56.9	-0.05
25	5/13/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	43.8	55.1	56.4	-0.10	44.6	56.1	56.7	-0.04	44.9	56.5	56.9	-0.03
25	5/13/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	44.2	55.6	56.4	-0.06	44.5	56.0	56.7	-0.05	44.7	56.3	56.9	-0.05
25	5/13/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	42.0	52.9	56.4	-0.28	42.3	53.3	56.7	-0.27	42.6	53.6	56.9	-0.26
25	5/13/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	41.3	52.0	56.4	-0.35	41.5	52.2	56.7	-0.36	41.7	52.5	56.9	-0.35
25	5/13/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	43.1	54.3	56.4	-0.17	43.3	54.5	56.7	-0.17	43.6	54.9	56.9	-0.16
25	5/14/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	48.4	60.9	56.4	0.34	49.9	62.8	56.7	0.45	50.3	63.3	56.9	0.46
25	5/15/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	46.6	58.7	56.4	0.17	47.4	59.7	56.7	0.22	47.8	60.2	56.9	0.24
25	5/16/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	46.9	59.0	56.4	0.20	47.6	59.9	56.7	0.24	47.9	60.3	56.9	0.25
25	5/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.0	20.0	45.7	57.5	56.4	0.09	47.7	60.1	56.7	0.25	47.9	60.3	56.9	0.25
Average							44.6	56.2	56.4	-0.02	45.3	57.1	56.7	0.03	45.6	57.4	56.9	0.04

System Check

SAR Lab	Date	5G Verification Source	Source Cal. Due Date	Averaging Type	Input Power (dBm)	Prad (mW)	Ohmic & Mismatch Loss (dB)	Meas. 4 cm ² psPDn+ (W/m ²)	Normalized to 20 dBm (W/m)	Target 4 cm ² psPDn+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDtot+ (W/m ²)	Normalized to 20 dBm (W/m)	Target 4 cm ² psPDtot+ (W/m ²)	Deviation (dB)	Plot
SAR Lab 22	5/24/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	56.2	56.2	55.8	0.03	56.4	56.4	56.4	0.00	
SAR Lab 22	5/28/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	57.9	57.9	55.8	0.16	58.1	58.1	56.4	0.13	
SAR Lab 22	6/1/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	53.9	53.9	55.8	-0.15	54.1	54.1	56.4	-0.18	
SAR Lab 22	6/5/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	56.2	56.2	55.8	0.03	56.4	56.4	56.4	0.00	
SAR Lab 22	6/10/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	56.2	56.2	55.8	0.03	56.4	56.4	56.4	0.00	
SAR Lab 22	6/14/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	47.5	59.8	55.8	0.30	47.9	60.3	56.4	0.29	
SAR Lab 22	6/18/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	42.3	53.3	55.8	-0.20	42.8	53.9	56.4	-0.20	
SAR Lab 22	6/21/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	62.2	62.2	55.8	0.47	63.4	63.4	56.4	0.51	
SAR Lab 22	6/26/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	45.3	57.0	55.8	0.09	45.8	57.7	56.4	0.10	
SAR Lab 22	6/30/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	40.8	51.4	55.8	-0.36	41.0	51.6	56.4	-0.38	
SAR Lab 22	7/4/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	39.2	49.3	55.8	-0.53	39.3	49.5	56.4	-0.57	134
SAR Lab 22	7/8/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	45.2	56.9	55.8	0.09	45.4	57.2	56.4	0.06	
SAR Lab 22	7/12/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	46.7	58.8	55.8	0.23	46.9	59.0	56.4	0.20	
SAR Lab 22	7/16/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	46.6	58.7	55.8	0.22	46.9	59.0	56.4	0.20	
SAR Lab 22	7/20/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	44.4	55.9	55.8	0.01	44.6	56.1	56.4	-0.02	
SAR Lab 22	7/24/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	40.3	50.7	55.8	-0.41	40.7	51.2	56.4	-0.42	
SAR Lab 22	7/27/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	52.4	52.4	55.8	-0.27	52.9	52.9	56.4	-0.28	
SAR Lab	Date	5G Verification Source	Source Cal. Due Date	Averaging Type	Input Power (dBm)	Prad (mW)	Ohmic & Mismatch Loss (dB)	Meas. 4 cm ² psPDn+ (W/m ²)	Normalized to 20 dBm (W/m)	Target 4 cm ² psPDn+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDtot+ (W/m ²)	Normalized to 20 dBm (W/m)	Target 4 cm ² psPDtot+ (W/m ²)	Deviation (dB)	Plot
SAR Lab 23	5/24/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	52.4	52.4	56.8	-0.35	53.4	53.4	57.4	-0.31	
SAR Lab 23	5/28/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	52.9	52.9	56.8	-0.31	53.9	53.9	57.4	-0.27	
SAR Lab 23	6/1/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	53.4	53.4	56.8	-0.27	53.6	53.6	57.4	-0.30	
SAR Lab 23	6/5/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	53.7	53.7	56.8	-0.24	54.8	54.8	57.4	-0.20	
SAR Lab 23	6/10/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	56.5	56.5	56.8	-0.02	56.7	56.7	57.4	-0.05	
SAR Lab 23	6/14/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	47.8	60.2	56.8	0.25	48.0	60.4	57.4	0.22	
SAR Lab 23	6/18/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	46.8	58.9	56.8	0.16	47.3	59.5	57.4	0.16	
SAR Lab 23	6/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	61.6	61.6	56.8	0.35	61.9	61.9	57.4	0.33	
SAR Lab 23	6/26/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	39.7	50.0	56.8	-0.56	41.6	52.4	57.4	-0.40	135
SAR Lab 23	6/30/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	48.2	60.7	56.8	0.29	48.6	61.2	57.4	0.28	
SAR Lab 23	7/7/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	47.8	60.2	56.8	0.25	48.5	61.1	57.4	0.27	
SAR Lab 23	7/11/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	48.8	61.4	56.8	0.34	48.9	61.6	57.4	0.30	
SAR Lab 23	7/15/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	43.4	54.6	56.8	-0.17	44.6	56.1	57.4	-0.10	
SAR Lab 23	7/19/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	54.5	54.5	56.8	-0.18	55.1	55.1	57.4	-0.18	
SAR Lab 23	7/23/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.50	93.30	0.30	51.3	57.6	56.8	0.06	52.3	58.7	57.4	0.10	
SAR Lab 23	7/27/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	59.3	59.3	56.8	0.19	60.1	60.1	57.4	0.20	
SAR Lab 25	8/5/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	57.8	57.8	56.2	0.12	58.3	58.3	57.1	0.09	
SAR Lab	Date	5G Verification Source	Source Cal. Due Date	Averaging Type	Input Power (dBm)	Prad (mW)	Ohmic & Mismatch Loss (dB)	Meas. 4 cm ² psPDn+ (W/m ²)	Normalized to 20 dBm (W/m)	Target 4 cm ² psPDn+ (W/m ²)	Deviation (dB)	Meas. 4 cm ² psPDtot+ (W/m ²)	Normalized to 20 dBm (W/m)	Target 4 cm ² psPDtot+ (W/m ²)	Deviation (dB)	Plot
SAR Lab 25	5/29/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	17.00	93.30	0.30	29.9	59.7	56.2	0.26	30.4	60.7	57.1	0.26	
SAR Lab 25	6/1/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	54.8	54.8	56.2	-0.11	55.1	55.1	57.1	-0.15	
SAR Lab 25	6/5/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	61.4	61.4	56.2	0.38	61.7	61.7	57.1	0.34	
SAR Lab 25	6/10/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	57.8	57.8	56.2	0.12	58.3	58.3	57.1	0.09	
SAR Lab 25	6/17/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	48.7	61.3	56.2	0.38	49.3	62.1	57.1	0.36	
SAR Lab 25	6/22/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	63.6	63.6	56.2	0.54	64.7	64.7	57.1	0.54	136
SAR Lab 25	7/1/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	45.3	57.0	56.2	0.06	45.5	57.3	57.1	0.01	
SAR Lab 25	7/4/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	40.8	51.4	56.2	-0.39	41.0	51.6	57.1	-0.44	
SAR Lab 25	7/11/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	48.0	60.4	56.2	0.32	48.4	60.9	57.1	0.28	
SAR Lab 25	7/15/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.00	93.30	0.30	43.7	55.0	56.2	-0.09	43.9	55.3	57.1	-0.14	
SAR Lab 25	7/19/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	55.0	55.0	56.2	-0.09	55.2	55.2	57.1	-0.15	
SAR Lab 25	7/23/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	19.50	93.30	0.30	53.8	60.4	56.2	0.31	54.4	61.0	57.1	0.29	
SAR Lab 25	7/27/2025	5G Verification Source 10 GHz SN: 1015	9/6/2025	Square	20.00	93.30	0.30	59.3	59.3	56.2	0.23	59.5	59.5	57.1	0.18	

9. Conducted Output Power Measurements

The test samples provided in this project are representative of the units that will be sold.

The device supports two power modes for both Mode A and Mode B. Mode A power is used when the device is used against the user's head. Mode B power is used when the device is used in a Body-worn/Hotspot/Extremity configuration by the user. Power was measured in accordance with the device's two power modes for standalone for each antenna. Power was not measured for simultaneous. However, measured power from standalone will be used for simultaneous in the calculation of reported SAR for simultaneous in §10.

Cellular static SAR assessment will be performed according to published FCC guidance at the cellular standalone power level. Conducted power measurements and SAR measurements will not be performed at the Power State 1 (PS1) power level. Reported SAR from the cellular PS1 assessment will be scaled down to the declared cellular Power State 2 (PS2) maximum output power. Algebraic simultaneous evaluation will be performed using the cellular simultaneous scaled results. Scaling will never be more than 2dBm.

Unlicensed static SAR assessment will be performed according to published FCC guidance at the unlicensed Power State 1 (PS1) and 3 (PS3) power levels. Conducted power measurements and SAR measurements will not be performed at the remaining Power State (PS) 2/4/5/6 power levels. Reported SAR from the unlicensed power state 1 (PS1) and 3 (PS3) assessment will be scaled down to the declared unlicensed maximum output power of power state (PS) 2 and 4/5/6, respectively. Scaling will never be more than 2dBm.

The selection between antennas in the application is based on RSSI based antenna selection. Refer to Sec. 7 and Sec. 10 for details of the testing. Test reductions have applied accordingly following the SAR KDB Procedure for the supported wireless technologies of the DUT. This is noted in detail for each technology in their respective Sections.

The Maximum Output Power already includes component uncertainty. Per KDB 447498 sec.4.1.(d), the maximum rated output power is within the tune-up tolerance range specified for the product, but not more than 2 dB lower than the maximum tune-up tolerance limit.

Additionally, two different powers are being displayed in this section:

- Target Output Power/ $P_{\text{Limit, nom}}$ = Power not including uncertainty
- Maximum Output Power/Max Power/ P_{Limit} = Target Output Power + uncertainty.

9.1. GSM

Per KDB 941225 D01 3G SAR Procedures:

SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

When different maximum output power applies to GSM voice or GPRS/EDGE time slots, GSM voice and GPRS/EDGE time slots should be tested separately to determine compliance by summing the corresponding reported SAR.

The GMSK EDGE configurations are grouped with GPRS and considered with respect to time-averaged maximum output power to determine compliance

Per October 2013 TCB Workshop:

When the maximum frame-averaged powers levels are within 0.25 dB of each other, test the configuration with the greatest number of time slots.

Maximum Output Power for GSM

SAR is not required for EDGE (8PSK) mode because the maximum output power is $\leq 1/4$ dB higher than GPRS/EDGE (GMSK) or the adjusted SAR of the highest reported SAR of GPRS/EDGE (GMSK) is ≤ 1.2 W/kg.

PS1

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GSM850	Voice/GPRS (1 slot)	33.0	33.0	32.5	32.5				
	GPRS 2 slots	32.0	32.0	31.5	31.5				
	EGPRS 1 slot	27.5	27.5	27.0	27.0				
	EGPRS 2 slots	26.5	26.5	26.0	26.0				
GSM1900	Voice/GPRS (1 slot)	32.0	31.3	29.5	29.5	31.5	31.4	27.3	29.0
	GPRS 2 slots	31.0	28.3	27.6	26.5	30.5	28.4	24.3	27.0
	EGPRS 1 slot	27.0	27.0	24.0	24.0	26.5	26.5	24.0	24.0
	EGPRS 2 slots	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0

PS2

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GSM850	Voice/GPRS (1 slot)	33.0	33.0	32.5	32.5				
	GPRS 2 slots	32.0	32.0	31.5	31.5				
	EGPRS 1 slot	27.5	27.5	27.0	27.0				
	EGPRS 2 slots	26.5	26.5	26.0	26.0				
GSM1900	Voice/GPRS (1 slot)	32.0	30.5	29.5	28.7	31.5	30.6	26.5	29.0
	GPRS 2 slots	31.0	27.5	26.8	25.7	30.5	27.6	23.5	26.2
	EGPRS 1 slot	27.0	27.0	24.0	24.0	26.5	26.5	24.0	24.0
	EGPRS 2 slots	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0

Notes:

The values listed for PS2 with a different color compared to PS1 are the transmission modes that have up to a 0.8 dBm decrease in power.

GSM850 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r
GPRS/EDGE (GMSK)	CS1	1	128	824.2	31.9	22.8	33.0	24.0	31.9	22.8	33.0	24.0
			190	836.6	31.9	22.9			31.9	22.9		
			251	848.8	31.9	22.9			31.9	22.9		
		2	128	824.2	31.6	25.6	32.0	26.0	31.6	25.6	32.0	26.0
			190	836.6	31.4	25.4			31.4	25.4		
			251	848.8	31.5	25.5			31.5	25.5		
EDGE (8PSK)	MCS5	1	128	824.2	26.6	17.6	27.5	18.5	26.6	17.6	27.5	18.5
			190	836.6	26.5	17.5			26.5	17.5		
			251	848.8	26.6	17.6			26.6	17.6		
		2	128	824.2	25.4	19.3	26.5	20.5	25.4	19.3	26.5	20.5
			190	836.6	25.3	19.3			25.3	19.3		
			251	848.8	25.5	19.4			25.5	19.4		

Notes:

Based on the Maximum Output Power, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM850 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r
GPRS/EDGE (GMSK)	CS1	1	128	824.2	31.4	22.4	32.5	23.5	31.4	22.4	32.5	23.5
			190	836.6	31.3	22.3			31.3	22.3		
			251	848.8	31.1	22.0			31.1	22.0		
		2	128	824.2	30.2	24.2	31.5	25.5	30.2	24.2	31.5	25.5
			190	836.6	30.3	24.3			30.3	24.3		
			251	848.8	30.2	24.2			30.2	24.2		
EDGE (8PSK)	MCS5	1	128	824.2	25.6	16.6	27.0	18.0	25.6	16.6	27.0	18.0
			190	836.6	25.5	16.4			25.5	16.4		
			251	848.8	25.4	16.4			25.4	16.4		
		2	128	824.2	24.5	18.4	26.0	20.0	24.5	18.4	26.0	20.0
			190	836.6	24.4	18.4			24.4	18.4		
			251	848.8	24.2	18.2			24.2	18.2		

Notes:

Based on the Maximum Output Power, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r	Burst Pw r	Frame Pw r
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	30.0	21.0	32.0	23.0	29.8	20.7	31.3	22.3
			661	1880.0	30.0	21.0			29.6	20.6		
			810	1909.8	30.0	21.0			29.6	20.6		
		2	512	1850.2	29.8	23.8	31.0	25.0	27.1	21.1	28.3	22.3
			661	1880.0	29.5	23.5			27.0	21.0		
			810	1909.8	29.7	23.7			27.0	21.0		
EDGE (8PSK)	MCS5	1	512	1850.2	25.1	16.1	27.0	18.0	25.1	16.1	27.0	18.0
			661	1880.0	25.0	16.0			25.0	16.0		
			810	1909.8	25.0	16.0			25.0	16.0		
		2	512	1850.2	24.1	18.1	26.0	20.0	24.1	18.1	26.0	20.0
			661	1880.0	24.0	18.0			24.0	18.0		
			810	1909.8	24.0	18.0			24.0	18.0		

Notes:

Based on the Maximum Output Power, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	27.8	18.7	29.5	20.5	27.8	18.7	29.5	20.5
			661	1880.0	27.8	18.8			27.8	18.8		
			810	1909.8	28.1	19.1			28.1	19.1		
		2	512	1850.2	26.4	20.4	27.6	21.6	24.8	18.8	26.5	20.5
			661	1880.0	26.0	20.0			24.6	18.6		
			810	1909.8	26.4	20.4			24.9	18.9		
EDGE (8PSK)	MCS5	1	512	1850.2	22.5	13.4	24.0	15.0	22.5	13.4	24.0	15.0
			661	1880.0	22.4	13.3			22.4	13.3		
			810	1909.8	22.6	13.6			22.6	13.6		
		2	512	1850.2	21.4	15.3	23.0	17.0	21.4	15.3	23.0	17.0
			661	1880.0	21.2	15.2			21.2	15.2		
			810	1909.8	21.3	15.3			21.3	15.3		

Notes:

Based on the Maximum Output Power, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT3)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	29.5	20.5	31.5	22.5	29.5	20.5	31.4	22.4
			661	1880.0	29.5	20.5			29.5	20.5		
			810	1909.8	29.5	20.5			29.5	20.5		
		2	512	1850.2	28.7	22.7	30.5	24.5	26.7	20.7	28.4	22.4
			661	1880.0	28.5	22.5			26.5	20.5		
			810	1909.8	28.6	22.6			26.6	20.6		
EDGE (8PSK)	MCS5	1	512	1850.2	24.8	15.8	26.5	17.5	24.8	15.8	26.5	17.5
			661	1880.0	24.5	15.5			24.5	15.5		
			810	1909.8	24.6	15.6			24.6	15.6		
		2	512	1850.2	23.5	17.5	25.5	19.5	23.5	17.5	25.5	19.5
			661	1880.0	23.5	17.5			23.5	17.5		
			810	1909.8	23.5	17.5			23.5	17.5		

Notes:

Based on the Maximum Output Power, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT4)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	26.0	17.0	27.3	18.3	27.7	18.7	29.0	20.0
			661	1880.0	26.0	17.0			27.8	18.8		
			810	1909.8	25.9	16.9			27.8	18.8		
		2	512	1850.2	22.7	16.7	24.3	18.3	25.6	19.6	27.0	21.0
			661	1880.0	22.8	16.8			25.7	19.7		
			810	1909.8	22.6	16.6			25.9	19.9		
EDGE (8PSK)	MCS5	1	512	1850.2	22.4	13.3	24.0	15.0	22.4	13.3	24.0	15.0
			661	1880.0	22.2	13.2			22.2	13.2		
			810	1909.8	22.5	13.4			22.5	13.4		
		2	512	1850.2	21.4	15.3	23.0	17.0	21.4	15.3	23.0	17.0
			661	1880.0	21.5	15.5			21.5	15.5		
			810	1909.8	21.5	15.5			21.5	15.5		

Notes:

Based on the Maximum Output Power, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

9.2. W-CDMA

Per KDB 941225 D01 3G SAR Procedures for W-CDMA:

Maximum output power is verified on the high, middle and low channels and using the appropriate 12.2 kbps RMC with TPC (transmit power control) set to all "1's"

Release 99 Setup Procedures used to establish the test signals

The following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS34.121-1. A summary of these settings is illustrated below:

Mode	Subtest	Rel99
WCDMA General Settings	Loopback Mode	Test Mode 2
	Rel99 RMC	12.2kbps RMC
	Power Control Algorithm	Algorithm2
	β_c/β_d	8/15

Maximum Output Power for W-CDMA

SAR measurement is not required for the HSDPA, HSUPA, and HSPA+. When primary mode and the adjusted SAR is ≤ 1.2 W/kg and secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode

PS1

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
W-CDMA Band 2	R99	25.7	22.3	21.2	20.5	25.5	22.4	18.3	20.7
	HSDPA	25.7	22.3	21.2	20.5	25.5	22.4	18.3	20.7
	HSUPA	25.7	22.3	21.2	20.5	25.5	22.4	18.3	20.7
	HSPA +	25.7	22.3	21.2	20.5	25.5	22.4	18.3	20.7
W-CDMA Band 4	R99	25.7	21.0	18.8	18.7	25.5	22.8	19.3	21.6
	HSDPA	25.7	21.0	18.8	18.7	25.5	22.8	19.3	21.6
	HSUPA	25.7	21.0	18.8	18.7	25.5	22.8	19.3	21.6
	HSPA +	25.7	21.0	18.8	18.7	25.5	22.8	19.3	21.6
W-CDMA Band 5	R99	25.7	25.7	25.2	25.2				
	HSDPA	25.7	25.7	25.2	25.2				
	HSUPA	25.7	25.7	25.2	25.2				
	HSPA +	25.7	25.7	25.2	25.2				

PS2

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
W-CDMA Band 2	R99	25.7	21.5	20.4	19.7	25.5	21.6	17.5	19.9
	HSDPA	25.7	21.5	20.4	19.7	25.5	21.6	17.5	19.9
	HSUPA	25.7	21.5	20.4	19.7	25.5	21.6	17.5	19.9
	HSPA +	25.7	21.5	20.4	19.7	25.5	21.6	17.5	19.9
W-CDMA Band 4	R99	25.7	20.2	18.0	17.9	25.5	22.0	18.5	20.8
	HSDPA	25.7	20.2	18.0	17.9	25.5	22.0	18.5	20.8
	HSUPA	25.7	20.2	18.0	17.9	25.5	22.0	18.5	20.8
	HSPA +	25.7	20.2	18.0	17.9	25.5	22.0	18.5	20.8
W-CDMA Band 5	R99	25.7	25.7	25.2	25.2				
	HSDPA	25.7	25.7	25.2	25.2				
	HSUPA	25.7	25.7	25.2	25.2				
	HSPA +	25.7	25.7	25.2	25.2				

Notes:

The values listed for PS2 with a different color compared to PS1 are the transmission modes that have up to a 0.8 dBm decrease in power.

W-CDMA Band 2 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	24.5	N/A	25.7	21.1	N/A	22.3
		9400	1880.0	24.3			20.9		
		9538	1907.6	24.2			20.9		
HSDPA	Subtest 1	9262	1852.4	24.0	0	25.7	21.3	0	22.3
		9400	1880.0	23.9			21.1		
		9538	1907.6	24.0			21.2		
	Subtest 2	9262	1852.4	23.7	0	25.7	21.2	0	22.3
		9400	1880.0	23.7			21.0		
		9538	1907.6	23.7			21.0		
	Subtest 3	9262	1852.4	23.6	0.5	25.2	20.7	0.5	21.8
		9400	1880.0	23.5			20.4		
		9538	1907.6	23.6			20.6		
	Subtest 4	9262	1852.4	23.6	0.5	25.2	20.6	0.5	21.8
		9400	1880.0	23.5			20.4		
		9538	1907.6	23.6			20.5		
HSPA+	Subtest 1	9262	1852.4	24.0	0	25.7	21.2	0	22.3
		9400	1880.0	24.0			20.9		
		9538	1907.6	24.0			21.0		
	Subtest 2	9262	1852.4	22.0	2	23.7	19.2	2	20.3
		9400	1880.0	21.8			18.9		
		9538	1907.6	22.1			18.9		
	Subtest 3	9262	1852.4	23.0	1	24.7	20.0	1	21.3
		9400	1880.0	23.0			19.9		
		9538	1907.6	23.0			20.0		
	Subtest 4	9262	1852.4	22.0	2	23.7	19.0	2	20.3
		9400	1880.0	22.0			18.8		
		9538	1907.6	22.0			19.0		
	Subtest 5	9262	1852.4	24.1	0	25.7	21.3	0	22.3
		9400	1880.0	24.0			20.9		
		9538	1907.6	24.1			21.1		
HSPA+	Subtest 1	9262	1852.4	23.0	2.5	23.2	19.8	2.5	19.8
		9400	1880.0	22.7			19.8		
		9538	1907.6	23.0			19.8		

W-CDMA Band 2 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	20.1	N/A	21.2	19.1	N/A	20.5
		9400	1880.0	20.2			19.1		
		9538	1907.6	20.3			19.2		
HSDPA	Subtest 1	9262	1852.4	20.2	0	21.2	19.0	0	20.5
		9400	1880.0	20.2			19.0		
		9538	1907.6	20.3			19.2		
	Subtest 2	9262	1852.4	20.1	0	21.2	19.0	0	20.5
		9400	1880.0	20.2			19.0		
		9538	1907.6	20.3			19.1		
	Subtest 3	9262	1852.4	19.6	0.5	20.7	18.6	0.5	20.0
		9400	1880.0	19.7			18.5		
		9538	1907.6	19.8			18.7		
	Subtest 4	9262	1852.4	19.6	0.5	20.7	18.5	0.5	20.0
		9400	1880.0	19.6			18.6		
		9538	1907.6	19.8			18.7		
HSUPA	Subtest 1	9262	1852.4	20.1	0	21.2	19.0	0	20.5
		9400	1880.0	20.1			19.0		
		9538	1907.6	20.3			19.2		
	Subtest 2	9262	1852.4	18.1	2	19.2	17.0	2	18.5
		9400	1880.0	18.1			17.0		
		9538	1907.6	18.3			17.1		
	Subtest 3	9262	1852.4	19.1	1	20.2	18.0	1	19.5
		9400	1880.0	19.1			18.0		
		9538	1907.6	19.3			18.2		
	Subtest 4	9262	1852.4	18.1	2	19.2	17.0	2	18.5
		9400	1880.0	18.1			17.1		
		9538	1907.6	18.2			17.1		
	Subtest 5	9262	1852.4	20.1	0	21.2	19.0	0	20.5
		9400	1880.0	20.2			19.1		
		9538	1907.6	20.3			19.2		
HSPA+	Subtest 1	9262	1852.4	18.7	2.5	18.7	17.6	2.5	18.0
		9400	1880.0	18.6			17.5		
		9538	1907.6	18.7			17.6		

W-CDMA Band 2 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	24.0	N/A	25.5	20.9	N/A	22.4
		9400	1880.0	23.9			20.7		
		9538	1907.6	24.0			20.8		
HSDPA	Subtest 1	9262	1852.4	23.8	0	25.5	20.7	0	22.4
		9400	1880.0	23.6			20.5		
		9538	1907.6	23.8			20.8		
	Subtest 2	9262	1852.4	23.8	0	25.5	20.7	0	22.4
		9400	1880.0	23.6			20.6		
		9538	1907.6	23.9			20.7		
	Subtest 3	9262	1852.4	23.8	0.5	25.0	20.8	0.5	21.9
		9400	1880.0	23.6			20.6		
		9538	1907.6	23.8			20.8		
	Subtest 4	9262	1852.4	23.9	0.5	25.0	20.8	0.5	21.9
		9400	1880.0	23.6			20.5		
		9538	1907.6	23.9			20.7		
HSUPA	Subtest 1	9262	1852.4	24.0	0	25.5	20.7	0	22.4
		9400	1880.0	23.6			20.6		
		9538	1907.6	23.9			20.8		
	Subtest 2	9262	1852.4	21.9	2	23.5	18.7	2	20.4
		9400	1880.0	21.7			18.6		
		9538	1907.6	21.9			18.8		
	Subtest 3	9262	1852.4	22.8	1	24.5	19.8	1	21.4
		9400	1880.0	22.6			19.5		
		9538	1907.6	22.9			19.8		
	Subtest 4	9262	1852.4	21.9	2	23.5	18.7	2	20.4
		9400	1880.0	21.6			18.5		
		9538	1907.6	21.8			18.8		
	Subtest 5	9262	1852.4	24.1	0	25.5	20.9	0	22.4
		9400	1880.0	23.9			20.8		
		9538	1907.6	24.2			21.0		
HSPA+	Subtest 1	9262	1852.4	22.3	2.5	23.0	19.2	2.5	19.9
		9400	1880.0	22.5			19.5		
		9538	1907.6	22.3			19.3		

W-CDMA Band 2 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	16.8	N/A	18.3	19.6	N/A	20.7
		9400	1880.0	16.8			19.6		
		9538	1907.6	17.0			19.8		
HSDPA	Subtest 1	9262	1852.4	16.6	0	18.3	19.1	0	20.7
		9400	1880.0	16.7			19.2		
		9538	1907.6	17.0			19.3		
	Subtest 2	9262	1852.4	16.6	0	18.3	19.2	0	20.7
		9400	1880.0	16.7			19.1		
		9538	1907.6	17.1			19.1		
	Subtest 3	9262	1852.4	16.1	0.5	17.8	18.6	0.5	20.2
		9400	1880.0	16.1			18.5		
		9538	1907.6	16.5			18.9		
	Subtest 4	9262	1852.4	16.0	0.5	17.8	19.0	0.5	20.2
		9400	1880.0	16.2			19.0		
		9538	1907.6	16.5			19.3		
HSPA+	Subtest 1	9262	1852.4	16.6	0	18.3	19.4	0	20.7
		9400	1880.0	16.7			19.7		
		9538	1907.6	17.1			19.8		
	Subtest 2	9262	1852.4	15.0	2	16.3	17.4	2	18.7
		9400	1880.0	14.7			17.5		
		9538	1907.6	15.0			17.8		
	Subtest 3	9262	1852.4	15.6	1	17.3	18.4	1	19.7
		9400	1880.0	15.7			18.5		
		9538	1907.6	16.0			18.7		
	Subtest 4	9262	1852.4	14.6	2	16.3	17.4	2	18.7
		9400	1880.0	14.8			17.6		
		9538	1907.6	15.0			17.8		
	Subtest 5	9262	1852.4	16.3	0	18.3	19.0	0	20.7
		9400	1880.0	16.3			18.9		
		9538	1907.6	16.3			19.3		
HSPA+	Subtest 1	9262	1852.4	15.2	2.5	15.8	18.1	2.5	18.2
		9400	1880.0	15.2			18.1		
		9538	1907.6	15.2			18.1		

W-CDMA Band 4 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	24.4	N/A	25.7	20.2	N/A	21.0
		1413	1732.6	24.5			20.1		
		1513	1752.6	24.5			20.0		
HSDPA	Subtest 1	1312	1712.4	24.1	0	25.7	19.1	0	21.0
		1413	1732.6	24.1			19.1		
		1513	1752.6	23.9			19.1		
	Subtest 2	1312	1712.4	24.1	0	25.7	19.1	0	21.0
		1413	1732.6	24.1			19.1		
		1513	1752.6	24.1			19.0		
	Subtest 3	1312	1712.4	23.7	0.5	25.2	18.6	0.5	20.5
		1413	1732.6	23.7			18.5		
		1513	1752.6	23.7			18.5		
	Subtest 4	1312	1712.4	23.7	0.5	25.2	18.6	0.5	20.5
		1413	1732.6	23.6			18.5		
		1513	1752.6	23.7			18.5		
HSUPA	Subtest 1	1312	1712.4	24.0	0	25.7	19.1	0	21.0
		1413	1732.6	24.0			19.1		
		1513	1752.6	24.1			19.0		
	Subtest 2	1312	1712.4	22.0	2	23.7	17.2	2	19.0
		1413	1732.6	22.0			17.1		
		1513	1752.6	22.0			17.0		
	Subtest 3	1312	1712.4	23.0	1	24.7	18.1	1	20.0
		1413	1732.6	23.0			18.0		
		1513	1752.6	23.0			18.0		
	Subtest 4	1312	1712.4	22.0	2	23.7	17.1	2	19.0
		1413	1732.6	22.0			17.1		
		1513	1752.6	22.0			17.1		
	Subtest 5	1312	1712.4	24.0	0	25.7	19.1	0	21.0
		1413	1732.6	24.0			19.1		
		1513	1752.6	24.0			19.1		
HSPA+	Subtest 1	1312	1712.4	23.0	2.5	23.2	18.5	2.5	18.5
		1413	1732.6	23.0			18.5		
		1513	1752.6	23.1			18.5		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	17.5	N/A	18.8	17.2	N/A	18.7
		1413	1732.6	17.5			17.2		
		1513	1752.6	17.6			17.2		
HSDPA	Subtest 1	1312	1712.4	17.6	0	18.8	17.2	0	18.7
		1413	1732.6	17.5			17.1		
		1513	1752.6	17.5			17.2		
	Subtest 2	1312	1712.4	17.6	0	18.8	17.3	0	18.7
		1413	1732.6	17.5			17.1		
		1513	1752.6	17.5			17.1		
	Subtest 3	1312	1712.4	17.1	0.5	18.3	16.7	0.5	18.2
		1413	1732.6	17.0			16.6		
		1513	1752.6	17.0			16.7		
	Subtest 4	1312	1712.4	17.1	0.5	18.3	16.8	0.5	18.2
		1413	1732.6	17.0			16.7		
		1513	1752.6	16.9			16.7		
HSUPA	Subtest 1	1312	1712.4	17.5	0	18.8	17.2	0	18.7
		1413	1732.6	17.4			17.1		
		1513	1752.6	17.4			17.1		
	Subtest 2	1312	1712.4	15.5	2	16.8	15.3	2	16.7
		1413	1732.6	15.6			15.2		
		1513	1752.6	15.4			15.2		
	Subtest 3	1312	1712.4	16.6	1	17.8	16.3	1	17.7
		1413	1732.6	16.5			16.1		
		1513	1752.6	16.4			16.1		
	Subtest 4	1312	1712.4	15.6	2	16.8	15.2	2	16.7
		1413	1732.6	15.5			15.1		
		1513	1752.6	15.4			15.2		
	Subtest 5	1312	1712.4	17.6	0	18.8	17.3	0	18.7
		1413	1732.6	17.5			17.2		
		1513	1752.6	17.5			17.2		
HSPA+	Subtest 1	1312	1712.4	16.2	2.5	16.3	15.8	2.5	16.2
		1413	1732.6	16.0			15.7		
		1513	1752.6	16.0			15.7		

W-CDMA Band 4 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	24.3	N/A	25.5	21.5	N/A	22.8
		1413	1732.6	24.2			21.4		
		1513	1752.6	24.3			21.5		
HSDPA	Subtest 1	1312	1712.4	23.9	0	25.5	21.3	0	22.8
		1413	1732.6	24.0			21.3		
		1513	1752.6	23.9			21.1		
	Subtest 2	1312	1712.4	24.0	0	25.5	21.2	0	22.8
		1413	1732.6	24.1			21.4		
		1513	1752.6	23.8			21.1		
	Subtest 3	1312	1712.4	23.9	0.5	25.0	21.2	0.5	22.3
		1413	1732.6	24.0			21.3		
		1513	1752.6	23.8			21.1		
	Subtest 4	1312	1712.4	23.9	0.5	25.0	21.2	0.5	22.3
		1413	1732.6	24.0			21.4		
		1513	1752.6	23.8			21.1		
HSUPA	Subtest 1	1312	1712.4	24.0	0	25.5	21.2	0	22.8
		1413	1732.6	24.1			21.4		
		1513	1752.6	24.1			21.2		
	Subtest 2	1312	1712.4	22.0	2	23.5	19.3	2	20.8
		1413	1732.6	22.1			19.5		
		1513	1752.6	21.9			19.2		
	Subtest 3	1312	1712.4	23.0	1	24.5	20.1	1	21.8
		1413	1732.6	23.2			20.3		
		1513	1752.6	23.0			20.0		
	Subtest 4	1312	1712.4	22.1	2	23.5	19.2	2	20.8
		1413	1732.6	22.2			19.4		
		1513	1752.6	22.0			19.1		
	Subtest 5	1312	1712.4	24.4	0	25.5	21.4	0	22.8
		1413	1732.6	24.4			21.4		
		1513	1752.6	24.4			21.2		
HSPA+	Subtest 1	1312	1712.4	22.4	2.5	23.0	20.2	2.5	20.3
		1413	1732.6	22.6			20.3		
		1513	1752.6	22.3			20.1		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	17.7	N/A	19.3	20.0	N/A	21.6
		1413	1732.6	17.7			20.0		
		1513	1752.6	17.6			19.9		
HSDPA	Subtest 1	1312	1712.4	17.7	0	19.3	20.1	0	21.6
		1413	1732.6	17.8			20.1		
		1513	1752.6	17.3			19.6		
	Subtest 2	1312	1712.4	17.8	0	19.3	20.0	0	21.6
		1413	1732.6	17.9			20.1		
		1513	1752.6	17.3			19.6		
	Subtest 3	1312	1712.4	17.2	0.5	18.8	19.5	0.5	21.1
		1413	1732.6	17.3			19.6		
		1513	1752.6	16.8			19.5		
	Subtest 4	1312	1712.4	16.8	0.5	18.8	19.4	0.5	21.1
		1413	1732.6	17.2			19.5		
		1513	1752.6	16.9			19.1		
HSUPA	Subtest 1	1312	1712.4	17.6	0	19.3	20.0	0	21.6
		1413	1732.6	17.5			20.0		
		1513	1752.6	17.4			19.9		
	Subtest 2	1312	1712.4	15.7	2	17.3	18.1	2	19.6
		1413	1732.6	15.4			18.0		
		1513	1752.6	15.5			17.9		
	Subtest 3	1312	1712.4	16.8	1	18.3	19.0	1	20.6
		1413	1732.6	16.5			18.7		
		1513	1752.6	16.4			18.8		
	Subtest 4	1312	1712.4	15.8	2	17.3	18.1	2	19.6
		1413	1732.6	15.5			17.8		
		1513	1752.6	15.4			17.7		
	Subtest 5	1312	1712.4	17.8	0	19.3	20.1	0	21.6
		1413	1732.6	17.6			19.7		
		1513	1752.6	17.4			19.6		
HSPA+	Subtest 1	1312	1712.4	16.2	2.5	16.8	17.3	2.5	19.1
		1413	1732.6	16.2			17.3		
		1513	1752.6	16.2			17.3		

W-CDMA Band 5 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	24.2	N/A	25.7	24.2	N/A	25.7
		4183	836.6	24.2			24.2		
		4233	846.6	24.3			24.3		
HSDPA	Subtest 1	4132	826.4	24.2	0	25.7	24.2	0	25.7
		4183	836.6	24.1			24.1		
		4233	846.6	24.2			24.2		
	Subtest 2	4132	826.4	24.2	0	25.7	24.2	0	25.7
		4183	836.6	24.3			24.3		
		4233	846.6	24.2			24.2		
	Subtest 3	4132	826.4	23.2	0.5	25.2	23.2	0.5	25.2
		4183	836.6	23.2			23.2		
		4233	846.6	23.2			23.2		
	Subtest 4	4132	826.4	23.2	0.5	25.2	23.2	0.5	25.2
		4183	836.6	23.2			23.2		
		4233	846.6	23.3			23.3		
HSUPA	Subtest 1	4132	826.4	24.2	0	25.7	24.2	0	25.7
		4183	836.6	24.3			24.3		
		4233	846.6	24.2			24.2		
	Subtest 2	4132	826.4	22.2	2	23.7	22.2	2	23.7
		4183	836.6	22.3			22.3		
		4233	846.6	22.3			22.3		
	Subtest 3	4132	826.4	23.2	1	24.7	23.2	1	24.7
		4183	836.6	23.3			23.3		
		4233	846.6	23.3			23.3		
	Subtest 4	4132	826.4	22.2	2	23.7	22.2	2	23.7
		4183	836.6	22.3			22.3		
		4233	846.6	22.2			22.2		
	Subtest 5	4132	826.4	24.3	0	25.7	24.3	0	25.7
		4183	836.6	24.3			24.3		
		4233	846.6	24.4			24.4		
HSPA+	Subtest 1	4132	826.4	22.8	2.5	23.2	22.8	2.5	23.2
		4183	836.6	22.8			22.8		
		4233	846.6	22.7			22.7		

W-CDMA Band 5 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	23.7	N/A	25.2	23.7	N/A	25.2
		4183	836.6	23.8			23.8		
		4233	846.6	23.7			23.7		
HSDPA	Subtest 1	4132	826.4	23.9	0	25.2	23.9	0	25.2
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
	Subtest 2	4132	826.4	23.9	0	25.2	23.9	0	25.2
		4183	836.6	23.9			23.9		
		4233	846.6	23.9			23.9		
	Subtest 3	4132	826.4	23.4	0.5	24.7	23.4	0.5	24.7
		4183	836.6	23.4			23.4		
		4233	846.6	23.4			23.4		
	Subtest 4	4132	826.4	23.4	0.5	24.7	23.4	0.5	24.7
		4183	836.6	23.2			23.2		
		4233	846.6	23.3			23.3		
HSUPA	Subtest 1	4132	826.4	23.8	0	25.2	23.8	0	25.2
		4183	836.6	23.8			23.8		
		4233	846.6	23.7			23.7		
	Subtest 2	4132	826.4	21.8	2	23.2	21.8	2	23.2
		4183	836.6	21.7			21.7		
		4233	846.6	21.7			21.7		
	Subtest 3	4132	826.4	22.7	1	24.2	22.7	1	24.2
		4183	836.6	22.7			22.7		
		4233	846.6	22.7			22.7		
	Subtest 4	4132	826.4	21.7	2	23.2	21.7	2	23.2
		4183	836.6	21.7			21.7		
		4233	846.6	21.7			21.7		
	Subtest 5	4132	826.4	23.8	0	25.2	23.8	0	25.2
		4183	836.6	23.8			23.8		
		4233	846.6	23.7			23.7		
HSPA+	Subtest 1	4132	826.4	22.7	2.5	22.7	22.7	2.5	22.7
		4183	836.6	22.7			22.7		
		4233	846.6	22.7			22.7		

9.3. LTE

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3

Modulation	Channel bandwidth / Transmission bandwidth (N_{RB})						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3
256 QAM	≥ 1						≤ 5

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".

Table 6.2.4-1: Additional Maximum Power Reduction (A-MPR)

Network Signalling value	Requirements (subclause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.5-1	1.4, 3, 5, 10, 15, 20	Table 5.6-1	N/A

Maximum Output Power for LTE

According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping LTE bands as follows:

- The maximum output power for the smaller band must be ≤ the larger band to qualify for the SAR test exclusion.
- The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.
 - LTE Band 2 (1850-1910 MHz) is covered by LTE Band 25 (1850-1915 MHz)
 - LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780 MHz)
 - LTE Band 17 (704-716 MHz) is covered by LTE Band 12 (699-716 MHz)

For some LTE Bands, the maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per KDB 941225 D05 SAR for LTE Devices.

SAR measurement is not required for the 16QAM, 64QAM, and 256QAM. When the highest maximum output power for 16QAM, 64QAM, and 256QAM is ≤ ½ dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.

Please refer to section 6.3. for LTE detail test channels.

PS1

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 2	QPSK	25.7	22.3	20.6	20.5	25.7	22.4	18.3	20.7
LTE Band 4	QPSK	25.7	20.5	18.8	18.7	25.7	22.8	18.9	21.6
LTE Band 5	QPSK	25.7	25.7	25.2	25.2				
LTE Band 7	QPSK	25.7	19.8	20.5	20.9	25.0	20.7	19.4	22.1
LTE Band 12	QPSK	25.7	25.7	25.2	25.2				
LTE Band 13	QPSK	25.7	25.7	25.2	25.2				
LTE Band 14	QPSK	25.7	25.7	25.2	25.2				
LTE Band 17	QPSK	25.7	25.7	25.2	25.2				
LTE Band 25	QPSK	25.7	22.3	20.6	20.5	25.7	22.4	18.3	20.7
LTE Band 26	QPSK	25.7	25.7	25.2	25.2				
LTE Band 30	QPSK	25.7	19.1	21.3	21.9	25.0	21.7	19.2	21.3
LTE Band 41 (PC3)	QPSK	25.7	22.1	21.5	22.3	25.7	22.7	20.9	23.3
LTE Band 41 (PC2)	QPSK	28.7	23.7	23.1	23.9	28.0	24.3	22.5	24.9
LTE Band 53	QPSK	20.7	20.7	20.7	20.7				
LTE Band 66	QPSK	25.7	20.5	18.8	18.7	25.5	22.8	18.9	21.6
LTE Band 71	QPSK	25.7	25.7	25.2	25.2				
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 48	QPSK	26.0	22.1	24.0	23.3	25.5	22.9	23.5	24.5

PS2

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 2	QPSK	25.2	21.5	19.8	19.7	22.9	21.6	17.5	19.9
LTE Band 4	QPSK	25.7	19.7	18.0	17.9	22.4	22.0	18.1	20.8
LTE Band 5	QPSK	25.7	25.7	25.2	25.2				
LTE Band 7	QPSK	24.9	19.0	19.7	20.1	23.2	19.9	18.6	21.3
LTE Band 12	QPSK	25.7	25.7	25.2	25.2				
LTE Band 13	QPSK	25.7	25.7	24.6	25.2				
LTE Band 14	QPSK	25.7	25.7	25.1	25.2				
LTE Band 17	QPSK	25.7	25.7	25.2	25.2				
LTE Band 25	QPSK	25.2	21.5	19.8	19.7	22.9	21.6	17.5	19.9
LTE Band 30	QPSK	23.0	18.3	20.5	21.1				
LTE Band 38	QPSK	25.7	21.3	20.7	21.5	24.9	21.9	20.1	22.5
LTE Band 41 (PC3)	QPSK	25.7	21.3	20.7	21.5	24.9	21.9	20.1	22.5
LTE Band 41 (PC2)	QPSK	28.7	22.9	22.3	21.3	26.5	23.5	21.7	24.1
LTE Band 53	QPSK	20.7	19.9	20.7	20.7				
LTE Band 66	QPSK	25.7	19.7	18.0	17.9	22.4	22.0	18.1	20.8
LTE Band 71	QPSK	25.7	25.7	25.2	25.2				

Notes:

The values listed for PS2 with a different color compared to PS1 are the transmission modes that have up to a 0.8 dBm decrease in power.

LTE Band 5 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
					20525		MPR	Tune-up Limit		20525		MPR	Tune-up Limit
					836.5 MHz					836.5 MHz			
10	QPSK	1	0		24.4		0	25.7		24.4		0	25.7
		1	25		24.4		0	25.7		24.4		0	25.7
		1	49		24.4		0	25.7		24.4		0	25.7
		25	0		24.2		1	24.7		24.2		1	24.7
		25	12		24.2		1	24.7		24.2		1	24.7
		25	25		24.3		1	24.7		24.3		1	24.7
		50	0		24.3		1	24.7		24.3		1	24.7
	16QAM	1	0		24.2		1	24.7		24.2		1	24.7
		1	25		24.3		1	24.7		24.3		1	24.7
		1	49		24.3		1	24.7		24.3		1	24.7
		25	0		23.2		2	23.7		23.2		2	23.7
		25	12		23.2		2	23.7		23.2		2	23.7
		25	25		23.2		2	23.7		23.2		2	23.7
	64QAM	50	0		23.1		2	23.7		23.1		2	23.7
		1	0		23.3		2	23.7		23.3		2	23.7
		1	25		23.3		2	23.7		23.3		2	23.7
		1	49		23.3		2	23.7		23.3		2	23.7
		25	0		22.1		3	22.7		22.1		3	22.7
		25	12		22.1		3	22.7		22.1		3	22.7
		25	25		22.2		3	22.7		22.2		3	22.7
	256QAM	50	0		22.1		3	22.7		22.1		3	22.7
		1	0		20.2		5	20.7		20.2		5	20.7
		1	25		20.3		5	20.7		20.3		5	20.7
		1	49		20.2		5	20.7		20.2		5	20.7
		25	0		20.1		5	20.7		20.1		5	20.7
		25	12		20.1		5	20.7		20.1		5	20.7
		25	25		20.2		5	20.7		20.2		5	20.7
		50	0		20.2		5	20.7		20.2		5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20425	20525	20625	MPR	Tune-up Limit	20425	20525	20625	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	24.3	24.4	24.3	0	25.7	24.3	24.4	24.3	0	25.7
		1	12	24.3	24.4	24.3	0	25.7	24.3	24.4	24.3	0	25.7
		1	24	24.3	24.4	24.3	0	25.7	24.3	24.4	24.3	0	25.7
		12	0	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
		12	7	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		12	13	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		25	0	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
	16QAM	1	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	12	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	24	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		12	0	23.1	23.2	23.2	2	23.7	23.1	23.2	23.2	2	23.7
		12	7	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		12	13	23.2	23.3	23.2	2	23.7	23.2	23.3	23.2	2	23.7
	64QAM	25	0	23.1	23.1	23.2	2	23.7	23.1	23.1	23.2	2	23.7
		1	0	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		1	12	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		1	24	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
		12	0	22.1	22.2	22.2	3	22.7	22.1	22.2	22.2	3	22.7
		12	7	22.2	22.2	22.3	3	22.7	22.2	22.2	22.3	3	22.7
		12	13	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
	256QAM	25	0	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
		1	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		1	12	20.3	20.4	20.4	5	20.7	20.3	20.4	20.4	5	20.7
		1	24	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		12	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7
		12	7	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		12	13	20.2	20.3	20.2	5	20.7	20.2	20.3	20.2	5	20.7

LTE Band 5 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20415	20525	20635	MPR	Tune-up Limit	20415	20525	20635	MPR	Tune-up Limit
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	24.2	24.2	24.3	0	25.7	24.2	24.2	24.3	0	25.7
		1	8	24.3	24.3	24.3	0	25.7	24.3	24.3	24.3	0	25.7
		1	14	24.2	24.3	24.2	0	25.7	24.2	24.3	24.2	0	25.7
		8	0	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
		8	4	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
		8	7	24.1	24.2	24.1	1	24.7	24.1	24.2	24.1	1	24.7
		15	0	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
	16QAM	1	0	24.2	24.3	24.2	1	24.7	24.2	24.3	24.2	1	24.7
		1	8	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	14	24.2	24.2	24.3	1	24.7	24.2	24.2	24.3	1	24.7
		8	0	23.1	23.2	23.2	2	23.7	23.1	23.2	23.2	2	23.7
		8	4	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
		8	7	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
		15	0	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
	64QAM	1	0	23.3	23.3	23.2	2	23.7	23.3	23.3	23.2	2	23.7
		1	8	23.3	23.4	23.3	2	23.7	23.3	23.4	23.3	2	23.7
		1	14	23.3	23.2	23.2	2	23.7	23.3	23.2	23.2	2	23.7
		8	0	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
		8	4	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
		8	7	22.2	22.3	22.2	3	22.7	22.2	22.3	22.2	3	22.7
		15	0	22.1	22.1	22.2	3	22.7	22.1	22.1	22.2	3	22.7
	256QAM	1	0	20.1	20.2	20.2	5	20.7	20.1	20.2	20.2	5	20.7
		1	8	20.3	20.4	20.3	5	20.7	20.3	20.4	20.3	5	20.7
		1	14	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	5	20.7
		8	0	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		8	4	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	5	20.7
		8	7	20.1	20.2	20.2	5	20.7	20.1	20.2	20.2	5	20.7
		15	0	20.1	20.2	20.2	5	20.7	20.1	20.2	20.2	5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20407	20525	20643	MPR	Tune-up Limit	20407	20525	20643	MPR	Tune-up Limit
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.1	24.1	24.2	0	25.7	24.1	24.1	24.2	0	25.7
		1	3	24.1	24.2	24.2	0	25.7	24.1	24.2	24.2	0	25.7
		1	5	24.0	24.2	24.2	0	25.7	24.0	24.2	24.2	0	25.7
		3	0	24.1	24.1	24.2	0	25.7	24.1	24.1	24.2	0	25.7
		3	1	24.0	24.2	24.2	0	25.7	24.0	24.2	24.2	0	25.7
		3	3	24.0	24.2	24.2	0	25.7	24.0	24.2	24.2	0	25.7
		6	0	23.9	24.0	24.0	1	24.7	23.9	24.0	24.0	1	24.7
	16QAM	1	0	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		1	3	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
		1	5	24.1	24.3	24.2	1	24.7	24.1	24.3	24.2	1	24.7
		3	0	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
		3	1	24.1	24.2	24.1	1	24.7	24.1	24.2	24.1	1	24.7
		3	3	24.1	24.2	24.1	1	24.7	24.1	24.2	24.1	1	24.7
	64QAM	6	0	23.0	23.0	23.1	2	23.7	23.0	23.0	23.1	2	23.7
		1	0	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		1	3	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		1	5	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
		3	0	23.1	23.2	23.2	2	23.7	23.1	23.2	23.2	2	23.7
		3	1	23.1	23.3	23.2	2	23.7	23.1	23.3	23.2	2	23.7
		3	3	23.1	23.3	23.2	2	23.7	23.1	23.3	23.2	2	23.7
	256QAM	6	0	22.1	22.1	22.1	3	22.7	22.1	22.1	22.1	3	22.7
		1	0	20.1	20.3	20.2	5	20.7	20.1	20.3	20.2	5	20.7
		1	3	20.2	20.4	20.3	5	20.7	20.2	20.4	20.3	5	20.7
		1	5	20.0	20.4	20.2	5	20.7	20.0	20.4	20.2	5	20.7
		3	0	20.1	20.2	20.2	5	20.7	20.1	20.2	20.2	5	20.7
		3	1	20.1	20.3	20.2	5	20.7	20.1	20.3	20.2	5	20.7
		3	3	20.1	20.3	20.2	5	20.7	20.1	20.3	20.2	5	20.7
		6	0	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7

LTE Band 5 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
					20525 836.5 MHz		MPR	Tune-up Limit		20525 836.5 MHz		MPR	Tune-up Limit
10	QPSK	1	0		23.9		0	25.2		23.9		0	25.2
		1	25		23.8		0	25.2		23.8		0	25.2
		1	49		24.0		0	25.2		24.0		0	25.2
		25	0		23.8		1	24.2		23.8		1	24.2
		25	12		23.8		1	24.2		23.8		1	24.2
		25	25		23.7		1	24.2		23.7		1	24.2
		50	0		23.7		1	24.2		23.7		1	24.2
	16QAM	1	0		23.4		1	24.2		23.4		1	24.2
		1	25		23.5		1	24.2		23.5		1	24.2
		1	49		23.5		1	24.2		23.5		1	24.2
		25	0		22.3		2	23.2		22.3		2	23.2
		25	12		22.4		2	23.2		22.4		2	23.2
		25	25		22.4		2	23.2		22.4		2	23.2
		50	0		22.4		2	23.2		22.4		2	23.2
	64QAM	1	0		22.4		2	23.2		22.4		2	23.2
		1	25		22.5		2	23.2		22.5		2	23.2
		1	49		22.4		2	23.2		22.4		2	23.2
		25	0		21.3		3	22.2		21.3		3	22.2
		25	12		21.4		3	22.2		21.4		3	22.2
		25	25		21.4		3	22.2		21.4		3	22.2
		50	0		21.4		3	22.2		21.4		3	22.2
	256QAM	1	0		19.4		5	20.2		19.4		5	20.2
		1	25		19.5		5	20.2		19.5		5	20.2
		1	49		19.4		5	20.2		19.4		5	20.2
		25	0		19.3		5	20.2		19.3		5	20.2
		25	12		19.4		5	20.2		19.4		5	20.2
		25	25		19.4		5	20.2		19.4		5	20.2
		50	0		19.4		5	20.2		19.4		5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20425	20525	20625	MPR	Tune-up Limit	20425	20525	20625	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	23.6	23.7	23.6	0	25.2	23.6	23.7	23.6	0	25.2
		1	12	23.6	23.6	23.6	0	25.2	23.6	23.6	23.6	0	25.2
		1	24	23.6	23.6	23.6	0	25.2	23.6	23.6	23.6	0	25.2
		12	0	23.5	23.4	23.4	1	24.2	23.5	23.4	23.4	1	24.2
		12	7	23.5	23.5	23.4	1	24.2	23.5	23.5	23.4	1	24.2
		12	13	23.4	23.4	23.5	1	24.2	23.4	23.4	23.5	1	24.2
		25	0	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
	16QAM	1	0	23.7	23.5	23.6	1	24.2	23.7	23.5	23.6	1	24.2
		1	12	23.6	23.5	23.6	1	24.2	23.6	23.5	23.6	1	24.2
		1	24	23.6	23.5	23.6	1	24.2	23.6	23.5	23.6	1	24.2
		12	0	22.5	22.4	22.4	2	23.2	22.5	22.4	22.4	2	23.2
		12	7	22.5	22.5	22.4	2	23.2	22.5	22.5	22.4	2	23.2
		12	13	22.5	22.5	22.5	2	23.2	22.5	22.5	22.5	2	23.2
		25	0	22.5	22.4	22.4	2	23.2	22.5	22.4	22.4	2	23.2
	64QAM	1	0	22.8	22.5	22.5	2	23.2	22.8	22.5	22.5	2	23.2
		1	12	22.7	22.5	22.6	2	23.2	22.7	22.5	22.6	2	23.2
		1	24	22.8	22.4	22.5	2	23.2	22.8	22.4	22.5	2	23.2
		12	0	21.5	21.4	21.4	3	22.2	21.5	21.4	21.4	3	22.2
		12	7	21.6	21.5	21.4	3	22.2	21.6	21.5	21.4	3	22.2
		12	13	21.5	21.5	21.4	3	22.2	21.5	21.5	21.4	3	22.2
		25	0	21.5	21.4	21.4	3	22.2	21.5	21.4	21.4	3	22.2
	256QAM	1	0	19.6	19.4	19.4	5	20.2	19.6	19.4	19.4	5	20.2
		1	12	19.5	19.6	19.6	5	20.2	19.5	19.6	19.6	5	20.2
		1	24	19.6	19.4	19.5	5	20.2	19.6	19.4	19.5	5	20.2
		12	0	19.5	19.3	19.4	5	20.2	19.5	19.3	19.4	5	20.2
		12	7	19.5	19.4	19.4	5	20.2	19.5	19.4	19.4	5	20.2
		12	13	19.5	19.4	19.4	5	20.2	19.5	19.4	19.4	5	20.2
		25	0	19.5	19.4	19.3	5	20.2	19.5	19.4	19.3	5	20.2

LTE Band 5 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20415	20525	20635	MPR	Tune-up Limit	20415	20525	20635	MPR	Tune-up Limit
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	23.5	23.5	23.5	0	25.2	23.5	23.5	23.5	0	25.2
		1	8	23.5	23.6	23.6	0	25.2	23.5	23.6	23.6	0	25.2
		1	14	23.5	23.5	23.5	0	25.2	23.5	23.5	23.5	0	25.2
		8	0	23.4	23.3	23.3	1	24.2	23.4	23.3	23.3	1	24.2
		8	4	23.4	23.4	23.3	1	24.2	23.4	23.4	23.3	1	24.2
		8	7	23.4	23.4	23.3	1	24.2	23.4	23.4	23.3	1	24.2
		15	0	23.4	23.4	23.3	1	24.2	23.4	23.4	23.3	1	24.2
	16QAM	1	0	23.5	23.4	23.5	1	24.2	23.5	23.4	23.5	1	24.2
		1	8	23.5	23.5	23.6	1	24.2	23.5	23.5	23.6	1	24.2
		1	14	23.5	23.4	23.5	1	24.2	23.5	23.4	23.5	1	24.2
		8	0	22.4	22.4	22.4	2	23.2	22.4	22.4	22.4	2	23.2
		8	4	22.5	22.5	22.4	2	23.2	22.5	22.5	22.4	2	23.2
		8	7	22.5	22.4	22.4	2	23.2	22.5	22.4	22.4	2	23.2
		15	0	22.4	22.4	22.3	2	23.2	22.4	22.4	22.3	2	23.2
	64QAM	1	0	22.5	22.6	22.4	2	23.2	22.5	22.6	22.4	2	23.2
		1	8	22.6	22.6	22.6	2	23.2	22.6	22.6	22.6	2	23.2
		1	14	22.5	22.5	22.5	2	23.2	22.5	22.5	22.5	2	23.2
		8	0	21.5	21.4	21.4	3	22.2	21.5	21.4	21.4	3	22.2
		8	4	21.6	21.5	21.4	3	22.2	21.6	21.5	21.4	3	22.2
		8	7	21.5	21.4	21.4	3	22.2	21.5	21.4	21.4	3	22.2
		15	0	21.5	21.4	21.4	3	22.2	21.5	21.4	21.4	3	22.2
	256QAM	1	0	19.5	19.4	19.4	5	20.2	19.5	19.4	19.4	5	20.2
		1	8	19.5	19.5	19.6	5	20.2	19.5	19.5	19.6	5	20.2
		1	14	19.4	19.4	19.5	5	20.2	19.4	19.4	19.5	5	20.2
		8	0	19.5	19.4	19.4	5	20.2	19.5	19.4	19.4	5	20.2
		8	4	19.5	19.5	19.4	5	20.2	19.5	19.5	19.4	5	20.2
		8	7	19.4	19.4	19.4	5	20.2	19.4	19.4	19.4	5	20.2
		15	0	19.5	19.4	19.3	5	20.2	19.5	19.4	19.3	5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20407	20525	20643	MPR	Tune-up Limit	20407	20525	20643	MPR	Tune-up Limit
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	23.3	23.3	23.4	0	25.2	23.3	23.3	23.4	0	25.2
		1	3	23.4	23.4	23.5	0	25.2	23.4	23.4	23.5	0	25.2
		1	5	23.3	23.3	23.4	0	25.2	23.3	23.3	23.4	0	25.2
		3	0	23.3	23.3	23.4	0	25.2	23.3	23.3	23.4	0	25.2
		3	1	23.3	23.3	23.4	0	25.2	23.3	23.3	23.4	0	25.2
		3	3	23.4	23.3	23.4	0	25.2	23.4	23.3	23.4	0	25.2
		6	0	23.2	23.2	23.2	1	24.2	23.2	23.2	23.2	1	24.2
	16QAM	1	0	23.4	23.3	23.3	1	24.2	23.4	23.3	23.3	1	24.2
		1	3	23.4	23.3	23.5	1	24.2	23.4	23.3	23.5	1	24.2
		1	5	23.4	23.3	23.4	1	24.2	23.4	23.3	23.4	1	24.2
		3	0	23.4	23.3	23.3	1	24.2	23.4	23.3	23.3	1	24.2
		3	1	23.4	23.3	23.3	1	24.2	23.4	23.3	23.3	1	24.2
		3	3	23.4	23.3	23.3	1	24.2	23.4	23.3	23.3	1	24.2
		6	0	22.3	22.3	22.3	2	23.2	22.3	22.3	22.3	2	23.2
	64QAM	1	0	22.4	22.5	22.5	2	23.2	22.4	22.5	22.5	2	23.2
		1	3	22.5	22.5	22.5	2	23.2	22.5	22.5	22.5	2	23.2
		1	5	22.4	22.6	22.5	2	23.2	22.4	22.6	22.5	2	23.2
		3	0	22.5	22.4	22.5	2	23.2	22.5	22.4	22.5	2	23.2
		3	1	22.5	22.4	22.5	2	23.2	22.5	22.4	22.5	2	23.2
		3	3	22.5	22.4	22.5	2	23.2	22.5	22.4	22.5	2	23.2
		6	0	21.4	21.4	21.3	3	22.2	21.4	21.4	21.3	3	22.2
	256QAM	1	0	19.5	19.4	19.6	5	20.2	19.5	19.4	19.6	5	20.2
		1	3	19.5	19.4	19.6	5	20.2	19.5	19.4	19.6	5	20.2
		1	5	19.5	19.4	19.5	5	20.2	19.5	19.4	19.5	5	20.2
		3	0	19.5	19.4	19.4	5	20.2	19.5	19.4	19.4	5	20.2
		3	1	19.5	19.4	19.5	5	20.2	19.5	19.4	19.5	5	20.2
		3	3	19.5	19.4	19.5	5	20.2	19.5	19.4	19.5	5	20.2
		6	0	19.4	19.3	19.3	5	20.2	19.4	19.3	19.3	5	20.2

LTE Band 7 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	24.3	24.1	24.0	0	25.7	18.9	18.9	19.0	0	19.8
		1	49	24.2	24.1	24.0	0	25.7	19.0	19.0	19.1	0	19.8
		1	99	24.2	24.1	24.2	0	25.7	19.0	19.0	19.1	0	19.8
		50	0	24.1	23.9	23.9	1	24.7	19.0	18.9	19.0	0	19.8
		50	24	24.0	24.0	23.9	1	24.7	19.0	19.0	19.1	0	19.8
		50	50	24.0	24.0	24.0	1	24.7	19.0	19.0	19.1	0	19.8
		100	0	24.0	23.9	23.9	1	24.7	19.0	19.1	19.0	0	19.8
	16QAM	1	0	24.3	24.2	24.1	1	24.7	19.2	19.1	19.2	0	19.8
		1	49	24.3	24.2	24.2	1	24.7	19.2	19.1	19.3	0	19.8
		1	99	24.2	24.2	24.3	1	24.7	19.3	19.1	19.4	0	19.8
		50	0	23.1	22.9	22.9	2	23.7	19.0	18.9	18.9	0	19.8
		50	24	23.0	22.9	22.9	2	23.7	19.0	19.0	19.0	0	19.8
		50	50	23.0	22.9	23.0	2	23.7	19.0	18.9	19.0	0	19.8
		100	0	23.0	22.9	22.9	2	23.7	19.0	18.9	19.0	0	19.8
	64QAM	1	0	23.3	23.2	23.0	2	23.7	19.2	19.1	19.2	0	19.8
		1	49	23.3	23.2	23.1	2	23.7	19.2	19.1	19.3	0	19.8
		1	99	23.2	23.2	23.2	2	23.7	19.1	19.1	19.4	0	19.8
		50	0	22.1	21.9	21.9	3	22.7	19.0	18.9	18.9	0	19.8
		50	24	22.0	22.0	21.9	3	22.7	19.0	19.0	19.0	0	19.8
		50	50	22.0	21.9	22.0	3	22.7	19.0	19.0	19.0	0	19.8
		100	0	22.0	21.9	21.9	3	22.7	19.0	19.0	19.0	0	19.8
	256QAM	1	0	20.2	20.1	19.9	5	20.7	18.9	19.0	19.0	0	19.8
		1	49	20.2	20.0	20.0	5	20.7	19.0	19.1	19.2	0	19.8
		1	99	20.2	20.1	20.0	5	20.7	19.0	19.1	19.2	0	19.8
		50	0	20.1	19.9	19.9	5	20.7	19.0	18.9	18.9	0	19.8
		50	24	20.0	19.9	19.9	5	20.7	19.0	19.0	19.0	0	19.8
		50	50	20.0	19.9	20.0	5	20.7	19.0	19.0	19.0	0	19.8
		100	0	20.0	19.9	19.9	5	20.7	19.0	19.0	19.0	0	19.8
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	24.3	24.1	24.0	0	25.7	19.0	18.8	18.9	0	19.8
		1	37	24.4	24.1	24.1	0	25.7	19.0	18.9	19.0	0	19.8
		1	74	24.2	24.1	24.1	0	25.7	19.0	18.9	19.0	0	19.8
		36	0	24.1	23.9	23.9	1	24.7	18.9	18.9	18.9	0	19.8
		36	20	24.1	23.9	24.0	1	24.7	19.0	19.0	18.9	0	19.8
		36	39	24.0	23.9	24.0	1	24.7	19.0	18.9	19.0	0	19.8
		75	0	24.1	23.9	23.9	1	24.7	19.0	18.9	18.9	0	19.8
	16QAM	1	0	24.4	24.1	24.2	1	24.7	19.1	19.1	19.2	0	19.8
		1	37	24.4	24.1	24.2	1	24.7	19.2	19.2	19.3	0	19.8
		1	74	24.3	24.2	24.3	1	24.7	19.1	19.3	19.3	0	19.8
		36	0	23.2	23.0	22.9	2	23.7	19.0	18.9	18.9	0	19.8
		36	20	23.1	23.0	23.0	2	23.7	19.0	19.0	18.9	0	19.8
		36	39	23.1	22.9	23.0	2	23.7	19.0	18.9	19.0	0	19.8
		75	0	23.1	22.9	23.0	2	23.7	19.0	18.9	18.9	0	19.8
	64QAM	1	0	23.3	23.1	23.0	2	23.7	19.1	19.1	19.1	0	19.8
		1	37	23.4	23.1	23.1	2	23.7	19.1	19.1	19.2	0	19.8
		1	74	23.3	23.1	23.1	2	23.7	19.1	19.1	19.2	0	19.8
		36	0	22.1	21.9	21.9	3	22.7	18.9	18.8	19.0	0	19.8
		36	20	22.2	21.9	22.0	3	22.7	19.0	19.0	19.0	0	19.8
		36	39	22.0	21.9	22.0	3	22.7	19.0	19.0	19.1	0	19.8
		75	0	22.1	21.9	22.0	3	22.7	19.0	19.0	18.9	0	19.8
	256QAM	1	0	20.2	20.1	20.0	5	20.7	19.0	19.0	19.1	0	19.8
		1	37	20.2	20.1	20.1	5	20.7	19.1	19.1	19.2	0	19.8
		1	74	20.1	20.1	20.1	5	20.7	19.1	19.0	19.2	0	19.8
		36	0	20.1	19.9	19.9	5	20.7	18.9	18.8	18.9	0	19.8
		36	20	20.1	19.9	20.0	5	20.7	19.0	18.9	18.9	0	19.8
		36	39	20.1	19.9	20.0	5	20.7	19.0	19.0	19.0	0	19.8
		75	0	20.1	19.9	20.0	5	20.7	19.0	18.9	18.9	0	19.8

LTE Band 7 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	24.3	24.1	24.1	0	25.7	19.0	18.9	19.0	0	19.8
		1	25	24.3	24.1	24.2	0	25.7	19.1	19.0	19.1	0	19.8
		1	49	24.2	24.0	24.2	0	25.7	19.0	19.0	19.1	0	19.8
		25	0	24.1	24.0	23.9	1	24.7	19.1	18.9	19.0	0	19.8
		25	12	24.1	24.0	24.0	1	24.7	19.0	19.0	19.1	0	19.8
		25	25	24.0	23.9	24.0	1	24.7	19.1	19.0	19.1	0	19.8
		50	0	24.1	23.9	23.9	1	24.7	19.0	19.0	19.0	0	19.8
	16QAM	1	0	24.4	24.2	24.2	1	24.7	19.3	19.2	19.3	0	19.8
		1	25	24.3	24.2	24.3	1	24.7	19.2	19.2	19.3	0	19.8
		1	49	24.3	24.1	24.2	1	24.7	19.2	19.2	19.3	0	19.8
		25	0	23.2	23.0	22.9	2	23.7	19.1	18.9	19.0	0	19.8
		25	12	23.2	23.0	22.9	2	23.7	19.1	19.0	19.1	0	19.8
		25	25	23.1	22.9	23.0	2	23.7	19.0	19.0	19.0	0	19.8
		50	0	23.1	22.9	22.9	2	23.7	19.1	19.0	19.0	0	19.8
	64QAM	1	0	23.4	23.1	23.0	2	23.7	19.1	19.2	19.2	0	19.8
		1	25	23.4	23.1	23.1	2	23.7	19.2	19.2	19.3	0	19.8
		1	49	23.3	23.1	23.1	2	23.7	19.2	19.2	19.2	0	19.8
		25	0	22.2	22.0	21.9	3	22.7	19.0	18.9	19.0	0	19.8
		25	12	22.2	22.0	22.0	3	22.7	19.1	19.0	19.0	0	19.8
		25	25	22.1	21.9	22.0	3	22.7	19.1	19.0	19.1	0	19.8
		50	0	22.2	22.0	21.9	3	22.7	19.0	19.0	19.0	0	19.8
	256QAM	1	0	20.3	20.1	20.0	5	20.7	19.1	19.0	19.0	0	19.8
		1	25	20.3	20.2	20.1	5	20.7	19.2	19.2	19.2	0	19.8
		1	49	20.1	20.1	20.0	5	20.7	19.1	19.0	19.1	0	19.8
		25	0	20.2	19.9	19.9	5	20.7	19.0	18.9	19.0	0	19.8
		25	12	20.2	20.0	19.9	5	20.7	19.1	19.0	19.1	0	19.8
		25	25	20.0	19.9	20.0	5	20.7	19.0	18.9	19.0	0	19.8
		50	0	20.1	19.9	19.9	5	20.7	19.0	19.0	19.0	0	19.8
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	24.4	24.2	24.2	0	25.7	19.1	19.0	19.1	0	19.8
		1	12	24.5	24.2	24.3	0	25.7	19.1	19.0	19.2	0	19.8
		1	24	24.4	24.2	24.2	0	25.7	19.1	19.1	19.1	0	19.8
		12	0	24.2	24.0	24.0	1	24.7	19.1	18.9	19.0	0	19.8
		12	7	24.2	24.1	24.1	1	24.7	19.1	19.1	19.0	0	19.8
		12	13	24.2	24.0	24.1	1	24.7	19.1	19.0	19.1	0	19.8
		25	0	24.1	24.0	24.0	1	24.7	19.0	19.0	19.1	0	19.8
	16QAM	1	0	24.6	24.4	24.4	1	24.7	19.5	19.3	19.5	0	19.8
		1	12	24.6	24.3	24.5	1	24.7	19.5	19.3	19.5	0	19.8
		1	24	24.5	24.3	24.5	1	24.7	19.5	19.3	19.6	0	19.8
		12	0	23.2	23.0	23.0	2	23.7	19.1	18.9	19.0	0	19.8
		12	7	23.2	23.1	23.2	2	23.7	19.2	19.1	19.1	0	19.8
		12	13	23.2	23.0	23.1	2	23.7	19.1	19.1	19.2	0	19.8
		25	0	23.1	23.0	23.0	2	23.7	19.0	19.0	19.1	0	19.8
	64QAM	1	0	23.5	23.1	23.2	2	23.7	19.3	19.3	19.3	0	19.8
		1	12	23.6	23.2	23.3	2	23.7	19.3	19.3	19.4	0	19.8
		1	24	23.5	23.2	23.2	2	23.7	19.2	19.3	19.4	0	19.8
		12	0	22.1	22.0	21.9	3	22.7	19.1	18.8	19.0	0	19.8
		12	7	22.1	22.0	22.1	3	22.7	19.1	19.0	19.1	0	19.8
		12	13	22.1	22.0	22.0	3	22.7	19.1	19.0	19.1	0	19.8
		25	0	22.1	22.0	22.0	3	22.7	19.0	19.0	19.1	0	19.8
	256QAM	1	0	20.3	20.1	20.0	5	20.7	19.1	19.1	19.0	0	19.8
		1	12	20.4	20.1	20.2	5	20.7	19.3	19.2	19.2	0	19.8
		1	24	20.2	20.1	20.1	5	20.7	19.1	19.1	19.2	0	19.8
		12	0	20.1	19.9	19.9	5	20.7	19.0	18.9	19.0	0	19.8
		12	7	20.1	20.0	20.1	5	20.7	19.1	19.0	19.0	0	19.8
		12	13	20.1	20.0	20.0	5	20.7	19.0	19.0	19.1	0	19.8
		25	0	20.1	19.9	20.0	5	20.7	19.0	19.0	19.0	0	19.8

LTE Band 7 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	19.3	19.3	19.2	0	20.5	19.3	19.3	19.2	0	20.9
		1	49	19.3	19.5	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		1	99	19.3	19.3	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		50	0	19.4	19.3	19.3	0	20.5	19.4	19.3	19.3	0	20.9
		50	24	19.3	19.5	19.3	0	20.5	19.4	19.4	19.4	0	20.9
		50	50	19.3	19.3	19.3	0	20.5	19.4	19.3	19.3	0	20.9
		100	0	19.3	19.3	19.3	0	20.5	19.3	19.4	19.3	0	20.9
	16QAM	1	0	19.4	19.5	19.4	0	20.5	19.5	19.6	19.5	0	20.9
		1	49	19.4	19.5	19.4	0	20.5	19.5	19.5	19.5	0	20.9
		1	99	19.4	19.5	19.4	0	20.5	19.5	19.5	19.6	0	20.9
		50	0	19.2	19.2	19.1	0	20.5	19.4	19.3	19.2	0	20.9
		50	24	19.2	19.2	19.2	0	20.5	19.3	19.3	19.3	0	20.9
		50	50	19.2	19.1	19.2	0	20.5	19.3	19.2	19.3	0	20.9
		100	0	19.2	19.2	19.1	0	20.5	19.3	19.3	19.3	0	20.9
	64QAM	1	0	19.4	19.4	19.3	0	20.5	19.5	19.5	19.4	0	20.9
		1	49	19.5	19.5	19.3	0	20.5	19.5	19.5	19.5	0	20.9
		1	99	19.4	19.4	19.4	0	20.5	19.5	19.5	19.4	0	20.9
		50	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		50	24	19.2	19.2	19.2	0	20.5	19.3	19.3	19.3	0	20.9
		50	50	19.2	19.1	19.2	0	20.5	19.3	19.2	19.3	0	20.9
		100	0	19.2	19.2	19.2	0	20.5	19.3	19.3	19.3	0	20.9
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.6	1.7	19.2
		1	49	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.6	1.7	19.2
		1	99	18.7	18.7	18.6	1.3	19.2	18.7	18.7	18.6	1.7	19.2
		50	0	18.6	18.6	18.6	1.3	19.2	18.7	18.6	18.6	1.7	19.2
		50	24	18.6	18.6	18.6	1.3	19.2	18.6	18.6	18.6	1.7	19.2
		50	50	18.6	18.6	18.6	1.3	19.2	18.6	18.5	18.6	1.7	19.2
		100	0	18.6	18.6	18.6	1.3	19.2	18.6	18.6	18.6	1.7	19.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	19.1	19.0	19.0	0	20.5	19.3	19.1	19.1	0	20.9
		1	37	19.2	19.1	19.1	0	20.5	19.3	19.2	19.2	0	20.9
		1	74	19.2	19.1	19.1	0	20.5	19.3	19.2	19.2	0	20.9
		36	0	19.2	19.1	19.1	0	20.5	19.3	19.3	19.2	0	20.9
		36	20	19.1	19.1	19.1	0	20.5	19.3	19.3	19.3	0	20.9
		36	39	19.1	19.1	19.1	0	20.5	19.3	19.2	19.2	0	20.9
		75	0	19.1	19.1	19.1	0	20.5	19.2	19.2	19.2	0	20.9
	16QAM	1	0	19.5	19.3	19.4	0	20.5	19.7	19.5	19.5	0	20.9
		1	37	19.5	19.4	19.5	0	20.5	19.6	19.4	19.5	0	20.9
		1	74	19.5	19.3	19.5	0	20.5	19.5	19.4	19.5	0	20.9
		36	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		36	20	19.2	19.2	19.2	0	20.5	19.3	19.3	19.3	0	20.9
		36	39	19.2	19.1	19.2	0	20.5	19.3	19.2	19.3	0	20.9
		75	0	19.2	19.2	19.2	0	20.5	19.3	19.3	19.3	0	20.9
	64QAM	1	0	19.4	19.3	19.5	0	20.5	19.6	19.5	19.4	0	20.9
		1	37	19.4	19.3	19.5	0	20.5	19.7	19.4	19.4	0	20.9
		1	74	19.4	19.3	19.5	0	20.5	19.6	19.5	19.4	0	20.9
		36	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		36	20	19.2	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		36	39	19.2	19.1	19.2	0	20.5	19.3	19.2	19.3	0	20.9
		75	0	19.2	19.2	19.2	0	20.5	19.3	19.3	19.3	0	20.9
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.7	1.7	19.2
		1	37	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.7	1.7	19.2
		1	74	18.7	18.7	18.6	1.3	19.2	18.7	18.7	18.7	1.7	19.2
		36	0	18.7	18.6	18.6	1.3	19.2	18.7	18.6	18.6	1.7	19.2
		36	20	18.6	18.6	18.6	1.3	19.2	18.6	18.6	18.6	1.7	19.2
		36	39	18.6	18.6	18.7	1.3	19.2	18.7	18.6	18.6	1.7	19.2
		75	0	18.6	18.6	18.6	1.3	19.2	18.6	18.6	18.6	1.7	19.2

LTE Band 7 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	19.2	19.1	19.0	0	20.5	19.3	19.2	19.2	0	20.9
		1	25	19.2	19.2	19.2	0	20.5	19.4	19.3	19.2	0	20.9
		1	49	19.2	19.1	19.1	0	20.5	19.3	19.3	19.2	0	20.9
		25	0	19.2	19.1	19.1	0	20.5	19.4	19.3	19.2	0	20.9
		25	12	19.3	19.2	19.1	0	20.5	19.4	19.3	19.3	0	20.9
		25	25	19.2	19.2	19.1	0	20.5	19.3	19.3	19.2	0	20.9
		50	0	19.2	19.1	19.1	0	20.5	19.3	19.3	19.2	0	20.9
	16QAM	1	0	19.5	19.4	19.4	0	20.5	19.7	19.4	19.5	0	20.9
		1	25	19.6	19.4	19.3	0	20.5	19.7	19.5	19.5	0	20.9
		1	49	19.4	19.4	19.5	0	20.5	19.6	19.5	19.5	0	20.9
		25	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		25	12	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		25	25	19.2	19.2	19.1	0	20.5	19.3	19.3	19.3	0	20.9
		50	0	19.3	19.2	19.1	0	20.5	19.4	19.3	19.3	0	20.9
	64QAM	1	0	19.4	19.5	19.4	0	20.5	19.6	19.5	19.4	0	20.9
		1	25	19.5	19.4	19.4	0	20.5	19.7	19.5	19.4	0	20.9
		1	49	19.4	19.4	19.4	0	20.5	19.6	19.5	19.4	0	20.9
		25	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		25	12	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		25	25	19.2	19.2	19.2	0	20.5	19.3	19.3	19.3	0	20.9
	256QAM	50	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		1	0	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.6	1.7	19.2
		1	25	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.7	1.7	19.2
		1	49	18.7	18.7	18.6	1.3	19.2	18.7	18.7	18.6	1.7	19.2
		25	0	18.7	18.6	18.6	1.3	19.2	18.7	18.6	18.6	1.7	19.2
		25	12	18.7	18.6	18.6	1.3	19.2	18.7	18.6	18.6	1.7	19.2
		25	25	18.6	18.6	18.6	1.3	19.2	18.6	18.6	18.6	1.7	19.2
		50	0	18.7	18.6	18.6	1.3	19.2	18.7	18.6	18.6	1.7	19.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	19.3	19.2	19.1	0	20.5	19.4	19.2	19.3	0	20.9
		1	12	19.4	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		1	24	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		12	0	19.3	19.2	19.1	0	20.5	19.3	19.3	19.3	0	20.9
		12	7	19.3	19.2	19.2	0	20.5	19.4	19.4	19.3	0	20.9
		12	13	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		25	0	19.3	19.1	19.1	0	20.5	19.4	19.3	19.3	0	20.9
	16QAM	1	0	19.7	19.6	19.5	0	20.5	19.7	19.6	19.7	0	20.9
		1	12	19.7	19.7	19.5	0	20.5	19.7	19.7	19.8	0	20.9
		1	24	19.7	19.6	19.5	0	20.5	19.8	19.7	19.8	0	20.9
		12	0	19.3	19.2	19.1	0	20.5	19.4	19.4	19.4	0	20.9
		12	7	19.4	19.3	19.2	0	20.5	19.5	19.4	19.4	0	20.9
		12	13	19.4	19.3	19.2	0	20.5	19.4	19.4	19.4	0	20.9
	64QAM	25	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		1	0	19.5	19.6	19.5	0	20.5	19.7	19.5	19.6	0	20.9
		1	12	19.6	19.6	19.6	0	20.5	19.7	19.6	19.7	0	20.9
		1	24	19.6	19.5	19.5	0	20.5	19.7	19.5	19.6	0	20.9
		12	0	19.3	19.2	19.2	0	20.5	19.4	19.3	19.3	0	20.9
		12	7	19.4	19.3	19.3	0	20.5	19.5	19.4	19.4	0	20.9
	256QAM	12	13	19.4	19.2	19.3	0	20.5	19.4	19.3	19.3	0	20.9
		25	0	19.3	19.2	19.3	0	20.5	19.4	19.3	19.3	0	20.9
		1	0	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.7	1.7	19.2
		1	12	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.7	1.7	19.2
		1	24	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.7	1.7	19.2
		12	0	18.7	18.6	18.6	1.3	19.2	18.7	18.6	18.6	1.7	19.2
		12	7	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.6	1.7	19.2
		12	13	18.7	18.7	18.7	1.3	19.2	18.7	18.7	18.6	1.7	19.2
		25	0	18.7	18.6	18.7	1.3	19.2	18.7	18.6	18.6	1.7	19.2

LTE Band 7 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	23.6	23.7	23.6	0	25.0	20.1	20.1	20.1	0	20.7
		1	49	23.8	23.6	23.6	0	25.0	20.2	20.1	20.1	0	20.7
		1	99	23.8	23.7	23.8	0	25.0	20.2	20.1	20.2	0	20.7
		50	0	23.6	23.6	23.5	1	24.0	20.2	20.2	20.2	0	20.7
		50	24	23.7	23.5	23.5	1	24.0	20.3	20.2	20.2	0	20.7
		50	50	23.6	23.6	23.6	1	24.0	20.3	20.2	20.2	0	20.7
		100	0	23.7	23.5	23.5	1	24.0	20.3	20.2	20.1	0	20.7
	16QAM	1	0	23.8	23.8	23.7	1	24.0	20.4	20.5	20.4	0	20.7
		1	49	23.8	23.8	23.8	1	24.0	20.5	20.5	20.4	0	20.7
		1	99	23.9	23.9	23.9	1	24.0	20.6	20.5	20.5	0	20.7
		50	0	22.6	22.5	22.4	2	23.0	20.3	20.2	20.1	0	20.7
		50	24	22.6	22.5	22.5	2	23.0	20.4	20.2	20.2	0	20.7
		50	50	22.6	22.5	22.5	2	23.0	20.3	20.2	20.2	0	20.7
		100	0	22.6	22.5	22.5	2	23.0	20.3	20.2	20.2	0	20.7
	64QAM	1	0	22.7	22.8	22.6	2	23.0	20.4	20.5	20.3	0	20.7
		1	49	22.8	22.7	22.7	2	23.0	20.5	20.5	20.4	0	20.7
		1	99	22.8	22.7	22.8	2	23.0	20.5	20.5	20.5	0	20.7
		50	0	21.6	21.5	21.5	3	22.0	20.3	20.2	20.2	0	20.7
		50	24	21.7	21.5	21.5	3	22.0	20.4	20.2	20.2	0	20.7
		50	50	21.6	21.5	21.6	3	22.0	20.3	20.2	20.3	0	20.7
		100	0	21.6	21.5	21.5	3	22.0	20.4	20.2	20.2	0	20.7
	256QAM	1	0	19.5	19.6	19.5	5	20.0	19.5	19.6	19.5	0.7	20.0
		1	49	19.7	19.6	19.7	5	20.0	19.9	19.6	19.6	0.7	20.0
		1	99	19.6	19.6	19.7	5	20.0	19.7	19.6	19.6	0.7	20.0
		50	0	19.5	19.5	19.4	5	20.0	19.6	19.5	19.4	0.7	20.0
		50	24	19.6	19.5	19.5	5	20.0	19.7	19.5	19.5	0.7	20.0
		50	50	19.6	19.5	19.6	5	20.0	19.6	19.5	19.6	0.7	20.0
		100	0	19.6	19.5	19.4	5	20.0	19.7	19.5	19.5	0.7	20.0
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	23.6	23.6	23.6	0	25.0	20.1	20.1	20.1	0	20.7
		1	37	23.8	23.6	23.7	0	25.0	20.3	20.1	20.2	0	20.7
		1	74	23.8	23.6	23.7	0	25.0	20.3	20.1	20.2	0	20.7
		36	0	23.6	23.4	23.4	1	24.0	20.2	20.2	20.1	0	20.7
		36	20	23.6	23.4	23.4	1	24.0	20.3	20.2	20.1	0	20.7
		36	39	23.6	23.5	23.5	1	24.0	20.2	20.2	20.2	0	20.7
		75	0	23.5	23.4	23.4	1	24.0	20.2	20.1	20.1	0	20.7
	16QAM	1	0	23.7	23.7	23.8	1	24.0	20.5	20.5	20.3	0	20.7
		1	37	23.8	23.7	23.8	1	24.0	20.6	20.3	20.4	0	20.7
		1	74	23.8	23.7	23.8	1	24.0	20.6	20.5	20.5	0	20.7
		36	0	22.6	22.5	22.5	2	23.0	20.3	20.2	20.2	0	20.7
		36	20	22.6	22.5	22.5	2	23.0	20.4	20.2	20.2	0	20.7
		36	39	22.6	22.5	22.6	2	23.0	20.3	20.2	20.3	0	20.7
		75	0	22.5	22.4	22.4	2	23.0	20.2	20.2	20.2	0	20.7
	64QAM	1	0	22.6	22.7	22.8	2	23.0	20.4	20.4	20.3	0	20.7
		1	37	22.8	22.7	22.9	2	23.0	20.6	20.4	20.4	0	20.7
		1	74	22.8	22.7	22.9	2	23.0	20.6	20.3	20.4	0	20.7
		36	0	21.6	21.5	21.5	3	22.0	20.3	20.2	20.2	0	20.7
		36	20	21.7	21.5	21.5	3	22.0	20.4	20.2	20.2	0	20.7
		36	39	21.6	21.5	21.6	3	22.0	20.3	20.2	20.3	0	20.7
		75	0	21.6	21.5	21.5	3	22.0	20.3	20.2	20.2	0	20.7
	256QAM	1	0	19.6	19.6	19.5	5	20.0	19.6	19.7	19.6	0.7	20.0
		1	37	19.8	19.6	19.6	5	20.0	19.7	19.7	19.7	0.7	20.0
		1	74	19.6	19.6	19.6	5	20.0	19.7	19.6	19.6	0.7	20.0
		36	0	19.6	19.5	19.4	5	20.0	19.6	19.5	19.4	0.7	20.0
		36	20	19.6	19.5	19.5	5	20.0	19.7	19.5	19.5	0.7	20.0
		36	39	19.6	19.5	19.6	5	20.0	19.6	19.5	19.6	0.7	20.0
		75	0	19.6	19.5	19.5	5	20.0	19.6	19.5	19.5	0.7	20.0

LTE Band 7 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	23.7	23.7	23.6	0	25.0	20.3	20.2	20.2	0	20.7
		1	25	23.9	23.7	23.7	0	25.0	20.4	20.2	20.2	0	20.7
		1	49	23.8	23.6	23.7	0	25.0	20.4	20.1	20.2	0	20.7
		25	0	23.6	23.5	23.4	1	24.0	20.3	20.2	20.1	0	20.7
		25	12	23.6	23.5	23.5	1	24.0	20.4	20.2	20.2	0	20.7
		25	25	23.6	23.5	23.6	1	24.0	20.3	20.2	20.2	0	20.7
		50	0	23.6	23.5	23.5	1	24.0	20.3	20.2	20.2	0	20.7
	16QAM	1	0	23.8	23.7	23.7	1	24.0	20.5	20.6	20.3	0	20.7
		1	25	23.9	23.7	23.8	1	24.0	20.7	20.5	20.4	0	20.7
		1	49	24.0	23.7	23.8	1	24.0	20.6	20.5	20.4	0	20.7
		25	0	22.6	22.5	22.5	2	23.0	20.3	20.2	20.2	0	20.7
		25	12	22.7	22.5	22.5	2	23.0	20.4	20.2	20.2	0	20.7
		25	25	22.6	22.5	22.6	2	23.0	20.3	20.2	20.3	0	20.7
		50	0	22.6	22.5	22.5	2	23.0	20.3	20.2	20.3	0	20.7
	64QAM	1	0	22.7	22.7	22.7	2	23.0	20.4	20.4	20.4	0	20.7
		1	25	22.8	22.7	22.8	2	23.0	20.5	20.5	20.4	0	20.7
		1	49	22.8	22.7	22.7	2	23.0	20.5	20.4	20.4	0	20.7
		25	0	21.6	21.5	21.5	3	22.0	20.3	20.2	20.2	0	20.7
		25	12	21.7	21.6	21.6	3	22.0	20.4	20.3	20.2	0	20.7
		25	25	21.6	21.5	21.6	3	22.0	20.3	20.2	20.3	0	20.7
		50	0	21.6	21.5	21.6	3	22.0	20.4	20.3	20.3	0	20.7
	256QAM	1	0	19.6	19.6	19.6	5	20.0	19.7	19.7	19.7	0.7	20.0
		1	25	19.8	19.7	19.7	5	20.0	19.8	19.7	19.7	0.7	20.0
		1	49	19.6	19.6	19.7	5	20.0	19.7	19.6	19.6	0.7	20.0
		25	0	19.6	19.5	19.5	5	20.0	19.7	19.6	19.5	0.7	20.0
		25	12	19.6	19.5	19.5	5	20.0	19.7	19.6	19.5	0.7	20.0
		25	25	19.6	19.5	19.6	5	20.0	19.6	19.5	19.6	0.7	20.0
		50	0	19.6	19.5	19.6	5	20.0	19.7	19.6	19.6	0.7	20.0
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	23.7	23.7	23.7	0	25.0	20.2	20.2	20.2	0	20.7
		1	12	23.9	23.7	23.8	0	25.0	20.3	20.2	20.3	0	20.7
		1	24	23.8	23.7	23.8	0	25.0	20.4	20.2	20.3	0	20.7
		12	0	23.6	23.5	23.5	1	24.0	20.3	20.2	20.2	0	20.7
		12	7	23.6	23.5	23.6	1	24.0	20.3	20.2	20.4	0	20.7
		12	13	23.6	23.5	23.6	1	24.0	20.3	20.2	20.3	0	20.7
		25	0	23.5	23.5	23.6	1	24.0	20.2	20.1	20.3	0	20.7
	16QAM	1	0	24.0	23.9	24.0	1	24.0	20.6	20.7	20.6	0	20.7
		1	12	24.0	23.8	24.0	1	24.0	20.6	20.7	20.6	0	20.7
		1	24	24.0	23.9	24.0	1	24.0	20.6	20.7	20.6	0	20.7
		12	0	22.6	22.5	22.5	2	23.0	20.2	20.2	20.2	0	20.7
		12	7	22.6	22.6	22.7	2	23.0	20.3	20.3	20.4	0	20.7
		12	13	22.6	22.5	22.6	2	23.0	20.3	20.3	20.4	0	20.7
		25	0	22.5	22.5	22.6	2	23.0	20.2	20.2	20.3	0	20.7
	64QAM	1	0	22.9	22.8	22.9	2	23.0	20.5	20.5	20.6	0	20.7
		1	12	22.9	22.8	23.0	2	23.0	20.6	20.5	20.7	0	20.7
		1	24	23.0	22.8	22.8	2	23.0	20.6	20.5	20.6	0	20.7
		12	0	21.5	21.6	21.6	3	22.0	20.3	20.3	20.2	0	20.7
		12	7	21.5	21.6	21.7	3	22.0	20.3	20.3	20.4	0	20.7
		12	13	21.6	21.6	21.7	3	22.0	20.3	20.3	20.3	0	20.7
		25	0	21.5	21.5	21.7	3	22.0	20.2	20.2	20.3	0	20.7
	256QAM	1	0	19.7	19.6	19.6	5	20.0	19.6	19.7	19.7	0.7	20.0
		1	12	19.8	19.7	19.8	5	20.0	19.8	19.7	19.9	0.7	20.0
		1	24	19.7	19.6	19.7	5	20.0	19.7	19.7	19.8	0.7	20.0
		12	0	19.5	19.5	19.5	5	20.0	19.6	19.5	19.5	0.7	20.0
		12	7	19.5	19.6	19.7	5	20.0	19.6	19.6	19.6	0.7	20.0
		12	13	19.5	19.6	19.7	5	20.0	19.6	19.6	19.7	0.7	20.0
		25	0	19.5	19.5	19.6	5	20.0	19.6	19.6	19.6	0.7	20.0

LTE Band 7 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	18.1	17.8	17.9	0	19.4	20.7	20.5	20.5	0	22.1
		1	49	18.2	17.7	18.0	0	19.4	20.8	20.4	20.7	0	22.1
		1	99	18.1	17.8	18.1	0	19.4	20.8	20.5	20.8	0	22.1
		50	0	18.2	17.9	18.0	0	19.4	20.8	20.5	20.6	0.4	21.7
		50	24	18.2	17.9	18.1	0	19.4	20.9	20.5	20.7	0.4	21.7
		50	50	18.1	17.9	18.2	0	19.4	20.8	20.6	20.8	0.4	21.7
		100	0	18.2	17.9	18.0	0	19.4	20.9	20.5	20.7	0.4	21.7
	16QAM	1	0	18.3	18.2	18.2	0	19.4	21.0	20.8	20.9	0.4	21.7
		1	49	18.4	18.1	18.3	0	19.4	21.0	20.7	21.0	0.4	21.7
		1	99	18.3	18.2	18.4	0	19.4	20.9	20.9	21.1	0.4	21.7
		50	0	18.1	17.8	17.9	0	19.4	20.2	19.9	20.0	1.4	20.7
		50	24	18.2	17.8	18.0	0	19.4	20.2	19.9	20.1	1.4	20.7
		50	50	18.1	17.8	18.1	0	19.4	20.1	19.9	20.1	1.4	20.7
		100	0	18.1	17.8	17.9	0	19.4	20.2	19.9	20.0	1.4	20.7
	64QAM	1	0	18.2	18.0	18.2	0	19.4	20.4	20.3	20.2	1.4	20.7
		1	49	18.3	18.0	18.3	0	19.4	20.4	20.2	20.3	1.4	20.7
		1	99	18.2	18.0	18.4	0	19.4	20.4	20.3	20.4	1.4	20.7
		50	0	18.2	17.9	18.0	0	19.4	19.2	18.9	19.0	2.4	19.7
		50	24	18.2	17.8	18.0	0	19.4	19.3	18.9	19.1	2.4	19.7
		50	50	18.1	17.8	18.1	0	19.4	19.2	18.9	19.2	2.4	19.7
		100	0	18.2	17.8	18.0	0	19.4	19.3	18.9	19.0	2.4	19.7
	256QAM	1	0	17.3	17.1	17.1	1.7	17.7	17.3	17.1	17.0	4.4	17.7
		1	49	17.4	16.9	17.2	1.7	17.7	17.4	17.0	17.1	4.4	17.7
		1	99	17.3	17.0	17.3	1.7	17.7	17.3	17.1	17.2	4.4	17.7
		50	0	17.2	16.9	17.0	1.7	17.7	17.2	16.9	17.0	4.4	17.7
		50	24	17.3	16.9	17.1	1.7	17.7	17.3	16.9	17.1	4.4	17.7
		50	50	17.2	16.9	17.2	1.7	17.7	17.2	16.9	17.2	4.4	17.7
		100	0	17.3	16.9	17.1	1.7	17.7	17.2	16.9	17.0	4.4	17.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	18.0	17.8	17.9	0	19.4	20.7	20.4	20.6	0	22.1
		1	37	18.1	17.7	18.0	0	19.4	20.7	20.3	20.7	0	22.1
		1	74	18.1	17.8	18.1	0	19.4	20.7	20.4	20.7	0	22.1
		36	0	18.2	17.8	17.9	0	19.4	20.7	20.4	20.6	0.4	21.7
		36	20	18.2	17.8	18.0	0	19.4	20.8	20.4	20.7	0.4	21.7
		36	39	18.1	17.8	18.1	0	19.4	20.7	20.4	20.7	0.4	21.7
		75	0	18.1	17.8	18.0	0	19.4	20.7	20.4	20.7	0.4	21.7
	16QAM	1	0	18.3	18.1	18.3	0	19.4	21.0	20.8	20.9	0.4	21.7
		1	37	18.4	18.0	18.4	0	19.4	21.1	20.7	20.9	0.4	21.7
		1	74	18.3	18.1	18.4	0	19.4	21.1	20.8	21.0	0.4	21.7
		36	0	18.1	17.8	17.9	0	19.4	20.2	19.9	20.1	1.4	20.7
		36	20	18.1	17.8	18.0	0	19.4	20.3	19.9	20.1	1.4	20.7
		36	39	18.1	17.8	18.1	0	19.4	20.2	19.9	20.2	1.4	20.7
		75	0	18.1	17.8	18.0	0	19.4	20.1	19.9	20.1	1.4	20.7
	64QAM	1	0	18.2	18.1	18.1	0	19.4	20.5	20.1	20.2	1.4	20.7
		1	37	18.3	18.0	18.2	0	19.4	20.6	20.1	20.3	1.4	20.7
		1	74	18.2	18.1	18.2	0	19.4	20.5	20.2	20.3	1.4	20.7
		36	0	18.2	17.8	18.0	0	19.4	19.2	18.9	19.1	2.4	19.7
		36	20	18.2	17.8	18.0	0	19.4	19.3	18.9	19.1	2.4	19.7
		36	39	18.1	17.8	18.1	0	19.4	19.2	18.9	19.2	2.4	19.7
		75	0	18.1	17.8	18.1	0	19.4	19.2	18.9	19.2	2.4	19.7
	256QAM	1	0	17.4	17.0	17.1	1.7	17.7	17.3	17.1	17.2	4.4	17.7
		1	37	17.3	17.0	17.2	1.7	17.7	17.4	17.1	17.3	4.4	17.7
		1	74	17.3	17.0	17.2	1.7	17.7	17.2	17.1	17.3	4.4	17.7
		36	0	17.2	16.9	17.1	1.7	17.7	17.2	16.9	17.1	4.4	17.7
		36	20	17.2	16.9	17.1	1.7	17.7	17.3	16.9	17.1	4.4	17.7
		36	39	17.2	16.9	17.2	1.7	17.7	17.3	16.9	17.2	4.4	17.7
		75	0	17.2	16.9	17.2	1.7	17.7	17.2	16.9	17.2	4.4	17.7

LTE Band 7 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	18.1	17.8	18.0	0	19.4	20.7	20.4	20.8	0	22.1
		1	25	18.2	17.8	18.1	0	19.4	20.9	20.4	20.7	0	22.1
		1	49	18.1	17.8	18.1	0	19.4	20.8	20.4	20.8	0	22.1
		25	0	18.2	17.9	18.0	0	19.4	20.8	20.5	20.7	0.4	21.7
		25	12	18.2	17.8	18.1	0	19.4	20.9	20.5	20.7	0.4	21.7
		25	25	18.1	17.9	18.1	0	19.4	20.8	20.5	20.8	0.4	21.7
		50	0	18.2	17.8	18.0	0	19.4	20.8	20.5	20.7	0.4	21.7
	16QAM	1	0	18.2	18.1	18.3	0	19.4	21.1	20.7	20.9	0.4	21.7
		1	25	18.4	18.1	18.5	0	19.4	21.1	20.7	21.0	0.4	21.7
		1	49	18.4	18.1	18.4	0	19.4	21.1	20.8	21.0	0.4	21.7
		25	0	18.2	17.8	18.0	0	19.4	20.2	19.9	20.1	1.4	20.7
		25	12	18.2	17.9	18.0	0	19.4	20.3	19.9	20.1	1.4	20.7
		25	25	18.1	17.8	18.1	0	19.4	20.2	19.9	20.2	1.4	20.7
		50	0	18.2	17.8	18.0	0	19.4	20.3	19.9	20.1	1.4	20.7
	64QAM	1	0	18.2	18.0	18.3	0	19.4	20.5	20.1	20.3	1.4	20.7
		1	25	18.3	18.0	18.4	0	19.4	20.6	20.2	20.4	1.4	20.7
		1	49	18.2	18.0	18.4	0	19.4	20.6	20.1	20.4	1.4	20.7
		25	0	18.2	17.8	18.1	0	19.4	19.3	19.0	19.1	2.4	19.7
		25	12	18.2	17.8	18.1	0	19.4	19.3	19.0	19.1	2.4	19.7
		25	25	18.1	17.8	18.2	0	19.4	19.2	18.9	19.2	2.4	19.7
		50	0	18.2	17.8	18.0	0	19.4	19.3	18.9	19.1	2.4	19.7
	256QAM	1	0	17.3	17.0	17.3	1.7	17.7	17.3	17.0	17.2	4.4	17.7
		1	25	17.4	17.0	17.4	1.7	17.7	17.4	17.1	17.4	4.4	17.7
		1	49	17.3	17.0	17.3	1.7	17.7	17.3	17.0	17.2	4.4	17.7
		25	0	17.3	16.9	17.2	1.7	17.7	17.3	16.9	17.1	4.4	17.7
		25	12	17.3	17.0	17.2	1.7	17.7	17.3	17.0	17.2	4.4	17.7
		25	25	17.2	16.9	17.2	1.7	17.7	17.2	16.9	17.2	4.4	17.7
		50	0	17.3	16.9	17.1	1.7	17.7	17.3	16.9	17.1	4.4	17.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	18.1	17.8	18.1	0	19.4	20.8	20.5	20.8	0	22.1
		1	12	18.3	17.8	18.2	0	19.4	20.9	20.5	20.9	0	22.1
		1	24	18.2	17.8	18.2	0	19.4	20.8	20.5	20.9	0	22.1
		12	0	18.1	17.8	18.1	0	19.4	20.8	20.5	20.7	0.4	21.7
		12	7	18.2	17.9	18.2	0	19.4	20.8	20.5	20.9	0.4	21.7
		12	13	18.2	17.8	18.2	0	19.4	20.8	20.5	20.9	0.4	21.7
		25	0	18.1	17.8	18.1	0	19.4	20.7	20.5	20.8	0.4	21.7
	16QAM	1	0	18.4	18.2	18.4	0	19.4	21.2	20.9	21.1	0.4	21.7
		1	12	18.5	18.3	18.5	0	19.4	21.3	20.9	21.2	0.4	21.7
		1	24	18.5	18.3	18.5	0	19.4	21.3	20.9	21.2	0.4	21.7
		12	0	18.1	17.8	18.0	0	19.4	20.3	19.9	20.1	1.4	20.7
		12	7	18.2	17.9	18.2	0	19.4	20.3	20.0	20.3	1.4	20.7
		12	13	18.1	17.8	18.1	0	19.4	20.3	20.0	20.3	1.4	20.7
		25	0	18.1	17.8	18.1	0	19.4	20.1	19.9	20.2	1.4	20.7
	64QAM	1	0	18.4	18.0	18.4	0	19.4	20.5	20.2	20.6	1.4	20.7
		1	12	18.6	18.1	18.4	0	19.4	20.6	20.2	20.7	1.4	20.7
		1	24	18.5	18.2	18.5	0	19.4	20.6	20.3	20.6	1.4	20.7
		12	0	18.1	17.9	18.1	0	19.4	19.2	18.9	19.2	2.4	19.7
		12	7	18.1	17.9	18.2	0	19.4	19.3	19.0	19.4	2.4	19.7
		12	13	18.1	17.9	18.2	0	19.4	19.3	19.0	19.3	2.4	19.7
		25	0	18.1	17.8	18.2	0	19.4	19.2	19.0	19.3	2.4	19.7
	256QAM	1	0	17.4	17.0	17.2	1.7	17.7	17.3	17.0	17.3	4.4	17.7
		1	12	17.5	17.1	17.4	1.7	17.7	17.4	17.1	17.5	4.4	17.7
		1	24	17.3	17.1	17.4	1.7	17.7	17.4	17.1	17.4	4.4	17.7
		12	0	17.2	16.9	17.2	1.7	17.7	17.3	16.9	17.2	4.4	17.7
		12	7	17.2	17.0	17.3	1.7	17.7	17.3	17.0	17.3	4.4	17.7
		12	13	17.2	16.9	17.3	1.7	17.7	17.3	17.0	17.3	4.4	17.7
		25	0	17.2	16.9	17.2	1.7	17.7	17.2	17.0	17.3	4.4	17.7
		25	0	17.2	16.9	17.2	1.7	17.7	17.2	17.0	17.3	4.4	17.7

LTE Band 12 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)						
					23095		MPR	Tune-up Limit		23095		MPR	Tune-up Limit		
					707.5 MHz					707.5 MHz					
10	QPSK	1	0		24.3		0	25.7		24.3		0	25.7		
		1	25		24.2		0	25.7		24.2		0	25.7		
		1	49		24.2		0	25.7		24.2		0	25.7		
		25	0		24.0		1	24.7		24.0		1	24.7		
		25	12		23.9		1	24.7		23.9		1	24.7		
		25	25		24.0		1	24.7		24.0		1	24.7		
		50	0		23.9		1	24.7		23.9		1	24.7		
	16QAM	1	0		23.9		1	24.7		23.9		1	24.7		
		1	25		24.0		1	24.7		24.0		1	24.7		
		1	49		23.9		1	24.7		23.9		1	24.7		
		25	0		23.7		2	23.7		23.7		2	23.7		
		25	12		23.7		2	23.7		23.7		2	23.7		
		25	25		23.7		2	23.7		23.7		2	23.7		
	64QAM	50	0		23.7		2	23.7		23.7		2	23.7		
		1	0		23.7		2	23.7		23.7		2	23.7		
		1	25		23.7		2	23.7		23.7		2	23.7		
		1	49		23.7		2	23.7		23.7		2	23.7		
		25	0		22.7		3	22.7		22.7		3	22.7		
		25	12		22.7		3	22.7		22.7		3	22.7		
		25	25		22.7		3	22.7		22.7		3	22.7		
	256QAM	50	0		22.7		3	22.7		22.7		3	22.7		
		1	0		19.9		5	20.7		19.9		5	20.7		
		1	25		20.0		5	20.7		20.0		5	20.7		
		1	49		19.9		5	20.7		19.9		5	20.7		
		25	0		19.8		5	20.7		19.8		5	20.7		
		25	12		19.7		5	20.7		19.7		5	20.7		
		25	25		19.9		5	20.7		19.9		5	20.7		
		50	0		19.7		5	20.7		19.7		5	20.7		
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)						
				23035	23095	23155	MPR	Tune-up Limit	23035	23095	23155	MPR	Tune-up Limit		
					701.5 MHz	707.5 MHz				713.5 MHz	701.5 MHz			707.5 MHz	713.5 MHz
5	QPSK	1	0		24.0	24.0	24.0	0	25.7		24.0	24.0	24.0	0	25.7
		1	12		24.0	24.0	24.0	0	25.7		24.0	24.0	24.0	0	25.7
		1	24		23.9	23.9	23.9	0	25.7		23.9	23.9	23.9	0	25.7
		12	0		23.8	23.7	23.7	1	24.7		23.8	23.7	23.7	1	24.7
		12	7		23.8	23.7	23.7	1	24.7		23.8	23.7	23.7	1	24.7
		12	13		23.8	23.8	23.8	1	24.7		23.8	23.8	23.8	1	24.7
		25	0		23.8	23.7	23.7	1	24.7		23.8	23.7	23.7	1	24.7
	16QAM	1	0		23.9	24.0	23.8	1	24.7		23.9	24.0	23.8	1	24.7
		1	12		24.0	24.0	23.9	1	24.7		24.0	24.0	23.9	1	24.7
		1	24		23.9	23.9	23.9	1	24.7		23.9	23.9	23.9	1	24.7
		12	0		22.7	22.8	22.7	2	23.7		22.7	22.8	22.7	2	23.7
		12	7		22.8	22.8	22.7	2	23.7		22.8	22.8	22.7	2	23.7
		12	13		22.8	22.9	22.8	2	23.7		22.8	22.9	22.8	2	23.7
	64QAM	25	0		22.8	22.7	22.7	2	23.7		22.8	22.7	22.7	2	23.7
		1	0		23.0	22.9	22.9	2	23.7		23.0	22.9	22.9	2	23.7
		1	12		23.1	22.9	22.9	2	23.7		23.1	22.9	22.9	2	23.7
		1	24		23.1	22.8	22.8	2	23.7		23.1	22.8	22.8	2	23.7
		12	0		21.9	21.7	21.7	3	22.7		21.9	21.7	21.7	3	22.7
		12	7		21.9	21.7	21.8	3	22.7		21.9	21.7	21.8	3	22.7
		12	13		21.8	21.7	21.7	3	22.7		21.8	21.7	21.7	3	22.7
	256QAM	25	0		21.8	21.7	21.7	3	22.7		21.8	21.7	21.7	3	22.7
		1	0		19.8	19.8	19.7	5	20.7		19.8	19.8	19.7	5	20.7
		1	12		19.9	19.9	19.8	5	20.7		19.9	19.9	19.8	5	20.7
		1	24		19.9	19.7	19.7	5	20.7		19.9	19.7	19.7	5	20.7
		12	0		19.8	19.7	19.6	5	20.7		19.8	19.7	19.6	5	20.7
		12	7		19.8	19.7	19.7	5	20.7		19.8	19.7	19.7	5	20.7
		12	13		19.8	19.7	19.7	5	20.7		19.8	19.7	19.7	5	20.7

LTE Band 12 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23025	23095	23165	MPR	Tune-up Limit	23025	23095	23165	MPR	Tune-up Limit
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	24.0	24.0	23.9	0	25.7	24.0	24.0	23.9	0	25.7
		1	8	24.0	24.1	24.0	0	25.7	24.0	24.1	24.0	0	25.7
		1	14	24.0	24.0	23.8	0	25.7	24.0	24.0	23.8	0	25.7
		8	0	23.9	23.7	23.6	1	24.7	23.9	23.7	23.6	1	24.7
		8	4	23.8	23.7	23.7	1	24.7	23.8	23.7	23.7	1	24.7
		8	7	23.8	23.8	23.7	1	24.7	23.8	23.8	23.7	1	24.7
		15	0	23.8	23.7	23.7	1	24.7	23.8	23.7	23.7	1	24.7
	16QAM	1	0	23.9	23.9	23.8	1	24.7	23.9	23.9	23.8	1	24.7
		1	8	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		1	14	23.9	23.8	23.8	1	24.7	23.9	23.8	23.8	1	24.7
		8	0	22.8	22.8	22.7	2	23.7	22.8	22.8	22.7	2	23.7
		8	4	22.8	22.8	22.8	2	23.7	22.8	22.8	22.8	2	23.7
		8	7	22.9	22.8	22.7	2	23.7	22.9	22.8	22.7	2	23.7
		15	0	22.8	22.7	22.7	2	23.7	22.8	22.7	22.7	2	23.7
	64QAM	1	0	23.1	23.0	22.8	2	23.7	23.1	23.0	22.8	2	23.7
		1	8	23.1	22.9	22.9	2	23.7	23.1	22.9	22.9	2	23.7
		1	14	23.0	22.9	22.8	2	23.7	23.0	22.9	22.8	2	23.7
		8	0	21.9	21.8	21.6	3	22.7	21.9	21.8	21.6	3	22.7
		8	4	21.9	21.8	21.7	3	22.7	21.9	21.8	21.7	3	22.7
		8	7	21.8	21.7	21.7	3	22.7	21.8	21.7	21.7	3	22.7
		15	0	21.8	21.7	21.6	3	22.7	21.8	21.7	21.6	3	22.7
	256QAM	1	0	19.8	19.8	19.7	5	20.7	19.8	19.8	19.7	5	20.7
		1	8	20.0	19.8	19.9	5	20.7	20.0	19.8	19.9	5	20.7
		1	14	19.8	19.8	19.8	5	20.7	19.8	19.8	19.8	5	20.7
		8	0	19.8	19.7	19.7	5	20.7	19.8	19.7	19.7	5	20.7
		8	4	19.8	19.8	19.7	5	20.7	19.8	19.8	19.7	5	20.7
		8	7	19.8	19.8	19.7	5	20.7	19.8	19.8	19.7	5	20.7
		15	0	19.8	19.7	19.7	5	20.7	19.8	19.7	19.7	5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23017	23095	23173	MPR	Tune-up Limit	23017	23095	23173	MPR	Tune-up Limit
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	23.8	23.9	23.9	0	25.7	23.8	23.9	23.9	0	25.7
		1	3	23.8	23.9	23.9	0	25.7	23.8	23.9	23.9	0	25.7
		1	5	23.7	23.9	23.8	0	25.7	23.7	23.9	23.8	0	25.7
		3	0	23.9	23.9	23.8	0	25.7	23.9	23.9	23.8	0	25.7
		3	1	23.9	23.9	23.9	0	25.7	23.9	23.9	23.9	0	25.7
		3	3	23.9	23.9	23.9	0	25.7	23.9	23.9	23.9	0	25.7
		6	0	23.8	23.7	23.7	1	24.7	23.8	23.7	23.7	1	24.7
	16QAM	1	0	23.9	23.9	23.9	1	24.7	23.9	23.9	23.9	1	24.7
		1	3	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		1	5	23.9	24.0	23.9	1	24.7	23.9	24.0	23.9	1	24.7
		3	0	23.9	23.9	23.8	1	24.7	23.9	23.9	23.8	1	24.7
		3	1	23.9	23.9	23.8	1	24.7	23.9	23.9	23.8	1	24.7
		3	3	23.8	23.9	23.8	1	24.7	23.8	23.9	23.8	1	24.7
		6	0	22.8	22.8	22.8	2	23.7	22.8	22.8	22.8	2	23.7
	64QAM	1	0	23.0	22.8	22.8	2	23.7	23.0	22.8	22.8	2	23.7
		1	3	23.1	22.9	22.9	2	23.7	23.1	22.9	22.9	2	23.7
		1	5	23.0	22.9	22.8	2	23.7	23.0	22.9	22.8	2	23.7
		3	0	22.9	22.8	22.7	2	23.7	22.9	22.8	22.7	2	23.7
		3	1	22.9	22.7	22.7	2	23.7	22.9	22.7	22.7	2	23.7
		3	3	22.8	22.7	22.8	2	23.7	22.8	22.7	22.8	2	23.7
		6	0	21.7	21.6	21.6	3	22.7	21.7	21.6	21.6	3	22.7
	256QAM	1	0	19.9	19.9	19.8	5	20.7	19.9	19.9	19.8	5	20.7
		1	3	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	5	20.7
		1	5	20.0	19.7	19.8	5	20.7	20.0	19.7	19.8	5	20.7
		3	0	19.8	19.8	19.7	5	20.7	19.8	19.8	19.7	5	20.7
		3	1	19.9	19.8	19.8	5	20.7	19.9	19.8	19.8	5	20.7
		3	3	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		6	0	19.7	19.7	19.6	5	20.7	19.7	19.7	19.6	5	20.7

LTE Band 12 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
					23095		MPR	Tune-up Limit		23095		MPR	Tune-up Limit
					707.5 MHz					707.5 MHz			
10	QPSK	1	0		23.7		0	25.2		23.7		0	25.2
		1	25		23.7		0	25.2		23.7		0	25.2
		1	49		23.7		0	25.2		23.7		0	25.2
		25	0		23.5		1	24.2		23.5		1	24.2
		25	12		23.5		1	24.2		23.5		1	24.2
		25	25		23.5		1	24.2		23.5		1	24.2
		50	0		23.5		1	24.2		23.5		1	24.2
	16QAM	1	0		23.6		1	24.2		23.6		1	24.2
		1	25		23.5		1	24.2		23.5		1	24.2
		1	49		23.4		1	24.2		23.4		1	24.2
		25	0		22.3		2	23.2		22.3		2	23.2
		25	12		22.3		2	23.2		22.3		2	23.2
		25	25		22.2		2	23.2		22.2		2	23.2
		50	0		22.3		2	23.2		22.3		2	23.2
	64QAM	1	0		22.6		2	23.2		22.6		2	23.2
		1	25		22.5		2	23.2		22.5		2	23.2
		1	49		22.4		2	23.2		22.4		2	23.2
		25	0		21.4		3	22.2		21.4		3	22.2
		25	12		21.4		3	22.2		21.4		3	22.2
		25	25		21.2		3	22.2		21.2		3	22.2
		50	0		21.3		3	22.2		21.3		3	22.2
	256QAM	1	0		19.5		5	20.2		19.5		5	20.2
		1	25		19.6		5	20.2		19.6		5	20.2
		1	49		19.5		5	20.2		19.5		5	20.2
		25	0		19.3		5	20.2		19.3		5	20.2
		25	12		19.3		5	20.2		19.3		5	20.2
		25	25		19.4		5	20.2		19.4		5	20.2
		50	0		19.3		5	20.2		19.3		5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					23035	23095	23155	MPR	Tune-up Limit		23035	23095	23155
					701.5 MHz	707.5 MHz	713.5 MHz				701.5 MHz	707.5 MHz	713.5 MHz
5	QPSK	1	0		24.4	24.4	24.4	0	25.2		24.4	24.4	24.4
		1	12		24.5	24.3	24.4	0	25.2		24.5	24.3	24.4
		1	24		24.3	24.3	24.4	0	25.2		24.3	24.3	24.4
		12	0		23.5	23.3	23.3	1	24.2		23.5	23.3	23.3
		12	7		23.4	23.3	23.3	1	24.2		23.4	23.3	23.3
		12	13		23.3	23.3	23.3	1	24.2		23.3	23.3	23.3
		25	0		23.3	23.2	23.3	1	24.2		23.3	23.2	23.3
	16QAM	1	0		23.6	23.5	23.5	1	24.2		23.6	23.5	23.5
		1	12		23.6	23.5	23.5	1	24.2		23.6	23.5	23.5
		1	24		23.5	23.4	23.4	1	24.2		23.5	23.4	23.4
		12	0		22.4	22.3	22.3	2	23.2		22.4	22.3	22.3
		12	7		22.3	22.3	22.3	2	23.2		22.3	22.3	22.3
		12	13		22.3	22.2	22.2	2	23.2		22.3	22.2	22.2
		25	0		22.3	22.3	22.3	2	23.2		22.3	22.3	22.3
	64QAM	1	0		22.7	22.5	22.5	2	23.2		22.7	22.5	22.5
		1	12		22.7	22.5	22.5	2	23.2		22.7	22.5	22.5
		1	24		22.6	22.4	22.4	2	23.2		22.6	22.4	22.4
		12	0		21.5	21.3	21.3	3	22.2		21.5	21.3	21.3
		12	7		21.3	21.3	21.3	3	22.2		21.3	21.3	21.3
		12	13		21.3	21.3	21.3	3	22.2		21.3	21.3	21.3
		25	0		21.3	21.3	21.3	3	22.2		21.3	21.3	21.3
	256QAM	1	0		19.7	19.5	19.5	5	20.2		19.7	19.5	19.5
		1	12		19.7	19.6	19.6	5	20.2		19.7	19.6	19.6
		1	24		19.5	19.5	19.5	5	20.2		19.5	19.5	19.5
		12	0		19.5	19.4	19.3	5	20.2		19.5	19.4	19.3
		12	7		19.4	19.4	19.3	5	20.2		19.4	19.4	19.3
		12	13		19.4	19.3	19.4	5	20.2		19.4	19.3	19.4
		25	0		19.4	19.3	19.3	5	20.2		19.4	19.3	19.3

LTE Band 12 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23025	23095	23165	MPR	Tune-up Limit	23025	23095	23165	MPR	Tune-up Limit
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	24.3	24.2	24.4	0	25.2	24.3	24.2	24.4	0	25.2
		1	8	24.4	24.3	24.5	0	25.2	24.4	24.3	24.5	0	25.2
		1	14	24.3	24.2	24.3	0	25.2	24.3	24.2	24.3	0	25.2
		8	0	23.3	23.2	23.4	1	24.2	23.3	23.2	23.4	1	24.2
		8	4	23.3	23.3	23.4	1	24.2	23.3	23.3	23.4	1	24.2
		8	7	23.4	23.2	23.3	1	24.2	23.4	23.2	23.3	1	24.2
		15	0	23.3	23.2	23.3	1	24.2	23.3	23.2	23.3	1	24.2
	16QAM	1	0	23.7	23.6	23.7	1	24.2	23.7	23.6	23.7	1	24.2
		1	8	23.7	23.7	23.8	1	24.2	23.7	23.7	23.8	1	24.2
		1	14	23.5	23.5	23.7	1	24.2	23.5	23.5	23.7	1	24.2
		8	0	22.5	22.5	22.5	2	23.2	22.5	22.5	22.5	2	23.2
		8	4	22.5	22.5	22.6	2	23.2	22.5	22.5	22.6	2	23.2
		8	7	22.4	22.5	22.7	2	23.2	22.4	22.5	22.7	2	23.2
		15	0	22.4	22.5	22.5	2	23.2	22.4	22.5	22.5	2	23.2
	64QAM	1	0	22.8	22.7	22.8	2	23.2	22.8	22.7	22.8	2	23.2
		1	8	23.0	22.8	22.9	2	23.2	23.0	22.8	22.9	2	23.2
		1	14	22.7	22.6	22.8	2	23.2	22.7	22.6	22.8	2	23.2
		8	0	21.7	21.5	21.6	3	22.2	21.7	21.5	21.6	3	22.2
		8	4	21.7	21.5	21.6	3	22.2	21.7	21.5	21.6	3	22.2
		8	7	21.6	21.5	21.7	3	22.2	21.6	21.5	21.7	3	22.2
		15	0	21.6	21.5	21.5	3	22.2	21.6	21.5	21.5	3	22.2
	256QAM	1	0	19.5	19.5	19.4	5	20.2	19.5	19.5	19.4	5	20.2
		1	8	19.6	19.5	19.6	5	20.2	19.6	19.5	19.6	5	20.2
		1	14	19.3	19.3	19.5	5	20.2	19.3	19.3	19.5	5	20.2
		8	0	19.5	19.3	19.4	5	20.2	19.5	19.3	19.4	5	20.2
		8	4	19.5	19.3	19.4	5	20.2	19.5	19.3	19.4	5	20.2
		8	7	19.4	19.3	19.4	5	20.2	19.4	19.3	19.4	5	20.2
		15	0	19.3	19.3	19.3	5	20.2	19.3	19.3	19.3	5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23017	23095	23173	MPR	Tune-up Limit	23017	23095	23173	MPR	Tune-up Limit
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	23.7	23.6	23.7	0	25.2	23.7	23.6	23.7	0	25.2
		1	3	23.7	23.6	23.7	0	25.2	23.7	23.6	23.7	0	25.2
		1	5	23.7	23.6	23.7	0	25.2	23.7	23.6	23.7	0	25.2
		3	0	23.8	23.5	23.6	0	25.2	23.8	23.5	23.6	0	25.2
		3	1	23.8	23.5	23.6	0	25.2	23.8	23.5	23.6	0	25.2
		3	3	23.7	23.5	23.7	0	25.2	23.7	23.5	23.7	0	25.2
		6	0	23.5	23.4	23.4	1	24.2	23.5	23.4	23.4	1	24.2
	16QAM	1	0	23.7	23.6	23.6	1	24.2	23.7	23.6	23.6	1	24.2
		1	3	23.8	23.5	23.6	1	24.2	23.8	23.5	23.6	1	24.2
		1	5	23.7	23.5	23.6	1	24.2	23.7	23.5	23.6	1	24.2
		3	0	23.8	23.4	23.6	1	24.2	23.8	23.4	23.6	1	24.2
		3	1	23.7	23.4	23.6	1	24.2	23.7	23.4	23.6	1	24.2
		3	3	23.7	23.5	23.7	1	24.2	23.7	23.5	23.7	1	24.2
		6	0	22.5	22.4	22.5	2	23.2	22.5	22.4	22.5	2	23.2
	64QAM	1	0	23.0	22.8	22.8	2	23.2	23.0	22.8	22.8	2	23.2
		1	3	23.1	22.8	23.0	2	23.2	23.1	22.8	23.0	2	23.2
		1	5	22.9	22.7	22.7	2	23.2	22.9	22.7	22.7	2	23.2
		3	0	22.9	22.6	22.7	2	23.2	22.9	22.6	22.7	2	23.2
		3	1	22.8	22.6	22.7	2	23.2	22.8	22.6	22.7	2	23.2
		3	3	22.9	22.6	22.8	2	23.2	22.9	22.6	22.8	2	23.2
		6	0	21.6	21.5	21.5	3	22.2	21.6	21.5	21.5	3	22.2
	256QAM	1	0	19.7	19.6	19.8	5	20.2	19.7	19.6	19.8	5	20.2
		1	3	19.9	19.6	19.9	5	20.2	19.9	19.6	19.9	5	20.2
		1	5	19.6	19.7	19.9	5	20.2	19.6	19.7	19.9	5	20.2
		3	0	19.8	19.5	19.6	5	20.2	19.8	19.5	19.6	5	20.2
		3	1	19.7	19.5	19.6	5	20.2	19.7	19.5	19.6	5	20.2
		3	3	19.8	19.5	19.7	5	20.2	19.8	19.5	19.7	5	20.2
		6	0	19.5	19.4	19.5	5	20.2	19.5	19.4	19.5	5	20.2

LTE Band 13 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23230	MFR	Tune-up Limit		23230	MFR	Tune-up Limit	
				782 MHz				782 MHz			
10	QPSK	1	0	24.4	0	25.7		24.4	0	25.7	
		1	25	24.3	0	25.7		24.3	0	25.7	
		1	49	24.2	0	25.7		24.2	0	25.7	
		25	0	24.0	1	24.7		24.0	1	24.7	
		25	12	24.0	1	24.7		24.0	1	24.7	
		25	25	23.9	1	24.7		23.9	1	24.7	
		50	0	24.0	1	24.7		24.0	1	24.7	
	16QAM	1	0	24.2	1	24.7		24.2	1	24.7	
		1	25	24.2	1	24.7		24.2	1	24.7	
		1	49	24.2	1	24.7		24.2	1	24.7	
		25	0	22.9	2	23.7		22.9	2	23.7	
		25	12	23.0	2	23.7		23.0	2	23.7	
		25	25	22.9	2	23.7		22.9	2	23.7	
		50	0	22.9	2	23.7		22.9	2	23.7	
	64QAM	1	0	23.1	2	23.7		23.1	2	23.7	
		1	25	23.2	2	23.7		23.2	2	23.7	
		1	49	23.2	2	23.7		23.2	2	23.7	
		25	0	21.9	3	22.7		21.9	3	22.7	
		25	12	21.9	3	22.7		21.9	3	22.7	
		25	25	21.9	3	22.7		21.9	3	22.7	
		50	0	21.9	3	22.7		21.9	3	22.7	
	256QAM	1	0	20.1	5	20.7		20.1	5	20.7	
		1	25	20.2	5	20.7		20.2	5	20.7	
		1	49	19.9	5	20.7		19.9	5	20.7	
		25	0	19.9	5	20.7		19.9	5	20.7	
		25	12	20.0	5	20.7		20.0	5	20.7	
		25	25	19.9	5	20.7		19.9	5	20.7	
		50	0	20.0	5	20.7		20.0	5	20.7	
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23230	MFR	Tune-up Limit		23230	MFR	Tune-up Limit	
				782 MHz				782 MHz			
5	QPSK	1	0	24.1	0	25.7		24.1	0	25.7	
		1	12	24.2	0	25.7		24.2	0	25.7	
		1	24	24.1	0	25.7		24.1	0	25.7	
		12	0	23.9	1	24.7		23.9	1	24.7	
		12	7	23.9	1	24.7		23.9	1	24.7	
		12	13	23.9	1	24.7		23.9	1	24.7	
		25	0	23.9	1	24.7		23.9	1	24.7	
	16QAM	1	0	24.1	1	24.7		24.1	1	24.7	
		1	12	24.1	1	24.7		24.1	1	24.7	
		1	24	24.1	1	24.7		24.1	1	24.7	
		12	0	22.9	2	23.7		22.9	2	23.7	
		12	7	23.0	2	23.7		23.0	2	23.7	
		12	13	22.9	2	23.7		22.9	2	23.7	
		25	0	22.9	2	23.7		22.9	2	23.7	
	64QAM	1	0	23.7	2	23.7		23.7	2	23.7	
		1	12	23.2	2	23.7		23.2	2	23.7	
		1	24	23.3	2	23.7		23.3	2	23.7	
		12	0	22.7	3	22.7		22.7	3	22.7	
		12	7	22.7	3	22.7		22.7	3	22.7	
		12	13	22.7	3	22.7		22.7	3	22.7	
		25	0	22.0	3	22.7		22.0	3	22.7	
	256QAM	1	0	20.0	5	20.7		20.0	5	20.7	
		1	12	20.1	5	20.7		20.1	5	20.7	
		1	24	20.1	5	20.7		20.1	5	20.7	
		12	0	19.9	5	20.7		19.9	5	20.7	
		12	7	19.9	5	20.7		19.9	5	20.7	
		12	13	20.0	5	20.7		20.0	5	20.7	
		25	0	19.9	5	20.7		19.9	5	20.7	

LTE Band 13 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
					23230		MPR	Tune-up Limit		23230		MPR	Tune-up Limit
					782 MHz					782 MHz			
10	QPSK	1	0		23.6		0	25.2		23.6		0	25.2
		1	25		23.7		0	25.2		23.7		0	25.2
		1	49		23.6		0	25.2		23.6		0	25.2
		25	0		23.5		1	24.2		23.5		1	24.2
		25	12		23.4		1	24.2		23.4		1	24.2
		25	25		23.4		1	24.2		23.4		1	24.2
		50	0		23.4		1	24.2		23.4		1	24.2
	16QAM	1	0		23.5		1	24.2		23.5		1	24.2
		1	25		23.5		1	24.2		23.5		1	24.2
		1	49		23.3		1	24.2		23.3		1	24.2
		25	0		22.2		2	23.2		22.2		2	23.2
		25	12		22.2		2	23.2		22.2		2	23.2
		25	25		22.2		2	23.2		22.2		2	23.2
	64QAM	50	0		22.3		2	23.2		22.3		2	23.2
		1	0		22.5		2	23.2		22.5		2	23.2
		1	25		22.6		2	23.2		22.6		2	23.2
		1	49		22.4		2	23.2		22.4		2	23.2
		25	0		21.3		3	22.2		21.3		3	22.2
		25	12		21.3		3	22.2		21.3		3	22.2
	256QAM	25	25		21.3		3	22.2		21.3		3	22.2
		50	0		21.3		3	22.2		21.3		3	22.2
		1	0		19.4		5	20.2		19.4		5	20.2
		1	25		19.6		5	20.2		19.6		5	20.2
		1	49		19.3		5	20.2		19.3		5	20.2
		25	0		19.3		5	20.2		19.3		5	20.2
		25	12		19.3		5	20.2		19.3		5	20.2
		25	25		19.3		5	20.2		19.3		5	20.2
		50	0		19.3		5	20.2		19.3		5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					23230		MPR	Tune-up Limit		23230		MPR	Tune-up Limit
					782 MHz					782 MHz			
5	QPSK	1	0		23.5		0	25.2		23.5		0	25.2
		1	12		23.5		0	25.2		23.5		0	25.2
		1	24		23.5		0	25.2		23.5		0	25.2
		12	0		23.3		1	24.2		23.3		1	24.2
		12	7		23.3		1	24.2		23.3		1	24.2
		12	13		23.2		1	24.2		23.2		1	24.2
		25	0		23.2		1	24.2		23.2		1	24.2
	16QAM	1	0		23.5		1	24.2		23.5		1	24.2
		1	12		23.5		1	24.2		23.5		1	24.2
		1	24		23.4		1	24.2		23.4		1	24.2
		12	0		22.3		2	23.2		22.3		2	23.2
		12	7		22.3		2	23.2		22.3		2	23.2
		12	13		22.2		2	23.2		22.2		2	23.2
	64QAM	25	0		22.2		2	23.2		22.2		2	23.2
		1	0		22.6		2	23.2		22.6		2	23.2
		1	12		22.6		2	23.2		22.6		2	23.2
		1	24		22.4		2	23.2		22.4		2	23.2
		12	0		21.3		3	22.2		21.3		3	22.2
		12	7		21.3		3	22.2		21.3		3	22.2
	256QAM	12	13		21.2		3	22.2		21.2		3	22.2
		25	0		21.2		3	22.2		21.2		3	22.2
		1	0		19.3		5	20.2		19.3		5	20.2
		1	12		19.5		5	20.2		19.5		5	20.2
		1	24		19.3		5	20.2		19.3		5	20.2
		12	0		19.3		5	20.2		19.3		5	20.2
		12	7		19.3		5	20.2		19.3		5	20.2
	25	0		19.3		5	20.2		19.3		5	20.2	
	25	0		19.2		5	20.2		19.2		5	20.2	

LTE Band 14 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23330	MPR	Tune-up Limit	793 MHz	23330	MPR	Tune-up Limit	793 MHz
				793 MHz				793 MHz			
10	QPSK	1	0	24.1	0	25.7	24.1	24.1	0	25.7	24.1
		1	25	24.2	0	25.7	24.2	24.2	0	25.7	24.2
		1	49	24.1	0	25.7	24.1	24.1	0	25.7	24.1
		25	0	23.9	1	24.7	23.9	23.9	1	24.7	23.9
		25	12	24.0	1	24.7	24.0	24.0	1	24.7	24.0
		25	25	23.9	1	24.7	23.9	23.9	1	24.7	23.9
		50	0	23.9	1	24.7	23.9	23.9	1	24.7	23.9
	16QAM	1	0	24.0	1	24.7	24.0	24.0	1	24.7	24.0
		1	25	24.0	1	24.7	24.0	24.0	1	24.7	24.0
		1	49	24.0	1	24.7	24.0	24.0	1	24.7	24.0
		25	0	22.9	2	23.7	22.9	22.9	2	23.7	22.9
		25	12	22.9	2	23.7	22.9	22.9	2	23.7	22.9
		25	25	22.9	2	23.7	22.9	22.9	2	23.7	22.9
		50	0	22.9	2	23.7	22.9	22.9	2	23.7	22.9
	64QAM	1	0	23.0	2	23.7	23.0	23.0	2	23.7	23.0
		1	25	23.0	2	23.7	23.0	23.0	2	23.7	23.0
		1	49	23.0	2	23.7	23.0	23.0	2	23.7	23.0
		25	0	22.0	3	22.7	22.0	22.0	3	22.7	22.0
		25	12	21.9	3	22.7	21.9	21.9	3	22.7	21.9
		25	25	21.9	3	22.7	21.9	21.9	3	22.7	21.9
		50	0	21.9	3	22.7	21.9	21.9	3	22.7	21.9
	256QAM	1	0	19.9	5	20.7	19.9	19.9	5	20.7	19.9
		1	25	20.0	5	20.7	20.0	20.0	5	20.7	20.0
		1	49	19.9	5	20.7	19.9	19.9	5	20.7	19.9
		25	0	19.8	5	20.7	19.8	19.8	5	20.7	19.8
		25	12	19.8	5	20.7	19.8	19.8	5	20.7	19.8
		25	25	19.8	5	20.7	19.8	19.8	5	20.7	19.8
		50	0	19.8	5	20.7	19.8	19.8	5	20.7	19.8
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23330	MPR	Tune-up Limit	793 MHz	23330	MPR	Tune-up Limit	793 MHz
				793 MHz				793 MHz			
5	QPSK	1	0	24.1	0	25.7	24.1	24.1	0	25.7	24.1
		1	12	24.1	0	25.7	24.1	24.1	0	25.7	24.1
		1	24	24.0	0	25.7	24.0	24.0	0	25.7	24.0
		12	0	23.8	1	24.7	23.8	23.8	1	24.7	23.8
		12	7	23.9	1	24.7	23.9	23.9	1	24.7	23.9
		12	13	23.8	1	24.7	23.8	23.8	1	24.7	23.8
		25	0	23.8	1	24.7	23.8	23.8	1	24.7	23.8
	16QAM	1	0	24.1	1	24.7	24.1	24.1	1	24.7	24.1
		1	12	24.0	1	24.7	24.0	24.0	1	24.7	24.0
		1	24	24.0	1	24.7	24.0	24.0	1	24.7	24.0
		12	0	22.9	2	23.7	22.9	22.9	2	23.7	22.9
		12	7	22.9	2	23.7	22.9	22.9	2	23.7	22.9
		12	13	22.9	2	23.7	22.9	22.9	2	23.7	22.9
		25	0	22.8	2	23.7	22.8	22.8	2	23.7	22.8
	64QAM	1	0	23.2	2	23.7	23.2	23.2	2	23.7	23.2
		1	12	23.1	2	23.7	23.1	23.1	2	23.7	23.1
		1	24	23.1	2	23.7	23.1	23.1	2	23.7	23.1
		12	0	21.9	3	22.7	21.9	21.9	3	22.7	21.9
		12	7	21.9	3	22.7	21.9	21.9	3	22.7	21.9
		12	13	21.8	3	22.7	21.8	21.8	3	22.7	21.8
		25	0	21.8	3	22.7	21.8	21.8	3	22.7	21.8
	256QAM	1	0	20.0	5	20.7	20.0	20.0	5	20.7	20.0
		1	12	20.0	5	20.7	20.0	20.0	5	20.7	20.0
		1	24	19.9	5	20.7	19.9	19.9	5	20.7	19.9
		12	0	19.8	5	20.7	19.8	19.8	5	20.7	19.8
		12	7	19.9	5	20.7	19.9	19.9	5	20.7	19.9
		12	13	19.8	5	20.7	19.8	19.8	5	20.7	19.8
		25	0	19.8	5	20.7	19.8	19.8	5	20.7	19.8

LTE Band 14 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23330	MPR	Tune-up Limit		23330	MPR	Tune-up Limit	
				793 MHz				793 MHz			
10	QPSK	1	0	23.7	0	25.2		23.7	0	25.2	
		1	25	23.6	0	25.2		23.6	0	25.2	
		1	49	23.6	0	25.2		23.6	0	25.2	
		25	0	23.5	1	24.2		23.5	1	24.2	
		25	12	23.5	1	24.2		23.5	1	24.2	
		25	25	23.4	1	24.2		23.4	1	24.2	
		50	0	23.4	1	24.2		23.4	1	24.2	
	16QAM	1	0	23.5	1	24.2		23.5	1	24.2	
		1	25	23.6	1	24.2		23.6	1	24.2	
		1	49	23.5	1	24.2		23.5	1	24.2	
		25	0	22.3	2	23.2		22.3	2	23.2	
		25	12	22.3	2	23.2		22.3	2	23.2	
		25	25	22.4	2	23.2		22.4	2	23.2	
		50	0	22.3	2	23.2		22.3	2	23.2	
	64QAM	1	0	22.5	2	23.2		22.5	2	23.2	
		1	25	22.6	2	23.2		22.6	2	23.2	
		1	49	22.5	2	23.2		22.5	2	23.2	
		25	0	21.3	3	22.2		21.3	3	22.2	
		25	12	21.3	3	22.2		21.3	3	22.2	
		25	25	21.4	3	22.2		21.4	3	22.2	
	256QAM	50	0	21.3	3	22.2		21.3	3	22.2	
		1	0	19.4	5	20.2		19.4	5	20.2	
		1	25	19.5	5	20.2		19.5	5	20.2	
		1	49	19.4	5	20.2		19.4	5	20.2	
		25	0	19.3	5	20.2		19.3	5	20.2	
		25	12	19.3	5	20.2		19.3	5	20.2	
		25	25	19.4	5	20.2		19.4	5	20.2	
		50	0	19.3	5	20.2		19.3	5	20.2	
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23330	MPR	Tune-up Limit		23330	MPR	Tune-up Limit	
				793 MHz				793 MHz			
5	QPSK	1	0	23.6	0	25.2		23.6	0	25.2	
		1	12	23.6	0	25.2		23.6	0	25.2	
		1	24	23.6	0	25.2		23.6	0	25.2	
		12	0	23.3	1	24.2		23.3	1	24.2	
		12	7	23.3	1	24.2		23.3	1	24.2	
		12	13	23.4	1	24.2		23.4	1	24.2	
		25	0	23.3	1	24.2		23.3	1	24.2	
	16QAM	1	0	23.6	1	24.2		23.6	1	24.2	
		1	12	23.6	1	24.2		23.6	1	24.2	
		1	24	23.5	1	24.2		23.5	1	24.2	
		12	0	22.3	2	23.2		22.3	2	23.2	
		12	7	22.4	2	23.2		22.4	2	23.2	
		12	13	22.4	2	23.2		22.4	2	23.2	
	64QAM	25	0	22.3	2	23.2		22.3	2	23.2	
		1	0	22.6	2	23.2		22.6	2	23.2	
		1	12	22.6	2	23.2		22.6	2	23.2	
		1	24	22.6	2	23.2		22.6	2	23.2	
		12	0	21.3	3	22.2		21.3	3	22.2	
		12	7	21.4	3	22.2		21.4	3	22.2	
	256QAM	12	13	21.4	3	22.2		21.4	3	22.2	
		25	0	21.3	3	22.2		21.3	3	22.2	
		1	0	19.4	5	20.2		19.4	5	20.2	
		1	12	19.6	5	20.2		19.6	5	20.2	
		1	24	19.5	5	20.2		19.5	5	20.2	
		12	0	19.4	5	20.2		19.4	5	20.2	
		12	7	19.4	5	20.2		19.4	5	20.2	
		12	13	19.4	5	20.2		19.4	5	20.2	
		25	0	19.3	5	20.2		19.3	5	20.2	

LTE Band 25 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	24.2	24.1	24.1	0	25.7	20.8	20.6	20.6	0	22.3
		1	49	24.1	24.0	24.0	0	25.7	20.7	20.6	20.5	0	22.3
		1	99	24.1	23.9	24.1	0	25.7	20.7	20.6	20.6	0	22.3
		50	0	24.0	23.8	23.8	1	24.7	20.8	20.6	20.5	0	22.3
		50	24	24.1	23.8	23.9	1	24.7	20.8	20.6	20.6	0	22.3
		50	50	23.9	23.8	23.9	1	24.7	20.7	20.6	20.7	0	22.3
		100	0	24.0	23.8	23.8	1	24.7	20.7	20.6	20.6	0	22.3
	16QAM	1	0	24.1	23.9	24.0	1	24.7	20.8	20.6	20.5	0	22.3
		1	49	24.1	23.9	24.0	1	24.7	20.8	20.6	20.5	0	22.3
		1	99	24.0	23.9	24.0	1	24.7	20.8	20.6	20.6	0	22.3
		50	0	23.0	22.8	22.7	2	23.7	20.7	20.5	20.4	0	22.3
		50	24	23.0	22.8	22.8	2	23.7	20.6	20.5	20.5	0	22.3
		50	50	22.8	22.8	22.8	2	23.7	20.6	20.5	20.6	0	22.3
		100	0	22.9	22.8	22.7	2	23.7	20.6	20.5	20.5	0	22.3
	64QAM	1	0	23.0	23.1	22.9	2	23.7	21.0	20.6	20.6	0	22.3
		1	49	23.0	23.1	23.1	2	23.7	21.1	20.6	20.6	0	22.3
		1	99	23.0	23.1	23.1	2	23.7	21.0	20.5	20.7	0	22.3
		50	0	21.8	21.8	21.7	3	22.7	20.7	20.5	20.4	0	22.3
		50	24	21.8	21.8	21.8	3	22.7	20.6	20.5	20.5	0	22.3
		50	50	21.8	21.8	21.8	3	22.7	20.6	20.5	20.5	0	22.3
		100	0	21.8	21.8	21.8	3	22.7	20.6	20.4	20.5	0	22.3
	256QAM	1	0	20.0	19.8	19.7	5	20.7	20.0	19.7	19.7	1.6	20.7
		1	49	20.0	19.9	19.9	5	20.7	20.0	19.7	19.9	1.6	20.7
		1	99	19.8	19.9	19.8	5	20.7	19.7	19.7	19.8	1.6	20.7
		50	0	19.9	19.8	19.7	5	20.7	19.9	19.6	19.7	1.6	20.7
		50	24	19.9	19.8	19.7	5	20.7	19.8	19.6	19.7	1.6	20.7
		50	50	19.8	19.7	19.8	5	20.7	19.8	19.6	19.8	1.6	20.7
		100	0	19.9	19.7	19.7	5	20.7	19.8	19.6	19.7	1.6	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	24.2	23.9	23.9	0	25.7	20.7	20.4	20.4	0	22.3
		1	37	24.1	23.9	24.0	0	25.7	20.6	20.4	20.5	0	22.3
		1	74	24.0	23.9	24.0	0	25.7	20.5	20.4	20.5	0	22.3
		36	0	23.9	23.8	23.7	1	24.7	20.6	20.4	20.4	0	22.3
		36	20	23.9	23.8	23.8	1	24.7	20.6	20.4	20.5	0	22.3
		36	39	23.8	23.8	23.8	1	24.7	20.5	20.4	20.5	0	22.3
		75	0	23.8	23.7	23.8	1	24.7	20.6	20.4	20.5	0	22.3
	16QAM	1	0	24.0	23.9	23.7	1	24.7	20.8	20.5	20.6	0	22.3
		1	37	24.0	23.9	23.9	1	24.7	20.8	20.6	20.6	0	22.3
		1	74	23.9	23.9	23.9	1	24.7	20.7	20.5	20.6	0	22.3
		36	0	22.9	22.8	22.7	2	23.7	20.7	20.5	20.5	0	22.3
		36	20	22.9	22.8	22.8	2	23.7	20.7	20.5	20.6	0	22.3
		36	39	22.9	22.8	22.8	2	23.7	20.6	20.5	20.6	0	22.3
		75	0	22.9	22.8	22.8	2	23.7	20.6	20.5	20.5	0	22.3
	64QAM	1	0	22.9	23.0	22.9	2	23.7	20.8	20.6	20.6	0	22.3
		1	37	22.9	23.0	23.0	2	23.7	20.8	20.6	20.7	0	22.3
		1	74	22.9	22.9	22.9	2	23.7	20.7	20.5	20.7	0	22.3
		36	0	21.8	21.8	21.8	3	22.7	20.6	20.5	20.4	0	22.3
		36	20	21.8	21.8	21.8	3	22.7	20.7	20.5	20.5	0	22.3
		36	39	21.8	21.8	21.7	3	22.7	20.5	20.5	20.5	0	22.3
		75	0	21.8	21.8	21.8	3	22.7	20.6	20.5	20.5	0	22.3
	256QAM	1	0	20.1	19.9	19.8	5	20.7	20.0	19.8	19.7	1.6	20.7
		1	37	20.1	19.8	19.9	5	20.7	20.0	19.7	19.8	1.6	20.7
		1	74	19.9	19.7	19.9	5	20.7	19.8	19.7	19.8	1.6	20.7
		36	0	19.9	19.7	19.7	5	20.7	19.8	19.7	19.6	1.6	20.7
		36	20	19.9	19.8	19.8	5	20.7	19.9	19.7	19.7	1.6	20.7
		36	39	19.8	19.8	19.8	5	20.7	19.7	19.7	19.7	1.6	20.7
		75	0	19.8	19.8	19.8	5	20.7	19.8	19.7	19.8	1.6	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Tune-up Limit	26090	26365	26640	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	24.1	23.9	23.9	0	25.7	20.5	20.3	20.4	0	22.3
		1	25	24.1	23.9	23.9	0	25.7	20.6	20.3	20.5	0	22.3
		1	49	24.0	23.8	23.9	0	25.7	20.5	20.3	20.5	0	22.3
		25	0	23.9	23.7	23.7	1	24.7	20.6	20.3	20.4	0	22.3
		25	12	23.9	23.7	23.7	1	24.7	20.5	20.3	20.5	0	22.3
		25	25	23.8	23.7	23.8	1	24.7	20.5	20.3	20.6	0	22.3
		50	0	23.8	23.7	23.7	1	24.7	20.5	20.3	20.5	0	22.3
	16QAM	1	0	24.1	23.9	23.8	1	24.7	20.6	20.4	20.6	0	22.3
		1	25	24.0	23.9	23.9	1	24.7	20.7	20.5	20.7	0	22.3
		1	49	23.9	23.8	23.9	1	24.7	20.6	20.4	20.7	0	22.3
		25	0	23.0	22.8	22.7	2	23.7	20.6	20.4	20.4	0	22.3
		25	12	22.9	22.8	22.7	2	23.7	20.5	20.4	20.5	0	22.3
		25	25	22.9	22.7	22.8	2	23.7	20.5	20.4	20.6	0	22.3
		50	0	22.9	22.7	22.7	2	23.7	20.5	20.4	20.5	0	22.3
	64QAM	1	0	22.9	22.9	22.8	2	23.7	20.9	20.6	20.6	0	22.3
		1	25	22.9	22.9	22.8	2	23.7	20.8	20.7	20.6	0	22.3
		1	49	22.8	22.8	22.8	2	23.7	20.7	20.6	20.6	0	22.3
		25	0	21.7	21.7	21.7	3	22.7	20.7	20.3	20.4	0	22.3
		25	12	21.8	21.7	21.8	3	22.7	20.7	20.5	20.5	0	22.3
		25	25	21.8	21.7	21.7	3	22.7	20.6	20.5	20.6	0	22.3
		50	0	21.7	21.7	21.8	3	22.7	20.6	20.4	20.4	0	22.3
	256QAM	1	0	20.0	19.9	19.8	5	20.7	20.1	19.7	19.7	1.6	20.7
		1	25	20.0	19.8	19.9	5	20.7	20.0	19.7	19.9	1.6	20.7
		1	49	19.9	19.8	19.8	5	20.7	19.8	19.7	19.8	1.6	20.7
		25	0	20.0	19.7	19.7	5	20.7	19.9	19.6	19.6	1.6	20.7
		25	12	19.9	19.8	19.7	5	20.7	19.8	19.6	19.7	1.6	20.7
		25	25	19.9	19.7	19.7	5	20.7	19.8	19.6	19.7	1.6	20.7
		50	0	19.8	19.7	19.6	5	20.7	19.8	19.6	19.6	1.6	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Tune-up Limit	26065	26365	26665	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	24.2	24.0	23.9	0	25.7	20.7	20.4	20.5	0	22.3
		1	12	24.1	23.8	23.9	0	25.7	20.6	20.3	20.4	0	22.3
		1	24	24.1	24.0	24.0	0	25.7	20.6	20.4	20.5	0	22.3
		12	0	24.0	23.7	23.7	1	24.7	20.6	20.4	20.4	0	22.3
		12	7	24.0	23.7	23.7	1	24.7	20.6	20.4	20.5	0	22.3
		12	13	23.8	23.7	23.7	1	24.7	20.5	20.3	20.5	0	22.3
		25	0	23.9	23.7	23.7	1	24.7	20.5	20.3	20.4	0	22.3
	16QAM	1	0	24.2	24.0	24.0	1	24.7	20.8	20.6	20.5	0	22.3
		1	12	24.2	24.0	24.0	1	24.7	20.7	20.5	20.5	0	22.3
		1	24	24.1	24.0	24.0	1	24.7	20.7	20.5	20.5	0	22.3
		12	0	23.0	22.8	22.7	2	23.7	20.7	20.3	20.4	0	22.3
		12	7	23.0	22.8	22.7	2	23.7	20.7	20.3	20.5	0	22.3
		12	13	22.9	22.7	22.8	2	23.7	20.5	20.3	20.5	0	22.3
		25	0	23.0	22.7	22.7	2	23.7	20.5	20.3	20.4	0	22.3
	64QAM	1	0	23.3	21.8	22.9	2	23.7	21.1	20.5	20.7	0	22.3
		1	12	23.2	23.1	23.0	2	23.7	21.1	20.6	20.7	0	22.3
		1	24	23.2	23.0	23.0	2	23.7	21.1	20.5	20.7	0	22.3
		12	0	22.0	21.8	21.8	3	22.7	20.8	20.5	20.5	0	22.3
		12	7	22.0	21.8	21.8	3	22.7	20.8	20.5	20.6	0	22.3
		12	13	21.9	21.8	21.8	3	22.7	20.7	20.4	20.5	0	22.3
		25	0	22.0	21.7	21.7	3	22.7	20.6	20.5	20.6	0	22.3
	256QAM	1	0	20.0	19.9	20.1	5	20.7	20.1	19.8	19.8	1.6	20.7
		1	12	20.0	19.9	20.1	5	20.7	20.0	19.9	19.9	1.6	20.7
		1	24	19.9	19.8	20.0	5	20.7	19.9	19.8	19.8	1.6	20.7
		12	0	19.7	19.8	20.0	5	20.7	20.0	19.7	19.7	1.6	20.7
		12	7	19.7	19.7	20.0	5	20.7	19.9	19.7	19.8	1.6	20.7
		12	13	19.7	19.7	19.9	5	20.7	19.8	19.6	19.7	1.6	20.7
		25	0	19.7	19.7	19.9	5	20.7	19.8	19.6	19.8	1.6	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Tune-up Limit	26055	26365	26675	MPR	Tune-up Limit
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	24.0	23.8	24.0	0	25.7	20.6	20.3	20.4	0	22.3
		1	8	24.2	23.9	24.0	0	25.7	20.7	20.4	20.5	0	22.3
		1	14	24.0	23.8	23.9	0	25.7	20.6	20.3	20.4	0	22.3
		8	0	24.0	23.7	23.8	1	24.7	20.7	20.4	20.4	0	22.3
		8	4	23.9	23.7	23.8	1	24.7	20.6	20.4	20.4	0	22.3
		8	7	23.9	23.7	23.7	1	24.7	20.6	20.4	20.4	0	22.3
		15	0	23.9	23.7	23.7	1	24.7	20.6	20.4	20.4	0	22.3
	16QAM	1	0	23.8	23.9	24.1	1	24.7	20.8	20.5	20.6	0	22.3
		1	8	23.9	23.9	24.2	1	24.7	20.8	20.5	20.6	0	22.3
		1	14	23.8	23.8	23.9	1	24.7	20.7	20.4	20.5	0	22.3
		8	0	22.8	22.7	22.9	2	23.7	20.7	20.4	20.4	0	22.3
		8	4	22.8	22.8	22.9	2	23.7	20.6	20.4	20.4	0	22.3
		8	7	22.8	22.7	22.9	2	23.7	20.6	20.4	20.4	0	22.3
		15	0	22.8	22.7	22.8	2	23.7	20.6	20.3	20.3	0	22.3
	64QAM	1	0	23.0	22.9	23.2	2	23.7	20.8	20.6	20.6	0	22.3
		1	8	23.1	23.0	23.3	2	23.7	21.0	20.6	20.7	0	22.3
		1	14	23.0	22.8	23.0	2	23.7	20.7	20.6	20.6	0	22.3
		8	0	21.8	21.7	22.0	3	22.7	20.7	20.4	20.5	0	22.3
		8	4	21.8	21.8	21.9	3	22.7	20.7	20.4	20.5	0	22.3
		8	7	21.8	21.8	21.9	3	22.7	20.6	20.4	20.5	0	22.3
		15	0	21.8	21.7	21.9	3	22.7	20.6	20.4	20.5	0	22.3
	256QAM	1	0	20.0	19.7	19.8	5	20.7	20.0	19.6	19.7	1.6	20.7
		1	8	20.0	19.8	19.8	5	20.7	20.0	19.7	19.9	1.6	20.7
		1	14	19.8	19.7	19.8	5	20.7	19.9	19.6	19.8	1.6	20.7
		8	0	19.9	19.7	19.8	5	20.7	19.9	19.6	19.7	1.6	20.7
		8	4	19.9	19.7	19.8	5	20.7	19.9	19.7	19.7	1.6	20.7
		8	7	19.9	19.7	19.8	5	20.7	19.9	19.6	19.7	1.6	20.7
		15	0	19.8	19.7	19.7	5	20.7	19.8	19.6	19.7	1.6	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Tune-up Limit	26047	26365	26683	MPR	Tune-up Limit
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	24.0	23.8	23.8	0	25.7	20.5	20.3	20.4	0	22.3
		1	3	24.0	23.8	23.9	0	25.7	20.6	20.4	20.5	0	22.3
		1	5	24.0	23.9	23.8	0	25.7	20.5	20.3	20.4	0	22.3
		3	0	24.0	23.8	23.8	0	25.7	20.6	20.3	20.4	0	22.3
		3	1	24.0	23.8	23.8	0	25.7	20.6	20.3	20.4	0	22.3
		3	3	24.0	23.8	23.8	0	25.7	20.6	20.3	20.4	0	22.3
		6	0	23.9	23.7	23.7	1	24.7	20.7	20.4	20.5	0	22.3
	16QAM	1	0	23.8	23.9	23.9	1	24.7	20.8	20.5	20.6	0	22.3
		1	3	23.9	23.8	24.0	1	24.7	20.8	20.5	20.6	0	22.3
		1	5	23.8	23.8	24.0	1	24.7	20.8	20.5	20.6	0	22.3
		3	0	23.8	23.9	23.8	1	24.7	20.8	20.4	20.6	0	22.3
		3	1	23.9	23.8	23.8	1	24.7	20.7	20.4	20.6	0	22.3
		3	3	23.8	23.7	23.8	1	24.7	20.7	20.4	20.6	0	22.3
		6	0	22.8	22.7	23.7	2	23.7	20.7	20.4	20.5	0	22.3
	64QAM	1	0	23.0	23.7	22.9	2	23.7	21.0	20.5	20.7	0	22.3
		1	3	23.0	23.2	23.0	2	23.7	20.9	20.7	20.7	0	22.3
		1	5	22.9	23.2	23.0	2	23.7	21.0	20.5	20.7	0	22.3
		3	0	22.8	22.9	23.0	2	23.7	20.8	20.5	20.6	0	22.3
		3	1	22.9	23.0	23.0	2	23.7	20.9	20.5	20.6	0	22.3
		3	3	22.8	23.0	23.0	2	23.7	20.9	20.4	20.6	0	22.3
		6	0	21.7	22.7	22.7	3	22.7	20.7	20.4	20.5	0	22.3
	256QAM	1	0	20.0	19.9	19.8	5	20.7	20.1	19.7	19.9	1.6	20.7
		1	3	20.1	19.8	19.8	5	20.7	20.2	19.8	19.8	1.6	20.7
		1	5	20.1	19.8	19.8	5	20.7	20.1	19.7	19.8	1.6	20.7
		3	0	20.0	19.7	19.8	5	20.7	20.0	19.7	19.9	1.6	20.7
		3	1	20.1	19.7	19.8	5	20.7	20.0	19.7	19.8	1.6	20.7
		3	3	20.1	19.7	19.8	5	20.7	20.0	19.7	19.8	1.6	20.7
		6	0	19.9	19.7	19.7	5	20.7	19.9	19.5	19.7	1.6	20.7

LTE Band 25 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	19.8	19.8	20.0	0	20.6	18.8	18.7	18.9	0	20.5
		1	49	19.9	19.9	20.0	0	20.6	18.8	18.8	18.9	0	20.5
		1	99	19.9	19.8	20.1	0	20.6	18.8	18.8	19.0	0	20.5
		50	0	19.9	19.9	20.0	0	20.6	18.8	18.9	18.9	0	20.5
		50	24	19.9	20.0	20.1	0	20.6	18.9	18.9	19.0	0	20.5
		50	50	19.9	20.0	20.1	0	20.6	18.8	18.8	19.0	0	20.5
		100	0	19.9	19.9	20.1	0	20.6	18.8	18.8	19.0	0	20.5
	16QAM	1	0	19.9	19.9	20.0	0	20.6	18.8	18.7	18.9	0	20.5
		1	49	20.0	20.0	20.1	0	20.6	18.8	18.8	19.0	0	20.5
		1	99	20.0	19.9	20.1	0	20.6	18.8	18.7	19.1	0	20.5
		50	0	19.8	19.9	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		50	24	19.9	20.0	20.0	0	20.6	18.7	18.8	18.9	0	20.5
		50	50	19.9	19.9	20.0	0	20.6	18.7	18.8	18.9	0	20.5
		100	0	19.9	19.9	20.0	0	20.6	18.7	18.7	18.9	0	20.5
	64QAM	1	0	20.1	19.9	20.0	0	20.6	18.9	18.8	18.9	0	20.5
		1	49	20.0	20.1	20.1	0	20.6	18.9	18.8	19.0	0	20.5
		1	99	20.0	20.0	20.2	0	20.6	18.9	18.9	19.0	0	20.5
		50	0	19.4	19.4	19.5	0.2	20.4	18.7	18.7	18.7	0.1	20.4
		50	24	19.5	19.5	19.6	0.2	20.4	18.7	18.8	18.8	0.1	20.4
		50	50	19.4	19.5	19.6	0.2	20.4	18.7	18.8	18.8	0.1	20.4
		100	0	19.4	19.5	19.6	0.2	20.4	18.7	18.7	18.8	0.1	20.4
	256QAM	1	0	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4
		1	49	17.6	17.6	17.7	2.2	18.4	17.6	17.5	17.6	2.1	18.4
		1	99	17.5	17.5	17.6	2.2	18.4	17.5	17.5	17.6	2.1	18.4
		50	0	17.4	17.4	17.5	2.2	18.4	17.4	17.3	17.4	2.1	18.4
		50	24	17.5	17.5	17.6	2.2	18.4	17.5	17.5	17.5	2.1	18.4
		50	50	17.4	17.5	17.6	2.2	18.4	17.4	17.5	17.5	2.1	18.4
		100	0	17.4	17.5	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	19.8	19.8	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		1	37	19.8	19.8	20.0	0	20.6	18.7	18.7	18.8	0	20.5
		1	74	19.8	19.8	19.9	0	20.6	18.6	18.7	18.8	0	20.5
		36	0	19.8	19.8	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		36	20	19.9	19.9	19.9	0	20.6	18.7	18.8	18.8	0	20.5
		36	39	19.8	19.9	20.0	0	20.6	18.7	18.8	18.9	0	20.5
		75	0	19.8	19.8	19.9	0	20.6	18.7	18.7	18.7	0	20.5
	16QAM	1	0	19.9	19.9	20.0	0	20.6	18.8	18.8	18.9	0	20.5
		1	37	19.9	20.0	20.1	0	20.6	18.8	18.9	19.0	0	20.5
		1	74	19.9	20.0	20.1	0	20.6	18.7	18.9	19.0	0	20.5
		36	0	19.9	19.8	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		36	20	19.9	19.9	19.9	0	20.6	18.7	18.8	18.8	0	20.5
		36	39	19.8	19.9	20.0	0	20.6	18.7	18.8	18.9	0	20.5
		75	0	19.8	19.9	19.9	0	20.6	18.7	18.8	18.8	0	20.5
	64QAM	1	0	20.0	19.9	20.0	0	20.6	18.8	18.8	19.0	0	20.5
		1	37	19.9	20.0	20.1	0	20.6	18.9	18.9	19.0	0	20.5
		1	74	19.8	20.0	20.1	0	20.6	18.8	18.9	19.0	0	20.5
		36	0	19.4	19.4	19.5	0.2	20.4	18.7	18.7	18.8	0.1	20.4
		36	20	19.4	19.4	19.5	0.2	20.4	18.7	18.8	18.8	0.1	20.4
		36	39	19.4	19.5	19.6	0.2	20.4	18.8	18.8	18.9	0.1	20.4
		75	0	19.4	19.5	19.5	0.2	20.4	18.7	18.8	18.8	0.1	20.4
	256QAM	1	0	17.5	17.4	17.5	2.2	18.4	17.5	17.5	17.5	2.1	18.4
		1	37	17.5	17.5	17.6	2.2	18.4	17.6	17.5	17.7	2.1	18.4
		1	74	17.4	17.4	17.6	2.2	18.4	17.4	17.5	17.6	2.1	18.4
		36	0	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4
		36	20	17.4	17.5	17.5	2.2	18.4	17.4	17.5	17.5	2.1	18.4
		36	39	17.4	17.5	17.6	2.2	18.4	17.4	17.5	17.6	2.1	18.4
		75	0	17.4	17.5	17.5	2.2	18.4	17.4	17.5	17.5	2.1	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Tune-up Limit	26090	26365	26640	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	19.8	19.8	19.8	0	20.6	18.6	18.7	18.8	0	20.5
		1	25	19.8	19.8	19.9	0	20.6	18.7	18.8	18.8	0	20.5
		1	49	19.7	19.8	19.9	0	20.6	18.6	18.7	18.8	0	20.5
		25	0	19.8	19.7	19.9	0	20.6	18.7	18.7	18.7	0	20.5
		25	12	19.8	19.9	19.9	0	20.6	18.7	18.8	18.8	0	20.5
		25	25	19.8	19.9	19.9	0	20.6	18.7	18.8	18.8	0	20.5
		50	0	19.8	19.9	19.8	0	20.6	18.7	18.7	18.7	0	20.5
	16QAM	1	0	19.9	20.0	20.0	0	20.6	18.8	18.8	18.9	0	20.5
		1	25	20.0	20.0	20.1	0	20.6	18.8	18.9	18.9	0	20.5
		1	49	19.9	20.0	20.0	0	20.6	18.8	18.8	19.0	0	20.5
		25	0	19.8	19.8	19.8	0	20.6	18.7	18.7	18.7	0	20.5
		25	12	19.8	19.9	19.9	0	20.6	18.7	18.8	18.8	0	20.5
		25	25	19.8	19.9	19.9	0	20.6	18.7	18.8	18.9	0	20.5
		50	0	19.8	19.9	19.9	0	20.6	18.7	18.8	18.7	0	20.5
	64QAM	1	0	19.9	20.0	20.0	0	20.6	18.8	18.9	18.9	0	20.5
		1	25	20.0	20.1	20.0	0	20.6	18.8	18.9	19.0	0	20.5
		1	49	19.9	20.0	20.1	0	20.6	18.8	18.8	19.0	0	20.5
		25	0	19.4	19.4	19.4	0.2	20.4	18.7	18.7	18.8	0.1	20.4
		25	12	19.4	19.4	19.5	0.2	20.4	18.7	18.8	18.7	0.1	20.4
		25	25	19.4	19.5	19.5	0.2	20.4	18.7	18.8	18.8	0.1	20.4
		50	0	19.4	19.4	19.4	0.2	20.4	18.7	18.7	18.7	0.1	20.4
	256QAM	1	0	17.3	17.4	17.5	2.2	18.4	17.4	17.5	17.5	2.1	18.4
		1	25	17.5	17.6	17.7	2.2	18.4	17.5	17.5	17.7	2.1	18.4
		1	49	17.4	17.5	17.6	2.2	18.4	17.4	17.5	17.6	2.1	18.4
		25	0	17.4	17.4	17.4	2.2	18.4	17.4	17.4	17.4	2.1	18.4
		25	12	17.4	17.5	17.5	2.2	18.4	17.4	17.5	17.4	2.1	18.4
		25	25	17.4	17.5	17.5	2.2	18.4	17.4	17.5	17.5	2.1	18.4
		50	0	17.4	17.4	17.4	2.2	18.4	17.4	17.4	17.5	2.1	18.4
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Tune-up Limit	26065	26365	26665	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	19.9	19.9	20.0	0	20.6	18.7	18.7	18.8	0	20.5
		1	12	19.8	19.8	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		1	24	19.9	19.9	20.0	0	20.6	18.6	18.7	18.8	0	20.5
		12	0	19.9	19.8	19.9	0	20.6	18.7	18.6	18.8	0	20.5
		12	7	19.9	19.9	20.0	0	20.6	18.7	18.7	18.8	0	20.5
		12	13	19.8	19.9	19.9	0	20.6	18.6	18.7	18.8	0	20.5
		25	0	19.8	19.9	19.9	0	20.6	18.7	18.7	18.8	0	20.5
	16QAM	1	0	19.9	20.1	20.0	0	20.6	18.9	19.0	18.9	0	20.5
		1	12	20.0	20.0	20.1	0	20.6	18.8	18.9	18.9	0	20.5
		1	24	20.0	20.0	20.0	0	20.6	18.9	19.0	19.0	0	20.5
		12	0	19.9	19.8	19.9	0	20.6	18.7	18.6	18.8	0	20.5
		12	7	19.9	19.9	20.0	0	20.6	18.7	18.7	18.9	0	20.5
		12	13	19.9	19.8	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		25	0	19.8	19.9	19.9	0	20.6	18.7	18.7	18.8	0	20.5
	64QAM	1	0	20.1	20.0	20.0	0	20.6	19.1	18.8	19.0	0	20.5
		1	12	20.2	19.9	20.1	0	20.6	19.0	18.8	19.1	0	20.5
		1	24	20.1	19.9	20.1	0	20.6	19.0	18.8	19.0	0	20.5
		12	0	19.5	19.4	19.5	0.2	20.4	18.7	18.7	18.8	0.1	20.4
		12	7	19.5	19.5	19.6	0.2	20.4	18.7	18.7	18.9	0.1	20.4
		12	13	19.4	19.4	19.5	0.2	20.4	18.7	18.7	18.8	0.1	20.4
		25	0	19.4	19.4	19.5	0.2	20.4	18.7	18.8	18.9	0.1	20.4
	256QAM	1	0	17.4	17.5	17.6	2.2	18.4	17.6	17.5	17.6	2.1	18.4
		1	12	17.5	17.6	17.7	2.2	18.4	17.6	17.6	17.7	2.1	18.4
		1	24	17.5	17.6	17.6	2.2	18.4	17.5	17.6	17.6	2.1	18.4
		12	0	17.5	17.4	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4
		12	7	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.6	2.1	18.4
		12	13	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4
		25	0	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Tune-up Limit	26055	26365	26675	MPR	Tune-up Limit
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	19.8	19.8	19.9	0	20.6	18.6	18.7	18.7	0	20.5
		1	8	19.9	19.9	20.0	0	20.6	18.7	18.7	18.8	0	20.5
		1	14	19.7	19.8	19.9	0	20.6	18.6	18.6	18.7	0	20.5
		8	0	19.8	19.8	19.9	0	20.6	18.7	18.7	18.7	0	20.5
		8	4	19.8	19.8	19.9	0	20.6	18.7	18.7	18.7	0	20.5
		8	7	19.9	19.8	19.9	0	20.6	18.7	18.7	18.7	0	20.5
		15	0	19.8	19.8	19.9	0	20.6	18.7	18.7	18.7	0	20.5
	16QAM	1	0	20.0	20.0	20.0	0	20.6	18.7	18.8	18.8	0	20.5
		1	8	20.2	20.0	20.1	0	20.6	18.9	18.8	18.9	0	20.5
		1	14	19.9	19.9	20.0	0	20.6	18.7	18.8	18.9	0	20.5
		8	0	19.9	19.9	20.0	0	20.6	18.7	18.7	18.7	0	20.5
		8	4	19.9	19.9	19.9	0	20.6	18.7	18.8	18.8	0	20.5
		8	7	19.9	19.9	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		15	0	19.9	19.8	19.9	0	20.6	18.7	18.7	18.7	0	20.5
	64QAM	1	0	19.8	20.0	20.0	0	20.6	18.7	18.9	18.9	0	20.5
		1	8	19.9	20.0	20.1	0	20.6	18.9	18.9	19.0	0	20.5
		1	14	19.9	20.0	20.0	0	20.6	18.8	18.8	18.9	0	20.5
		8	0	19.4	19.5	19.5	0.2	20.4	18.7	18.7	18.8	0.1	20.4
		8	4	19.5	19.4	19.5	0.2	20.4	18.8	18.7	18.8	0.1	20.4
		8	7	19.5	19.4	19.5	0.2	20.4	18.8	18.8	18.8	0.1	20.4
	256QAM	15	0	19.4	19.4	19.5	0.2	20.4	18.7	18.7	18.8	0.1	20.4
		1	0	17.5	17.4	17.5	2.2	18.4	17.4	17.5	17.6	2.1	18.4
		1	8	17.6	17.5	17.7	2.2	18.4	17.6	17.6	17.7	2.1	18.4
		1	14	17.4	17.4	17.6	2.2	18.4	17.4	17.4	17.6	2.1	18.4
		8	0	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4
		8	4	17.4	17.5	17.5	2.2	18.4	17.4	17.5	17.5	2.1	18.4
		8	7	17.4	17.4	17.5	2.2	18.4	17.4	17.5	17.5	2.1	18.4
		15	0	17.4	17.4	17.4	2.2	18.4	17.4	17.4	17.5	2.1	18.4
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Tune-up Limit	26047	26365	26683	MPR	Tune-up Limit
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	19.9	19.8	19.9	0	20.6	18.7	18.6	18.7	0	20.5
		1	3	19.8	19.7	19.9	0	20.6	18.7	18.7	18.7	0	20.5
		1	5	19.8	19.7	19.9	0	20.6	18.7	18.6	18.7	0	20.5
		3	0	19.7	19.7	19.9	0	20.6	18.7	18.6	18.7	0	20.5
		3	1	19.8	19.8	19.9	0	20.6	18.7	18.6	18.7	0	20.5
		3	3	19.7	19.7	19.8	0	20.6	18.6	18.5	18.7	0	20.5
		6	0	19.8	19.8	19.9	0	20.6	18.6	18.6	18.7	0	20.5
	16QAM	1	0	20.0	19.9	20.0	0	20.6	18.8	18.7	18.9	0	20.5
		1	3	20.0	20.1	20.0	0	20.6	18.9	18.9	18.9	0	20.5
		1	5	20.0	20.0	20.0	0	20.6	18.9	18.8	18.9	0	20.5
		3	0	19.9	19.9	19.9	0	20.6	18.7	18.7	18.9	0	20.5
		3	1	19.9	19.9	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		3	3	19.9	19.9	20.0	0	20.6	18.7	18.8	18.8	0	20.5
	64QAM	6	0	19.9	19.9	19.9	0	20.6	18.7	18.7	18.8	0	20.5
		1	0	20.1	19.9	20.1	0	20.6	18.9	18.8	18.9	0	20.5
		1	3	20.1	20.0	20.1	0	20.6	19.0	18.9	19.0	0	20.5
		1	5	20.0	20.0	20.0	0	20.6	18.9	18.8	19.0	0	20.5
		3	0	19.9	19.9	20.0	0	20.6	18.9	18.8	18.9	0	20.5
		3	1	20.0	19.9	20.0	0	20.6	18.8	18.9	18.9	0	20.5
	256QAM	3	3	19.9	19.9	20.0	0	20.6	18.9	18.8	19.0	0	20.5
		6	0	19.5	19.4	19.5	0.2	20.4	18.7	18.7	18.8	0.1	20.4
		1	0	17.5	17.6	17.6	2.2	18.4	17.5	17.5	17.6	2.1	18.4
		1	3	17.5	17.6	17.6	2.2	18.4	17.6	17.6	17.7	2.1	18.4
		1	5	17.5	17.5	17.6	2.2	18.4	17.5	17.5	17.6	2.1	18.4
		3	0	17.5	17.5	17.6	2.2	18.4	17.5	17.5	17.6	2.1	18.4
		3	1	17.5	17.5	17.6	2.2	18.4	17.5	17.5	17.6	2.1	18.4
		3	3	17.5	17.5	17.6	2.2	18.4	17.5	17.5	17.6	2.1	18.4
		6	0	17.3	17.4	17.5	2.2	18.4	17.4	17.4	17.5	2.1	18.4

LTE Band 25 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	23.7	23.7	23.7	0	25.7	20.5	20.4	20.5	0	22.4
		1	49	23.8	23.7	23.8	0	25.7	20.5	20.5	20.6	0	22.4
		1	99	23.7	23.7	23.9	0	25.7	20.5	20.5	20.5	0	22.4
		50	0	23.8	23.6	23.7	1	24.7	20.6	20.5	20.5	0	22.4
		50	24	23.7	23.7	23.8	1	24.7	20.5	20.5	20.5	0	22.4
		50	50	23.7	23.6	23.8	1	24.7	20.5	20.5	20.6	0	22.4
		100	0	23.7	23.6	23.7	1	24.7	20.5	20.5	20.5	0	22.4
	16QAM	1	0	23.8	23.8	23.8	1	24.7	20.6	20.7	20.7	0	22.4
		1	49	23.8	23.8	23.9	1	24.7	20.6	20.7	20.8	0	22.4
		1	99	23.7	23.8	24.0	1	24.7	20.6	20.8	20.8	0	22.4
		50	0	22.8	22.7	22.7	2	23.7	20.7	20.6	20.6	0	22.4
		50	24	22.8	22.7	22.8	2	23.7	20.7	20.6	20.7	0	22.4
		50	50	22.7	22.7	22.8	2	23.7	20.6	20.6	20.7	0	22.4
		100	0	22.7	22.7	22.8	2	23.7	20.6	20.6	20.7	0	22.4
	64QAM	1	0	23.0	22.8	23.0	2	23.7	20.9	20.8	21.0	0	22.4
		1	49	23.0	22.8	23.1	2	23.7	20.9	20.8	21.0	0	22.4
		1	99	23.0	22.8	23.2	2	23.7	20.8	20.8	21.1	0	22.4
		50	0	21.8	21.7	21.7	3	22.7	20.7	20.7	20.6	0	22.4
		50	24	21.8	21.7	21.8	3	22.7	20.7	20.7	20.7	0	22.4
		50	50	21.7	21.7	21.9	3	22.7	20.6	20.7	20.7	0	22.4
		100	0	21.8	21.7	21.8	3	22.7	20.7	20.7	20.7	0	22.4
	256QAM	1	0	19.8	19.8	19.8	5	20.7	19.8	19.7	19.7	1.7	20.7
		1	49	19.9	19.8	19.9	5	20.7	19.9	19.8	19.9	1.7	20.7
		1	99	19.7	19.8	19.8	5	20.7	19.7	19.8	19.9	1.7	20.7
		50	0	19.8	19.7	19.7	5	20.7	19.8	19.7	19.7	1.7	20.7
		50	24	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	1.7	20.7
		50	50	19.7	19.7	19.8	5	20.7	19.7	19.7	19.8	1.7	20.7
		100	0	19.7	19.7	19.8	5	20.7	19.7	19.7	19.8	1.7	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	23.7	23.7	23.7	0	25.7	20.7	20.5	20.6	0	22.4
		1	37	23.7	23.7	23.7	0	25.7	20.7	20.5	20.7	0	22.4
		1	74	23.7	23.7	23.8	0	25.7	20.6	20.5	20.7	0	22.4
		36	0	23.7	23.6	23.7	1	24.7	20.7	20.6	20.7	0	22.4
		36	20	23.6	23.6	23.7	1	24.7	20.6	20.6	20.7	0	22.4
		36	39	23.6	23.6	23.8	1	24.7	20.6	20.6	20.8	0	22.4
		75	0	23.6	23.6	23.7	1	24.7	20.6	20.5	20.6	0	22.4
	16QAM	1	0	23.9	23.7	23.8	1	24.7	20.8	20.6	20.7	0	22.4
		1	37	23.8	23.7	23.9	1	24.7	20.8	20.6	20.8	0	22.4
		1	74	23.7	23.7	24.0	1	24.7	20.7	20.6	20.9	0	22.4
		36	0	22.7	22.6	22.7	2	23.7	20.7	20.6	20.6	0	22.4
		36	20	22.6	22.6	22.7	2	23.7	20.6	20.6	20.7	0	22.4
		36	39	22.6	22.6	22.8	2	23.7	20.6	20.6	20.8	0	22.4
		75	0	22.6	22.6	22.8	2	23.7	20.6	20.5	20.7	0	22.4
	64QAM	1	0	23.0	22.9	22.9	2	23.7	20.9	20.7	20.8	0	22.4
		1	37	23.0	23.0	23.0	2	23.7	20.8	20.8	20.9	0	22.4
		1	74	22.9	23.0	23.0	2	23.7	20.7	20.8	20.9	0	22.4
		36	0	21.8	21.7	21.7	3	22.7	20.7	20.6	20.6	0	22.4
		36	20	21.7	21.7	21.8	3	22.7	20.6	20.6	20.7	0	22.4
		36	39	21.7	21.7	21.9	3	22.7	20.6	20.6	20.8	0	22.4
		75	0	21.8	21.7	21.7	3	22.7	20.6	20.6	20.7	0	22.4
	256QAM	1	0	19.9	19.8	19.8	5	20.7	19.9	19.8	19.9	1.7	20.7
		1	37	19.8	19.8	19.9	5	20.7	19.9	19.8	20.0	1.7	20.7
		1	74	19.7	19.6	19.9	5	20.7	19.7	19.7	19.9	1.7	20.7
		36	0	19.7	19.7	19.7	5	20.7	19.8	19.7	19.7	1.7	20.7
		36	20	19.7	19.7	19.8	5	20.7	19.7	19.7	19.7	1.7	20.7
		36	39	19.7	19.7	19.8	5	20.7	19.7	19.7	19.8	1.7	20.7
		75	0	19.7	19.7	19.7	5	20.7	19.7	19.7	19.8	1.7	20.7

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Tune-up Limit	26090	26365	26640	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	23.7	23.7	23.7	0	25.7	20.7	20.4	20.6	0	22.4
		1	25	23.7	23.7	23.7	0	25.7	20.7	20.5	20.7	0	22.4
		1	49	23.7	23.7	23.7	0	25.7	20.6	20.5	20.6	0	22.4
		25	0	23.7	23.6	23.6	1	24.7	20.7	20.5	20.6	0	22.4
		25	12	23.6	23.6	23.6	1	24.7	20.6	20.5	20.6	0	22.4
		25	25	23.6	23.6	23.7	1	24.7	20.6	20.5	20.7	0	22.4
		50	0	23.6	23.6	23.7	1	24.7	20.6	20.5	20.6	0	22.4
	16QAM	1	0	23.8	23.7	23.7	1	24.7	20.8	20.6	20.8	0	22.4
		1	25	23.8	23.7	23.9	1	24.7	20.8	20.7	20.8	0	22.4
		1	49	23.7	23.7	23.8	1	24.7	20.7	20.6	20.8	0	22.4
		25	0	22.7	22.6	22.6	2	23.7	20.7	20.5	20.6	0	22.4
		25	12	22.7	22.6	22.7	2	23.7	20.6	20.6	20.6	0	22.4
		25	25	22.7	22.6	22.8	2	23.7	20.6	20.5	20.7	0	22.4
		50	0	22.6	22.6	22.6	2	23.7	20.6	20.5	20.6	0	22.4
	64QAM	1	0	22.9	22.9	22.9	2	23.7	20.9	20.7	20.8	0	22.4
		1	25	22.9	22.9	23.0	2	23.7	20.8	20.8	20.9	0	22.4
		1	49	22.8	22.8	23.0	2	23.7	20.7	20.7	20.9	0	22.4
		25	0	21.8	21.7	21.7	3	22.7	20.7	20.6	20.6	0	22.4
		25	12	21.7	21.7	21.7	3	22.7	20.6	20.6	20.6	0	22.4
		25	25	21.7	21.6	21.8	3	22.7	20.6	20.6	20.7	0	22.4
		50	0	21.7	21.6	21.7	3	22.7	20.6	20.5	20.6	0	22.4
	256QAM	1	0	19.9	19.7	19.8	5	20.7	19.8	19.8	19.8	1.7	20.7
		1	25	19.9	19.8	19.9	5	20.7	20.0	19.8	20.0	1.7	20.7
		1	49	19.7	19.8	19.8	5	20.7	19.7	19.7	19.8	1.7	20.7
		25	0	19.8	19.6	19.7	5	20.7	19.8	19.7	19.7	1.7	20.7
		25	12	19.7	19.7	19.7	5	20.7	19.7	19.7	19.7	1.7	20.7
		25	25	19.7	19.6	19.8	5	20.7	19.7	19.7	19.8	1.7	20.7
		50	0	19.7	19.6	19.7	5	20.7	19.7	19.6	19.7	1.7	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Tune-up Limit	26065	26365	26665	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	23.7	23.7	23.7	0	25.7	20.7	20.6	20.6	0	22.4
		1	12	23.7	23.7	23.8	0	25.7	20.6	20.5	20.6	0	22.4
		1	24	23.7	23.7	23.8	0	25.7	20.7	20.5	20.7	0	22.4
		12	0	23.7	23.6	23.7	1	24.7	20.7	20.5	20.6	0	22.4
		12	7	23.7	23.6	23.8	1	24.7	20.7	20.5	20.7	0	22.4
		12	13	23.7	23.5	23.8	1	24.7	20.7	20.5	20.6	0	22.4
		25	0	23.7	23.6	23.8	1	24.7	20.7	20.5	20.6	0	22.4
	16QAM	1	0	23.9	23.9	23.9	1	24.7	20.9	20.8	20.8	0	22.4
		1	12	23.8	23.7	23.9	1	24.7	20.7	20.6	20.8	0	22.4
		1	24	23.8	23.8	23.9	1	24.7	20.8	20.6	20.8	0	22.4
		12	0	22.8	22.6	22.7	2	23.7	20.7	20.5	20.6	0	22.4
		12	7	22.8	22.6	22.9	2	23.7	20.7	20.5	20.7	0	22.4
		12	13	22.7	22.6	22.8	2	23.7	20.7	20.5	20.7	0	22.4
		25	0	22.7	22.6	22.8	2	23.7	20.6	20.5	20.7	0	22.4
	64QAM	1	0	23.2	23.0	23.0	2	23.7	21.1	20.8	20.8	0	22.4
		1	12	23.1	22.9	23.0	2	23.7	21.0	20.8	20.9	0	22.4
		1	24	23.1	22.9	23.1	2	23.7	21.0	20.8	20.9	0	22.4
		12	0	21.8	21.7	21.8	3	22.7	20.7	20.6	20.7	0	22.4
		12	7	21.8	21.7	21.9	3	22.7	20.7	20.6	20.8	0	22.4
		12	13	21.8	21.7	21.9	3	22.7	20.7	20.6	20.7	0	22.4
		25	0	21.8	21.7	21.8	3	22.7	20.7	20.5	20.7	0	22.4
	256QAM	1	0	19.9	19.9	19.8	5	20.7	20.0	19.9	19.9	1.7	20.7
		1	12	19.9	19.8	19.9	5	20.7	19.9	19.8	19.9	1.7	20.7
		1	24	19.9	19.8	19.9	5	20.7	19.8	19.8	19.9	1.7	20.7
		12	0	19.8	19.7	19.7	5	20.7	19.8	19.7	19.7	1.7	20.7
		12	7	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	1.7	20.7
		12	13	19.8	19.6	19.8	5	20.7	19.8	19.6	19.8	1.7	20.7
		25	0	19.8	19.6	19.8	5	20.7	19.7	19.6	19.8	1.7	20.7
		25	0	19.8	19.6	19.8	5	20.7	19.7	19.6	19.8	1.7	20.7

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Tune-up Limit	26055	26365	26675	MPR	Tune-up Limit
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	23.7	23.7	23.7	0	25.7	20.6	20.4	20.6	0	22.4
		1	8	23.7	23.7	23.8	0	25.7	20.7	20.5	20.7	0	22.4
		1	14	23.7	23.7	23.7	0	25.7	20.6	20.4	20.6	0	22.4
		8	0	23.7	23.5	23.7	1	24.7	20.7	20.5	20.6	0	22.4
		8	4	23.7	23.6	23.7	1	24.7	20.7	20.5	20.6	0	22.4
		8	7	23.6	23.5	23.7	1	24.7	20.6	20.5	20.6	0	22.4
		15	0	23.6	23.6	23.7	1	24.7	20.6	20.5	20.6	0	22.4
	16QAM	1	0	23.8	23.7	23.8	1	24.7	20.8	20.6	20.8	0	22.4
		1	8	23.9	23.7	23.9	1	24.7	20.9	20.6	20.8	0	22.4
		1	14	23.8	23.6	23.8	1	24.7	20.7	20.6	20.7	0	22.4
		8	0	22.8	22.6	22.7	2	23.7	20.7	20.6	20.6	0	22.4
		8	4	22.8	22.6	22.7	2	23.7	20.7	20.6	20.6	0	22.4
		8	7	22.6	22.6	22.7	2	23.7	20.6	20.5	20.7	0	22.4
		15	0	22.7	22.5	22.7	2	23.7	20.6	20.5	20.6	0	22.4
	64QAM	1	0	22.9	22.8	22.8	2	23.7	20.8	20.8	20.8	0	22.4
		1	8	23.0	23.0	23.1	2	23.7	20.8	20.8	20.9	0	22.4
		1	14	22.9	22.8	23.0	2	23.7	20.7	20.7	20.8	0	22.4
		8	0	21.9	21.7	21.8	3	22.7	20.7	20.6	20.6	0	22.4
		8	4	21.9	21.7	21.8	3	22.7	20.8	20.6	20.7	0	22.4
		8	7	21.8	21.7	21.8	3	22.7	20.7	20.6	20.7	0	22.4
		15	0	21.7	21.6	21.7	3	22.7	20.6	20.5	20.6	0	22.4
	256QAM	1	0	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	1.7	20.7
		1	8	19.9	19.8	19.9	5	20.7	19.9	19.8	19.9	1.7	20.7
		1	14	19.7	19.7	19.9	5	20.7	19.7	19.6	19.9	1.7	20.7
		8	0	19.8	19.6	19.7	5	20.7	19.8	19.6	19.7	1.7	20.7
		8	4	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	1.7	20.7
		8	7	19.7	19.6	19.7	5	20.7	19.7	19.6	19.8	1.7	20.7
		15	0	19.7	19.6	19.7	5	20.7	19.7	19.6	19.8	1.7	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Tune-up Limit	26047	26365	26683	MPR	Tune-up Limit
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	23.7	23.7	23.7	0	25.7	20.6	20.4	20.6	0	22.4
		1	3	23.7	23.7	23.7	0	25.7	20.6	20.4	20.6	0	22.4
		1	5	23.7	23.7	23.7	0	25.7	20.5	20.4	20.6	0	22.4
		3	0	23.7	23.7	23.7	0	25.7	20.5	20.4	20.6	0	22.4
		3	1	23.7	23.7	23.7	0	25.7	20.6	20.4	20.6	0	22.4
		3	3	23.7	23.7	23.7	0	25.7	20.6	20.4	20.6	0	22.4
		6	0	23.6	23.5	23.7	1	24.7	20.6	20.4	20.6	0	22.4
	16QAM	1	0	23.7	23.7	23.8	1	24.7	20.7	20.5	20.8	0	22.4
		1	3	23.8	23.6	23.8	1	24.7	20.7	20.6	20.8	0	22.4
		1	5	23.8	23.6	23.9	1	24.7	20.7	20.5	20.7	0	22.4
		3	0	23.7	23.5	23.7	1	24.7	20.7	20.5	20.7	0	22.4
		3	1	23.8	23.6	23.8	1	24.7	20.7	20.5	20.6	0	22.4
		3	3	23.7	23.6	23.7	1	24.7	20.7	20.5	20.7	0	22.4
		6	0	22.7	22.5	22.7	2	23.7	20.6	20.5	20.7	0	22.4
	64QAM	1	0	23.1	22.8	23.1	2	23.7	21.0	20.7	20.9	0	22.4
		1	3	23.2	22.9	23.1	2	23.7	21.1	20.7	20.9	0	22.4
		1	5	23.1	22.7	23.1	2	23.7	21.0	20.6	20.9	0	22.4
		3	0	22.9	22.8	23.0	2	23.7	20.8	20.7	20.9	0	22.4
		3	1	23.0	22.8	22.9	2	23.7	20.9	20.6	20.9	0	22.4
		3	3	23.0	22.8	22.9	2	23.7	20.9	20.6	20.8	0	22.4
		6	0	21.8	21.7	21.8	3	22.7	20.7	20.5	20.7	0	22.4
	256QAM	1	0	19.9	19.7	19.8	5	20.7	20.0	19.8	19.9	1.7	20.7
		1	3	20.1	19.6	19.8	5	20.7	20.1	19.7	20.0	1.7	20.7
		1	5	20.0	19.7	19.9	5	20.7	20.0	19.7	19.9	1.7	20.7
		3	0	19.8	19.7	19.9	5	20.7	19.9	19.7	19.9	1.7	20.7
		3	1	19.9	19.7	19.9	5	20.7	20.0	19.7	19.9	1.7	20.7
		3	3	19.8	19.7	19.9	5	20.7	19.9	19.7	19.9	1.7	20.7
		6	0	19.8	19.6	19.7	5	20.7	19.8	19.6	19.8	1.7	20.7

LTE Band 25 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	16.6	16.6	16.9	0	18.3	19.3	19.5	19.6	0	20.7
		1	49	16.7	16.7	16.9	0	18.3	19.4	19.5	19.7	0	20.7
		1	99	16.8	16.7	17.0	0	18.3	19.3	19.5	19.7	0	20.7
		50	0	16.6	16.7	16.8	0	18.3	19.4	19.4	19.7	0	20.7
		50	24	16.6	16.8	17.0	0	18.3	19.4	19.5	19.8	0	20.7
		50	50	16.7	16.8	17.1	0	18.3	19.4	19.5	19.8	0	20.7
		100	0	16.6	16.7	16.9	0	18.3	19.4	19.5	19.7	0	20.7
	16QAM	1	0	16.9	17.1	17.1	0	18.3	19.2	19.5	19.6	0	20.7
		1	49	16.8	17.1	17.3	0	18.3	19.4	19.7	19.6	0	20.7
		1	99	16.8	17.2	17.3	0	18.3	19.4	19.7	19.5	0	20.7
		50	0	16.9	16.9	17.1	0	18.3	19.1	19.3	19.4	0	20.7
		50	24	16.9	17.0	17.1	0	18.3	19.2	19.3	19.5	0	20.7
		50	50	16.9	17.1	17.2	0	18.3	19.2	19.3	19.5	0	20.7
		100	0	16.9	17.0	17.1	0	18.3	19.2	19.3	19.4	0	20.7
	64QAM	1	0	16.7	16.5	16.9	0	18.3	19.5	19.4	19.5	0	20.7
		1	49	16.7	16.6	17.0	0	18.3	19.5	19.6	19.7	0	20.7
		1	99	16.7	16.6	17.0	0	18.3	19.4	19.6	19.7	0	20.7
		50	0	16.5	16.4	16.7	0	18.3	19.3	19.2	19.5	0.3	20.4
		50	24	16.5	16.5	16.8	0	18.3	19.3	19.3	19.5	0.3	20.4
		50	50	16.6	16.5	16.9	0	18.3	19.2	19.3	19.4	0.3	20.4
		100	0	16.5	16.5	16.7	0	18.3	19.2	19.2	19.4	0.3	20.4
	256QAM	1	0	16.6	16.5	16.6	0	18.3	17.2	17.4	17.5	2.3	18.4
		1	49	16.7	16.6	17.0	0	18.3	17.4	17.6	17.7	2.3	18.4
		1	99	16.6	16.5	16.8	0	18.3	17.2	17.5	17.7	2.3	18.4
		50	0	16.4	16.4	16.7	0	18.3	17.2	17.3	17.5	2.3	18.4
		50	24	16.6	16.5	16.7	0	18.3	17.4	17.4	17.6	2.3	18.4
		50	50	16.5	16.5	16.8	0	18.3	17.2	17.4	17.5	2.3	18.4
		100	0	16.5	16.5	16.7	0	18.3	17.2	17.4	17.5	2.3	18.4
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	16.8	16.9	17.1	0	18.3	19.2	19.2	19.2	0	20.7
		1	37	16.9	17.0	17.1	0	18.3	19.2	19.4	19.3	0	20.7
		1	74	16.8	17.0	17.2	0	18.3	19.1	19.4	19.3	0	20.7
		36	0	16.8	16.9	17.1	0	18.3	19.2	19.2	19.2	0	20.7
		36	20	16.9	17.0	17.1	0	18.3	19.2	19.3	19.3	0	20.7
		36	39	16.9	17.0	17.2	0	18.3	19.2	19.4	19.3	0	20.7
		75	0	16.8	17.0	17.2	0	18.3	19.1	19.3	19.3	0	20.7
	16QAM	1	0	16.9	16.9	17.2	0	18.3	19.4	19.5	19.4	0	20.7
		1	37	17.0	17.0	17.3	0	18.3	19.5	19.5	19.6	0	20.7
		1	74	16.9	17.2	17.3	0	18.3	19.3	19.6	19.5	0	20.7
		36	0	16.8	16.9	17.1	0	18.3	19.1	19.2	19.2	0	20.7
		36	20	16.9	17.0	17.1	0	18.3	19.2	19.3	19.3	0	20.7
		36	39	16.9	17.0	17.2	0	18.3	19.2	19.3	19.3	0	20.7
		75	0	16.9	17.0	17.2	0	18.3	19.2	19.3	19.2	0	20.7
	64QAM	1	0	16.6	16.6	16.9	0	18.3	19.3	19.2	19.4	0	20.7
		1	37	16.7	16.7	17.0	0	18.3	19.4	19.4	19.4	0	20.7
		1	74	16.6	16.8	16.8	0	18.3	19.3	19.6	19.4	0	20.7
		36	0	16.3	16.5	16.7	0	18.3	19.2	19.3	19.3	0.3	20.4
		36	20	16.4	16.5	16.8	0	18.3	19.2	19.3	19.4	0.3	20.4
		36	39	16.4	16.6	16.8	0	18.3	19.2	19.4	19.3	0.3	20.4
		75	0	16.4	16.5	16.8	0	18.3	19.2	19.4	19.3	0.3	20.4
	256QAM	1	0	16.5	16.5	16.9	0	18.3	17.3	17.4	17.5	2.3	18.4
		1	37	16.5	16.5	16.7	0	18.3	17.2	17.5	17.5	2.3	18.4
		1	74	16.6	16.5	16.8	0	18.3	17.3	17.5	17.4	2.3	18.4
		36	0	16.4	16.5	16.7	0	18.3	17.3	17.4	17.4	2.3	18.4
		36	20	16.5	16.5	16.7	0	18.3	17.3	17.4	17.4	2.3	18.4
		36	39	16.5	16.6	16.7	0	18.3	17.3	17.4	17.4	2.3	18.4
		75	0	16.6	16.5	16.8	0	18.3	17.3	17.4	17.4	2.3	18.4

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Tune-up Limit	26090	26365	26640	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	16.7	16.7	17.1	0	18.3	19.0	19.2	19.3	0	20.7
		1	25	16.8	16.9	17.2	0	18.3	19.1	19.2	19.3	0	20.7
		1	49	16.7	16.8	17.2	0	18.3	19.0	19.2	19.4	0	20.7
		25	0	16.7	16.8	17.1	0	18.3	19.1	19.2	19.1	0	20.7
		25	12	16.8	16.9	17.1	0	18.3	19.1	19.2	19.2	0	20.7
		25	25	16.7	16.9	17.2	0	18.3	19.1	19.3	19.3	0	20.7
		50	0	16.8	17.0	17.1	0	18.3	19.1	19.2	19.3	0	20.7
	16QAM	1	0	16.7	17.0	17.2	0	18.3	19.0	19.3	19.7	0	20.7
		1	25	16.9	17.1	17.4	0	18.3	19.3	19.5	19.7	0	20.7
		1	49	16.9	17.3	17.2	0	18.3	19.2	19.4	19.5	0	20.7
		25	0	16.7	16.9	17.1	0	18.3	19.1	19.2	19.3	0	20.7
		25	12	16.7	17.0	17.1	0	18.3	19.2	19.2	19.4	0	20.7
		25	25	16.8	17.0	17.2	0	18.3	19.1	19.2	19.4	0	20.7
		50	0	16.7	17.0	17.1	0	18.3	19.1	19.0	19.3	0	20.7
	64QAM	1	0	16.4	16.7	16.7	0	18.3	19.2	19.5	19.5	0	20.7
		1	25	16.5	16.9	16.7	0	18.3	19.2	19.4	19.3	0	20.7
		1	49	16.4	16.7	16.7	0	18.3	19.2	19.1	19.4	0	20.7
		25	0	16.3	16.6	16.6	0	18.3	19.2	19.2	19.4	0.3	20.4
		25	12	16.4	16.6	16.6	0	18.3	19.2	19.1	19.4	0.3	20.4
		25	25	16.4	16.7	16.6	0	18.3	19.2	19.1	19.4	0.3	20.4
		50	0	16.4	16.6	16.5	0	18.3	19.1	19.2	19.3	0.3	20.4
	256QAM	1	0	16.4	16.9	16.7	0	18.3	17.2	17.3	17.1	2.3	18.4
		1	25	16.5	16.8	16.9	0	18.3	17.4	17.3	17.5	2.3	18.4
		1	49	16.5	16.7	16.7	0	18.3	17.3	17.3	17.5	2.3	18.4
		25	0	16.4	16.6	16.5	0	18.3	17.2	17.2	17.4	2.3	18.4
		25	12	16.4	16.7	16.6	0	18.3	17.2	17.3	17.4	2.3	18.4
		25	25	16.4	16.6	16.6	0	18.3	17.2	17.3	17.5	2.3	18.4
		50	0	16.4	16.4	16.5	0	18.3	17.2	17.3	17.4	2.3	18.4
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Tune-up Limit	26065	26365	26665	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	17.0	17.0	17.0	0	18.3	19.1	19.1	19.3	0	20.7
		1	12	16.9	16.9	17.1	0	18.3	19.1	19.1	19.3	0	20.7
		1	24	17.0	16.9	17.0	0	18.3	19.0	19.1	19.4	0	20.7
		12	0	16.8	16.8	17.0	0	18.3	19.1	19.0	19.3	0	20.7
		12	7	16.9	16.9	17.0	0	18.3	19.1	19.1	19.3	0	20.7
		12	13	16.9	16.8	17.1	0	18.3	19.0	19.1	19.3	0	20.7
		25	0	16.9	16.8	17.0	0	18.3	19.1	19.1	19.2	0	20.7
	16QAM	1	0	17.0	17.0	17.2	0	18.3	19.6	19.5	19.8	0	20.7
		1	12	16.9	17.0	17.2	0	18.3	19.4	19.4	19.8	0	20.7
		1	24	17.0	16.9	17.2	0	18.3	19.5	19.6	19.8	0	20.7
		12	0	16.8	16.8	17.0	0	18.3	19.2	19.6	19.3	0	20.7
		12	7	16.9	16.9	17.0	0	18.3	19.2	19.2	19.4	0	20.7
		12	13	16.9	16.8	17.0	0	18.3	19.1	19.2	19.4	0	20.7
		25	0	16.9	16.8	17.0	0	18.3	19.1	19.2	19.3	0	20.7
	64QAM	1	0	16.4	16.5	16.5	0	18.3	19.2	19.4	19.5	0	20.7
		1	12	16.4	16.5	16.7	0	18.3	19.3	19.4	19.6	0	20.7
		1	24	16.3	16.6	16.5	0	18.3	19.3	19.4	19.8	0	20.7
		12	0	16.4	16.3	16.5	0	18.3	19.2	19.1	19.2	0.3	20.4
		12	7	16.4	16.4	16.7	0	18.3	19.2	19.1	19.3	0.3	20.4
		12	13	16.3	16.4	16.7	0	18.3	19.1	19.1	19.3	0.3	20.4
		25	0	16.4	16.4	16.5	0	18.3	19.1	19.1	19.2	0.3	20.4
	256QAM	1	0	16.4	16.4	16.6	0	18.3	17.2	17.4	17.5	2.3	18.4
		1	12	16.5	16.6	16.9	0	18.3	17.3	17.3	17.6	2.3	18.4
		1	24	16.4	16.7	16.7	0	18.3	17.3	17.3	17.6	2.3	18.4
		12	0	16.4	16.7	16.6	0	18.3	17.3	17.3	17.5	2.3	18.4
		12	7	16.3	16.5	16.6	0	18.3	17.1	17.2	17.4	2.3	18.4
		12	13	16.3	16.4	16.5	0	18.3	17.3	17.2	17.5	2.3	18.4
		25	0	16.4	16.4	16.5	0	18.3	17.2	17.2	17.7	2.3	18.4

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Tune-up Limit	26055	26365	26675	MPR	Tune-up Limit
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	16.7	16.8	17.1	0	18.3	19.0	19.0	19.2	0	20.7
		1	8	16.8	16.9	17.2	0	18.3	19.0	19.1	19.3	0	20.7
		1	14	16.7	16.8	17.0	0	18.3	19.0	19.1	19.2	0	20.7
		8	0	16.8	16.8	17.0	0	18.3	19.0	19.1	19.2	0	20.7
		8	4	16.8	16.9	17.0	0	18.3	19.0	19.1	19.2	0	20.7
		8	7	16.8	16.9	17.1	0	18.3	19.0	19.1	19.2	0	20.7
		15	0	16.8	16.9	17.0	0	18.3	19.0	19.1	19.3	0	20.7
	16QAM	1	0	16.8	16.8	17.2	0	18.3	19.4	19.3	19.2	0	20.7
		1	8	16.9	17.1	17.3	0	18.3	19.4	19.4	19.6	0	20.7
		1	14	16.9	16.9	17.1	0	18.3	19.3	19.4	19.4	0	20.7
		8	0	16.8	16.9	17.0	0	18.3	19.2	19.1	19.2	0	20.7
		8	4	16.8	16.9	17.0	0	18.3	19.0	19.1	19.4	0	20.7
		8	7	16.8	16.9	17.2	0	18.3	19.0	19.1	19.2	0	20.7
		15	0	16.7	16.8	17.0	0	18.3	19.1	19.0	19.3	0	20.7
	64QAM	1	0	16.4	16.4	16.5	0	18.3	19.2	19.1	19.3	0	20.7
		1	8	16.3	16.6	16.6	0	18.3	19.4	19.2	19.4	0	20.7
		1	14	16.3	16.4	16.6	0	18.3	19.1	19.3	19.4	0	20.7
		8	0	16.3	16.3	16.5	0	18.3	19.0	19.2	19.3	0.3	20.4
		8	4	16.3	16.3	16.6	0	18.3	19.1	19.1	19.3	0.3	20.4
		8	7	16.3	16.3	16.5	0	18.3	19.0	19.1	19.3	0.3	20.4
		15	0	16.3	16.3	16.5	0	18.3	19.1	19.1	19.3	0.3	20.4
	256QAM	1	0	16.4	16.5	16.7	0	18.3	17.3	17.3	17.3	2.3	18.4
		1	8	16.4	16.7	16.6	0	18.3	17.3	17.4	17.4	2.3	18.4
		1	14	16.3	16.4	16.5	0	18.3	17.1	17.1	17.4	2.3	18.4
		8	0	16.3	16.3	16.5	0	18.3	17.1	17.1	17.3	2.3	18.4
		8	4	16.3	16.4	16.6	0	18.3	17.1	17.2	17.4	2.3	18.4
		8	7	16.4	16.3	16.6	0	18.3	17.1	17.2	17.4	2.3	18.4
		15	0	16.3	16.4	16.5	0	18.3	17.1	17.2	17.4	2.3	18.4
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Tune-up Limit	26047	26365	26683	MPR	Tune-up Limit
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	17.0	16.9	16.9	0	18.3	19.3	18.8	19.3	0	20.7
		1	3	17.0	16.9	16.9	0	18.3	19.2	18.9	19.2	0	20.7
		1	5	16.9	16.9	16.9	0	18.3	19.2	18.9	19.2	0	20.7
		3	0	16.9	16.8	16.9	0	18.3	19.1	18.9	19.2	0	20.7
		3	1	16.9	16.9	16.8	0	18.3	19.2	18.9	19.1	0	20.7
		3	3	16.9	16.9	16.9	0	18.3	19.2	18.9	19.2	0	20.7
		6	0	16.9	16.9	16.9	0	18.3	19.2	19.0	19.2	0	20.7
	16QAM	1	0	17.0	17.2	17.0	0	18.3	19.4	19.0	19.3	0	20.7
		1	3	17.2	17.0	17.1	0	18.3	19.3	19.0	19.3	0	20.7
		1	5	17.1	17.1	17.1	0	18.3	19.5	19.1	19.4	0	20.7
		3	0	16.9	17.0	16.9	0	18.3	19.3	19.0	19.1	0	20.7
		3	1	16.9	17.0	17.1	0	18.3	19.5	19.2	19.3	0	20.7
		3	3	17.0	17.0	17.0	0	18.3	19.3	19.2	19.3	0	20.7
		6	0	17.0	16.9	16.9	0	18.3	19.2	19.0	19.1	0	20.7
	64QAM	1	0	16.5	16.5	16.5	0	18.3	19.4	19.3	19.2	0	20.7
		1	3	16.4	16.5	16.6	0	18.3	19.4	19.4	19.4	0	20.7
		1	5	16.3	16.4	16.5	0	18.3	19.4	19.2	19.0	0	20.7
		3	0	16.3	16.4	16.4	0	18.3	19.4	19.2	19.3	0	20.7
		3	1	16.3	16.4	16.4	0	18.3	19.3	19.0	19.1	0	20.7
		3	3	16.3	16.4	16.5	0	18.3	19.3	19.0	19.4	0	20.7
		6	0	16.3	16.3	16.3	0	18.3	19.3	19.1	19.2	0.3	20.4
	256QAM	1	0	16.3	16.4	16.6	0	18.3	17.4	17.3	17.4	2.3	18.4
		1	3	16.3	16.7	16.5	0	18.3	17.4	17.2	17.3	2.3	18.4
		1	5	16.3	16.4	16.4	0	18.3	17.4	17.1	17.4	2.3	18.4
		3	0	16.3	16.4	16.6	0	18.3	17.4	17.2	17.3	2.3	18.4
		3	1	16.3	16.3	16.6	0	18.3	17.4	17.2	17.4	2.3	18.4
		3	3	16.4	16.3	16.5	0	18.3	17.4	17.2	17.3	2.3	18.4
		6	0	16.3	16.3	16.3	0	18.3	17.2	17.1	17.3	2.3	18.4

LTE Band 26 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26740	26865	26990	MPR	Tune-up Limit	26740	26865	26990	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	24.2	24.2	24.1	0	25.7	24.2	24.2	24.1	0	25.7
		1	25	24.2	24.1	24.2	0	25.7	24.2	24.1	24.2	0	25.7
		1	49	24.2	24.1	24.2	0	25.7	24.2	24.1	24.2	0	25.7
		25	0	24.0	24.0	24.0	1	24.7	24.0	24.0	24.0	1	24.7
		25	12	24.1	24.0	24.0	1	24.7	24.1	24.0	24.0	1	24.7
		25	25	24.1	24.1	24.0	1	24.7	24.1	24.1	24.0	1	24.7
		50	0	24.0	24.0	24.0	1	24.7	24.0	24.0	24.0	1	24.7
	16QAM	1	0	24.1	24.0	24.0	1	24.7	24.1	24.0	24.0	1	24.7
		1	25	24.1	24.1	24.0	1	24.7	24.1	24.1	24.0	1	24.7
		1	49	24.1	24.0	24.0	1	24.7	24.1	24.0	24.0	1	24.7
		25	0	23.0	22.9	22.9	2	23.7	23.0	22.9	22.9	2	23.7
		25	12	23.1	22.9	22.9	2	23.7	23.1	22.9	22.9	2	23.7
		25	25	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		50	0	23.0	22.9	22.9	2	23.7	23.0	22.9	22.9	2	23.7
	64QAM	1	0	23.1	23.0	23.0	2	23.7	23.1	23.0	23.0	2	23.7
		1	25	23.2	23.1	22.9	2	23.7	23.2	23.1	22.9	2	23.7
		1	49	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		25	0	21.9	21.8	21.8	3	22.7	21.9	21.8	21.8	3	22.7
		25	12	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		25	25	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		50	0	21.9	21.8	21.8	3	22.7	21.9	21.8	21.8	3	22.7
	256QAM	1	0	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7
		1	25	20.1	20.0	20.0	5	20.7	20.1	20.0	20.0	5	20.7
		1	49	20.0	20.1	19.9	5	20.7	20.0	20.1	19.9	5	20.7
		25	0	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		25	12	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		25	25	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		50	0	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26715	26865	27015	MPR	Tune-up Limit	26715	26865	27015	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	25.0	25.0	25.0	0	25.7	25.0	25.0	25.0	0	25.7
		1	12	25.0	24.9	24.9	0	25.7	25.0	24.9	24.9	0	25.7
		1	24	25.0	24.9	24.9	0	25.7	25.0	24.9	24.9	0	25.7
		12	0	24.1	23.9	23.9	1	24.7	24.1	23.9	23.9	1	24.7
		12	7	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
		12	13	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		25	0	24.0	23.9	23.9	1	24.7	24.0	23.9	23.9	1	24.7
	16QAM	1	0	24.2	24.2	24.1	1	24.7	24.2	24.2	24.1	1	24.7
		1	12	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		1	24	24.1	24.1	24.0	1	24.7	24.1	24.1	24.0	1	24.7
		12	0	23.1	23.0	23.0	2	23.7	23.1	23.0	23.0	2	23.7
		12	7	23.1	23.1	23.0	2	23.7	23.1	23.1	23.0	2	23.7
		12	13	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		25	0	23.1	22.9	22.9	2	23.7	23.1	22.9	22.9	2	23.7
	64QAM	1	0	23.3	23.1	23.1	2	23.7	23.3	23.1	23.1	2	23.7
		1	12	23.4	23.2	23.1	2	23.7	23.4	23.2	23.1	2	23.7
		1	24	23.3	23.1	23.1	2	23.7	23.3	23.1	23.1	2	23.7
		12	0	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		12	7	22.0	22.0	21.9	3	22.7	22.0	22.0	21.9	3	22.7
		12	13	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		25	0	21.9	21.8	21.8	3	22.7	21.9	21.8	21.8	3	22.7
	256QAM	1	0	20.2	20.1	20.0	5	20.7	20.2	20.1	20.0	5	20.7
		1	12	20.2	20.1	19.9	5	20.7	20.2	20.1	19.9	5	20.7
		1	24	20.2	20.1	19.9	5	20.7	20.2	20.1	19.9	5	20.7
		12	0	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		12	7	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		12	13	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		25	0	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7

LTE Band 26 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26705	26865	27025	MPR	Tune-up Limit	26705	26865	27025	MPR	Tune-up Limit
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
		1	8	25.1	25.0	25.0	0	25.7	25.1	25.0	25.0	0	25.7
		1	14	24.9	24.9	24.7	0	25.7	24.9	24.9	24.7	0	25.7
		8	0	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		8	4	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
		8	7	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
	16QAM	15	0	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
		1	8	24.2	24.2	24.0	1	24.7	24.2	24.2	24.0	1	24.7
		1	14	24.0	24.1	24.0	1	24.7	24.0	24.1	24.0	1	24.7
		8	0	23.1	23.1	23.0	2	23.7	23.1	23.1	23.0	2	23.7
		8	4	23.1	23.1	23.0	2	23.7	23.1	23.1	23.0	2	23.7
		8	7	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	2	23.7
	64QAM	15	0	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		1	0	23.1	23.2	23.0	2	23.7	23.1	23.2	23.0	2	23.7
		1	8	23.1	23.3	23.1	2	23.7	23.1	23.3	23.1	2	23.7
		1	14	23.0	23.2	23.0	2	23.7	23.0	23.2	23.0	2	23.7
		8	0	22.0	22.0	21.8	3	22.7	22.0	22.0	21.8	3	22.7
		8	4	22.0	22.0	21.9	3	22.7	22.0	22.0	21.9	3	22.7
	256QAM	8	7	22.0	22.0	21.9	3	22.7	22.0	22.0	21.9	3	22.7
		15	0	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		1	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		1	8	20.2	20.1	20.0	5	20.7	20.2	20.1	20.0	5	20.7
		1	14	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		8	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
1.4	QPSK	8	4	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		8	7	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		15	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
	16QAM	1	0	24.9	24.8	24.8	0	25.7	24.9	24.8	24.8	0	25.7
		1	3	24.9	24.9	24.7	0	25.7	24.9	24.9	24.7	0	25.7
		1	5	24.9	24.8	24.8	0	25.7	24.9	24.8	24.8	0	25.7
		3	0	24.9	24.9	24.7	0	25.7	24.9	24.9	24.7	0	25.7
		3	1	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
		3	3	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
	64QAM	6	0	23.9	23.9	23.7	1	24.7	23.9	23.9	23.7	1	24.7
		1	0	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
		1	3	24.1	24.1	23.9	1	24.7	24.1	24.1	23.9	1	24.7
		1	5	24.0	24.0	24.0	1	24.7	24.0	24.0	24.0	1	24.7
		3	0	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
		3	1	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
	256QAM	3	3	24.0	24.0	23.8	1	24.7	24.0	24.0	23.8	1	24.7
		6	0	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		1	0	23.2	23.2	22.9	2	23.7	23.2	23.2	22.9	2	23.7
		1	3	23.2	23.3	22.9	2	23.7	23.2	23.3	22.9	2	23.7
		1	5	23.2	23.1	22.8	2	23.7	23.2	23.1	22.8	2	23.7
		3	0	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
1.4	64QAM	3	1	23.1	23.1	22.9	2	23.7	23.1	23.1	22.9	2	23.7
		3	3	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		6	0	22.0	21.9	21.7	3	22.7	22.0	21.9	21.7	3	22.7
	256QAM	1	0	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7
		1	3	20.1	20.0	20.0	5	20.7	20.1	20.0	20.0	5	20.7
		1	5	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		3	0	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		3	1	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		3	3	20.0	20.0	19.8	5	20.7	20.0	20.0	19.8	5	20.7
	256QAM	6	0	19.9	19.8	19.7	5	20.7	19.9	19.8	19.7	5	20.7

LTE Band 26 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26740	26865	26990	MPR	Tune-up Limit	26740	26865	26990	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	23.6	23.6	23.6	0	25.2	23.6	23.6	23.6	0	25.2
		1	25	23.5	23.7	23.8	0	25.2	23.5	23.7	23.8	0	25.2
		1	49	23.5	23.6	23.5	0	25.2	23.5	23.6	23.5	0	25.2
		25	0	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		25	12	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		25	25	23.4	23.4	23.5	1	24.2	23.4	23.4	23.5	1	24.2
		50	0	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
	16QAM	1	0	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		1	25	23.5	23.5	23.4	1	24.2	23.5	23.5	23.4	1	24.2
		1	49	23.4	23.5	23.4	1	24.2	23.4	23.5	23.4	1	24.2
		25	0	22.3	22.4	22.3	2	23.2	22.3	22.4	22.3	2	23.2
		25	12	22.4	22.4	22.3	2	23.2	22.4	22.4	22.3	2	23.2
		25	25	22.4	22.4	22.4	2	23.2	22.4	22.4	22.4	2	23.2
		50	0	22.4	22.4	22.3	2	23.2	22.4	22.4	22.3	2	23.2
	64QAM	1	0	22.6	22.6	22.5	2	23.2	22.6	22.6	22.5	2	23.2
		1	25	22.7	22.6	22.5	2	23.2	22.7	22.6	22.5	2	23.2
		1	49	22.6	22.6	22.5	2	23.2	22.6	22.6	22.5	2	23.2
		25	0	21.3	21.4	21.3	3	22.2	21.3	21.4	21.3	3	22.2
		25	12	21.4	21.4	21.4	3	22.2	21.4	21.4	21.4	3	22.2
		25	25	21.4	21.5	21.4	3	22.2	21.4	21.5	21.4	3	22.2
		50	0	21.4	21.4	21.3	3	22.2	21.4	21.4	21.3	3	22.2
	256QAM	1	0	19.4	19.5	19.4	5	20.2	19.4	19.5	19.4	5	20.2
		1	25	19.5	19.6	19.5	5	20.2	19.5	19.6	19.5	5	20.2
		1	49	19.5	19.6	19.4	5	20.2	19.5	19.6	19.4	5	20.2
		25	0	19.3	19.4	19.3	5	20.2	19.3	19.4	19.3	5	20.2
		25	12	19.4	19.4	19.4	5	20.2	19.4	19.4	19.4	5	20.2
		25	25	19.4	19.4	19.4	5	20.2	19.4	19.4	19.4	5	20.2
		50	0	19.4	19.4	19.3	5	20.2	19.4	19.4	19.3	5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26715	26865	27015	MPR	Tune-up Limit	26715	26865	27015	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	23.5	23.6	23.6	0	25.2	23.5	23.6	23.6	0	25.2
		1	12	23.6	23.7	23.6	0	25.2	23.6	23.7	23.6	0	25.2
		1	24	23.5	23.6	23.5	0	25.2	23.5	23.6	23.5	0	25.2
		12	0	23.3	23.4	23.3	1	24.2	23.3	23.4	23.3	1	24.2
		12	7	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		12	13	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		25	0	23.3	23.3	23.4	1	24.2	23.3	23.3	23.4	1	24.2
	16QAM	1	0	23.5	23.5	23.6	1	24.2	23.5	23.5	23.6	1	24.2
		1	12	23.6	23.6	23.5	1	24.2	23.6	23.6	23.5	1	24.2
		1	24	23.5	23.5	23.5	1	24.2	23.5	23.5	23.5	1	24.2
		12	0	22.3	22.4	22.4	2	23.2	22.3	22.4	22.4	2	23.2
		12	7	22.4	22.5	22.5	2	23.2	22.4	22.5	22.5	2	23.2
		12	13	22.4	22.5	22.4	2	23.2	22.4	22.5	22.4	2	23.2
		25	0	22.4	22.3	22.3	2	23.2	22.4	22.3	22.3	2	23.2
	64QAM	1	0	22.7	22.7	22.6	2	23.2	22.7	22.7	22.6	2	23.2
		1	12	22.8	22.7	22.7	2	23.2	22.8	22.7	22.7	2	23.2
		1	24	22.7	22.6	22.6	2	23.2	22.7	22.6	22.6	2	23.2
		12	0	21.3	21.5	21.4	3	22.2	21.3	21.5	21.4	3	22.2
		12	7	21.4	21.5	21.4	3	22.2	21.4	21.5	21.4	3	22.2
		12	13	21.4	21.6	21.4	3	22.2	21.4	21.6	21.4	3	22.2
		25	0	21.4	21.4	21.4	3	22.2	21.4	21.4	21.4	3	22.2
	256QAM	1	0	19.4	19.5	19.5	5	20.2	19.4	19.5	19.5	5	20.2
		1	12	19.6	19.7	19.6	5	20.2	19.6	19.7	19.6	5	20.2
		1	24	19.4	19.6	19.5	5	20.2	19.4	19.6	19.5	5	20.2
		12	0	19.3	19.4	19.4	5	20.2	19.3	19.4	19.4	5	20.2
		12	7	19.5	19.5	19.5	5	20.2	19.5	19.5	19.5	5	20.2
		12	13	19.4	19.5	19.4	5	20.2	19.4	19.5	19.4	5	20.2
		25	0	19.4	19.4	19.4	5	20.2	19.4	19.4	19.4	5	20.2

LTE Band 26 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26705	26865	27025	MPR	Tune-up Limit	26705	26865	27025	MPR	Tune-up Limit
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	23.5	23.5	23.5	0	25.2	23.5	23.5	23.5	0	25.2
		1	8	23.6	23.7	23.6	0	25.2	23.6	23.7	23.6	0	25.2
		1	14	23.5	23.6	23.4	0	25.2	23.5	23.6	23.4	0	25.2
		8	0	23.3	23.4	23.3	1	24.2	23.3	23.4	23.3	1	24.2
		8	4	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		8	7	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		15	0	23.3	23.4	23.3	1	24.2	23.3	23.4	23.3	1	24.2
	16QAM	1	0	23.4	23.5	23.4	1	24.2	23.4	23.5	23.4	1	24.2
		1	8	23.6	23.6	23.6	1	24.2	23.6	23.6	23.6	1	24.2
		1	14	23.3	23.6	23.5	1	24.2	23.3	23.6	23.5	1	24.2
		8	0	22.4	22.4	22.3	2	23.2	22.4	22.4	22.3	2	23.2
		8	4	22.4	22.5	22.4	2	23.2	22.4	22.5	22.4	2	23.2
		8	7	22.4	22.5	22.4	2	23.2	22.4	22.5	22.4	2	23.2
		15	0	22.3	22.4	22.3	2	23.2	22.3	22.4	22.3	2	23.2
	64QAM	1	0	22.6	22.6	22.4	2	23.2	22.6	22.6	22.4	2	23.2
		1	8	22.7	22.8	22.6	2	23.2	22.7	22.8	22.6	2	23.2
		1	14	22.6	22.6	22.5	2	23.2	22.6	22.6	22.5	2	23.2
		8	0	21.5	21.4	21.4	3	22.2	21.5	21.4	21.4	3	22.2
		8	4	21.5	21.5	21.5	3	22.2	21.5	21.5	21.5	3	22.2
		8	7	21.5	21.5	21.5	3	22.2	21.5	21.5	21.5	3	22.2
		15	0	21.4	21.4	21.3	3	22.2	21.4	21.4	21.3	3	22.2
	256QAM	1	0	19.3	19.4	19.4	5	20.2	19.3	19.4	19.4	5	20.2
		1	8	19.5	19.7	19.6	5	20.2	19.5	19.7	19.6	5	20.2
		1	14	19.4	19.5	19.4	5	20.2	19.4	19.5	19.4	5	20.2
		8	0	19.4	19.4	19.3	5	20.2	19.4	19.4	19.3	5	20.2
		8	4	19.4	19.4	19.4	5	20.2	19.4	19.4	19.4	5	20.2
		8	7	19.4	19.5	19.4	5	20.2	19.4	19.5	19.4	5	20.2
		15	0	19.4	19.4	19.3	5	20.2	19.4	19.4	19.3	5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26697	26865	27033	MPR	Tune-up Limit	26697	26865	27033	MPR	Tune-up Limit
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	23.4	23.4	23.4	0	25.2	23.4	23.4	23.4	0	25.2
		1	3	23.4	23.5	23.5	0	25.2	23.4	23.5	23.5	0	25.2
		1	5	23.4	23.5	23.4	0	25.2	23.4	23.5	23.4	0	25.2
		3	0	23.4	23.5	23.4	0	25.2	23.4	23.5	23.4	0	25.2
		3	1	23.5	23.5	23.4	0	25.2	23.5	23.5	23.4	0	25.2
		3	3	23.5	23.5	23.4	0	25.2	23.5	23.5	23.4	0	25.2
		6	0	23.3	23.2	23.3	1	24.2	23.3	23.2	23.3	1	24.2
	16QAM	1	0	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		1	3	23.4	23.5	23.4	1	24.2	23.4	23.5	23.4	1	24.2
		1	5	23.3	23.6	23.4	1	24.2	23.3	23.6	23.4	1	24.2
		3	0	23.3	23.3	23.4	1	24.2	23.3	23.3	23.4	1	24.2
		3	1	23.4	23.4	23.4	1	24.2	23.4	23.4	23.4	1	24.2
		3	3	23.3	23.4	23.4	1	24.2	23.3	23.4	23.4	1	24.2
		6	0	22.3	22.3	22.4	2	23.2	22.3	22.3	22.4	2	23.2
	64QAM	1	0	22.5	22.4	22.6	2	23.2	22.5	22.4	22.6	2	23.2
		1	3	22.7	22.6	22.6	2	23.2	22.7	22.6	22.6	2	23.2
		1	5	22.6	22.5	22.5	2	23.2	22.6	22.5	22.5	2	23.2
		3	0	22.4	22.4	22.4	2	23.2	22.4	22.4	22.4	2	23.2
		3	1	22.5	22.6	22.5	2	23.2	22.5	22.6	22.5	2	23.2
		3	3	22.5	22.5	22.5	2	23.2	22.5	22.5	22.5	2	23.2
		6	0	21.4	21.3	21.4	3	22.2	21.4	21.3	21.4	3	22.2
	256QAM	1	0	19.5	19.4	19.5	5	20.2	19.5	19.4	19.5	5	20.2
		1	3	19.5	19.6	19.5	5	20.2	19.5	19.6	19.5	5	20.2
		1	5	19.5	19.5	19.5	5	20.2	19.5	19.5	19.5	5	20.2
		3	0	19.4	19.4	19.5	5	20.2	19.4	19.4	19.5	5	20.2
		3	1	19.4	19.5	19.5	5	20.2	19.4	19.5	19.5	5	20.2
		3	3	19.4	19.6	19.4	5	20.2	19.4	19.6	19.4	5	20.2
		6	0	19.3	19.3	19.3	5	20.2	19.3	19.3	19.3	5	20.2

LTE Band 30 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
10	QPSK	1	0	24.3	0	25.7		18.5	0	19.1	
		1	25	24.4	0	25.7		18.5	0	19.1	
		1	49	24.3	0	25.7		18.4	0	19.1	
		25	0	24.1	1	24.7		18.4	0	19.1	
		25	12	24.1	1	24.7		18.4	0	19.1	
		25	25	24.0	1	24.7		18.4	0	19.1	
		50	0	24.1	1	24.7		18.4	0	19.1	
	16QAM	1	0	24.4	1	24.7		18.8	0	19.1	
		1	25	24.5	1	24.7		18.8	0	19.1	
		1	49	24.4	1	24.7		18.7	0	19.1	
		25	0	23.1	2	23.7		18.4	0	19.1	
		25	12	23.1	2	23.7		18.4	0	19.1	
		25	25	23.1	2	23.7		18.4	0	19.1	
		50	0	23.0	2	23.7		18.4	0	19.1	
	64QAM	1	0	23.2	2	23.7		18.6	0	19.1	
		1	25	23.3	2	23.7		18.6	0	19.1	
		1	49	23.1	2	23.7		18.5	0	19.1	
		25	0	22.0	3	22.7		18.4	0	19.1	
		25	12	22.0	3	22.7		18.4	0	19.1	
		25	25	22.0	3	22.7		18.4	0	19.1	
	256QAM	50	0	22.0	3	22.7		18.4	0	19.1	
		1	0	20.1	5	20.7		18.5	0	19.1	
		1	25	20.2	5	20.7		18.6	0	19.1	
		1	49	19.9	5	20.7		18.3	0	19.1	
		25	0	20.0	5	20.7		18.4	0	19.1	
		25	12	20.0	5	20.7		18.4	0	19.1	
		25	25	20.0	5	20.7		18.4	0	19.1	
		50	0	20.0	5	20.7		18.4	0	19.1	
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
5	QPSK	1	0	24.4	0	25.7		18.5	0	19.1	
		1	12	24.4	0	25.7		18.6	0	19.1	
		1	24	24.3	0	25.7		18.5	0	19.1	
		12	0	24.1	1	24.7		18.5	0	19.1	
		12	7	24.1	1	24.7		18.5	0	19.1	
		12	13	24.1	1	24.7		18.4	0	19.1	
		25	0	24.0	1	24.7		18.4	0	19.1	
	16QAM	1	0	24.7	1	24.7		19.0	0	19.1	
		1	12	24.7	1	24.7		18.9	0	19.1	
		1	24	24.6	1	24.7		18.9	0	19.1	
		12	0	23.1	2	23.7		18.5	0	19.1	
		12	7	23.2	2	23.7		18.6	0	19.1	
		12	13	23.1	2	23.7		18.5	0	19.1	
	64QAM	25	0	23.1	2	23.7		18.5	0	19.1	
		1	0	23.4	2	23.7		18.9	0	19.1	
		1	12	23.4	2	23.7		18.9	0	19.1	
		1	24	23.3	2	23.7		18.8	0	19.1	
		12	0	22.1	3	22.7		18.5	0	19.1	
		12	7	22.2	3	22.7		18.6	0	19.1	
	256QAM	12	13	22.1	3	22.7		18.5	0	19.1	
		25	0	22.1	3	22.7		18.4	0	19.1	
		1	0	20.3	5	20.7		18.6	0	19.1	
		1	12	20.3	5	20.7		18.8	0	19.1	
		1	24	20.1	5	20.7		18.6	0	19.1	
		12	0	20.1	5	20.7		18.5	0	19.1	
		12	7	20.1	5	20.7		18.5	0	19.1	
		12	13	20.0	5	20.7		18.5	0	19.1	
		25	0	20.0	5	20.7		18.4	0	19.1	

LTE Band 30 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
10	QPSK	1	0	19.9	0	21.3		20.5	0	21.9	
		1	25	20.0	0	21.3		20.6	0	21.9	
		1	49	19.9	0	21.3		20.6	0	21.9	
		25	0	20.0	0	21.3		20.6	0	21.9	
		25	12	20.0	0	21.3		20.6	0	21.9	
		25	25	20.0	0	21.3		20.6	0	21.9	
		50	0	20.0	0	21.3		20.6	0	21.9	
	16QAM	1	0	20.2	0	21.3		20.8	0	21.9	
		1	25	20.3	0	21.3		20.9	0	21.9	
		1	49	20.1	0	21.3		20.7	0	21.9	
		25	0	19.9	0	21.3		20.5	0.5	21.4	
		25	12	19.9	0	21.3		20.5	0.5	21.4	
		25	25	19.9	0	21.3		20.5	0.5	21.4	
		50	0	19.9	0	21.3		20.5	0.5	21.4	
	64QAM	1	0	20.1	0	21.3		20.7	0.5	21.4	
		1	25	20.1	0	21.3		20.8	0.5	21.4	
		1	49	20.0	0	21.3		20.7	0.5	21.4	
		25	0	19.9	0.9	20.4		20.1	1.5	20.4	
		25	12	19.9	0.9	20.4		20.1	1.5	20.4	
		25	25	19.9	0.9	20.4		20.1	1.5	20.4	
		50	0	19.9	0.9	20.4		20.1	1.5	20.4	
	256QAM	1	0	18.2	2.9	18.4		18.2	3.5	18.4	
		1	25	18.3	2.9	18.4		18.2	3.5	18.4	
		1	49	18.1	2.9	18.4		18.0	3.5	18.4	
		25	0	18.1	2.9	18.4		18.1	3.5	18.4	
		25	12	18.1	2.9	18.4		18.1	3.5	18.4	
		25	25	18.1	2.9	18.4		18.1	3.5	18.4	
		50	0	18.1	2.9	18.4		18.1	3.5	18.4	
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
5	QPSK	1	0	20.1	0	21.3		20.6	0	21.9	
		1	12	20.1	0	21.3		20.7	0	21.9	
		1	24	20.0	0	21.3		20.6	0	21.9	
		12	0	20.0	0	21.3		20.5	0	21.9	
		12	7	20.0	0	21.3		20.5	0	21.9	
		12	13	19.9	0	21.3		20.5	0	21.9	
		25	0	19.9	0	21.3		20.5	0	21.9	
	16QAM	1	0	20.4	0	21.3		21.0	0	21.9	
		1	12	20.4	0	21.3		21.0	0	21.9	
		1	24	20.5	0	21.3		21.0	0	21.9	
		12	0	20.0	0	21.3		20.5	0.5	21.4	
		12	7	20.0	0	21.3		20.6	0.5	21.4	
		12	13	20.0	0	21.3		20.6	0.5	21.4	
		25	0	19.9	0	21.3		20.5	0.5	21.4	
	64QAM	1	0	20.3	0	21.3		20.8	0.5	21.4	
		1	12	20.3	0	21.3		21.0	0.5	21.4	
		1	24	20.2	0	21.3		20.8	0.5	21.4	
		12	0	20.0	0.9	20.4		20.2	1.5	20.4	
		12	7	20.0	0.9	20.4		20.2	1.5	20.4	
		12	13	19.9	0.9	20.4		20.1	1.5	20.4	
		25	0	20.0	0.9	20.4		20.2	1.5	20.4	
	256QAM	1	0	18.3	2.9	18.4		18.3	3.5	18.4	
		1	12	18.4	2.9	18.4		18.4	3.5	18.4	
		1	24	18.2	2.9	18.4		18.2	3.5	18.4	
		12	0	18.2	2.9	18.4		18.1	3.5	18.4	
		12	7	18.2	2.9	18.4		18.2	3.5	18.4	
		12	13	18.1	2.9	18.4		18.1	3.5	18.4	
		25	0	18.1	2.9	18.4		18.1	3.5	18.4	

LTE Band 30 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
10	QPSK	1	0	23.6	0	25.0		20.3	0	21.7	
		1	25	23.6	0	25.0		20.3	0	21.7	
		1	49	23.6	0	25.0		20.3	0	21.7	
		25	0	23.4	1	24.0		20.3	0	21.7	
		25	12	23.4	1	24.0		20.3	0	21.7	
		25	25	23.5	1	24.0		20.3	0	21.7	
		50	0	23.4	1	24.0		20.3	0	21.7	
	16QAM	1	0	23.7	1	24.0		20.6	0	21.7	
		1	25	23.7	1	24.0		20.6	0	21.7	
		1	49	23.7	1	24.0		20.6	0	21.7	
		25	0	22.4	2	23.0		20.3	0	21.7	
		25	12	22.4	2	23.0		20.3	0	21.7	
		25	25	22.4	2	23.0		20.3	0	21.7	
		50	0	22.3	2	23.0		20.3	0	21.7	
	64QAM	1	0	22.6	2	23.0		20.5	0	21.7	
		1	25	22.6	2	23.0		20.5	0	21.7	
		1	49	22.5	2	23.0		20.5	0	21.7	
		25	0	21.3	3	22.0		20.3	0	21.7	
		25	12	21.3	3	22.0		20.3	0	21.7	
		25	25	21.3	3	22.0		20.3	0	21.7	
	256QAM	50	0	21.3	3	22.0		20.3	0	21.7	
		1	0	19.4	5	20.0		19.5	1.7	20.0	
		1	25	19.6	5	20.0		19.6	1.7	20.0	
		1	49	19.4	5	20.0		19.4	1.7	20.0	
		25	0	19.4	5	20.0		19.4	1.7	20.0	
		25	12	19.4	5	20.0		19.4	1.7	20.0	
		25	25	19.3	5	20.0		19.4	1.7	20.0	
		50	0	19.3	5	20.0		19.4	1.7	20.0	
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
5	QPSK	1	0	23.8	0	25.0		20.4	0	21.7	
		1	12	23.8	0	25.0		20.5	0	21.7	
		1	24	23.7	0	25.0		20.4	0	21.7	
		12	0	23.4	1	24.0		20.3	0	21.7	
		12	7	23.5	1	24.0		20.3	0	21.7	
		12	13	23.5	1	24.0		20.4	0	21.7	
		25	0	23.4	1	24.0		20.2	0	21.7	
	16QAM	1	0	23.9	1	24.0		20.8	0	21.7	
		1	12	23.9	1	24.0		20.8	0	21.7	
		1	24	23.9	1	24.0		20.8	0	21.7	
		12	0	22.4	2	23.0		20.3	0	21.7	
		12	7	22.5	2	23.0		20.4	0	21.7	
		12	13	22.5	2	23.0		20.4	0	21.7	
	64QAM	25	0	22.4	2	23.0		20.3	0	21.7	
		1	0	22.7	2	23.0		20.7	0	21.7	
		1	12	22.7	2	23.0		20.8	0	21.7	
		1	24	22.7	2	23.0		20.7	0	21.7	
		12	0	21.4	3	22.0		20.3	0	21.7	
		12	7	21.5	3	22.0		20.3	0	21.7	
	256QAM	12	13	21.5	3	22.0		20.4	0	21.7	
		25	0	21.4	3	22.0		20.3	0	21.7	
		1	0	19.5	5	20.0		19.6	1.7	20.0	
		1	12	19.6	5	20.0		19.8	1.7	20.0	
		1	24	19.4	5	20.0		19.6	1.7	20.0	
		12	0	19.4	5	20.0		19.5	1.7	20.0	
		12	7	19.5	5	20.0		19.5	1.7	20.0	
		12	13	19.5	5	20.0		19.5	1.7	20.0	
		25	0	19.4	5	20.0		19.4	1.7	20.0	

LTE Band 30 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
10	QPSK	1	0	18.0	0	19.2		20.2	0	21.3	
		1	25	18.0	0	19.2		20.3	0	21.3	
		1	49	17.8	0	19.2		20.1	0	21.3	
		25	0	18.0	0	19.2		20.2	0	21.3	
		25	12	18.0	0	19.2		20.3	0	21.3	
		25	25	18.0	0	19.2		20.2	0	21.3	
		50	0	18.0	0	19.2		20.2	0	21.3	
	16QAM	1	0	17.9	0	19.2		20.2	0	21.3	
		1	25	18.0	0	19.2		20.3	0	21.3	
		1	49	17.9	0	19.2		20.2	0	21.3	
		25	0	17.7	0	19.2		20.0	0.6	20.7	
		25	12	17.6	0	19.2		19.9	0.6	20.7	
		25	25	17.6	0	19.2		19.9	0.6	20.7	
		50	0	17.6	0	19.2		19.8	0.6	20.7	
	64QAM	1	0	17.9	0	19.2		20.1	0.6	20.7	
		1	25	17.8	0	19.2		20.1	0.6	20.7	
		1	49	17.8	0	19.2		20.0	0.6	20.7	
		25	0	17.7	0	19.2		19.0	1.6	19.7	
		25	12	17.6	0	19.2		18.9	1.6	19.7	
		25	25	17.6	0	19.2		18.8	1.6	19.7	
	256QAM	50	0	17.6	0	19.2		18.9	1.6	19.7	
		1	0	17.1	1.5	17.7		17.0	3.6	17.7	
		1	25	17.1	1.5	17.7		17.1	3.6	17.7	
		1	49	16.9	1.5	17.7		16.9	3.6	17.7	
		25	0	17.0	1.5	17.7		16.9	3.6	17.7	
		25	12	16.9	1.5	17.7		16.9	3.6	17.7	
		25	25	16.8	1.5	17.7		16.9	3.6	17.7	
		50	0	16.9	1.5	17.7		16.8	3.6	17.7	
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				27710	MPR	Tune-up Limit		27710	MPR	Tune-up Limit	
				2310 MHz				2310 MHz			
5	QPSK	1	0	17.8	0	19.2		20.0	0	21.3	
		1	12	17.8	0	19.2		20.0	0	21.3	
		1	24	17.7	0	19.2		20.0	0	21.3	
		12	0	17.8	0	19.2		20.0	0	21.3	
		12	7	17.7	0	19.2		19.9	0	21.3	
		12	13	17.7	0	19.2		19.9	0	21.3	
		25	0	17.6	0	19.2		19.8	0	21.3	
	16QAM	1	0	18.1	0	19.2		20.4	0	21.3	
		1	12	18.0	0	19.2		20.3	0	21.3	
		1	24	18.0	0	19.2		20.3	0	21.3	
		12	0	17.8	0	19.2		20.0	0.6	20.7	
		12	7	17.7	0	19.2		19.9	0.6	20.7	
		12	13	17.7	0	19.2		19.9	0.6	20.7	
	64QAM	25	0	17.6	0	19.2		19.8	0.6	20.7	
		1	0	17.9	0	19.2		20.4	0.6	20.7	
		1	12	17.9	0	19.2		20.4	0.6	20.7	
		1	24	17.9	0	19.2		20.4	0.6	20.7	
		12	0	17.7	0	19.2		19.0	1.6	19.7	
		12	7	17.7	0	19.2		19.0	1.6	19.7	
	256QAM	12	13	17.6	0	19.2		18.9	1.6	19.7	
		25	0	17.6	0	19.2		18.9	1.6	19.7	
		1	0	17.1	1.5	17.7		17.2	3.6	17.7	
		1	12	17.1	1.5	17.7		17.2	3.6	17.7	
		1	24	16.9	1.5	17.7		17.0	3.6	17.7	
		12	0	17.0	1.5	17.7		17.0	3.6	17.7	
		12	7	16.9	1.5	17.7		17.0	3.6	17.7	
		12	13	16.9	1.5	17.7		16.9	3.6	17.7	
		25	0	16.9	1.5	17.7		16.9	3.6	17.7	

LTE Band 41 Power Class 3 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	24.3	24.1	23.9	23.9	23.9	0	25.7	21.7	21.6	21.4	21.4	21.4	0	22.1
		1	49	24.3	24.1	24.0	23.9	24.0	0	25.7	21.7	21.6	21.5	21.4	21.5	0	22.1
		1	99	24.2	24.1	23.9	23.9	24.0	0	25.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		50	0	24.1	23.9	23.8	23.7	23.8	1	24.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		50	24	24.1	23.9	23.8	23.7	23.8	1	24.7	21.8	21.6	21.5	21.5	21.6	0	22.1
		50	50	24.1	23.9	23.8	23.8	23.8	1	24.7	21.7	21.6	21.5	21.5	21.5	0	22.1
	16QAM	100	0	24.1	23.9	23.7	23.7	23.8	1	24.7	21.7	21.6	21.4	21.4	21.5	0	22.1
		1	0	24.2	24.1	23.8	23.8	23.8	1	24.7	21.9	21.8	21.4	21.4	21.5	0	22.1
		1	49	24.2	24.1	23.9	23.9	24.1	1	24.7	21.9	21.8	21.6	21.5	21.7	0	22.1
		1	99	24.2	24.1	23.8	23.8	24.0	1	24.7	21.9	21.8	21.5	21.4	21.7	0	22.1
		50	0	23.1	22.9	22.8	22.7	22.8	2	23.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		50	24	23.2	23.0	22.8	22.8	22.9	2	23.7	21.8	21.7	21.5	21.5	21.6	0	22.1
	64QAM	50	50	23.1	22.9	22.8	22.8	22.8	2	23.7	21.8	21.6	21.4	21.5	21.5	0	22.1
		100	0	23.1	22.9	22.7	22.7	22.8	2	23.7	21.8	21.6	21.4	21.4	21.5	0	22.1
		1	0	23.1	23.0	22.7	22.7	22.7	2	23.7	21.9	21.6	21.4	21.4	21.3	0	22.1
		1	49	23.1	23.0	22.9	22.7	22.9	2	23.7	21.9	21.5	21.5	21.5	21.5	0	22.1
		1	99	23.0	23.0	22.7	22.7	22.9	2	23.7	21.8	21.5	21.3	21.4	21.5	0	22.1
		50	0	22.1	22.0	21.8	21.7	21.8	3	22.7	21.8	21.6	21.4	21.4	21.5	0	22.1
	256QAM	50	24	22.1	22.0	21.8	21.7	21.8	3	22.7	21.8	21.6	21.4	21.5	21.5	0	22.1
		50	50	22.1	21.9	21.7	21.8	21.8	3	22.7	21.7	21.6	21.3	21.4	21.5	0	22.1
		100	0	22.1	21.9	21.8	21.7	21.8	3	22.7	21.7	21.5	21.4	21.4	21.5	0	22.1
		1	0	20.1	19.7	19.7	19.7	19.6	5	20.7	19.9	19.8	19.6	19.5	19.7	1.4	20.7
		1	49	20.2	19.9	19.8	19.8	19.8	5	20.7	20.0	19.9	19.7	19.7	19.9	1.4	20.7
		1	99	20.1	19.8	19.7	19.7	19.7	5	20.7	19.9	19.7	19.6	19.5	19.8	1.4	20.7
		50	0	20.1	19.9	19.8	19.7	19.8	5	20.7	20.0	19.8	19.7	19.7	19.7	1.4	20.7
		50	24	20.2	19.9	19.8	19.8	19.8	5	20.7	20.0	19.8	19.7	19.7	19.8	1.4	20.7
		50	50	20.1	19.9	19.7	19.7	19.8	5	20.7	20.0	19.8	19.6	19.7	19.8	1.4	20.7
		100	0	20.1	19.9	19.7	19.7	19.9	5	20.7	20.0	19.8	19.6	19.7	19.8	1.4	20.7
15	QPSK	1	0	24.3	24.0	23.9	23.9	23.9	0	25.7	21.8	21.6	21.4	21.3	21.4	0	22.1
		1	37	24.3	24.2	24.1	24.0	24.0	0	25.7	21.8	21.6	21.5	21.5	21.5	0	22.1
		1	74	24.3	24.0	23.9	23.9	24.0	0	25.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		36	0	24.1	23.9	23.8	23.7	23.8	1	24.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		36	20	24.1	23.9	23.8	23.8	23.8	1	24.7	21.8	21.6	21.5	21.5	21.5	0	22.1
		36	39	24.2	23.9	23.8	23.8	23.8	1	24.7	21.8	21.6	21.5	21.5	21.5	0	22.1
	16QAM	75	0	24.1	23.9	23.7	23.7	23.8	1	24.7	21.8	21.6	21.4	21.4	21.5	0	22.1
		1	0	24.2	23.8	23.8	23.7	23.6	1	24.7	21.8	21.4	21.5	21.4	21.3	0	22.1
		1	37	24.2	23.9	23.9	23.8	23.8	1	24.7	21.8	21.6	21.6	21.4	21.5	0	22.1
		1	74	24.2	23.8	23.9	23.7	23.7	1	24.7	21.8	21.5	21.5	21.4	21.4	0	22.1
		36	0	23.1	22.9	22.8	22.7	22.8	2	23.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		36	20	23.2	22.9	22.8	22.8	22.9	2	23.7	21.8	21.7	21.5	21.5	21.5	0	22.1
	64QAM	36	39	23.1	22.9	22.8	22.8	22.8	2	23.7	21.8	21.6	21.5	21.5	21.5	0	22.1
		75	0	23.1	22.9	22.7	22.7	22.8	2	23.7	21.8	21.6	21.4	21.4	21.5	0	22.1
		1	0	23.2	22.8	22.8	22.7	22.7	2	23.7	21.7	21.5	21.4	21.4	21.4	0	22.1
		1	37	23.2	23.0	22.9	22.8	22.8	2	23.7	21.7	21.6	21.4	21.4	21.6	0	22.1
		1	74	23.1	22.8	22.8	22.8	22.9	2	23.7	21.7	21.5	21.4	21.4	21.5	0	22.1
		36	0	22.1	21.9	21.8	21.7	21.8	3	22.7	21.7	21.5	21.4	21.4	21.5	0	22.1
	256QAM	36	20	22.1	22.0	21.8	21.8	21.8	3	22.7	21.8	21.6	21.4	21.5	21.5	0	22.1
		36	39	22.1	21.9	21.8	21.8	21.8	3	22.7	21.7	21.5	21.4	21.4	21.5	0	22.1
		75	0	22.1	21.9	21.8	21.8	21.8	3	22.7	21.7	21.5	21.4	21.4	21.5	0	22.1
		1	0	20.1	19.8	19.7	19.6	19.7	5	20.7	20.0	19.8	19.6	19.6	19.6	1.4	20.7
		1	37	20.1	19.8	19.8	19.7	19.8	5	20.7	20.0	19.8	19.7	19.7	19.8	1.4	20.7
		1	74	20.0	20.0	19.6	19.6	19.7	5	20.7	19.9	19.7	19.5	19.7	19.7	1.4	20.7
		36	0	20.1	19.9	19.8	19.7	19.8	5	20.7	20.0	19.8	19.7	19.7	19.8	1.4	20.7
		36	20	20.1	20.0	19.8	19.8	19.8	5	20.7	20.0	19.8	19.7	19.7	19.8	1.4	20.7
		36	39	20.1	19.9	19.7	19.8	19.8	5	20.7	20.0	19.8	19.6	19.7	19.7	1.4	20.7
		75	0	20.1	19.9	19.8	19.7	19.8	5	20.7	20.0	19.8	19.6	19.6	19.8	1.4	20.7

LTE Band 41 Power Class 3 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MFR	Tune-up Limit	39750	40185	40620	41055	41490	MFR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	24.3	24.1	24.0	23.9	23.9	0	25.7	21.8	21.5	21.5	21.3	21.4	0	22.1
		1	25	24.3	24.1	24.1	24.0	24.0	0	25.7	21.7	21.6	21.5	21.4	21.5	0	22.1
		1	49	24.3	24.1	23.9	23.9	24.0	0	25.7	21.7	21.5	21.4	21.3	21.4	0	22.1
		25	0	24.1	23.9	23.9	23.8	23.8	1	24.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		25	12	24.1	24.0	23.8	23.8	23.9	1	24.7	21.8	21.6	21.5	21.5	21.5	0	22.1
		25	25	24.1	24.0	23.8	23.8	23.9	1	24.7	21.8	21.6	21.5	21.5	21.5	0	22.1
	16QAM	50	0	24.1	23.9	23.8	23.8	23.8	1	24.7	21.8	21.6	21.4	21.4	21.5	0	22.1
		1	0	24.2	23.8	23.8	23.8	23.7	1	24.7	21.8	21.5	21.5	21.5	21.3	0	22.1
		1	25	24.3	23.9	23.8	23.9	23.8	1	24.7	21.8	21.5	21.5	21.5	21.5	0	22.1
		1	49	24.2	23.8	23.9	23.8	23.8	1	24.7	21.8	21.4	21.5	21.4	21.4	0	22.1
		25	0	23.2	23.0	22.9	22.8	22.8	2	23.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		25	12	23.2	23.0	22.8	22.8	22.9	2	23.7	21.8	21.6	21.4	21.5	21.5	0	22.1
	64QAM	25	25	23.1	23.0	22.8	22.8	22.9	2	23.7	21.8	21.6	21.5	21.5	21.5	0	22.1
		50	0	23.1	22.9	22.8	22.8	22.9	2	23.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		1	0	23.0	22.9	22.7	22.7	22.7	2	23.7	21.8	21.6	21.4	21.3	21.3	0	22.1
		1	25	23.1	23.0	22.8	22.7	22.8	2	23.7	21.8	21.7	21.4	21.4	21.5	0	22.1
		1	49	23.1	22.9	22.7	22.7	22.7	2	23.7	21.7	21.5	21.4	21.4	21.4	0	22.1
		25	0	22.1	21.9	21.8	21.7	21.8	3	22.7	21.8	21.6	21.5	21.4	21.5	0	22.1
	256QAM	25	12	22.1	22.0	21.8	21.8	21.8	3	22.7	21.8	21.7	21.5	21.5	21.5	0	22.1
		25	25	22.1	22.0	21.8	21.8	21.8	3	22.7	21.8	21.6	21.5	21.5	21.5	0	22.1
		50	0	22.1	22.0	21.8	21.7	21.8	3	22.7	21.8	21.7	21.5	21.5	21.5	0	22.1
		1	0	20.0	19.8	19.7	19.6	19.6	5	20.7	20.1	19.8	19.7	19.7	19.7	1.4	20.7
		1	25	20.0	19.9	19.7	19.7	19.7	5	20.7	20.1	19.9	19.8	19.7	19.7	1.4	20.7
		1	49	19.9	19.8	19.6	19.6	19.7	5	20.7	20.0	19.8	19.7	19.6	19.6	1.4	20.7
		25	0	20.1	19.9	19.8	19.7	19.7	5	20.7	20.1	19.9	19.8	19.7	19.8	1.4	20.7
		25	12	20.1	20.0	19.7	19.7	19.8	5	20.7	20.1	20.0	19.8	19.8	19.8	1.4	20.7
		25	25	20.1	19.9	19.7	19.7	19.8	5	20.7	20.1	19.9	19.8	19.7	19.8	1.4	20.7
		50	0	20.1	19.9	19.7	19.7	19.8	5	20.7	20.1	19.9	19.7	19.7	19.8	1.4	20.7
5	QPSK	1	0	24.4	24.1	24.1	24.0	24.0	0	25.7	21.8	21.7	21.5	21.4	21.4	0	22.1
		1	12	24.4	24.2	24.1	24.0	24.1	0	25.7	21.8	21.6	21.5	21.5	21.5	0	22.1
		1	24	24.3	24.1	24.0	24.0	24.0	0	25.7	21.8	21.6	21.5	21.5	21.4	0	22.1
		12	0	24.1	24.0	23.9	23.8	23.9	1	24.7	21.8	21.6	21.6	21.5	21.5	0	22.1
		12	7	24.1	24.0	23.9	23.8	23.9	1	24.7	21.8	21.7	21.6	21.5	21.5	0	22.1
		12	13	24.1	24.0	23.8	23.8	23.9	1	24.7	21.8	21.6	21.5	21.5	21.5	0	22.1
	16QAM	25	0	24.1	23.9	23.8	23.7	23.8	1	24.7	21.8	21.6	21.4	21.4	21.5	0	22.1
		1	0	24.2	24.0	24.0	23.8	23.9	1	24.7	21.9	21.7	21.7	21.5	21.5	0	22.1
		1	12	24.2	24.1	24.1	23.9	23.9	1	24.7	21.8	21.7	21.7	21.5	21.6	0	22.1
		1	24	24.2	23.9	24.0	23.8	23.9	1	24.7	21.8	21.6	21.6	21.4	21.5	0	22.1
		12	0	23.1	23.0	22.9	22.8	22.9	2	23.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		12	7	23.2	23.0	22.9	22.8	22.9	2	23.7	21.8	21.6	21.6	21.4	21.5	0	22.1
	64QAM	12	13	23.1	23.0	22.8	22.8	22.9	2	23.7	21.8	21.6	21.5	21.4	21.5	0	22.1
		25	0	23.1	23.0	22.8	22.8	22.9	2	23.7	21.8	21.7	21.4	21.4	21.5	0	22.1
		1	0	23.1	23.0	22.8	22.7	22.8	2	23.7	21.7	21.5	21.4	21.4	21.4	0	22.1
		1	12	23.2	23.0	22.8	22.8	22.9	2	23.7	21.7	21.6	21.4	21.3	21.4	0	22.1
		1	24	23.0	22.9	22.8	22.7	22.9	2	23.7	21.7	21.6	21.6	21.4	21.5	0	22.1
		12	0	22.1	21.9	21.9	21.7	21.8	3	22.7	21.8	21.6	21.4	21.3	21.5	0	22.1
	256QAM	12	7	22.1	21.9	21.9	21.7	21.9	3	22.7	21.8	21.6	21.4	21.3	21.5	0	22.1
		12	13	22.1	21.9	21.8	21.7	21.8	3	22.7	21.8	21.6	21.4	21.4	21.5	0	22.1
		25	0	22.1	21.9	21.8	21.7	21.8	3	22.7	21.8	21.6	21.4	21.4	21.5	0	22.1
		1	0	20.1	19.9	19.7	19.7	19.7	5	20.7	20.1	19.8	19.5	19.7	19.7	1.4	20.7
		1	12	20.1	20.1	19.8	19.8	19.9	5	20.7	20.1	19.9	19.7	19.8	19.7	1.4	20.7
		1	24	20.1	19.8	19.6	19.7	19.7	5	20.7	20.2	19.9	19.7	19.8	19.8	1.4	20.7
		12	0	20.1	20.0	19.8	19.7	19.8	5	20.7	20.0	19.8	19.7	19.7	19.7	1.4	20.7
		12	7	20.1	20.0	19.9	19.8	19.8	5	20.7	20.0	19.8	19.7	19.7	19.8	1.4	20.7
		12	13	20.1	19.9	19.8	19.7	19.8	5	20.7	20.0	19.8	19.7	19.7	19.7	1.4	20.7
		25	0	20.1	19.9	19.8	19.7	19.8	5	20.7	20.0	19.8	19.7	19.7	19.8	1.4	20.7

LTE Band 41 Power Class 3 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MFR	Tune-up Limit	39750	40185	40620	41055	41490	MFR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	20.1	20.1	19.9	19.7	19.6	0	21.5	20.7	20.7	20.6	20.6	20.3	0	22.3
		1	49	20.2	20.1	20.0	19.8	19.7	0	21.5	20.8	20.7	20.7	20.8	20.3	0	22.3
		1	99	20.2	20.1	19.9	19.7	19.7	0	21.5	20.8	20.8	20.6	20.6	20.3	0	22.3
		50	0	20.2	20.1	20.0	19.8	19.7	0	21.5	20.8	20.7	20.7	20.6	20.4	0	22.3
		50	24	20.2	20.1	20.0	19.9	19.8	0	21.5	20.8	20.8	20.6	20.9	20.4	0	22.3
		50	50	20.1	20.0	19.9	19.9	19.7	0	21.5	20.8	20.7	20.6	20.6	20.4	0	22.3
		100	0	20.2	20.0	20.0	19.8	19.7	0	21.5	20.8	20.7	20.7	20.6	20.4	0	22.3
	16QAM	1	0	20.2	20.2	19.9	19.9	19.9	0	21.5	21.1	21.0	20.8	20.7	20.4	0	22.3
		1	49	20.3	20.3	20.1	20.0	20.1	0	21.5	21.2	21.0	20.9	20.8	20.5	0	22.3
		1	99	20.1	20.2	20.1	19.9	20.1	0	21.5	21.1	20.9	20.9	20.7	20.4	0	22.3
		50	0	20.2	20.1	20.0	19.9	19.8	0	21.5	21.0	20.9	20.8	20.6	20.5	0	22.3
		50	24	20.2	20.0	20.1	20.0	19.9	0	21.5	21.0	20.9	20.8	20.6	20.5	0	22.3
		50	50	20.1	20.0	19.9	20.0	19.8	0	21.5	20.9	20.8	20.8	20.6	20.4	0	22.3
		100	0	20.1	20.0	20.0	19.9	19.9	0	21.5	20.9	20.9	20.7	20.6	20.5	0	22.3
	64QAM	1	0	20.0	20.0	19.8	19.6	19.6	0	21.5	20.8	20.8	20.6	20.4	20.4	0	22.3
		1	49	20.0	20.1	19.9	19.8	19.8	0	21.5	20.9	20.8	20.8	20.5	20.6	0	22.3
		1	99	20.1	20.1	19.9	19.7	19.7	0	21.5	20.8	20.8	20.6	20.5	20.5	0	22.3
		50	0	20.1	20.0	19.9	19.8	19.7	0	21.5	20.9	20.8	20.8	20.6	20.4	0	22.3
		50	24	20.1	19.9	19.9	19.8	19.8	0	21.5	20.8	20.9	20.7	20.6	20.5	0	22.3
		50	50	20.0	19.9	19.8	19.8	19.6	0	21.5	20.8	20.7	20.7	20.5	20.4	0	22.3
		100	0	20.1	19.9	19.9	19.8	19.7	0	21.5	20.8	20.8	20.7	20.6	20.5	0	22.3
	256QAM	1	0	20.1	19.8	19.8	19.8	19.6	0.8	20.7	20.1	19.8	19.8	19.8	19.5	1.6	20.7
		1	49	20.2	19.9	19.9	19.9	19.7	0.8	20.7	20.2	19.9	19.9	19.9	19.6	1.6	20.7
		1	99	20.0	19.8	19.7	19.7	19.6	0.8	20.7	20.0	19.8	19.8	19.7	19.5	1.6	20.7
		50	0	20.0	20.0	19.9	19.8	19.7	0.8	20.7	20.1	20.0	19.9	19.8	19.6	1.6	20.7
		50	24	20.1	20.0	19.9	19.8	19.7	0.8	20.7	20.0	20.0	19.9	19.8	19.7	1.6	20.7
		50	50	20.0	19.9	19.8	19.8	19.7	0.8	20.7	20.0	19.9	19.8	19.7	19.6	1.6	20.7
		100	0	20.2	19.9	19.9	19.8	19.7	0.8	20.7	20.0	20.0	19.8	19.8	19.6	1.6	20.7
15	QPSK	1	0	20.1	20.0	19.9	19.8	19.7	0	21.5	21.0	20.8	20.7	20.5	20.4	0	22.3
		1	37	20.1	20.0	20.0	19.9	19.8	0	21.5	20.9	20.9	20.8	20.6	20.5	0	22.3
		1	74	20.1	19.9	19.9	19.9	19.7	0	21.5	20.9	20.9	20.8	20.6	20.4	0	22.3
		36	0	20.1	20.0	20.0	19.8	19.8	0	21.5	21.0	20.9	20.8	20.6	20.5	0	22.3
		36	20	20.1	20.0	20.0	19.9	19.8	0	21.5	20.9	20.9	20.8	20.6	20.5	0	22.3
		36	39	20.1	20.0	19.9	19.9	19.8	0	21.5	20.9	20.8	20.7	20.5	20.5	0	22.3
		75	0	20.1	19.9	19.9	19.9	19.8	0	21.5	20.8	20.8	20.7	20.6	20.4	0	22.3
	16QAM	1	0	20.0	19.8	19.8	19.8	19.7	0	21.5	20.9	20.8	20.8	20.4	20.5	0	22.3
		1	37	20.1	20.0	20.0	19.9	19.8	0	21.5	20.9	20.9	20.9	20.6	20.5	0	22.3
		1	74	20.1	19.9	20.0	19.8	19.8	0	21.5	20.9	20.8	20.8	20.5	20.4	0	22.3
		36	0	20.1	20.0	20.0	19.8	19.8	0	21.5	21.0	20.9	20.8	20.6	20.5	0	22.3
		36	20	20.2	19.9	20.0	19.9	19.9	0	21.5	20.9	20.9	20.8	20.6	20.5	0	22.3
		36	39	20.0	19.9	19.9	19.9	19.9	0	21.5	20.9	20.8	20.8	20.5	20.5	0	22.3
		75	0	20.1	19.9	19.9	19.9	19.9	0	21.5	20.9	20.9	20.7	20.6	20.4	0	22.3
	64QAM	1	0	20.1	19.9	19.8	19.7	19.6	0	21.5	20.9	20.7	20.6	20.6	20.3	0	22.3
		1	37	20.2	20.1	20.0	19.9	19.8	0	21.5	21.0	20.8	20.8	20.7	20.4	0	22.3
		1	74	20.1	19.9	19.9	19.8	19.7	0	21.5	20.9	20.8	20.7	20.5	20.3	0	22.3
		36	0	20.1	20.0	19.9	19.8	19.7	0	21.5	20.9	20.8	20.7	20.6	20.4	0	22.3
		36	20	20.1	20.0	20.0	19.8	19.8	0	21.5	20.8	20.8	20.7	20.6	20.5	0	22.3
		36	39	20.1	19.9	19.8	19.8	19.7	0	21.5	20.8	20.7	20.7	20.5	20.4	0	22.3
		75	0	20.1	19.9	19.9	19.8	19.7	0	21.5	20.8	20.8	20.7	20.6	20.4	0	22.3
	256QAM	1	0	20.1	19.9	19.8	19.8	19.7	0.8	20.7	19.9	19.9	19.8	19.6	19.5	1.6	20.7
		1	37	20.2	20.0	19.9	19.8	19.8	0.8	20.7	20.1	20.0	19.9	19.7	19.7	1.6	20.7
		1	74	20.1	19.9	19.7	19.7	19.6	0.8	20.7	20.0	19.9	19.7	19.7	19.5	1.6	20.7
		36	0	20.1	20.0	19.9	19.8	19.8	0.8	20.7	20.1	20.0	19.9	19.7	19.6	1.6	20.7
		36	20	20.1	20.0	19.9	19.8	19.8	0.8	20.7	20.0	20.0	19.9	19.8	19.6	1.6	20.7
		36	39	20.0	20.0	19.9	19.8	19.8	0.8	20.7	20.0	20.0	19.9	19.7	19.6	1.6	20.7
		75	0	20.1	20.0	19.9	19.8	19.8	0.8	20.7	20.0	20.0	19.8	19.7	19.6	1.6	20.7

LTE Band 41 Power Class 3 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MFR	Tune-up Limit	39750	40185	40620	41055	41490	MFR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	20.0	19.9	19.9	19.7	19.7	0	21.5	20.9	20.8	20.7	20.6	20.4	0	22.3
		1	25	20.1	20.0	20.0	19.8	19.7	0	21.5	20.9	20.9	20.8	20.6	20.4	0	22.3
		1	49	20.0	19.9	19.9	19.8	19.7	0	21.5	20.9	20.8	20.8	20.5	20.4	0	22.3
		25	0	20.1	20.0	19.9	19.8	19.8	0	21.5	21.0	20.9	20.8	20.6	20.5	0	22.3
		25	12	20.1	19.9	20.0	19.8	19.8	0	21.5	20.9	20.9	20.8	20.6	20.5	0	22.3
		25	25	20.0	19.9	19.9	19.8	19.8	0	21.5	20.9	20.8	20.8	20.7	20.5	0	22.3
	16QAM	50	0	20.1	19.9	19.9	19.9	19.8	0	21.5	20.9	20.9	20.7	20.6	20.5	0	22.3
		1	0	20.0	19.9	19.8	19.9	19.7	0	21.5	20.9	21.0	20.9	20.4	20.4	0	22.3
		1	25	20.1	19.9	19.9	19.9	19.7	0	21.5	20.9	21.0	20.9	20.6	20.6	0	22.3
		1	49	20.1	19.8	19.8	19.8	19.6	0	21.5	20.9	20.9	20.8	20.5	20.5	0	22.3
		25	0	20.1	19.9	20.0	19.8	19.8	0	21.5	21.0	20.9	20.8	20.6	20.5	0	22.3
		25	12	20.1	19.9	19.9	19.8	19.8	0	21.5	20.9	20.9	20.8	20.6	20.5	0	22.3
	64QAM	25	25	20.0	19.9	19.9	19.9	19.8	0	21.5	20.9	20.8	20.8	20.7	20.5	0	22.3
		50	0	20.1	19.9	19.9	19.8	19.8	0	21.5	20.9	20.9	20.8	20.7	20.5	0	22.3
		1	0	20.0	20.0	19.8	19.7	19.7	0	21.5	20.8	20.7	20.6	20.5	20.4	0	22.3
		1	25	20.0	20.0	19.9	19.8	19.8	0	21.5	20.9	20.7	20.7	20.6	20.4	0	22.3
		1	49	20.1	19.9	19.8	19.8	19.7	0	21.5	20.8	20.7	20.6	20.5	20.3	0	22.3
		25	0	20.1	20.0	19.9	19.8	19.7	0	21.5	20.9	20.8	20.7	20.6	20.4	0	22.3
	256QAM	25	12	20.2	20.0	20.0	19.8	19.8	0	21.5	20.9	20.8	20.7	20.6	20.5	0	22.3
		25	25	20.0	20.0	19.9	19.8	19.8	0	21.5	20.8	20.8	20.7	20.6	20.6	0	22.3
		50	0	20.1	19.9	19.9	19.8	19.8	0	21.5	20.8	20.8	20.7	20.6	20.5	0	22.3
		1	0	20.0	19.9	19.8	19.7	19.7	0.8	20.7	20.0	19.9	19.8	19.7	19.6	1.6	20.7
		1	25	20.0	20.0	19.9	19.8	19.7	0.8	20.7	20.0	20.0	19.9	19.8	19.6	1.6	20.7
		1	49	19.9	19.8	19.8	19.6	19.5	0.8	20.7	19.9	19.8	19.6	19.6	19.5	1.6	20.7
		25	0	20.1	20.0	19.9	19.8	19.7	0.8	20.7	20.1	20.0	19.9	19.8	19.7	1.6	20.7
		25	12	20.2	19.9	20.0	19.8	19.8	0.8	20.7	20.1	20.0	19.9	19.8	19.8	1.6	20.7
		25	25	20.1	20.0	19.9	19.9	19.8	0.8	20.7	20.0	19.9	19.9	19.8	19.7	1.6	20.7
		50	0	20.1	19.9	19.9	19.8	19.8	0.8	20.7	20.0	20.0	19.8	19.8	19.7	1.6	20.7
5	QPSK	1	0	19.8	20.0	19.8	19.7	19.7	0	21.5	21.0	20.9	20.9	20.7	20.5	0	22.3
		1	12	19.7	20.0	19.9	19.8	19.7	0	21.5	21.0	20.9	20.9	20.7	20.5	0	22.3
		1	24	19.8	20.1	19.9	19.9	19.8	0	21.5	20.9	20.9	20.8	20.6	20.4	0	22.3
		12	0	19.7	20.0	19.8	19.7	19.7	0	21.5	21.0	20.9	20.8	20.7	20.6	0	22.3
		12	7	19.7	20.0	19.9	19.7	19.7	0	21.5	21.0	20.9	20.9	20.7	20.5	0	22.3
		12	13	19.7	20.1	19.8	19.7	19.7	0	21.5	20.9	20.9	20.8	20.7	20.6	0	22.3
	16QAM	25	0	19.8	20.1	19.9	19.8	19.7	0	21.5	20.9	20.9	20.7	20.7	20.5	0	22.3
		1	0	19.8	20.1	19.9	19.8	19.8	0	21.5	21.2	21.0	20.9	20.9	20.6	0	22.3
		1	12	19.9	20.1	19.9	19.9	19.9	0	21.5	21.3	21.0	20.9	20.9	20.6	0	22.3
		1	24	20.0	20.2	20.0	20.1	19.9	0	21.5	21.1	20.9	20.9	20.8	20.5	0	22.3
		12	0	19.7	20.0	19.8	19.8	19.7	0	21.5	21.0	21.0	20.9	20.7	20.5	0	22.3
		12	7	19.7	20.0	19.9	19.8	19.8	0	21.5	21.0	20.9	20.9	20.7	20.6	0	22.3
	64QAM	12	13	19.8	20.0	19.9	19.8	19.8	0	21.5	20.9	20.9	20.8	20.6	20.5	0	22.3
		25	0	19.8	20.0	19.9	19.8	19.7	0	21.5	20.9	20.9	20.7	20.6	20.5	0	22.3
		1	0	20.1	20.1	19.9	19.7	19.7	0	21.5	20.7	20.9	20.7	20.5	20.4	0	22.3
		1	12	19.9	20.1	19.9	19.7	19.8	0	21.5	20.8	20.8	20.8	20.6	20.5	0	22.3
		1	24	20.0	20.2	20.0	19.8	19.8	0	21.5	20.8	20.9	20.9	20.6	20.6	0	22.3
		12	0	20.0	20.1	20.0	19.8	19.7	0	21.5	20.8	20.8	20.7	20.5	20.4	0	22.3
	256QAM	12	7	20.0	20.0	20.0	19.8	19.8	0	21.5	20.8	20.8	20.8	20.5	20.4	0	22.3
		12	13	20.0	20.1	20.0	19.8	19.7	0	21.5	20.8	20.8	20.8	20.5	20.4	0	22.3
		25	0	19.9	20.1	20.0	19.8	19.7	0	21.5	20.7	20.8	20.7	20.6	20.4	0	22.3
		1	0	19.9	20.0	19.9	19.8	19.6	0.8	20.7	19.9	20.0	19.9	19.7	19.6	1.6	20.7
		1	12	20.0	20.0	19.9	19.9	19.6	0.8	20.7	19.9	20.1	19.9	19.8	19.7	1.6	20.7
		1	24	20.1	20.2	20.0	19.9	19.7	0.8	20.7	20.0	20.2	20.0	19.8	19.8	1.6	20.7
		12	0	20.0	20.0	19.9	19.8	19.7	0.8	20.7	20.0	20.0	19.9	19.7	19.6	1.6	20.7
		12	7	20.0	20.0	19.9	19.8	19.7	0.8	20.7	20.0	20.0	19.9	19.7	19.6	1.6	20.7
		12	13	20.0	20.1	19.9	19.7	19.7	0.8	20.7	20.0	20.0	19.9	19.7	19.6	1.6	20.7
		25	0	20.0	20.0	19.9	19.8	19.8	0.8	20.7	19.9	20.0	19.9	19.8	19.7	1.6	20.7

LTE Band 41 Power Class 3 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MFR	Tune-up Limit	39750	40185	40620	41055	41490	MFR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	24.3	24.3	24.0	24.0	24.0	0	25.7	21.1	21.3	21.2	20.8	20.8	0	22.7
		1	49	24.5	24.3	24.1	24.0	24.1	0	25.7	21.4	21.3	21.3	20.9	21.0	0	22.7
		1	99	24.6	24.3	24.0	24.0	24.1	0	25.7	21.6	21.2	21.2	20.9	20.9	0	22.7
		50	0	24.2	24.2	23.9	23.8	23.9	1	24.7	21.3	21.3	21.3	21.0	20.9	0	22.7
		50	24	24.3	24.2	23.9	23.9	24.0	1	24.7	21.5	21.3	21.3	21.0	21.0	0	22.7
		50	50	24.3	24.1	23.9	23.9	24.0	1	24.7	21.3	21.3	21.3	21.0	21.0	0	22.7
	16QAM	100	0	24.2	24.1	23.9	23.9	23.9	1	24.7	21.4	21.2	21.4	20.9	20.9	0	22.7
		1	0	24.3	24.6	24.2	24.0	24.0	1	24.7	21.1	21.4	21.0	20.9	21.0	0	22.7
		1	49	24.6	24.7	24.2	24.1	24.1	1	24.7	21.4	21.4	21.1	21.1	21.2	0	22.7
		1	99	24.7	24.6	24.2	24.1	24.1	1	24.7	21.4	21.3	20.9	20.9	21.1	0	22.7
		50	0	23.4	23.4	23.2	23.0	22.9	2	23.7	21.2	21.2	21.0	21.0	20.9	0	22.7
		50	24	23.4	23.4	23.2	23.1	23.0	2	23.7	21.3	21.2	21.0	21.0	21.0	0	22.7
	64QAM	50	50	23.5	23.3	23.1	23.0	22.9	2	23.7	21.3	21.1	20.9	21.0	21.0	0	22.7
		100	0	23.4	23.4	23.1	23.0	22.9	2	23.7	21.3	21.1	21.0	21.0	20.9	0	22.7
		1	0	23.0	23.3	23.1	22.9	22.8	2	23.7	21.0	21.3	20.9	20.8	20.9	0	22.7
		1	49	23.4	23.3	23.2	22.9	22.9	2	23.7	21.3	21.3	21.0	20.9	20.9	0	22.7
		1	99	23.4	23.3	23.2	23.0	22.9	2	23.7	21.4	21.2	20.9	20.8	20.9	0	22.7
		50	0	22.3	22.3	22.1	21.9	21.9	3	22.7	21.2	21.2	21.0	20.9	20.9	0	22.7
	256QAM	50	24	22.4	22.3	22.1	22.0	22.0	3	22.7	21.3	21.2	21.0	21.0	21.0	0	22.7
		50	50	22.4	22.2	22.0	22.0	21.9	3	22.7	21.3	21.1	20.9	20.9	20.9	0	22.7
		100	0	22.3	22.2	22.1	22.0	21.9	3	22.7	21.3	21.1	21.0	20.9	20.9	0	22.7
		1	0	20.1	20.2	19.9	19.9	19.8	5	20.7	20.0	20.1	19.9	19.9	19.7	2	20.7
		1	49	20.5	20.3	20.0	20.0	19.9	5	20.7	20.4	20.1	20.0	20.0	19.9	2	20.7
		1	99	20.3	20.2	19.9	19.9	19.8	5	20.7	20.4	20.0	19.8	19.9	19.7	2	20.7
		50	0	20.2	20.3	20.1	19.9	19.9	5	20.7	20.2	20.2	20.0	19.9	19.9	2	20.7
		50	24	20.4	20.3	20.1	20.0	20.0	5	20.7	20.3	20.2	20.0	20.0	19.9	2	20.7
		50	50	20.3	20.2	20.0	19.9	20.0	5	20.7	20.3	20.1	19.9	19.9	19.9	2	20.7
		100	0	20.3	20.2	20.1	19.9	19.9	5	20.7	20.3	20.1	20.0	19.9	19.9	2	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MFR	Tune-up Limit	39750	40185	40620	41055	41490	MFR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15	QPSK	1	0	24.5	24.5	24.3	24.2	24.0	0	25.7	21.0	21.2	20.9	20.9	20.8	0	22.7
		1	37	24.7	24.6	24.5	24.3	24.1	0	25.7	21.1	21.3	21.0	21.0	21.0	0	22.7
		1	74	24.7	24.5	24.3	24.2	24.1	0	25.7	21.0	21.2	20.9	21.0	20.9	0	22.7
		36	0	24.4	24.4	24.2	24.0	23.9	1	24.7	21.0	21.3	21.0	20.9	20.9	0	22.7
		36	20	24.4	24.4	24.2	24.0	24.0	1	24.7	21.0	21.2	21.0	20.9	20.9	0	22.7
		36	39	24.4	24.3	24.1	24.1	23.9	1	24.7	21.0	21.2	21.0	21.0	20.9	0	22.7
	16QAM	75	0	24.4	24.4	24.1	24.0	23.9	1	24.7	21.0	21.2	20.9	20.9	20.9	0	22.7
		1	0	24.3	24.3	24.1	24.0	23.9	1	24.7	21.1	21.3	21.0	21.0	20.9	0	22.7
		1	37	24.5	24.3	24.3	24.1	23.9	1	24.7	21.3	21.3	21.2	21.1	21.1	0	22.7
		1	74	24.6	24.3	24.1	24.0	23.9	1	24.7	21.2	21.3	21.1	21.2	21.0	0	22.7
		36	0	23.4	23.4	23.2	23.1	22.9	2	23.7	21.0	21.3	21.0	20.9	20.9	0	22.7
		36	20	23.5	23.4	23.2	23.1	23.0	2	23.7	21.1	21.2	21.0	21.0	20.9	0	22.7
	64QAM	36	39	23.5	23.3	23.1	23.1	23.0	2	23.7	21.0	21.2	21.0	21.0	21.0	0	22.7
		75	0	23.4	23.4	23.1	23.1	22.9	2	23.7	21.0	21.2	21.0	21.0	20.9	0	22.7
		1	0	23.2	23.3	23.0	22.8	22.9	2	23.7	21.1	21.1	20.9	20.9	20.8	0	22.7
		1	37	23.4	23.4	23.2	23.0	23.0	2	23.7	21.3	21.2	21.0	20.9	21.0	0	22.7
		1	74	23.4	23.4	23.1	23.0	22.9	2	23.7	21.4	21.1	20.9	20.9	20.8	0	22.7
		36	0	22.3	22.3	22.1	21.9	21.9	3	22.7	21.2	21.2	21.0	20.9	20.9	0	22.7
	256QAM	36	20	22.4	22.2	22.1	22.0	22.0	3	22.7	21.3	21.1	21.0	20.9	20.9	0	22.7
		36	39	22.4	22.2	22.0	22.0	22.0	3	22.7	21.3	21.1	20.9	20.9	20.9	0	22.7
		75	0	22.3	22.2	22.1	22.0	22.0	3	22.7	21.3	21.1	21.0	20.9	20.9	0	22.7
		1	0	20.1	20.3	19.9	19.9	19.8	5	20.7	20.1	20.2	19.9	19.9	19.8	2	20.7
		1	37	20.3	20.3	20.0	19.9	20.0	5	20.7	20.3	20.2	19.9	19.9	19.9	2	20.7
		1	74	20.3	20.2	19.9	19.8	19.9	5	20.7	20.2	20.0	19.7	19.8	19.8	2	20.7
		36	0	20.2	20.3	20.1	19.9	19.9	5	20.7	20.2	20.2	20.0	19.9	19.9	2	20.7
		36	20	20.4	20.3	20.1	20.0	20.0	5	20.7	20.3	20.1	20.0	20.0	19.9	2	20.7
		36	39	20.3	20.2	20.0	20.0	19.9	5	20.7	20.2	20.1	19.9	19.9	19.9	2	20.7
		75	0	20.3	20.2	20.1	19.9	19.9	5	20.7	20.3	20.1	20.0	19.9	19.9	2	20.7

LTE Band 41 Power Class 3 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)									
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit				
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz						
10	QPSK	1	0	24.5	24.5	24.3	24.1	24.0	0	25.7	21.2	21.2	21.0	20.9	20.8	0	22.7				
		1	25	24.7	24.5	24.4	24.2	24.1	0	25.7	21.3	21.3	21.0	20.9	20.9	0	22.7				
		1	49	24.7	24.4	24.3	24.1	24.0	0	25.7	21.3	21.1	21.0	20.9	20.8	0	22.7				
		25	0	24.4	24.4	24.1	24.0	23.9	1	24.7	21.3	21.2	21.0	21.0	20.9	0	22.7				
		25	12	24.4	24.4	24.1	24.0	24.0	1	24.7	21.4	21.2	21.1	21.0	20.9	0	22.7				
		25	25	24.5	24.3	24.1	24.1	23.9	1	24.7	21.3	21.2	21.1	21.0	20.9	0	22.7				
	16QAM	50	0	24.4	24.4	24.1	24.0	23.9	1	24.7	21.3	21.2	21.1	20.9	20.9	0	22.7				
		1	0	24.5	24.2	24.2	24.1	23.8	1	24.7	21.3	21.2	21.0	21.0	20.7	0	22.7				
		1	25	24.6	24.3	24.2	24.1	23.8	1	24.7	21.4	21.2	21.1	21.1	20.8	0	22.7				
		1	49	24.6	24.2	24.1	24.0	23.8	1	24.7	21.5	21.1	21.0	21.0	20.7	0	22.7				
		25	0	23.4	23.4	23.2	23.0	23.0	2	23.7	21.3	21.3	21.1	21.0	20.9	0	22.7				
		25	12	23.4	23.4	23.1	23.1	23.0	2	23.7	21.4	21.3	21.1	21.0	20.9	0	22.7				
	64QAM	25	25	23.4	23.3	23.1	23.1	22.9	2	23.7	21.3	21.2	21.1	21.0	20.9	0	22.7				
		50	0	23.4	23.4	23.1	23.0	22.9	2	23.7	21.4	21.2	21.1	21.0	20.9	0	22.7				
		1	0	23.2	23.3	23.0	22.8	22.8	2	23.7	21.3	21.2	21.0	20.9	20.8	0	22.7				
		1	25	23.3	23.3	23.1	22.9	22.9	2	23.7	21.4	21.3	21.0	21.0	20.9	0	22.7				
		1	49	23.4	23.3	23.0	22.8	22.9	2	23.7	21.4	21.2	21.0	20.9	20.8	0	22.7				
		25	0	22.3	22.3	22.0	22.0	21.9	3	22.7	21.3	21.3	21.0	20.9	20.9	0	22.7				
	256QAM	25	12	22.4	22.2	22.1	22.0	22.0	3	22.7	21.4	21.3	21.1	21.0	20.9	0	22.7				
		25	25	22.3	22.2	22.1	22.0	22.0	3	22.7	21.3	21.2	21.1	21.0	20.9	0	22.7				
		50	0	22.4	22.2	22.1	22.0	22.0	3	22.7	21.4	21.2	21.1	20.9	20.9	0	22.7				
		1	0	20.2	20.2	19.9	19.9	19.8	5	20.7	20.2	20.2	20.0	19.8	19.8	2	20.7				
		1	25	20.4	20.3	20.0	20.0	19.9	5	20.7	20.3	20.3	20.0	19.9	19.9	2	20.7				
		1	49	20.3	20.1	19.9	19.9	19.7	5	20.7	20.3	20.1	20.0	19.9	19.7	2	20.7				
		25	0	20.3	20.3	20.0	19.9	19.9	5	20.7	20.3	20.3	20.1	19.9	19.9	2	20.7				
		25	12	20.4	20.2	20.1	20.0	20.0	5	20.7	20.4	20.2	20.1	20.0	19.9	2	20.7				
		25	25	20.4	20.2	20.1	20.0	19.9	5	20.7	20.3	20.2	20.1	20.0	19.9	2	20.7				
		50	0	20.4	20.2	20.1	19.9	19.9	5	20.7	20.4	20.2	20.0	20.0	19.9	2	20.7				
		BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
						39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit		
2506 MHz	2549.5 MHz					2593 MHz	2636.5 MHz	2680 MHz	2506 MHz	2549.5 MHz			2593 MHz	2636.5 MHz	2680 MHz						
5	QPSK	1	0	24.1	24.6	24.3	24.1	24.0	0	25.7	21.0	21.2	20.9	20.8	20.8	0	22.7				
		1	12	24.4	24.6	24.3	24.2	24.1	0	25.7	20.9	21.2	21.0	20.9	20.8	0	22.7				
		1	24	24.4	24.7	24.4	24.2	24.1	0	25.7	21.0	21.3	21.0	21.0	20.9	0	22.7				
		12	0	24.3	24.6	24.3	24.2	24.0	1	24.7	20.9	21.2	20.9	20.9	20.8	0	22.7				
		12	7	24.3	24.5	24.3	24.2	24.0	1	24.7	20.9	21.2	20.9	20.9	20.8	0	22.7				
		12	13	24.3	24.6	24.3	24.2	24.0	1	24.7	20.9	21.2	20.9	20.9	20.8	0	22.7				
	16QAM	25	0	24.1	24.4	24.1	24.0	23.9	1	24.7	21.0	21.2	21.0	20.9	20.9	0	22.7				
		1	0	24.3	24.5	24.1	24.1	23.9	1	24.7	21.2	21.3	21.0	21.0	20.9	0	22.7				
		1	12	24.3	24.5	24.2	24.2	23.9	1	24.7	21.1	21.3	21.1	21.1	21.0	0	22.7				
		1	24	24.4	24.6	24.3	24.2	24.0	1	24.7	21.2	21.4	21.1	21.1	21.0	0	22.7				
		12	0	23.2	23.4	23.2	23.0	22.9	2	23.7	20.9	21.3	21.0	20.9	20.9	0	22.7				
		12	7	23.1	23.4	23.2	23.0	22.9	2	23.7	20.9	21.3	21.0	20.9	20.9	0	22.7				
	64QAM	12	13	23.2	23.4	23.2	23.0	22.9	2	23.7	21.0	21.3	21.0	21.0	20.9	0	22.7				
		25	0	23.1	23.4	23.2	23.0	22.9	2	23.7	21.0	21.2	21.0	20.9	20.9	0	22.7				
		1	0	23.1	23.3	23.1	22.8	23.1	2	23.7	21.0	21.3	20.9	20.8	20.8	0	22.7				
		1	12	23.2	23.3	23.1	23.0	23.1	2	23.7	21.0	21.3	20.9	20.8	20.9	0	22.7				
		1	24	23.4	23.4	23.2	23.0	23.1	2	23.7	21.0	21.4	21.0	20.9	21.0	0	22.7				
		12	0	22.2	22.4	22.1	21.9	22.1	3	22.7	21.0	21.3	20.9	20.9	20.8	0	22.7				
	256QAM	12	7	22.0	22.4	22.1	21.9	22.1	3	22.7	21.0	21.3	21.0	20.9	20.8	0	22.7				
		12	13	22.3	22.4	22.1	21.9	22.1	3	22.7	21.0	21.3	20.9	20.9	20.8	0	22.7				
		25	0	22.2	22.3	22.0	21.9	22.1	3	22.7	21.0	21.2	21.0	20.9	20.8	0	22.7				
		1	0	20.1	20.2	19.9	20.0	20.0	5	20.7	20.1	20.1	19.9	20.0	19.7	2	20.7				
		1	12	20.2	20.2	20.0	20.0	20.1	5	20.7	20.1	20.2	19.9	19.9	19.8	2	20.7				
		1	24	20.4	20.4	20.1	20.1	20.1	5	20.7	20.1	20.2	20.0	20.1	19.9	2	20.7				
		12	0	20.0	20.3	20.1	19.9	20.1	5	20.7	20.0	20.2	19.9	19.9	19.9	2	20.7				
		12	7	20.1	20.3	20.0	19.9	20.0	5	20.7	20.0	20.2	19.9	19.9	19.9	2	20.7				
		12	13	20.2	20.3	20.0	19.9	20.1	5	20.7	19.9	20.2	19.9	19.9	19.9	2	20.7				
		25	0	20.1	20.3	20.0	19.9	20.1	5	20.7	19.9	20.2	19.9	19.9	19.9	2	20.7				

LTE Band 41 Power Class 3 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MFR	Tune-up Limit	39750	40185	40620	41055	41490	MFR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	19.7	19.6	19.1	19.1	19.3	0	20.9	21.7	21.9	21.4	21.4	21.6	0	23.3
		1	49	19.9	19.6	19.2	19.3	19.4	0	20.9	22.0	21.6	21.5	21.6	21.7	0	23.3
		1	99	20.0	19.6	19.1	19.2	19.4	0	20.9	22.0	21.6	21.4	21.6	21.7	0	23.3
		50	0	19.9	19.7	19.2	19.2	19.3	0	20.9	21.9	21.9	21.5	21.5	21.6	0	23.3
		50	24	19.9	19.7	19.2	19.2	19.4	0	20.9	21.9	21.9	21.5	21.5	21.7	0	23.3
		50	50	19.9	19.6	19.2	19.3	19.5	0	20.9	22.0	21.6	21.5	21.6	21.8	0	23.3
	16QAM	100	0	19.8	19.6	19.2	19.2	19.4	0	20.9	21.9	21.5	21.5	21.4	21.6	0	23.3
		1	0	19.6	19.9	19.5	19.4	19.3	0	20.9	21.6	21.9	21.9	21.6	21.6	0	23.3
		1	49	19.9	20.0	19.8	19.5	19.5	0	20.9	21.9	22.0	22.0	21.8	21.7	0	23.3
		1	99	19.9	19.9	19.6	19.5	19.5	0	20.9	21.8	22.0	21.9	21.7	21.7	0	23.3
		50	0	19.8	19.8	19.6	19.4	19.3	0	20.9	21.7	21.8	21.9	21.7	21.6	0	23.3
		50	24	19.8	19.8	19.6	19.5	19.4	0	20.9	21.8	21.7	21.9	21.7	21.6	0	23.3
	64QAM	50	50	19.8	19.7	19.6	19.4	19.3	0	20.9	21.8	21.8	21.8	21.6	21.5	0	23.3
		100	0	19.8	19.7	19.6	19.4	19.3	0	20.9	21.8	21.7	21.8	21.8	21.6	0	23.3
		1	0	19.6	19.7	19.5	19.4	19.2	0	20.9	21.6	21.8	21.8	21.6	21.4	0	23.3
		1	49	20.0	19.8	19.6	19.5	19.4	0	20.9	21.9	21.8	22.0	21.8	21.6	0	23.3
		1	99	19.9	19.8	19.5	19.5	19.4	0	20.9	21.9	21.7	21.9	21.7	21.5	0	23.3
		50	0	19.7	19.8	19.6	19.4	19.3	0	20.9	21.7	21.8	21.9	21.7	21.5	0.6	22.7
	256QAM	50	24	19.8	19.8	19.6	19.5	19.4	0	20.9	21.8	21.7	21.9	21.7	21.6	0.6	22.7
		50	50	19.8	19.8	19.6	19.4	19.3	0	20.9	21.8	21.7	21.9	21.7	21.6	0.6	22.7
		100	0	19.8	19.7	19.6	19.4	19.3	0	20.9	21.8	21.7	21.8	21.7	21.6	0.6	22.7
		1	0	19.4	19.8	19.6	19.3	19.3	0.2	20.7	19.6	20.0	20.0	19.7	19.7	2.6	20.7
		1	49	19.8	19.9	19.6	19.4	19.4	0.2	20.7	20.0	20.1	20.2	19.8	19.9	2.6	20.7
		1	99	19.8	19.8	19.6	19.2	19.3	0.2	20.7	19.9	20.0	20.0	19.7	19.8	2.6	20.7
		50	0	19.7	19.8	19.6	19.4	19.3	0.2	20.7	19.9	19.9	20.1	19.9	19.8	2.6	20.7
		50	24	19.8	19.8	19.6	19.5	19.4	0.2	20.7	20.0	19.9	20.1	20.0	19.8	2.6	20.7
		50	50	19.8	19.8	19.7	19.4	19.3	0.2	20.7	19.9	19.9	20.0	19.8	19.7	2.6	20.7
		100	0	19.8	19.8	19.6	19.4	19.4	0.2	20.7	19.9	19.9	20.0	19.9	19.8	2.6	20.7
15	QPSK	1	0	19.7	19.8	19.6	19.3	19.2	0	20.9	21.6	21.7	21.8	21.6	21.5	0	23.3
		1	37	19.9	19.8	19.7	19.4	19.3	0	20.9	21.9	21.8	21.9	21.7	21.6	0	23.3
		1	74	19.9	19.7	19.6	19.4	19.2	0	20.9	21.8	21.7	21.9	21.7	21.6	0	23.3
		36	0	19.7	19.8	19.7	19.4	19.3	0	20.9	21.7	21.8	21.9	21.7	21.6	0	23.3
		36	20	19.8	19.8	19.6	19.5	19.4	0	20.9	21.8	21.7	21.9	21.7	21.6	0	23.3
		36	39	19.8	19.7	19.6	19.4	19.2	0	20.9	21.7	21.7	21.9	21.6	21.5	0	23.3
	16QAM	75	0	19.8	19.7	19.6	19.5	19.3	0	20.9	21.7	21.6	21.8	21.6	21.5	0	23.3
		1	0	19.7	19.6	19.6	19.3	19.1	0	20.9	21.6	21.7	21.9	21.6	21.4	0	23.3
		1	37	19.9	19.7	19.7	19.4	19.3	0	20.9	21.8	21.8	21.9	21.8	21.5	0	23.3
		1	74	19.8	19.6	19.7	19.5	19.2	0	20.9	21.9	21.7	21.9	21.7	21.5	0	23.3
		36	0	19.8	19.8	19.6	19.4	19.3	0	20.9	21.8	21.8	21.9	21.7	21.6	0	23.3
		36	20	19.8	19.8	19.6	19.5	19.4	0	20.9	21.8	21.7	21.9	21.8	21.6	0	23.3
	64QAM	36	39	19.8	19.7	19.6	19.4	19.2	0	20.9	21.8	21.7	21.9	21.7	21.5	0	23.3
		75	0	19.8	19.7	19.6	19.4	19.3	0	20.9	21.8	21.7	21.8	21.7	21.6	0	23.3
		1	0	19.7	19.8	19.6	19.3	19.3	0	20.9	21.6	21.7	21.9	21.6	21.5	0	23.3
		1	37	19.8	19.9	19.7	19.4	19.4	0	20.9	21.8	21.8	22.0	21.7	21.7	0	23.3
		1	74	19.8	19.8	19.6	19.4	19.3	0	20.9	21.8	21.8	21.9	21.7	21.6	0	23.3
		36	0	19.8	19.8	19.7	19.4	19.3	0	20.9	21.7	21.8	21.9	21.7	21.6	0.6	22.7
	256QAM	36	20	19.8	19.8	19.6	19.5	19.3	0	20.9	21.8	21.8	21.9	21.8	21.7	0.6	22.7
		36	39	19.8	19.7	19.6	19.4	19.3	0	20.9	21.7	21.7	21.9	21.7	21.6	0.6	22.7
		75	0	19.8	19.7	19.6	19.4	19.3	0	20.9	21.8	21.7	21.8	21.7	21.6	0.6	22.7
		1	0	19.6	19.7	19.5	19.4	19.3	0.2	20.7	19.7	19.9	20.0	19.8	19.8	2.6	20.7
		1	37	19.8	19.8	19.7	19.4	19.4	0.2	20.7	19.9	19.9	20.1	19.9	19.8	2.6	20.7
		1	74	19.7	19.7	19.5	19.3	19.2	0.2	20.7	19.9	19.9	20.0	19.8	19.7	2.6	20.7
		36	0	19.7	19.8	19.7	19.5	19.3	0.2	20.7	19.9	19.9	20.0	19.9	19.8	2.6	20.7
		36	20	19.8	19.8	19.6	19.5	19.4	0.2	20.7	20.1	20.0	20.1	19.9	19.8	2.6	20.7
		36	39	19.8	19.8	19.6	19.4	19.3	0.2	20.7	19.9	19.9	20.1	19.9	19.7	2.6	20.7
		75	0	19.8	19.7	19.6	19.5	19.3	0.2	20.7	20.0	19.9	20.0	19.9	19.8	2.6	20.7

LTE Band 41 Power Class 3 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MFR	Tune-up Limit	39750	40185	40620	41055	41490	MFR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	19.7	19.7	19.6	19.4	19.2	0	20.9	21.7	21.7	21.9	21.6	21.5	0	23.3
		1	25	19.8	19.8	19.7	19.4	19.3	0	20.9	21.8	21.7	21.9	21.7	21.5	0	23.3
		1	49	19.8	19.7	19.6	19.4	19.2	0	20.9	21.8	21.7	21.8	21.6	21.4	0	23.3
		25	0	19.8	19.8	19.6	19.5	19.3	0	20.9	21.7	21.8	21.9	21.7	21.5	0	23.3
		25	12	19.8	19.7	19.6	19.5	19.3	0	20.9	21.8	21.7	21.9	21.7	21.6	0	23.3
		25	25	19.8	19.8	19.6	19.4	19.3	0	20.9	21.8	21.7	21.9	21.7	21.5	0	23.3
	16QAM	50	0	19.8	19.7	19.6	19.5	19.3	0	20.9	21.8	21.7	21.8	21.7	21.5	0	23.3
		1	0	19.8	19.7	19.5	19.5	19.2	0	20.9	21.8	21.7	21.9	21.8	21.4	0	23.3
		1	25	19.9	19.7	19.6	19.5	19.3	0	20.9	21.9	21.8	22.0	21.8	21.5	0	23.3
		1	49	19.9	19.7	19.6	19.4	19.2	0	20.9	21.9	21.7	21.9	21.7	21.4	0	23.3
		25	0	19.8	19.8	19.6	19.4	19.3	0	20.9	21.8	21.8	21.9	21.7	21.6	0	23.3
		25	12	19.8	19.8	19.6	19.5	19.3	0	20.9	21.8	21.8	21.9	21.7	21.6	0	23.3
	64QAM	25	25	19.8	19.8	19.6	19.4	19.3	0	20.9	21.8	21.8	21.9	21.6	21.5	0	23.3
		50	0	19.8	19.7	19.6	19.4	19.3	0	20.9	21.8	21.8	21.8	21.7	21.6	0	23.3
		1	0	19.5	19.8	19.6	19.3	19.6	0	20.9	21.8	21.7	21.9	21.6	21.6	0	23.3
		1	25	19.8	19.9	19.6	19.5	19.7	0	20.9	21.8	21.7	21.9	21.7	21.7	0	23.3
		1	49	19.8	19.9	19.6	19.4	19.7	0	20.9	21.8	21.7	21.8	21.6	21.6	0	23.3
		25	0	19.6	19.8	19.6	19.4	19.7	0	20.9	21.8	21.8	21.9	21.7	21.6	0.6	22.7
	256QAM	25	12	19.8	19.9	19.7	19.4	19.7	0	20.9	21.8	21.8	21.9	21.7	21.7	0.6	22.7
		25	25	19.8	19.9	19.7	19.5	19.7	0	20.9	21.8	21.8	21.8	21.6	21.6	0.6	22.7
		50	0	19.7	19.8	19.7	19.5	19.7	0	20.9	21.8	21.7	21.9	21.7	21.6	0.6	22.7
		1	0	19.5	19.7	19.6	19.4	19.6	0.2	20.7	19.8	19.8	20.0	19.8	19.6	2.6	20.7
		1	25	19.8	19.8	19.8	19.4	19.7	0.2	20.7	19.9	19.9	20.0	19.8	19.8	2.6	20.7
		1	49	19.9	19.8	19.8	19.4	19.7	0.2	20.7	19.8	19.8	19.9	19.7	19.6	2.6	20.7
		25	0	19.6	19.8	19.6	19.4	19.6	0.2	20.7	20.0	20.0	20.1	19.9	19.8	2.6	20.7
		25	12	19.7	19.8	19.7	19.5	19.7	0.2	20.7	20.0	19.9	20.0	19.9	19.8	2.6	20.7
		25	25	19.8	19.9	19.7	19.5	19.7	0.2	20.7	20.0	19.9	20.1	19.9	19.8	2.6	20.7
		50	0	19.8	19.8	19.7	19.5	19.7	0.2	20.7	20.0	19.9	20.0	19.9	19.8	2.6	20.7
5	QPSK	1	0	19.7	19.8	19.6	19.4	19.2	0	20.9	21.8	21.9	22.0	21.7	21.6	0	23.3
		1	12	19.7	19.8	19.6	19.4	19.3	0	20.9	21.9	21.8	22.0	21.8	21.7	0	23.3
		1	24	19.7	19.9	19.7	19.5	19.3	0	20.9	21.9	21.8	22.0	21.7	21.6	0	23.3
		12	0	19.6	19.8	19.6	19.4	19.3	0	20.9	21.8	21.9	22.0	21.7	21.6	0	23.3
		12	7	19.7	19.8	19.6	19.4	19.3	0	20.9	21.9	21.8	21.9	21.7	21.6	0	23.3
		12	13	19.7	19.9	19.6	19.4	19.3	0	20.9	21.9	21.8	21.9	21.7	21.6	0	23.3
	16QAM	25	0	19.7	19.8	19.6	19.4	19.3	0	20.9	21.9	21.8	21.9	21.7	21.6	0	23.3
		1	0	19.7	19.9	19.6	19.6	19.3	0	20.9	21.9	22.0	22.1	21.7	21.8	0	23.3
		1	12	19.8	19.9	19.7	19.5	19.4	0	20.9	21.9	22.1	22.1	21.8	21.8	0	23.3
		1	24	19.9	20.0	19.8	19.7	19.5	0	20.9	21.9	22.0	22.0	21.7	21.7	0	23.3
		12	0	19.6	19.8	19.6	19.4	19.3	0	20.9	21.9	22.0	22.0	21.8	21.6	0	23.3
		12	7	19.6	19.8	19.6	19.4	19.3	0	20.9	21.9	21.8	22.0	21.8	21.6	0	23.3
	64QAM	12	13	19.6	19.8	19.7	19.4	19.3	0	20.9	21.9	21.9	21.9	21.8	21.6	0	23.3
		25	0	19.6	19.8	19.6	19.4	19.3	0	20.9	21.8	21.8	21.9	21.7	21.6	0	23.3
		1	0	19.5	19.9	19.6	19.4	19.7	0	20.9	21.8	21.8	22.0	21.8	21.7	0	23.3
		1	12	19.7	19.9	19.6	19.5	19.7	0	20.9	21.9	21.9	22.1	21.8	21.7	0	23.3
		1	24	19.8	20.0	19.6	19.5	19.8	0	20.9	21.8	21.7	21.9	21.7	21.5	0	23.3
		12	0	19.7	19.8	19.7	19.4	19.6	0	20.9	21.7	21.8	21.9	21.7	21.6	0.6	22.7
	256QAM	12	7	19.7	19.8	19.7	19.4	19.7	0	20.9	21.8	21.8	21.8	21.6	21.6	0.6	22.7
		12	13	19.8	19.8	19.7	19.4	19.6	0	20.9	21.8	21.8	21.8	21.7	21.6	0.6	22.7
		25	0	19.7	19.8	19.7	19.4	19.7	0	20.9	21.8	21.7	21.9	21.7	21.6	0.6	22.7
		1	0	19.5	19.6	19.7	19.4	19.6	0.2	20.7	20.0	19.9	20.0	19.9	19.8	2.6	20.7
		1	12	19.7	19.7	19.7	19.4	19.6	0.2	20.7	20.1	20.0	20.1	19.9	19.8	2.6	20.7
		1	24	19.8	19.8	19.8	19.5	19.6	0.2	20.7	20.0	19.9	19.9	19.7	19.7	2.6	20.7
		12	0	19.6	19.8	19.7	19.4	19.7	0.2	20.7	20.0	20.0	20.1	19.9	19.8	2.6	20.7
		12	7	19.6	19.8	19.7	19.5	19.7	0.2	20.7	20.0	19.9	20.1	19.9	19.8	2.6	20.7
		12	13	19.7	19.8	19.6	19.4	19.7	0.2	20.7	20.0	19.9	20.0	19.9	19.8	2.6	20.7
		25	0	19.6	19.8	19.7	19.4	19.7	0.2	20.7	20.0	19.9	20.1	19.9	19.8	2.6	20.7

LTE Band 41 Power Class 2 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	26.7	26.7	26.7	26.7	26.7	0	28.7
		1	49	26.7	26.7	26.7	26.7	26.7	0	28.7
		1	99	26.7	26.7	26.7	26.7	26.7	0	28.7
		50	0	25.7	25.7	25.7	25.7	25.7	1	27.7
		50	24	25.8	25.7	25.7	25.7	25.7	1	27.7
		50	50	25.7	25.7	25.7	25.7	25.7	1	27.7
	16QAM	100	0	25.7	25.7	25.7	25.7	25.7	1	27.7
		1	0	26.5	27.2	27.1	27.1	26.4	1	27.7
		1	49	26.5	27.3	27.3	27.2	26.5	1	27.7
		1	99	26.5	27.3	27.3	27.1	26.5	1	27.7
		50	0	25.1	25.9	25.8	25.8	25.0	2	26.7
		50	24	25.2	26.0	25.9	25.9	25.1	2	26.7
	64QAM	50	50	25.2	25.9	25.9	25.8	25.0	2	26.7
		100	0	25.1	25.9	25.8	25.8	25.0	2	26.7
		1	0	25.4	26.1	26.0	25.9	25.2	2	26.7
		1	49	25.4	26.2	26.2	26.1	25.3	2	26.7
		1	99	25.4	26.2	26.1	26.0	25.3	2	26.7
		50	0	24.1	24.9	24.8	24.8	24.0	3	25.7
	256QAM	50	24	24.2	24.9	24.9	24.9	24.1	3	25.7
		50	50	24.1	24.9	24.9	24.8	24.0	3	25.7
		100	0	24.1	24.9	24.8	24.8	24.0	3	25.7
		1	0	22.0	22.9	22.8	22.8	22.1	5	23.7
		1	49	22.1	23.1	23.1	22.9	22.3	5	23.7
		1	99	22.1	23.1	22.9	22.8	22.2	5	23.7
15	QPSK	50	0	22.1	22.9	22.8	22.8	21.9	5	23.7
		50	24	22.2	22.9	22.9	22.8	22.0	5	23.7
		50	50	22.1	22.9	22.9	22.7	22.0	5	23.7
		100	0	22.1	22.9	22.8	22.8	22.0	5	23.7
	16QAM	1	0	27.1	27.0	27.0	27.0	26.9	0	28.7
		1	37	27.2	27.0	27.1	27.0	27.0	0	28.7
		1	74	27.2	27.0	27.0	27.0	27.0	0	28.7
		36	0	26.1	26.9	26.8	26.8	26.0	1	27.7
		36	20	26.2	26.9	26.9	26.8	26.1	1	27.7
		36	39	26.1	26.9	26.9	26.8	26.0	1	27.7
	64QAM	75	0	26.1	26.9	26.8	26.8	26.0	1	27.7
		1	0	26.4	27.1	27.1	27.0	26.3	1	27.7
		1	37	26.5	27.2	27.3	27.1	26.4	1	27.7
		1	74	26.4	27.2	27.2	27.1	26.3	1	27.7
		36	0	25.1	25.9	25.8	25.8	25.0	2	26.7
		36	20	25.2	25.9	25.9	25.8	25.1	2	26.7
	256QAM	36	39	25.2	25.9	25.9	25.8	25.0	2	26.7
		75	0	25.1	25.9	25.8	25.8	25.0	2	26.7
		1	0	25.3	26.1	26.1	25.9	25.3	2	26.7
		1	37	25.4	26.2	26.2	26.0	25.4	2	26.7
		1	74	25.4	26.1	26.1	26.0	25.3	2	26.7
		36	0	24.1	24.9	24.8	24.8	24.0	3	25.7
	64QAM	36	20	24.2	24.9	24.9	24.9	24.0	3	25.7
		36	39	24.2	24.9	24.9	24.8	24.0	3	25.7
		75	0	24.1	24.9	24.8	24.8	24.0	3	25.7
	256QAM	1	0	22.2	22.9	22.9	22.9	22.0	5	23.7
		1	37	22.3	23.0	23.0	22.9	22.2	5	23.7
		1	74	22.2	23.0	22.9	22.9	22.1	5	23.7
	16QAM	36	0	22.0	22.9	22.8	22.7	22.0	5	23.7
		36	20	22.2	22.9	22.9	22.8	22.0	5	23.7
		36	39	22.1	22.9	22.9	22.8	21.9	5	23.7
		75	0	22.1	22.9	22.8	22.8	22.0	5	23.7

LTE Band 41 Power Class 2 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	27.1	27.0	27.1	26.9	26.9	0	28.7
		1	25	27.1	27.0	27.0	27.0	27.0	0	28.7
		1	49	27.1	26.9	27.0	26.9	27.0	0	28.7
		25	0	26.0	26.8	26.8	26.8	26.0	1	27.7
		25	12	26.1	26.9	26.8	26.8	26.1	1	27.7
		25	25	26.1	26.9	26.8	26.8	26.0	1	27.7
		50	0	26.1	26.9	26.8	26.8	26.0	1	27.7
	16QAM	1	0	26.4	27.1	27.1	27.0	26.3	1	27.7
		1	25	26.4	27.1	27.3	27.2	26.3	1	27.7
		1	49	26.4	27.1	27.1	27.0	26.3	1	27.7
		25	0	25.1	25.9	25.8	25.8	25.1	2	26.7
		25	12	25.2	25.9	25.9	25.9	25.1	2	26.7
		25	25	25.2	25.9	25.9	25.8	25.0	2	26.7
		50	0	25.1	25.9	25.8	25.8	25.0	2	26.7
	64QAM	1	0	25.3	26.0	26.0	25.9	25.2	2	26.7
		1	25	25.3	26.1	26.1	26.1	25.3	2	26.7
		1	49	25.3	26.0	26.1	26.0	25.2	2	26.7
		25	0	24.1	24.9	24.8	24.8	24.0	3	25.7
		25	12	24.1	24.9	24.8	24.8	24.1	3	25.7
		25	25	24.1	24.9	24.8	24.8	24.0	3	25.7
		50	0	24.1	24.9	24.8	24.8	24.0	3	25.7
	256QAM	1	0	22.1	22.8	22.8	22.9	22.0	5	23.7
		1	25	22.1	23.0	23.0	23.0	22.1	5	23.7
		1	49	22.2	23.0	22.8	22.8	22.0	5	23.7
		25	0	22.0	22.8	22.8	22.8	22.0	5	23.7
		25	12	22.1	22.9	22.9	22.8	22.0	5	23.7
		25	25	22.1	22.9	22.8	22.8	22.0	5	23.7
		50	0	22.1	22.9	22.8	22.8	22.0	5	23.7
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5	QPSK	1	0	26.8	27.1	27.0	26.9	26.9	0	28.7
		1	12	27.0	27.1	27.0	26.9	26.9	0	28.7
		1	24	27.1	27.1	27.1	27.0	27.0	0	28.7
		12	0	27.0	27.1	27.0	26.9	26.9	1	27.7
		12	7	27.0	27.0	27.0	26.9	26.9	1	27.7
		12	13	27.0	27.1	27.0	26.9	27.0	1	27.7
		25	0	26.8	26.8	26.8	26.7	26.0	1	27.7
	16QAM	1	0	27.2	27.2	27.1	27.1	26.4	1	27.7
		1	12	27.3	27.3	27.2	27.1	26.4	1	27.7
		1	24	27.4	27.4	27.2	27.2	26.4	1	27.7
		12	0	25.8	25.9	25.8	25.8	26.0	2	26.7
		12	7	25.8	25.9	25.8	25.7	26.0	2	26.7
		12	13	25.8	25.9	25.8	25.8	26.0	2	26.7
		25	0	25.8	25.8	25.8	25.7	25.0	2	26.7
	64QAM	1	0	25.4	26.2	26.0	25.9	25.9	2	26.7
		1	12	25.3	26.2	26.2	25.9	26.1	2	26.7
		1	24	25.5	26.3	26.2	26.0	26.3	2	26.7
		12	0	25.2	24.9	24.9	24.8	24.9	3	25.7
		12	7	25.2	24.9	24.9	24.8	24.9	3	25.7
		12	13	25.2	24.9	24.9	24.8	24.9	3	25.7
		25	0	24.1	24.8	24.8	24.7	24.8	3	25.7
	256QAM	1	0	22.1	22.9	23.0	22.8	22.8	5	23.7
		1	12	22.2	22.8	23.0	22.9	22.8	5	23.7
		1	24	22.1	23.0	23.1	23.0	22.9	5	23.7
		12	0	22.0	22.8	22.8	22.7	22.8	5	23.7
		12	7	22.0	22.8	22.8	22.7	22.8	5	23.7
		12	13	22.0	22.8	22.8	22.7	22.8	5	23.7
		25	0	22.0	22.7	22.8	22.7	22.8	5	23.7

LTE Band 41 Power Class 2 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	26.0	26.0	26.0	26.0	26.0	0	28.0
		1	49	26.1	26.0	26.0	26.0	26.0	0	28.0
		1	99	26.2	26.0	26.0	26.0	26.0	0	28.0
		50	0	25.8	25.8	25.6	25.4	25.4	1	27.0
		50	24	25.9	25.7	25.6	25.5	25.5	1	27.0
		50	50	25.9	25.7	25.5	25.5	25.5	1	27.0
	16QAM	100	0	25.9	25.7	25.6	25.5	25.4	1	27.0
		1	0	25.9	27.0	26.6	26.5	25.7	1	27.0
		1	49	26.3	27.0	26.8	26.7	25.9	1	27.0
		1	99	26.3	27.0	26.7	26.5	25.7	1	27.0
		50	0	24.8	25.6	25.4	25.2	24.4	2	26.0
		50	24	24.9	25.5	25.4	25.3	24.4	2	26.0
	64QAM	50	50	24.8	25.5	25.3	25.3	24.5	2	26.0
		100	0	24.8	25.5	25.3	25.2	24.4	2	26.0
		1	0	24.9	25.9	25.5	25.5	24.6	2	26.0
		1	49	25.2	25.9	25.6	25.6	24.7	2	26.0
		1	99	25.3	25.8	25.6	25.5	24.6	2	26.0
		50	0	23.8	24.6	24.4	24.3	23.4	3	25.0
	256QAM	50	24	23.9	24.6	24.4	24.3	23.5	3	25.0
		50	50	23.9	24.6	24.3	24.3	23.5	3	25.0
		100	0	23.9	24.5	24.4	24.3	23.5	3	25.0
		1	0	21.8	22.6	22.5	22.4	21.4	5	23.0
		1	49	22.1	22.7	22.6	22.5	21.5	5	23.0
		1	99	22.1	22.6	22.4	22.4	21.4	5	23.0
15	QPSK	50	0	21.7	22.6	22.4	22.3	21.4	5	23.0
		50	24	21.9	22.6	22.4	22.3	21.5	5	23.0
		50	50	21.8	22.6	22.3	22.3	21.5	5	23.0
		100	0	21.8	22.5	22.4	22.3	21.4	5	23.0
		1	0	26.7	26.7	26.5	26.4	26.3	0	28.0
		1	37	26.9	26.8	26.6	26.5	26.4	0	28.0
	16QAM	1	74	26.9	26.7	26.5	26.4	26.3	0	28.0
		36	0	25.8	26.6	26.4	26.2	25.4	1	27.0
		36	20	25.9	26.5	26.4	26.3	25.4	1	27.0
		36	39	25.8	26.5	26.3	26.2	25.4	1	27.0
75		0	25.8	26.5	26.3	26.2	25.4	1	27.0	
1		0	26.0	26.8	26.6	26.5	25.7	1	27.0	
64QAM	1	37	26.2	26.9	26.7	26.6	25.7	1	27.0	
	1	74	26.3	26.8	26.7	26.5	25.7	1	27.0	
	36	0	24.8	25.6	25.4	25.3	24.4	2	26.0	
	36	20	24.9	25.6	25.4	25.3	24.5	2	26.0	
	36	39	24.8	25.5	25.3	25.3	24.4	2	26.0	
	75	0	24.8	25.5	25.4	25.2	24.4	2	26.0	
256QAM	1	0	25.0	25.8	25.6	25.5	24.6	2	26.0	
	1	37	25.2	25.9	25.7	25.6	24.7	2	26.0	
	1	74	25.2	25.8	25.6	25.6	24.7	2	26.0	
	36	0	23.8	24.6	24.4	24.3	23.4	3	25.0	
	36	20	23.9	24.6	24.4	24.3	23.5	3	25.0	
	36	39	23.9	24.6	24.3	24.3	23.5	3	25.0	
	75	0	23.9	24.5	24.4	24.3	23.4	3	25.0	
	1	0	21.8	22.7	22.4	22.3	21.5	5	23.0	
	1	37	22.0	22.8	22.5	22.4	21.6	5	23.0	
	1	74	22.0	22.6	22.4	22.3	21.5	5	23.0	

LTE Band 41 Power Class 2 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	26.8	26.6	26.5	26.4	26.3	0	28.0
		1	25	26.9	26.7	26.6	26.5	26.3	0	28.0
		1	49	26.9	26.6	26.5	26.4	26.3	0	28.0
		25	0	25.8	26.6	26.3	26.2	25.4	1	27.0
		25	12	25.9	26.5	26.3	26.3	25.4	1	27.0
		25	25	25.8	26.5	26.4	26.3	25.4	1	27.0
		50	0	25.9	26.5	26.4	26.3	25.4	1	27.0
	16QAM	1	0	26.1	26.8	26.6	26.5	25.6	1	27.0
		1	25	26.2	26.9	26.7	26.6	25.7	1	27.0
		1	49	26.2	26.8	26.7	26.5	25.6	1	27.0
		25	0	24.8	25.6	25.4	25.3	24.4	2	26.0
		25	12	24.9	25.6	25.4	25.3	24.5	2	26.0
		25	25	24.8	25.5	25.4	25.3	24.5	2	26.0
		50	0	24.9	25.5	25.4	25.3	24.4	2	26.0
	64QAM	1	0	25.0	25.8	25.6	25.5	24.6	2	26.0
		1	25	25.1	25.8	25.6	25.5	24.7	2	26.0
		1	49	25.2	25.7	25.5	25.5	24.7	2	26.0
		25	0	23.8	24.6	24.4	24.3	23.5	3	25.0
		25	12	23.9	24.6	24.4	24.3	23.5	3	25.0
		25	25	23.9	24.6	24.4	24.3	23.5	3	25.0
		50	0	23.9	24.6	24.4	24.3	23.4	3	25.0
	256QAM	1	0	21.8	22.7	22.4	22.4	21.5	5	23.0
		1	25	22.0	22.8	22.5	22.4	21.6	5	23.0
		1	49	21.9	22.6	22.4	22.3	21.4	5	23.0
		25	0	21.8	22.6	22.3	22.3	21.4	5	23.0
		25	12	21.9	22.5	22.4	22.3	21.4	5	23.0
		25	25	21.8	22.6	22.4	22.3	21.4	5	23.0
		50	0	21.8	22.6	22.4	22.3	21.4	5	23.0
BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5	QPSK	1	0	26.4	26.8	26.5	26.4	26.3	0	28.0
		1	12	26.6	26.8	26.5	26.4	26.4	0	28.0
		1	24	26.6	26.9	26.6	26.5	26.5	0	28.0
		12	0	26.5	26.8	26.5	26.4	26.3	1	27.0
		12	7	26.6	26.8	26.5	26.4	26.4	1	27.0
		12	13	26.6	26.8	26.5	26.4	26.4	1	27.0
		25	0	26.4	26.6	26.4	26.2	25.4	1	27.0
	16QAM	1	0	26.8	27.0	26.8	26.6	25.7	1	27.0
		1	12	26.8	27.0	26.8	26.6	25.7	1	27.0
		1	24	26.8	27.0	26.9	26.7	25.8	1	27.0
		12	0	25.4	25.6	25.4	25.2	25.4	2	26.0
		12	7	25.4	25.6	25.4	25.3	25.4	2	26.0
		12	13	25.4	25.6	25.4	25.3	25.5	2	26.0
		25	0	25.4	25.6	25.4	25.3	24.4	2	26.0
	64QAM	1	0	25.4	25.8	25.6	25.4	24.5	2	26.0
		1	12	25.7	25.9	25.7	25.5	24.6	2	26.0
		1	24	25.8	25.9	25.7	25.6	24.7	2	26.0
		12	0	24.4	24.7	24.4	24.2	24.4	3	25.0
		12	7	24.4	24.7	24.4	24.2	24.4	3	25.0
		12	13	24.4	24.7	24.4	24.2	24.4	3	25.0
		25	0	24.4	24.6	24.4	24.2	23.4	3	25.0
	256QAM	1	0	22.3	22.7	22.5	22.3	21.5	5	23.0
		1	12	22.4	22.7	22.6	22.3	21.5	5	23.0
		1	24	22.5	22.8	22.6	22.4	21.5	5	23.0
		12	0	22.3	22.6	22.3	22.2	21.4	5	23.0
		12	7	22.3	22.6	22.3	22.2	21.4	5	23.0
		12	13	22.4	22.5	22.4	22.2	21.4	5	23.0
		25	0	22.3	22.5	22.3	22.2	21.3	5	23.0

LTE Band 48 Measured Results (ANT7)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	24.3	24.4	24.5	24.5	0	26.0	20.3	20.4	20.5	20.7	0	22.1
		1	49	24.4	24.5	24.5	24.5	0	26.0	20.4	20.6	20.6	20.7	0	22.1
		1	99	24.4	24.5	24.6	24.5	0	26.0	20.4	20.6	20.5	20.6	0	22.1
		50	0	23.8	23.9	24.0	24.0	1	25.0	20.3	20.5	20.5	20.7	0	22.1
		50	24	23.9	24.1	24.1	24.0	1	25.0	20.5	20.6	20.6	20.7	0	22.1
		50	50	23.9	24.1	24.1	24.0	1	25.0	20.5	20.7	20.6	20.8	0	22.1
		100	0	23.9	24.0	24.1	24.0	1	25.0	20.4	20.6	20.6	20.6	0	22.1
	16QAM	1	0	23.7	23.8	23.9	23.9	1	25.0	20.3	20.3	20.5	20.4	0	22.1
		1	49	23.7	23.9	24.0	24.0	1	25.0	20.3	20.4	20.5	20.5	0	22.1
		1	99	23.7	23.9	24.1	24.0	1	25.0	20.4	20.4	20.6	20.5	0	22.1
		50	0	22.6	22.7	22.8	22.9	2	24.0	20.3	20.2	20.4	20.4	0	22.1
		50	24	22.7	22.9	22.9	23.0	2	24.0	20.4	20.4	20.5	20.5	0	22.1
		50	50	22.7	22.9	22.9	23.0	2	24.0	20.4	20.4	20.4	20.5	0	22.1
		100	0	22.7	22.8	22.8	23.0	2	24.0	20.3	20.3	20.4	20.5	0	22.1
	64QAM	1	0	22.5	22.6	22.7	22.9	2	24.0	20.1	20.2	20.4	20.4	0	22.1
		1	49	22.6	22.8	22.9	22.9	2	24.0	20.2	20.2	20.4	20.4	0	22.1
		1	99	22.6	22.7	22.8	22.8	2	24.0	20.1	20.3	20.4	20.4	0	22.1
		50	0	21.6	21.6	21.7	21.9	3	23.0	20.2	20.2	20.3	20.5	0	22.1
		50	24	21.7	21.8	21.8	22.0	3	23.0	20.3	20.4	20.4	20.6	0	22.1
		50	50	21.7	21.8	21.8	21.9	3	23.0	20.3	20.4	20.5	20.6	0	22.1
		100	0	21.7	21.8	21.8	21.9	3	23.0	20.3	20.3	20.4	20.5	0	22.1
	256QAM	1	0	19.6	19.6	19.6	19.8	5	21.0	19.5	19.5	19.5	19.7	1.1	21.0
		1	49	19.7	19.8	19.7	19.9	5	21.0	19.7	19.7	19.7	19.9	1.1	21.0
		1	99	19.7	19.7	19.7	19.9	5	21.0	19.7	19.7	19.7	19.8	1.1	21.0
		50	0	19.6	19.7	19.7	19.8	5	21.0	19.6	19.6	19.7	19.8	1.1	21.0
		50	24	19.7	19.8	19.8	19.9	5	21.0	19.7	19.8	19.9	19.9	1.1	21.0
		50	50	19.7	19.8	19.8	19.9	5	21.0	19.7	19.8	19.9	19.9	1.1	21.0
		100	0	19.7	19.8	19.8	19.9	5	21.0	19.7	19.7	19.8	19.9	1.1	21.0
15	QPSK	1	0	24.1	24.2	24.3	24.4	0	26.0	20.2	20.2	20.4	20.4	0	22.1
		1	37	24.1	24.3	24.3	24.5	0	26.0	20.3	20.4	20.5	20.6	0	22.1
		1	74	24.1	24.3	24.3	24.5	0	26.0	20.3	20.4	20.4	20.5	0	22.1
		36	0	23.6	23.7	23.8	23.9	1	25.0	20.2	20.2	20.4	20.4	0	22.1
		36	20	23.7	23.8	23.9	23.9	1	25.0	20.3	20.3	20.5	20.4	0	22.1
		36	39	23.7	23.8	23.9	24.0	1	25.0	20.4	20.4	20.4	20.5	0	22.1
		75	0	23.6	23.8	23.8	23.9	1	25.0	20.3	20.3	20.4	20.4	0	22.1
	16QAM	1	0	23.6	23.6	23.7	23.9	1	25.0	20.2	20.2	20.3	20.4	0	22.1
		1	37	23.7	23.8	23.7	24.0	1	25.0	20.3	20.3	20.3	20.5	0	22.1
		1	74	23.6	23.8	23.7	23.9	1	25.0	20.3	20.3	20.3	20.4	0	22.1
		36	0	22.6	22.7	22.8	22.9	2	24.0	20.2	20.2	20.3	20.4	0	22.1
		36	20	22.7	22.8	22.9	22.9	2	24.0	20.3	20.3	20.4	20.4	0	22.1
		36	39	22.7	22.9	22.9	23.0	2	24.0	20.4	20.4	20.4	20.5	0	22.1
		75	0	22.7	22.8	22.9	22.9	2	24.0	20.3	20.3	20.4	20.4	0	22.1
	64QAM	1	0	22.6	23.7	22.7	22.9	2	24.0	20.2	20.2	20.3	20.5	0	22.1
		1	37	22.6	22.7	22.8	22.9	2	24.0	20.3	20.3	20.3	20.5	0	22.1
		1	74	22.6	22.8	22.8	22.9	2	24.0	20.2	20.4	20.3	20.5	0	22.1
		36	0	21.6	21.6	21.7	21.8	3	23.0	20.2	20.2	20.3	20.5	0	22.1
		36	20	21.7	21.6	21.8	21.9	3	23.0	20.3	20.3	20.4	20.5	0	22.1
		36	39	21.7	21.7	21.8	22.0	3	23.0	20.3	20.4	20.4	20.6	0	22.1
		75	0	21.6	21.6	21.8	21.9	3	23.0	20.3	20.3	20.4	20.5	0	22.1
	256QAM	1	0	19.5	19.5	19.7	19.8	5	21.0	19.5	19.6	19.7	19.8	1.1	21.0
		1	37	19.6	19.6	19.8	19.9	5	21.0	19.6	19.7	19.8	19.9	1.1	21.0
		1	74	19.7	19.7	19.8	19.9	5	21.0	19.6	19.7	19.8	19.9	1.1	21.0
		36	0	19.6	19.6	19.7	19.9	5	21.0	19.6	19.6	19.7	19.9	1.1	21.0
		36	20	19.7	19.6	19.8	19.9	5	21.0	19.6	19.7	19.8	19.9	1.1	21.0
		36	39	19.7	19.7	19.8	20.0	5	21.0	19.7	19.8	19.8	20.0	1.1	21.0
		75	0	19.7	19.6	19.8	19.9	5	21.0	19.7	19.7	19.8	19.9	1.1	21.0

LTE Band 48 Measured Results (ANT7) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	24.2	24.2	24.3	24.5	0	26.0	20.3	20.3	20.4	20.4	0	22.1
		1	25	24.2	24.3	24.4	24.4	0	26.0	20.4	20.4	20.5	20.5	0	22.1
		1	49	24.2	24.3	24.3	24.5	0	26.0	20.4	20.4	20.5	20.5	0	22.1
		25	0	23.8	23.8	23.8	23.9	1	25.0	20.3	20.3	20.4	20.5	0	22.1
		25	12	23.8	23.8	23.9	23.9	1	25.0	20.4	20.4	20.4	20.4	0	22.1
		25	25	23.8	23.9	23.9	24.0	1	25.0	20.3	20.4	20.5	20.5	0	22.1
	16QAM	50	0	23.7	23.8	23.8	23.9	1	25.0	20.3	20.3	20.3	20.4	0	22.1
		1	0	23.8	23.8	23.8	24.0	1	25.0	20.4	20.3	20.4	20.5	0	22.1
		1	25	23.8	23.9	23.9	23.9	1	25.0	20.4	20.4	20.3	20.5	0	22.1
		1	49	23.8	23.9	23.9	24.0	1	25.0	20.4	20.4	20.3	20.4	0	22.1
		25	0	22.8	22.8	22.8	22.9	2	24.0	20.4	20.3	20.4	20.4	0	22.1
		25	12	22.8	22.8	22.9	22.9	2	24.0	20.4	20.4	20.4	20.4	0	22.1
	64QAM	25	25	22.8	22.9	22.9	23.0	2	24.0	20.4	20.4	20.5	20.5	0	22.1
		50	0	22.8	22.9	22.8	22.9	2	24.0	20.3	20.4	20.4	20.4	0	22.1
		1	0	22.6	22.8	22.7	22.9	2	24.0	20.3	20.2	20.4	20.5	0	22.1
		1	25	22.6	22.8	22.8	22.9	2	24.0	20.3	20.4	20.5	20.6	0	22.1
		1	49	22.6	22.8	22.8	22.9	2	24.0	20.4	20.4	20.4	20.5	0	22.1
		25	0	21.7	21.8	21.8	21.9	3	23.0	20.4	20.3	20.4	20.5	0	22.1
	256QAM	25	12	21.7	21.8	21.8	21.9	3	23.0	20.4	20.4	20.4	20.5	0	22.1
		25	25	21.6	21.8	21.9	21.9	3	23.0	20.4	20.3	20.5	20.5	0	22.1
		50	0	21.7	21.8	21.8	21.9	3	23.0	20.4	20.3	20.4	20.4	0	22.1
		1	0	19.4	19.6	19.6	19.7	5	21.0	19.5	19.5	19.8	19.8	1.1	21.0
		1	25	19.6	19.7	19.9	19.9	5	21.0	19.7	19.7	19.9	19.8	1.1	21.0
		1	49	19.6	19.7	19.8	19.8	5	21.0	19.6	19.7	19.7	19.8	1.1	21.0
5	QPSK	25	0	19.7	19.8	19.8	19.9	5	21.0	19.7	19.7	19.8	19.9	1.1	21.0
		25	12	19.7	19.8	19.8	19.9	5	21.0	19.7	19.8	19.8	19.9	1.1	21.0
		25	25	19.7	19.8	19.9	19.9	5	21.0	19.7	19.8	19.9	19.9	1.1	21.0
		50	0	19.7	19.8	19.8	19.9	5	21.0	19.7	19.7	19.8	19.9	1.1	21.0
	16QAM	1	0	24.1	24.1	24.2	24.1	0	26.0	20.3	20.3	20.4	20.5	0	22.1
		1	12	24.1	24.2	24.2	24.1	0	26.0	20.3	20.4	20.5	20.6	0	22.1
		1	24	24.2	24.3	24.3	24.1	0	26.0	20.3	20.3	20.4	20.5	0	22.1
		12	0	24.1	24.2	24.2	24.1	1	25.0	20.3	20.3	20.4	20.5	0	22.1
		12	7	24.1	24.2	24.2	24.1	1	25.0	20.3	20.3	20.5	20.6	0	22.1
		12	13	24.1	24.2	24.3	24.1	1	25.0	20.3	20.3	20.4	20.5	0	22.1
	64QAM	25	0	23.6	23.7	23.7	23.6	1	25.0	20.3	20.3	20.5	20.5	0	22.1
		1	0	23.7	23.8	23.8	23.8	1	25.0	20.3	20.3	20.5	20.5	0	22.1
		1	12	23.8	23.8	23.8	23.8	1	25.0	20.3	20.3	20.6	20.6	0	22.1
		1	24	23.7	23.9	23.9	23.9	1	25.0	20.2	20.2	20.6	20.5	0	22.1
		12	0	23.7	23.8	23.8	23.6	2	24.0	20.3	20.3	20.4	20.5	0	22.1
		12	7	23.6	23.8	23.8	23.6	2	24.0	20.4	20.3	20.5	20.5	0	22.1
	256QAM	12	13	23.6	23.8	23.8	23.7	2	24.0	20.3	20.3	20.5	20.5	0	22.1
		25	0	22.6	22.7	22.8	22.6	2	24.0	20.3	20.2	20.4	20.6	0	22.1
		1	0	23.7	23.7	22.7	23.7	2	24.0	20.3	20.2	20.4	20.3	0	22.1
		1	12	22.6	22.6	22.7	22.6	2	24.0	20.2	20.3	20.4	20.4	0	22.1
		1	24	22.7	22.7	22.8	22.6	2	24.0	20.2	20.2	20.5	20.4	0	22.1
		12	0	22.6	22.6	22.7	22.6	3	23.0	20.3	20.2	20.4	20.2	0	22.1
5	64QAM	12	7	22.6	22.6	22.7	22.6	3	23.0	20.3	20.2	20.3	20.2	0	22.1
		12	13	22.6	22.6	22.8	22.6	3	23.0	20.3	20.2	20.4	20.2	0	22.1
		25	0	21.6	21.5	21.7	21.6	3	23.0	20.2	20.2	20.3	20.2	0	22.1
	256QAM	1	0	19.4	19.5	19.8	19.6	5	21.0	19.6	19.6	19.6	19.4	1.1	21.0
		1	12	19.6	19.5	19.8	19.5	5	21.0	19.7	19.7	19.7	19.6	1.1	21.0
		1	24	19.7	19.6	19.9	19.8	5	21.0	19.7	19.6	19.8	19.6	1.1	21.0
	16QAM	12	0	19.6	19.6	19.7	19.6	5	21.0	19.6	19.6	19.7	19.6	1.1	21.0
		12	7	19.6	19.5	19.7	19.6	5	21.0	19.6	19.7	19.7	19.6	1.1	21.0
		12	13	19.6	19.5	19.7	19.6	5	21.0	19.6	19.7	19.7	19.6	1.1	21.0
		25	0	19.6	19.6	19.7	19.6	5	21.0	19.6	19.6	19.7	19.6	1.1	21.0

LTE Band 48 Measured Results (ANT8)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MFR	Tune-up Limit	55340	55773	56207	56640	MFR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	22.3	22.3	22.3	22.5	0	24.0	21.8	21.8	21.8	22.0	0	23.3
		1	49	22.4	22.4	22.4	22.5	0	24.0	21.9	21.9	21.8	22.0	0	23.3
		1	99	22.3	22.4	22.4	22.5	0	24.0	21.8	21.9	21.8	22.0	0	23.3
		50	0	22.4	22.3	22.4	22.5	0	24.0	21.9	21.8	21.8	22.0	0	23.3
		50	24	22.5	22.4	22.5	22.5	0	24.0	21.9	21.9	21.9	22.0	0	23.3
		50	50	22.4	22.5	22.5	22.6	0	24.0	21.9	22.0	21.9	22.1	0	23.3
		100	0	22.4	22.4	22.5	22.5	0	24.0	21.9	21.9	21.9	22.0	0	23.3
	16QAM	1	0	22.5	22.5	22.6	22.6	0	24.0	22.0	21.9	22.1	22.1	0	23.3
		1	49	22.6	22.5	22.7	22.7	0	24.0	22.1	22.0	22.2	22.2	0	23.3
		1	99	22.6	22.6	22.8	22.6	0	24.0	22.1	22.1	22.2	22.1	0	23.3
		50	0	22.5	22.4	22.5	22.6	0.4	23.6	22.0	21.9	22.0	22.0	0	23.3
		50	24	22.6	22.6	22.6	22.6	0.4	23.6	22.1	22.0	22.1	22.1	0	23.3
		50	50	22.6	22.5	22.6	22.6	0.4	23.6	22.0	22.0	22.1	22.1	0	23.3
		100	0	22.5	22.5	22.6	22.5	0.4	23.6	22.0	22.0	22.1	22.0	0	23.3
	64QAM	1	0	22.4	22.4	22.5	22.5	0.4	23.6	21.9	21.8	22.0	22.0	0	23.3
		1	49	22.4	22.5	22.5	22.5	0.4	23.6	22.0	22.0	22.0	22.0	0	23.3
		1	99	22.5	22.5	22.5	22.5	0.4	23.6	22.0	22.0	22.1	22.0	0	23.3
		50	0	21.6	21.5	21.5	21.6	1.4	22.6	21.6	21.5	21.5	21.6	0.7	22.6
		50	24	21.7	21.6	21.7	21.6	1.4	22.6	21.7	21.6	21.7	21.6	0.7	22.6
		50	50	21.7	21.6	21.6	21.7	1.4	22.6	21.7	21.6	21.7	21.7	0.7	22.6
		100	0	21.6	21.6	21.6	21.6	1.4	22.6	21.7	21.6	21.6	21.6	0.7	22.6
	256QAM	1	0	19.5	19.5	19.4	19.5	3.4	20.6	19.5	19.4	19.4	19.5	2.7	20.6
		1	49	19.7	19.7	19.5	19.6	3.4	20.6	19.7	19.6	19.6	19.6	2.7	20.6
		1	99	19.7	19.7	19.5	19.6	3.4	20.6	19.7	19.6	19.5	19.5	2.7	20.6
		50	0	19.6	19.5	19.5	19.6	3.4	20.6	19.6	19.4	19.5	19.6	2.7	20.6
		50	24	19.6	19.6	19.6	19.6	3.4	20.6	19.6	19.6	19.6	19.6	2.7	20.6
		50	50	19.6	19.6	19.6	19.7	3.4	20.6	19.6	19.6	19.6	19.7	2.7	20.6
		100	0	19.6	19.6	19.6	19.6	3.4	20.6	19.6	19.5	19.6	19.6	2.7	20.6
15	QPSK	1	0	22.4	22.4	22.4	22.6	0	24.0	21.9	21.8	21.9	22.0	0	23.3
		1	37	22.5	22.4	22.5	22.6	0	24.0	21.9	21.9	22.0	22.1	0	23.3
		1	74	22.5	22.4	22.5	22.6	0	24.0	22.0	21.9	22.0	22.0	0	23.3
		36	0	22.4	22.4	22.4	22.5	0	24.0	21.9	21.8	21.9	22.0	0	23.3
		36	20	22.5	22.5	22.5	22.6	0	24.0	22.0	21.9	22.0	22.1	0	23.3
		36	39	22.5	22.5	22.6	22.6	0	24.0	22.0	21.9	22.0	22.1	0	23.3
	16QAM	75	0	22.5	22.4	22.4	22.6	0	24.0	22.0	21.9	21.9	22.1	0	23.3
		1	0	22.4	22.3	22.3	22.6	0	24.0	21.9	21.9	21.9	22.0	0	23.3
		1	37	22.5	22.5	22.5	22.7	0	24.0	21.9	22.0	22.0	22.1	0	23.3
		1	74	22.4	22.5	22.5	22.6	0	24.0	22.0	21.9	21.9	22.0	0	23.3
		36	0	22.4	22.4	22.5	22.6	0.4	23.6	21.9	21.9	22.0	22.0	0	23.3
		36	20	22.5	22.5	22.5	22.7	0.4	23.6	22.0	22.0	22.0	22.1	0	23.3
	64QAM	36	39	22.6	22.5	22.6	22.6	0.4	23.6	22.0	22.0	22.1	22.1	0	23.3
		75	0	22.5	22.5	22.5	22.6	0.4	23.6	22.0	21.9	22.0	22.1	0	23.3
		1	0	22.5	22.4	22.4	22.5	0.4	23.6	22.0	21.9	21.9	22.1	0	23.3
		1	37	22.5	22.5	22.5	22.6	0.4	23.6	22.1	21.9	22.1	22.1	0	23.3
		1	74	22.5	22.5	22.5	22.6	0.4	23.6	22.1	21.9	22.0	22.1	0	23.3
		36	0	21.5	21.5	21.6	21.6	1.4	22.6	21.5	21.5	21.5	21.6	0.7	22.6
	256QAM	36	20	21.6	21.6	21.6	21.7	1.4	22.6	21.7	21.6	21.6	21.7	0.7	22.6
		36	39	21.7	21.6	21.7	21.7	1.4	22.6	21.7	21.6	21.7	21.7	0.7	22.6
		75	0	21.7	21.6	21.6	21.7	1.4	22.6	21.7	21.6	21.6	21.7	0.7	22.6
		1	0	19.5	19.4	19.5	19.5	3.4	20.6	19.5	19.4	19.4	19.5	2.7	20.6
		1	37	19.5	19.5	19.6	19.6	3.4	20.6	19.6	19.5	19.6	19.6	2.7	20.6
		1	74	19.6	19.5	19.6	19.6	3.4	20.6	19.6	19.5	19.6	19.6	2.7	20.6
	256QAM	36	0	19.5	19.5	19.5	19.6	3.4	20.6	19.6	19.5	19.5	19.6	2.7	20.6
		36	20	19.7	19.6	19.6	19.7	3.4	20.6	19.6	19.5	19.5	19.7	2.7	20.6
		36	39	19.7	19.6	19.6	19.7	3.4	20.6	19.7	19.6	19.7	19.7	2.7	20.6
		75	0	19.6	19.6	19.6	19.7	3.4	20.6	19.6	19.6	19.5	19.7	2.7	20.6

LTE Band 48 Measured Results (ANT8) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MFR	Tune-up Limit	55290	55757	56223	56690	MFR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	22.4	22.4	22.5	22.6	0	24.0	22.0	21.8	22.0	22.1	0	23.3
		1	25	22.5	22.5	22.5	22.6	0	24.0	22.0	21.9	22.0	22.1	0	23.3
		1	49	22.5	22.5	22.5	22.6	0	24.0	22.0	21.9	22.0	22.1	0	23.3
		25	0	22.5	22.5	22.5	22.6	0	24.0	22.0	21.9	22.0	22.1	0	23.3
		25	12	22.5	22.5	22.6	22.6	0	24.0	22.0	22.0	22.1	22.1	0	23.3
		25	25	22.5	22.5	22.6	22.6	0	24.0	22.0	22.0	22.0	22.1	0	23.3
	16QAM	50	0	22.5	22.5	22.6	22.6	0	24.0	22.0	21.9	22.0	22.0	0	23.3
		1	0	22.5	22.5	22.4	22.7	0	24.0	22.1	22.0	21.9	22.2	0	23.3
		1	25	22.6	22.6	22.5	22.7	0	24.0	22.1	22.1	22.0	22.1	0	23.3
		1	49	22.7	22.6	22.5	22.7	0	24.0	22.1	22.1	22.1	22.1	0	23.3
		25	0	22.5	22.5	22.5	22.6	0.4	23.6	22.1	22.0	22.0	22.1	0	23.3
		25	12	22.6	22.5	22.6	22.6	0.4	23.6	22.1	22.0	22.1	22.1	0	23.3
	64QAM	25	25	22.6	22.5	22.6	22.7	0.4	23.6	22.0	22.0	22.1	22.1	0	23.3
		50	0	22.5	22.5	22.6	22.6	0.4	23.6	22.0	21.9	22.1	22.1	0	23.3
		1	0	22.5	22.5	22.4	22.6	0.4	23.6	22.0	22.0	22.0	22.1	0	23.3
		1	25	22.5	22.5	22.5	22.6	0.4	23.6	22.1	22.0	22.1	22.2	0	23.3
		1	49	22.6	22.5	22.4	22.6	0.4	23.6	22.1	22.0	22.1	22.1	0	23.3
		25	0	21.7	21.6	21.6	21.7	1.4	22.6	21.7	21.6	21.6	21.7	0.7	22.6
5	QPSK	25	12	21.7	21.6	21.7	21.7	1.4	22.6	21.7	21.6	21.7	21.7	0.7	22.6
		25	25	21.7	21.6	21.7	21.7	1.4	22.6	21.7	21.6	21.7	21.7	0.7	22.6
		50	0	21.7	21.6	21.7	21.7	1.4	22.6	21.7	21.6	21.7	21.7	0.7	22.6
	16QAM	1	0	19.4	19.4	19.5	19.5	3.4	20.6	19.5	19.3	19.4	19.6	2.7	20.6
		1	25	19.6	19.6	19.6	19.7	3.4	20.6	19.6	19.6	19.6	19.7	2.7	20.6
		1	49	19.6	19.5	19.5	19.6	3.4	20.6	19.6	19.5	19.6	19.5	2.7	20.6
	256QAM	25	0	19.6	19.6	19.5	19.7	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6
		25	12	19.7	19.6	19.7	19.6	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6
		25	25	19.7	19.6	19.6	19.7	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6
		50	0	19.7	19.6	19.6	19.6	3.4	20.6	19.7	19.6	19.7	19.7	2.7	20.6
	QPSK	1	0	22.5	22.5	22.5	22.6	0	24.0	22.0	22.0	22.0	22.1	0	23.3
		1	12	22.6	22.5	22.6	22.7	0	24.0	22.1	22.0	22.1	22.2	0	23.3
		1	24	22.5	22.5	22.5	22.6	0	24.0	22.0	21.9	22.0	22.1	0	23.3
		12	0	22.5	22.5	22.5	22.6	0	24.0	22.1	22.0	22.0	22.1	0	23.3
		12	7	22.6	22.6	22.6	22.7	0	24.0	22.1	22.0	22.1	22.2	0	23.3
		12	13	22.5	22.6	22.6	22.6	0	24.0	22.0	22.0	22.1	22.1	0	23.3
5	16QAM	25	0	22.5	22.5	22.5	22.6	0	24.0	22.0	22.0	22.0	22.1	0	23.3
		1	0	22.6	22.5	22.6	22.8	0	24.0	22.1	22.0	22.2	22.2	0	23.3
		1	12	22.6	22.6	22.6	22.8	0	24.0	22.1	22.0	22.3	22.2	0	23.3
		1	24	22.5	22.5	22.6	22.8	0	24.0	22.0	22.0	22.3	22.2	0	23.3
		12	0	22.6	22.5	22.5	22.6	0.4	23.6	22.0	22.0	22.0	22.1	0	23.3
		12	7	22.7	22.6	22.5	22.7	0.4	23.6	22.1	22.0	22.1	22.2	0	23.3
	64QAM	12	13	22.6	22.5	22.6	22.7	0.4	23.6	22.1	22.0	22.1	22.2	0	23.3
		25	0	22.6	22.5	22.5	22.6	0.4	23.6	22.1	22.0	22.0	22.1	0	23.3
		1	0	22.6	22.6	22.6	22.7	0.4	23.6	22.1	22.1	22.1	22.2	0	23.3
		1	12	22.6	22.6	22.6	22.7	0.4	23.6	22.1	22.1	22.1	22.2	0	23.3
		1	24	22.6	22.5	22.6	22.6	0.4	23.6	22.0	22.0	22.0	22.1	0	23.3
		12	0	21.7	21.6	21.6	21.6	1.4	22.6	21.7	21.6	21.6	21.6	0.7	22.6
5	256QAM	12	7	21.7	21.7	21.6	21.8	1.4	22.6	21.7	21.6	21.6	21.7	0.7	22.6
		12	13	21.7	21.6	21.6	21.7	1.4	22.6	21.7	21.6	21.7	21.7	0.7	22.6
		25	0	21.7	21.6	21.6	21.7	1.4	22.6	21.7	21.6	21.6	21.7	0.7	22.6
		1	0	19.7	19.6	19.4	19.6	3.4	20.6	19.6	19.5	19.5	19.7	2.7	20.6
		1	12	19.7	19.7	19.7	19.8	3.4	20.6	19.7	19.6	19.6	19.8	2.7	20.6
		1	24	19.6	19.6	19.5	19.7	3.4	20.6	19.6	19.5	19.5	19.7	2.7	20.6
	QPSK	12	0	19.6	19.6	19.6	19.7	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6
		12	7	19.7	19.7	19.6	19.8	3.4	20.6	19.7	19.7	19.6	19.7	2.7	20.6
		12	13	19.7	19.6	19.7	19.7	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6
		25	0	19.6	19.6	19.6	19.7	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6
		1	0	19.6	19.6	19.6	19.7	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6
		1	12	19.6	19.6	19.6	19.7	3.4	20.6	19.7	19.6	19.6	19.7	2.7	20.6

LTE Band 48 Measured Results (ANT9)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MFR	Tune-up Limit	55340	55773	56207	56640	MFR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	23.8	23.9	23.9	24.2	0	25.5	21.5	21.5	21.7	21.6	0	22.9
		1	49	23.8	23.9	24.0	24.2	0	25.5	21.7	21.6	21.7	22.1	0	22.9
		1	99	23.9	24.0	24.0	24.1	0	25.5	21.6	21.7	21.7	21.7	0	22.9
		50	0	23.9	23.9	24.0	24.0	0.5	25.0	21.6	21.5	21.7	21.7	0	22.9
		50	24	23.9	24.0	24.0	24.0	0.5	25.0	21.6	21.8	21.7	21.7	0	22.9
		50	50	23.9	24.0	24.0	24.0	0.5	25.0	21.7	21.6	21.7	21.8	0	22.9
		100	0	23.9	24.0	24.0	24.0	0.5	25.0	21.6	21.6	21.6	21.9	0	22.9
	16QAM	1	0	24.0	24.0	24.0	24.4	0.5	25.0	21.7	21.7	21.8	21.9	0	22.9
		1	49	24.0	24.0	24.0	24.0	0.5	25.0	21.8	21.7	21.9	21.9	0	22.9
		1	99	24.0	24.4	24.0	24.0	0.5	25.0	21.9	21.8	21.8	21.9	0	22.9
		50	0	23.0	23.4	23.0	23.4	1.5	24.0	21.6	21.7	21.6	21.8	0	22.9
		50	24	23.4	23.4	23.4	23.5	1.5	24.0	21.7	21.8	21.7	21.9	0	22.9
		50	50	23.0	23.4	23.4	23.5	1.5	24.0	21.8	21.8	21.7	21.9	0	22.9
		100	0	23.0	23.4	23.4	23.5	1.5	24.0	21.7	21.8	21.7	21.9	0	22.9
	64QAM	1	0	23.0	23.4	23.0	23.0	1.5	24.0	21.7	21.6	21.8	21.7	0	22.9
		1	49	23.0	23.4	23.4	23.0	1.5	24.0	21.8	21.7	21.8	21.7	0	22.9
		1	99	23.0	23.4	23.0	23.0	1.5	24.0	21.8	21.7	21.8	21.7	0	22.9
		50	0	22.0	22.0	22.0	22.0	2.5	23.0	21.6	21.7	21.7	21.7	0	22.9
		50	24	22.4	22.4	22.4	22.4	2.5	23.0	21.8	21.8	21.8	21.8	0	22.9
		50	50	22.4	22.4	22.4	22.4	2.5	23.0	21.8	21.8	21.8	21.8	0	22.9
		100	0	22.4	22.4	22.4	22.0	2.5	23.0	21.8	21.7	21.8	21.8	0	22.9
	256QAM	1	0	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.5	20.0	1.9	21.0
		1	49	20.0	20.0	19.3	20.4	4.5	21.0	20.0	20.4	20.6	20.0	1.9	21.0
		1	99	20.0	20.0	20.4	20.0	4.5	21.0	20.0	20.0	20.5	20.0	1.9	21.0
		50	0	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.6	20.0	1.9	21.0
		50	24	20.4	20.4	20.4	20.4	4.5	21.0	20.4	20.0	20.7	20.4	1.9	21.0
		50	50	20.4	20.0	20.4	20.0	4.5	21.0	20.4	20.0	20.7	20.4	1.9	21.0
		100	0	20.4	20.0	20.4	20.4	4.5	21.0	20.0	20.0	20.7	20.4	1.9	21.0
15	QPSK	1	0	24.0	24.0	24.0	24.2	0	25.5	21.7	21.6	21.7	21.8	0	22.9
		1	37	24.0	24.1	24.1	24.2	0	25.5	21.7	21.8	21.8	21.9	0	22.9
		1	74	24.0	24.1	24.0	24.2	0	25.5	21.7	21.8	21.7	21.9	0	22.9
		36	0	24.0	24.0	24.0	24.0	0.5	25.0	21.7	21.7	21.6	21.8	0	22.9
		36	20	24.0	24.0	24.0	24.0	0.5	25.0	21.7	21.7	21.6	21.8	0	22.9
		36	39	24.0	24.0	24.0	24.0	0.5	25.0	21.7	21.8	21.7	21.9	0	22.9
		75	0	24.0	24.0	24.0	24.0	0.5	25.0	21.7	21.7	21.6	21.8	0	22.9
	16QAM	1	0	24.0	24.0	24.0	24.0	0.5	25.0	21.6	21.6	21.6	21.9	0	22.9
		1	37	24.0	24.0	24.0	24.0	0.5	25.0	21.8	21.6	21.7	21.9	0	22.9
		1	74	24.0	24.0	24.0	24.0	0.5	25.0	21.6	21.6	21.7	21.8	0	22.9
		36	0	23.0	23.4	23.5	23.4	1.5	24.0	21.7	21.7	21.6	21.8	0	22.9
		36	20	23.0	23.4	23.5	23.5	1.5	24.0	21.7	21.8	21.6	21.8	0	22.9
		36	39	23.0	23.4	23.6	23.5	1.5	24.0	21.7	21.8	21.7	21.9	0	22.9
		75	0	23.0	23.4	23.5	23.4	1.5	24.0	21.7	21.8	21.6	21.8	0	22.9
	64QAM	1	0	23.0	23.0	23.0	23.4	1.5	24.0	21.7	21.6	21.8	21.8	0	22.9
		1	37	23.4	23.0	23.4	23.4	1.5	24.0	21.8	21.7	21.8	21.8	0	22.9
		1	74	23.4	23.0	23.0	23.4	1.5	24.0	21.8	21.7	21.8	21.8	0	22.9
		36	0	22.4	22.0	22.0	22.0	2.5	23.0	21.7	21.7	21.8	21.7	0	22.9
		36	20	22.4	22.4	22.0	22.0	2.5	23.0	21.8	21.7	21.8	21.8	0	22.9
		36	39	22.4	22.4	22.0	22.4	2.5	23.0	21.8	21.8	21.9	21.8	0	22.9
		75	0	22.4	22.4	22.2	22.3	2.5	23.0	21.8	21.7	21.7	21.8	0	22.9
	256QAM	1	0	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	19.5	20.4	1.9	21.0
		1	37	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	19.7	20.4	1.9	21.0
		1	74	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	19.9	20.4	1.9	21.0
		36	0	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.0	20.0	1.9	21.0
		36	20	20.4	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.0	20.4	1.9	21.0
		36	39	20.4	20.4	20.0	20.4	4.5	21.0	20.4	20.4	20.0	20.4	1.9	21.0
		75	0	20.4	20.4	20.0	20.0	4.5	21.0	20.4	20.0	20.0	20.0	1.9	21.0

LTE Band 48 Measured Results (ANT9) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MFR	Tune-up Limit	55290	55757	56223	56690	MFR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	24.0	24.1	24.0	24.3	0	25.5	21.4	21.3	21.7	21.4	0	22.9
		1	25	24.1	24.2	24.1	24.3	0	25.5	21.5	21.5	21.7	21.5	0	22.9
		1	49	24.1	24.1	24.1	24.3	0	25.5	21.5	21.4	21.7	21.4	0	22.9
		25	0	24.0	24.0	24.0	24.0	0.5	25.0	21.5	21.4	21.7	21.4	0	22.9
		25	12	24.0	24.0	24.0	24.0	0.5	25.0	21.5	21.4	21.8	21.4	0	22.9
		25	25	24.0	24.0	24.0	24.0	0.5	25.0	21.5	21.4	21.7	21.4	0	22.9
	16QAM	50	0	24.0	24.0	24.0	24.0	0.5	25.0	21.4	21.4	21.7	21.4	0	22.9
		1	0	24.0	24.0	24.0	24.4	0.5	25.0	21.5	21.2	21.7	21.4	0	22.9
		1	25	24.0	24.0	24.0	24.0	0.5	25.0	21.6	21.3	21.8	21.4	0	22.9
		1	49	24.0	24.0	24.0	24.0	0.5	25.0	21.5	21.3	21.8	21.4	0	22.9
		25	0	23.0	23.4	23.0	23.4	1.5	24.0	21.5	21.4	21.6	21.4	0	22.9
		25	12	23.0	23.5	23.4	23.4	1.5	24.0	21.5	21.4	21.7	21.4	0	22.9
	64QAM	25	25	23.4	23.4	23.0	23.5	1.5	24.0	21.5	21.4	21.7	21.4	0	22.9
		50	0	23.0	23.4	23.0	23.4	1.5	24.0	21.5	21.4	21.7	21.3	0	22.9
		1	0	23.0	23.0	23.0	23.4	1.5	24.0	21.8	21.6	21.6	21.7	0	22.9
		1	25	23.4	23.4	23.4	23.4	1.5	24.0	21.8	21.7	21.8	21.8	0	22.9
		1	49	23.4	23.4	23.0	23.4	1.5	24.0	21.8	21.7	21.6	21.8	0	22.9
		25	0	22.4	22.4	23.0	22.0	2.5	23.0	21.8	21.8	21.6	21.7	0	22.9
	256QAM	25	12	22.4	22.4	22.0	22.0	2.5	23.0	21.8	21.8	21.7	21.7	0	22.9
		25	25	22.4	22.4	22.0	22.4	2.5	23.0	21.8	21.8	21.7	21.8	0	22.9
		50	0	22.4	22.4	22.0	22.0	2.5	23.0	21.8	21.7	21.7	21.7	0	22.9
		1	0	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.0	20.0	1.9	21.0
		1	25	20.0	20.4	20.0	20.0	4.5	21.0	20.4	20.0	20.0	20.4	1.9	21.0
		1	49	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.0	20.0	1.9	21.0
5	QPSK	25	0	20.4	20.0	20.0	20.0	4.5	21.0	20.4	20.0	20.0	20.0	1.9	21.0
		25	12	20.4	20.4	20.4	20.0	4.5	21.0	20.4	20.4	20.3	20.4	1.9	21.0
		25	25	20.4	20.4	20.0	20.4	4.5	21.0	20.4	20.4	20.3	20.4	1.9	21.0
		50	0	20.4	20.4	20.0	20.0	4.5	21.0	20.4	20.4	20.3	20.0	1.9	21.0
	16QAM	1	0	24.1	24.1	24.1	24.3	0	25.5	21.7	21.8	21.7	21.6	0	22.9
		1	12	24.1	24.2	24.2	24.3	0	25.5	21.8	21.8	21.8	21.7	0	22.9
		1	24	24.0	24.1	24.1	24.3	0	25.5	21.7	21.6	21.7	21.5	0	22.9
		12	0	24.0	24.0	24.0	24.0	0.5	25.0	21.7	21.4	21.7	21.4	0	22.9
		12	7	24.0	24.0	24.0	24.0	0.5	25.0	21.8	21.9	21.7	21.5	0	22.9
		12	13	24.0	24.0	24.0	23.3	0.5	25.0	21.7	21.8	21.7	21.5	0	22.9
	64QAM	25	0	24.0	24.0	24.0	23.3	0.5	25.0	21.7	21.8	21.6	21.5	0	22.9
		1	0	24.0	24.0	24.0	23.3	0.5	25.0	21.8	21.3	21.7	21.6	0	22.9
		1	12	24.0	24.4	24.4	23.4	0.5	25.0	21.7	21.5	21.9	21.6	0	22.9
		1	24	24.0	24.4	24.6	23.2	0.5	25.0	21.7	21.4	21.7	21.6	0	22.9
		12	0	23.0	23.4	23.6	23.4	1.5	24.0	21.7	21.5	21.7	21.4	0	22.9
		12	7	23.4	23.5	23.7	23.5	1.5	24.0	21.8	21.5	21.7	21.5	0	22.9
	256QAM	12	13	23.0	23.4	23.7	23.5	1.5	24.0	21.7	21.5	21.7	21.5	0	22.9
		25	0	23.0	23.4	23.6	23.4	1.5	24.0	21.4	21.4	21.6	21.4	0	22.9
		1	0	23.0	23.4	23.0	23.5	1.5	24.0	21.8	21.7	21.6	21.7	0	22.9
		1	12	23.4	23.5	23.4	23.5	1.5	24.0	21.8	21.8	21.7	21.8	0	22.9
		1	24	22.0	23.4	23.3	23.5	1.5	24.0	21.7	21.8	21.7	21.7	0	22.9
		12	0	22.0	22.4	22.0	22.0	2.5	23.0	21.8	21.8	21.7	21.8	0	22.9
5	64QAM	12	7	22.4	22.4	22.0	22.4	2.5	23.0	21.8	21.8	21.7	21.9	0	22.9
		12	13	22.4	22.4	22.0	22.4	2.5	23.0	21.8	21.8	21.7	21.8	0	22.9
		25	0	22.0	22.4	22.0	22.5	2.5	23.0	21.8	21.7	21.6	21.8	0	22.9
	256QAM	1	0	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.0	20.0	1.9	21.0
		1	12	20.0	20.4	20.0	20.5	4.5	21.0	20.0	20.4	20.4	20.4	1.9	21.0
		1	24	20.0	20.0	20.0	20.0	4.5	21.0	20.0	20.0	20.0	20.0	1.9	21.0
		12	0	20.0	20.0	20.0	20.4	4.5	21.0	20.4	20.0	20.0	20.0	1.9	21.0
		12	7	20.4	20.4	20.0	20.6	4.5	21.0	20.4	20.4	20.0	20.4	1.9	21.0
		12	13	20.0	20.0	20.0	20.5	4.5	21.0	20.4	20.0	20.0	20.4	1.9	21.0
		25	0	20.0	20.0	20.0	20.5	4.5	21.0	20.4	20.0	20.0	20.4	1.9	21.0

LTE Band 48 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	21.7	21.7	21.8	22.0	0	23.5	22.5	22.5	22.5	22.5	0	24.5
		1	49	21.7	21.9	21.9	22.0	0	23.5	22.5	22.5	22.5	22.5	0	24.5
		1	99	21.8	21.9	21.9	22.0	0	23.5	22.5	22.5	22.5	22.5	0	24.5
		50	0	21.8	21.9	21.9	22.0	0	23.5	22.4	22.4	22.4	22.5	0.8	23.7
		50	24	21.8	22.0	22.0	22.0	0	23.5	22.4	22.5	22.5	22.5	0.8	23.7
		50	50	21.9	22.0	22.0	22.1	0	23.5	22.5	22.5	22.5	22.6	0.8	23.7
		100	0	21.8	21.9	22.0	22.0	0	23.5	22.4	22.4	22.5	22.5	0.8	23.7
	16QAM	1	0	22.0	21.9	22.2	22.1	0	23.5	22.2	22.2	22.2	22.3	0.8	23.7
		1	49	22.0	22.0	22.2	22.1	0	23.5	22.3	22.3	22.3	22.3	0.8	23.7
		1	99	22.0	22.0	22.2	22.1	0	23.5	22.3	22.3	22.3	22.3	0.8	23.7
		50	0	21.6	21.6	21.8	21.7	0.8	22.7	21.8	21.8	21.8	22.0	1.8	22.7
		50	24	21.6	21.7	21.9	21.7	0.8	22.7	21.9	21.9	22.0	22.0	1.8	22.7
		50	50	21.6	21.7	21.9	21.8	0.8	22.7	21.9	21.9	22.0	22.0	1.8	22.7
		100	0	21.6	21.7	21.8	21.7	0.8	22.7	21.8	21.9	22.0	21.9	1.8	22.7
	64QAM	1	0	21.7	21.6	22.1	21.9	0.8	22.7	21.7	22.1	21.8	22.1	1.8	22.7
		1	49	21.8	21.8	21.9	21.9	0.8	22.7	21.8	21.9	21.9	21.9	1.8	22.7
		1	99	21.8	21.8	21.9	21.9	0.8	22.7	21.8	21.8	21.9	21.9	1.8	22.7
		50	0	20.6	20.8	20.7	20.9	1.8	21.7	20.7	20.7	20.9	20.8	2.8	21.7
		50	24	20.8	20.8	20.9	20.9	1.8	21.7	20.9	20.8	21.0	20.9	2.8	21.7
		50	50	20.8	20.8	20.9	20.9	1.8	21.7	20.9	20.8	21.0	20.9	2.8	21.7
		100	0	20.7	20.8	20.8	20.8	1.8	21.7	20.8	20.8	20.9	20.9	2.8	21.7
	256QAM	1	0	18.5	18.6	18.6	18.9	3.8	19.7	18.7	18.6	18.9	18.6	4.8	19.7
		1	49	18.6	18.7	18.7	19.0	3.8	19.7	18.8	18.8	18.8	18.8	4.8	19.7
		1	99	18.6	18.7	18.7	18.9	3.8	19.7	18.9	18.7	18.8	18.7	4.8	19.7
		50	0	18.6	18.7	18.7	18.8	3.8	19.7	18.7	18.7	18.8	18.7	4.8	19.7
		50	24	18.8	18.8	18.9	18.9	3.8	19.7	18.9	18.8	19.0	18.9	4.8	19.7
		50	50	18.7	18.8	18.8	18.9	3.8	19.7	18.9	18.8	18.9	18.9	4.8	19.7
		100	0	18.7	18.8	18.8	18.8	3.8	19.7	18.8	18.8	18.9	18.9	4.8	19.7
15	QPSK	1	0	21.8	21.8	22.1	22.0	0	23.5	22.5	22.5	22.7	22.5	0	24.5
		1	37	21.9	21.9	22.1	22.1	0	23.5	22.6	22.5	22.8	22.5	0	24.5
		1	74	21.9	21.9	22.1	22.1	0	23.5	22.6	22.5	22.8	22.5	0	24.5
		36	0	21.9	21.9	22.1	22.0	0	23.5	22.5	22.1	22.7	22.0	0.8	23.7
		36	20	21.9	21.9	22.0	22.0	0	23.5	22.5	22.1	22.7	22.0	0.8	23.7
		36	39	21.9	22.0	22.1	22.1	0	23.5	22.6	22.2	22.8	22.1	0.8	23.7
	16QAM	75	0	21.8	21.9	22.0	22.1	0	23.5	22.5	22.0	22.7	22.0	0.8	23.7
		1	0	21.8	21.7	22.2	22.0	0	23.5	22.7	22.2	22.7	22.2	0.8	23.7
		1	37	21.9	21.8	22.3	22.1	0	23.5	22.8	22.4	22.8	22.2	0.8	23.7
		1	74	21.9	21.9	22.3	22.1	0	23.5	22.9	22.4	22.9	22.3	0.8	23.7
		36	0	21.6	21.6	21.8	21.8	0.8	22.7	21.7	21.8	21.9	21.7	1.8	22.7
		36	20	21.6	21.7	21.8	21.7	0.8	22.7	21.8	21.8	21.9	21.7	1.8	22.7
		36	39	21.6	21.7	21.8	21.8	0.8	22.7	21.8	21.9	22.0	21.8	1.8	22.7
		75	0	21.6	21.6	21.7	21.8	0.8	22.7	21.7	21.7	21.9	21.7	1.8	22.7
	64QAM	1	0	21.7	21.8	22.1	21.9	0.8	22.7	22.1	22.1	21.8	22.1	1.8	22.7
		1	37	21.7	21.8	21.9	21.9	0.8	22.7	21.9	21.9	22.0	21.9	1.8	22.7
		1	74	21.8	21.9	21.9	21.8	0.8	22.7	22.0	22.0	22.0	21.9	1.8	22.7
		36	0	20.7	20.8	20.8	20.9	1.8	21.7	20.8	20.8	20.9	20.8	2.8	21.7
		36	20	20.8	20.8	20.8	21.0	1.8	21.7	20.8	20.8	20.9	20.7	2.8	21.7
		36	39	20.8	20.8	20.8	21.0	1.8	21.7	20.9	20.9	21.0	20.8	2.8	21.7
		75	0	20.8	20.8	20.8	21.0	1.8	21.7	20.8	20.8	20.9	20.7	2.8	21.7
	256QAM	1	0	18.5	18.6	18.6	18.7	3.8	19.7	18.6	18.6	18.7	18.6	4.8	19.7
		1	37	18.6	18.8	18.8	18.9	3.8	19.7	18.7	18.8	18.8	18.7	4.8	19.7
		1	74	18.7	18.8	18.8	18.9	3.8	19.7	18.9	18.9	19.0	18.9	4.8	19.7
		36	0	18.7	18.8	18.7	18.8	3.8	19.7	18.7	18.8	18.8	18.7	4.8	19.7
		36	20	18.8	18.8	18.7	18.9	3.8	19.7	18.8	18.8	18.9	18.7	4.8	19.7
		36	39	18.8	18.8	18.8	18.9	3.8	19.7	18.9	18.9	18.9	18.8	4.8	19.7
		75	0	18.8	18.8	18.7	18.9	3.8	19.7	18.8	18.8	18.9	18.7	4.8	19.7

LTE Band 48 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	21.8	21.9	22.1	22.1	0	23.5	22.5	22.5	22.7	22.6	0	24.5
		1	25	21.9	21.9	22.2	22.1	0	23.5	22.6	22.5	22.7	22.6	0	24.5
		1	49	21.9	21.9	22.1	22.1	0	23.5	22.6	22.5	22.7	22.6	0	24.5
		25	0	21.9	22.0	22.0	22.1	0	23.5	22.5	22.0	22.7	22.5	0.8	23.7
		25	12	21.9	22.0	22.1	22.1	0	23.5	22.6	22.1	22.7	22.6	0.8	23.7
		25	25	21.9	22.0	22.1	22.1	0	23.5	22.6	22.1	22.7	22.6	0.8	23.7
	16QAM	50	0	21.9	22.0	22.0	22.0	0	23.5	22.6	22.1	22.7	22.5	0.8	23.7
		1	0	21.9	21.8	22.2	22.1	0	23.5	22.7	22.2	22.7	22.7	0.8	23.7
		1	25	22.0	22.0	22.3	22.2	0	23.5	22.8	22.3	22.8	22.8	0.8	23.7
		1	49	22.0	21.9	22.2	22.1	0	23.5	22.7	22.3	22.8	22.7	0.8	23.7
		25	0	21.6	21.7	21.7	21.8	0.8	22.7	21.7	21.7	21.9	21.7	1.8	22.7
		25	12	21.7	21.7	21.8	21.8	0.8	22.7	21.8	21.8	21.9	21.8	1.8	22.7
	64QAM	25	25	21.7	21.7	21.8	21.9	0.8	22.7	21.7	21.8	21.9	21.8	1.8	22.7
		50	0	21.6	21.7	21.8	21.8	0.8	22.7	21.8	21.8	21.9	21.7	1.8	22.7
		1	0	21.7	21.8	22.1	22.0	0.8	22.7	22.1	22.1	21.8	22.1	1.8	22.7
		1	25	21.9	21.8	21.9	22.0	0.8	22.7	21.9	21.9	22.0	21.9	1.8	22.7
		1	49	21.8	21.9	21.9	21.9	0.8	22.7	21.9	21.8	21.9	21.9	1.8	22.7
		25	0	20.7	20.8	20.7	20.9	1.8	21.7	20.7	20.7	20.9	20.7	2.8	21.7
	256QAM	25	12	20.8	20.8	20.8	20.9	1.8	21.7	20.7	20.8	20.9	20.8	2.8	21.7
		25	25	20.8	20.8	20.8	21.0	1.8	21.7	20.8	20.8	20.9	20.8	2.8	21.7
		50	0	20.8	20.8	20.7	20.9	1.8	21.7	20.7	20.8	20.9	20.7	2.8	21.7
		1	0	18.5	18.6	18.6	18.7	3.8	19.7	18.6	18.6	18.8	18.6	4.8	19.7
		1	25	18.7	18.7	18.7	18.8	3.8	19.7	18.7	18.7	19.0	18.7	4.8	19.7
		1	49	18.7	18.7	18.7	18.8	3.8	19.7	18.8	18.7	18.9	18.7	4.8	19.7
5	QPSK	25	0	18.7	18.8	18.7	18.9	3.8	19.7	18.7	18.7	18.8	18.7	4.8	19.7
		25	12	18.8	18.8	18.7	18.9	3.8	19.7	18.7	18.8	18.9	18.7	4.8	19.7
		25	25	18.8	18.8	18.8	18.9	3.8	19.7	18.8	18.8	18.9	18.7	4.8	19.7
		50	0	18.8	18.8	18.7	18.9	3.8	19.7	18.7	18.8	18.9	18.7	4.8	19.7
	16QAM	1	0	21.9	21.9	22.1	22.2	0	23.5	22.5	22.5	22.6	22.6	0	24.5
		1	12	21.9	22.0	22.1	22.2	0	23.5	22.5	22.5	22.6	22.5	0	24.5
		1	24	21.9	21.9	22.1	22.1	0	23.5	22.5	22.5	22.7	22.6	0	24.5
		12	0	21.9	22.0	22.0	22.1	0	23.5	22.4	22.0	22.6	22.5	0.8	23.7
		12	7	22.0	22.0	22.0	22.2	0	23.5	22.4	22.0	22.6	22.5	0.8	23.7
		12	13	21.9	22.0	22.0	22.1	0	23.5	22.5	22.0	22.7	22.5	0.8	23.7
	64QAM	25	0	21.9	21.9	22.0	22.1	0	23.5	22.5	22.1	22.6	22.5	0.8	23.7
		1	0	21.9	22.1	22.3	22.2	0	23.5	22.7	22.1	22.8	22.6	0.8	23.7
		1	12	21.9	22.2	22.2	22.2	0	23.5	22.7	22.1	22.8	22.7	0.8	23.7
		1	24	21.9	22.1	22.3	22.2	0	23.5	22.8	22.2	22.8	22.7	0.8	23.7
		12	0	21.7	21.7	22.0	21.9	0.8	22.7	22.5	22.1	22.7	22.5	1.8	22.7
		12	7	21.7	21.8	22.0	21.9	0.8	22.7	22.5	22.1	22.7	22.5	1.8	22.7
	256QAM	12	13	21.7	21.7	22.0	21.9	0.8	22.7	22.5	22.1	22.7	22.5	1.8	22.7
		25	0	21.7	21.7	21.7	21.9	0.8	22.7	21.7	21.8	21.8	21.7	1.8	22.7
		1	0	21.7	21.8	22.1	22.0	0.8	22.7	22.1	22.1	21.9	22.1	1.8	22.7
		1	12	21.8	21.9	21.8	22.1	0.8	22.7	21.8	21.9	21.9	21.8	1.8	22.7
		1	24	21.7	21.8	21.9	22.0	0.8	22.7	21.9	22.0	21.9	21.8	1.8	22.7
		12	0	20.7	20.8	21.7	20.9	1.8	21.7	20.8	20.8	20.9	20.8	2.8	21.7
5	64QAM	12	7	20.8	20.9	21.7	21.0	1.8	21.7	20.8	20.8	20.9	20.8	2.8	21.7
		12	13	20.7	20.9	21.7	21.0	1.8	21.7	20.8	20.8	20.9	20.8	2.8	21.7
		25	0	20.8	20.8	20.7	21.0	1.8	21.7	20.7	20.8	20.9	20.7	2.8	21.7
	256QAM	1	0	18.7	18.7	18.6	18.8	3.8	19.7	18.6	18.6	18.9	18.6	4.8	19.7
		1	12	18.8	18.9	18.7	18.9	3.8	19.7	18.7	18.7	18.9	18.6	4.8	19.7
		1	24	18.8	18.7	18.7	18.8	3.8	19.7	18.7	18.7	18.9	18.7	4.8	19.7
		12	0	18.8	18.8	18.7	18.9	3.8	19.7	18.7	18.7	18.9	18.7	4.8	19.7
		12	7	18.8	18.8	18.7	19.0	3.8	19.7	18.7	18.7	18.9	18.7	4.8	19.7
		12	13	18.7	18.8	18.7	18.9	3.8	19.7	18.7	18.7	18.9	18.7	4.8	19.7
		25	0	18.7	18.8	18.7	19.0	3.8	19.7	18.7	18.7	18.9	18.7	4.8	19.7

LTE Band 53 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)									
					60197		MPR	Tune-up Limit		60197		MPR	Tune-up Limit				
					2489.2 MHz					2489.2 MHz							
10	QPSK	1	0		19.0		0	20.7		19.0		0	20.7				
		1	25		19.1		0	20.7		19.1		0	20.7				
		1	49		18.9		0	20.7		18.9		0	20.7				
		25	0		19.0		0	20.7		19.0		0	20.7				
		25	12		19.0		0	20.7		19.0		0	20.7				
		25	25		19.0		0	20.7		19.0		0	20.7				
		50	0		19.0		0	20.7		19.0		0	20.7				
	16QAM	1	0		19.1		0	20.7		19.1		0	20.7				
		1	25		19.1		0	20.7		19.1		0	20.7				
		1	49		19.0		0	20.7		19.0		0	20.7				
		25	0		19.0		0	20.7		19.0		0	20.7				
		25	12		19.0		0	20.7		19.0		0	20.7				
		25	25		19.0		0	20.7		19.0		0	20.7				
	64QAM	50	0		19.0		0	20.7		19.0		0	20.7				
		1	0		19.0		0	20.7		19.0		0	20.7				
		1	25		19.0		0	20.7		19.0		0	20.7				
		1	49		19.0		0	20.7		19.0		0	20.7				
		25	0		19.0		0	20.7		19.0		0	20.7				
		25	12		19.0		0	20.7		19.0		0	20.7				
	256QAM	25	25		19.0		0	20.7		19.0		0	20.7				
		50	0		19.0		0	20.7		19.0		0	20.7				
		1	0		18.9		0	20.7		18.9		0	20.7				
		1	25		19.0		0	20.7		19.0		0	20.7				
		1	49		18.8		0	20.7		18.8		0	20.7				
		25	0		19.0		0	20.7		19.0		0	20.7				
		25	12		19.0		0	20.7		19.0		0	20.7				
		25	25		18.9		0	20.7		18.9		0	20.7				
	50	0		19.0		0	20.7		19.0		0	20.7					
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)									
					60197		MPR	Tune-up Limit		60197		MPR	Tune-up Limit				
					2489.2 MHz					2489.2 MHz							
5	QPSK	1	0		19.0		0	20.7		19.0		0	20.7				
		1	12		19.0		0	20.7		19.0		0	20.7				
		1	24		18.9		0	20.7		18.9		0	20.7				
		12	0		18.9		0	20.7		18.9		0	20.7				
		12	7		18.9		0	20.7		18.9		0	20.7				
		12	13		18.9		0	20.7		18.9		0	20.7				
		25	0		18.9		0	20.7		18.9		0	20.7				
	16QAM	1	0		19.2		0	20.7		19.2		0	20.7				
		1	12		19.2		0	20.7		19.2		0	20.7				
		1	24		19.1		0	20.7		19.1		0	20.7				
		12	0		19.0		0	20.7		19.0		0	20.7				
		12	7		19.0		0	20.7		19.0		0	20.7				
		12	13		19.0		0	20.7		19.0		0	20.7				
	64QAM	25	0		18.9		0	20.7		18.9		0	20.7				
		1	0		19.0		0	20.7		19.0		0	20.7				
		1	12		19.1		0	20.7		19.1		0	20.7				
		1	24		19.0		0	20.7		19.0		0	20.7				
		12	0		19.0		0	20.7		19.0		0	20.7				
		12	7		19.0		0	20.7		19.0		0	20.7				
	256QAM	12	13		19.0		0	20.7		19.0		0	20.7				
		25	0		19.0		0	20.7		19.0		0	20.7				
		1	0		18.9		0	20.7		18.9		0	20.7				
		1	12		19.0		0	20.7		19.0		0	20.7				
		1	24		18.9		0	20.7		18.9		0	20.7				
		12	0		19.0		0	20.7		19.0		0	20.7				
		12	7		19.0		0	20.7		19.0		0	20.7				
		12	13		18.9		0	20.7		18.9		0	20.7				
	25	0		18.9		0	20.7		18.9		0	20.7					

LTE Band 53 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				60155	60197	60240	MPR	Tune-up Limit	60155	60197	60240	MPR	Tune-up Limit
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
		1	8	19.0	19.1	19.0	0	20.7	19.0	19.1	19.0	0	20.7
		1	14	18.9	18.9	18.9	0	20.7	18.9	18.9	18.9	0	20.7
		8	0	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
		8	4	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
		8	7	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
		15	0	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
	16QAM	1	0	19.0	19.2	19.0	0	20.7	19.0	19.2	19.0	0	20.7
		1	8	19.2	19.0	19.1	0	20.7	19.2	19.0	19.1	0	20.7
		1	14	19.0	18.9	18.9	0	20.7	19.0	18.9	18.9	0	20.7
		8	0	19.1	18.9	19.0	0	20.7	19.1	18.9	19.0	0	20.7
		8	4	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		8	7	19.1	18.9	19.0	0	20.7	19.1	18.9	19.0	0	20.7
		15	0	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
	64QAM	1	0	18.9	19.1	19.0	0	20.7	18.9	19.1	19.0	0	20.7
		1	8	19.0	19.1	19.0	0	20.7	19.0	19.1	19.0	0	20.7
		1	14	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		8	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		8	4	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		8	7	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		15	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
	256QAM	1	0	18.9	18.8	18.9	0	20.7	18.9	18.8	18.9	0	20.7
		1	8	18.8	19.0	18.9	0	20.7	18.8	19.0	18.9	0	20.7
		1	14	18.9	18.9	19.0	0	20.7	18.9	18.9	19.0	0	20.7
		8	0	19.0	18.9	18.9	0	20.7	19.0	18.9	18.9	0	20.7
		8	4	19.0	19.0	18.9	0	20.7	19.0	19.0	18.9	0	20.7
		8	7	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
		15	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				60147	60197	60248	MPR	Tune-up Limit	60147	60197	60248	MPR	Tune-up Limit
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	19.0	18.9	19.0	0	20.7	19.0	18.9	19.0	0	20.7
		1	3	19.0	19.0	19.1	0	20.7	19.0	19.0	19.1	0	20.7
		1	5	19.1	19.0	19.1	0	20.7	19.1	19.0	19.1	0	20.7
		3	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		3	1	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		3	3	19.1	19.0	19.1	0	20.7	19.1	19.0	19.1	0	20.7
		6	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
	16QAM	1	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		1	3	19.2	19.1	19.1	0	20.7	19.2	19.1	19.1	0	20.7
		1	5	19.1	19.1	19.0	0	20.7	19.1	19.1	19.0	0	20.7
		3	0	19.1	19.0	19.0	0	20.7	19.1	19.0	19.0	0	20.7
		3	1	19.1	19.0	19.0	0	20.7	19.1	19.0	19.0	0	20.7
		3	3	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		6	0	19.1	19.0	19.1	0	20.7	19.1	19.0	19.1	0	20.7
	64QAM	1	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		1	3	19.0	19.0	19.1	0	20.7	19.0	19.0	19.1	0	20.7
		1	5	19.1	19.1	19.0	0	20.7	19.1	19.1	19.0	0	20.7
		3	0	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		3	1	19.1	19.1	19.1	0	20.7	19.1	19.1	19.1	0	20.7
		3	3	19.1	19.1	19.0	0	20.7	19.1	19.1	19.0	0	20.7
		6	0	19.1	19.0	19.1	0	20.7	19.1	19.0	19.1	0	20.7
	256QAM	1	0	18.9	18.9	18.9	0	20.7	18.9	18.9	18.9	0	20.7
		1	3	18.9	19.0	19.0	0	20.7	18.9	19.0	19.0	0	20.7
		1	5	19.0	19.0	19.0	0	20.7	19.0	19.0	19.0	0	20.7
		3	0	19.1	19.0	19.0	0	20.7	19.1	19.0	19.0	0	20.7
		3	1	19.1	19.0	19.0	0	20.7	19.1	19.0	19.0	0	20.7
		3	3	19.1	19.0	19.0	0	20.7	19.1	19.0	19.0	0	20.7
		6	0	18.9	18.9	19.0	0	20.7	18.9	18.9	19.0	0	20.7

LTE Band 53 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)					
					60197		MPR	Tune-up Limit		60197		MPR	Tune-up Limit
					2489.2 MHz					2489.2 MHz			
10	QPSK	1	0		18.8		0	20.7		19.1		0	20.7
		1	25		18.8		0	20.7		19.1		0	20.7
		1	49		18.7		0	20.7		19.2		0	20.7
		25	0		18.7		0	20.7		19.2		0	20.7
		25	12		18.8		0	20.7		19.2		0	20.7
		25	25		18.7		0	20.7		19.1		0	20.7
		50	0		18.8		0	20.7		19.1		0	20.7
	16QAM	1	0		18.7		0	20.7		19.2		0	20.7
		1	25		18.8		0	20.7		19.2		0	20.7
		1	49		18.7		0	20.7		19.0		0	20.7
		25	0		18.7		0	20.7		19.1		0	20.7
		25	12		18.7		0	20.7		19.1		0	20.7
		25	25		18.7		0	20.7		19.1		0	20.7
	64QAM	50	0		18.7		0	20.7		19.1		0	20.7
		1	0		18.7		0	20.7		19.1		0	20.7
		1	25		18.8		0	20.7		19.3		0	20.7
		1	49		18.7		0	20.7		19.1		0	20.7
		25	0		18.7		0	20.7		19.1		0	20.7
		25	12		18.7		0	20.7		19.1		0	20.7
	256QAM	25	25		18.7		0	20.7		19.1		0	20.7
		50	0		18.8		0	20.7		19.1		0	20.7
		1	0		17.8		2	18.7		17.8		2	18.7
		1	25		17.9		2	18.7		17.9		2	18.7
		1	49		17.7		2	18.7		17.7		2	18.7
		25	0		18.0		2	18.7		17.9		2	18.7
		25	12		18.0		2	18.7		18.0		2	18.7
		25	25		17.9		2	18.7		17.9		2	18.7
	50	0		17.9		2	18.7		17.9		2	18.7	
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)					
					60197		MPR	Tune-up Limit		60197		MPR	Tune-up Limit
					2489.2 MHz					2489.2 MHz			
5	QPSK	1	0		18.8		0	20.7		19.2		0	20.7
		1	12		18.8		0	20.7		19.3		0	20.7
		1	24		18.7		0	20.7		19.1		0	20.7
		12	0		18.7		0	20.7		19.1		0	20.7
		12	7		18.7		0	20.7		19.2		0	20.7
		12	13		18.7		0	20.7		19.1		0	20.7
		25	0		18.7		0	20.7		19.1		0	20.7
	16QAM	1	0		18.9		0	20.7		19.4		0	20.7
		1	12		19.0		0	20.7		19.4		0	20.7
		1	24		18.9		0	20.7		19.3		0	20.7
		12	0		18.7		0	20.7		19.1		0	20.7
		12	7		18.7		0	20.7		19.1		0	20.7
		12	13		18.7		0	20.7		19.1		0	20.7
		25	0		18.7		0	20.7		19.1		0	20.7
	64QAM	1	0		18.8		0	20.7		19.2		0	20.7
		1	12		18.9		0	20.7		19.3		0	20.7
		1	24		18.7		0	20.7		19.1		0	20.7
		12	0		18.7		0	20.7		19.1		0	20.7
		12	7		18.7		0	20.7		19.1		0	20.7
		12	13		18.7		0	20.7		19.1		0	20.7
		25	0		18.7		0	20.7		19.1		0	20.7
	256QAM	1	0		17.9		2	18.7		17.8		2	18.7
		1	12		17.9		2	18.7		18.0		2	18.7
		1	24		17.7		2	18.7		17.8		2	18.7
		12	0		17.9		2	18.7		18.0		2	18.7
		12	7		17.9		2	18.7		18.0		2	18.7
		12	13		17.9		2	18.7		17.9		2	18.7
		25	0		17.9		2	18.7		17.9		2	18.7

LTE Band 53 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				60155	60197	60240	MPR	Tune-up Limit	60155	60197	60240	MPR	Tune-up Limit
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	18.7	18.8	18.7	0	20.7	19.1	19.1	19.1	0	20.7
		1	8	18.7	18.8	18.7	0	20.7	19.2	19.3	19.2	0	20.7
		1	14	18.7	18.7	18.7	0	20.7	19.1	19.1	19.1	0	20.7
		8	0	18.7	18.7	18.7	0	20.7	19.1	19.1	19.2	0	20.7
		8	4	18.7	18.8	18.7	0	20.7	19.2	19.2	19.1	0	20.7
		8	7	18.7	18.7	18.7	0	20.7	19.2	19.1	19.2	0	20.7
		15	0	18.7	18.7	18.7	0	20.7	19.1	19.1	19.1	0	20.7
	16QAM	1	0	18.7	18.8	18.8	0	20.7	19.2	19.2	19.1	0	20.7
		1	8	18.7	18.9	18.8	0	20.7	19.3	19.3	19.2	0	20.7
		1	14	18.7	18.7	18.8	0	20.7	19.1	19.2	19.0	0	20.7
		8	0	18.7	18.7	18.7	0	20.7	19.1	19.2	19.2	0	20.7
		8	4	18.7	18.8	18.7	0	20.7	19.2	19.2	19.2	0	20.7
		8	7	18.7	18.7	18.7	0	20.7	19.1	19.2	19.2	0	20.7
		15	0	18.7	18.7	18.7	0	20.7	19.1	19.1	19.1	0	20.7
	64QAM	1	0	18.7	18.7	18.7	0	20.7	19.1	19.3	19.2	0	20.7
		1	8	18.7	18.9	18.7	0	20.7	19.2	19.2	19.2	0	20.7
		1	14	18.7	18.8	18.7	0	20.7	19.1	19.0	19.0	0	20.7
		8	0	18.7	18.8	18.7	0	20.7	19.2	19.1	19.1	0	20.7
		8	4	18.7	18.9	18.7	0	20.7	19.2	19.2	19.2	0	20.7
		8	7	18.7	18.7	18.7	0	20.7	19.2	19.1	19.1	0	20.7
		15	0	18.7	18.7	18.7	0	20.7	19.2	19.1	19.1	0	20.7
	256QAM	1	0	17.8	17.5	17.7	2	18.7	17.9	17.8	17.9	2	18.7
		1	8	17.8	17.9	17.9	2	18.7	18.0	18.1	18.0	2	18.7
		1	14	17.7	17.9	17.6	2	18.7	17.8	17.8	17.7	2	18.7
		8	0	17.8	17.9	17.8	2	18.7	18.0	17.9	17.9	2	18.7
		8	4	17.9	18.1	17.8	2	18.7	18.0	18.0	17.9	2	18.7
		8	7	17.8	17.9	17.8	2	18.7	18.0	17.9	18.0	2	18.7
		15	0	17.8	17.9	17.8	2	18.7	18.0	17.9	17.9	2	18.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				60147	60197	60248	MPR	Tune-up Limit	60147	60197	60248	MPR	Tune-up Limit
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	18.7	18.7	18.7	0	20.7	18.9	19.1	18.8	0	20.7
		1	3	18.8	18.8	18.7	0	20.7	19.0	19.1	19.0	0	20.7
		1	5	18.7	18.8	18.7	0	20.7	19.0	19.2	18.9	0	20.7
		3	0	18.7	18.8	18.7	0	20.7	18.9	19.1	18.9	0	20.7
		3	1	18.7	18.8	18.7	0	20.7	19.0	19.1	19.0	0	20.7
		3	3	18.7	18.8	18.7	0	20.7	19.1	19.1	19.0	0	20.7
		6	0	18.7	18.8	18.7	0	20.7	19.0	19.1	18.9	0	20.7
	16QAM	1	0	18.7	18.8	18.7	0	20.7	19.0	19.1	18.9	0	20.7
		1	3	18.7	18.9	18.7	0	20.7	19.0	19.2	18.9	0	20.7
		1	5	18.7	18.9	18.7	0	20.7	19.1	19.2	18.9	0	20.7
		3	0	18.7	18.8	18.7	0	20.7	18.9	19.1	18.9	0	20.7
		3	1	18.7	18.8	18.7	0	20.7	19.0	19.1	18.9	0	20.7
		3	3	18.7	18.8	18.7	0	20.7	19.0	19.1	18.9	0	20.7
		6	0	18.7	18.8	18.7	0	20.7	19.0	19.2	19.0	0	20.7
	64QAM	1	0	18.7	18.7	18.7	0	20.7	18.9	19.0	18.9	0	20.7
		1	3	18.7	18.8	18.7	0	20.7	19.0	19.1	19.0	0	20.7
		1	5	18.7	18.7	18.7	0	20.7	19.0	19.1	19.1	0	20.7
		3	0	18.7	18.7	18.7	0	20.7	18.9	19.1	19.0	0	20.7
		3	1	18.7	18.7	18.7	0	20.7	19.0	19.1	19.1	0	20.7
		3	3	18.7	18.8	18.7	0	20.7	19.1	19.1	19.0	0	20.7
		6	0	18.7	18.8	18.7	0	20.7	19.0	19.1	19.1	0	20.7
	256QAM	1	0	17.8	17.8	17.7	2	18.7	18.1	18.1	18.0	2	18.7
		1	3	17.7	17.9	17.8	2	18.7	18.1	18.2	18.1	2	18.7
		1	5	17.8	17.9	17.8	2	18.7	18.2	18.2	18.1	2	18.7
		3	0	17.8	17.9	17.9	2	18.7	18.2	18.3	18.2	2	18.7
		3	1	17.8	18.0	17.9	2	18.7	18.2	18.3	18.2	2	18.7
		3	3	17.8	18.0	17.9	2	18.7	18.2	18.3	18.2	2	18.7
		6	0	17.8	17.9	17.8	2	18.7	18.2	18.2	18.2	2	18.7

LTE Band 66 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	24.0	24.1	24.1	0	25.7	19.6	19.7	19.7	0	20.5
		1	49	24.1	24.0	24.1	0	25.7	19.7	19.7	19.7	0	20.5
		1	99	24.0	24.0	24.1	0	25.7	19.6	19.6	19.7	0	20.5
		50	0	23.8	23.9	23.9	1	24.7	19.7	19.7	19.7	0	20.5
		50	24	23.9	24.0	23.9	1	24.7	19.7	19.7	19.6	0	20.5
		50	50	23.8	23.9	23.9	1	24.7	19.7	19.7	19.7	0	20.5
		100	0	23.9	23.9	23.9	1	24.7	19.7	19.7	19.6	0	20.5
	16QAM	1	0	23.9	23.8	23.9	1	24.7	19.6	19.5	19.7	0	20.5
		1	49	23.8	23.9	23.9	1	24.7	19.7	19.6	19.7	0	20.5
		1	99	23.8	23.7	23.9	1	24.7	19.5	19.5	19.8	0	20.5
		50	0	23.7	23.6	23.7	2	23.7	19.5	19.4	19.5	0	20.5
		50	24	23.7	23.7	23.7	2	23.7	19.6	19.5	19.6	0	20.5
		50	50	23.7	23.7	23.7	2	23.7	19.5	19.5	19.6	0	20.5
		100	0	23.7	23.7	23.7	2	23.7	19.5	19.5	19.6	0	20.5
	64QAM	1	0	22.9	22.8	22.9	2	23.7	19.7	19.6	19.7	0	20.5
		1	49	22.9	22.8	23.0	2	23.7	19.7	19.6	19.8	0	20.5
		1	99	23.0	22.8	22.9	2	23.7	19.6	19.5	19.6	0	20.5
		50	0	21.7	21.6	21.7	3	22.7	19.4	19.4	19.5	0	20.5
		50	24	21.8	21.7	21.8	3	22.7	19.5	19.5	19.6	0	20.5
		50	50	21.8	21.7	21.7	3	22.7	19.5	19.4	19.5	0	20.5
		100	0	21.8	21.7	21.8	3	22.7	19.5	19.4	19.5	0	20.5
	256QAM	1	0	19.8	19.8	19.8	5	20.7	19.5	19.5	19.6	0	20.5
		1	49	19.9	19.9	19.8	5	20.7	19.6	19.5	19.6	0	20.5
		1	99	19.8	19.7	19.7	5	20.7	19.6	19.5	19.6	0	20.5
		50	0	19.7	19.6	19.7	5	20.7	19.5	19.4	19.5	0	20.5
		50	24	19.8	19.7	19.7	5	20.7	19.5	19.5	19.6	0	20.5
		50	50	19.7	19.6	19.7	5	20.7	19.5	19.4	19.5	0	20.5
		100	0	19.8	19.7	19.7	5	20.7	19.5	19.4	19.5	0	20.5
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	24.0	23.9	23.9	0	25.7	19.6	19.5	19.5	0	20.5
		1	37	23.9	23.9	24.0	0	25.7	19.5	19.4	19.6	0	20.5
		1	74	23.9	23.8	24.0	0	25.7	19.4	19.4	19.5	0	20.5
		36	0	23.7	23.6	23.7	1	24.7	19.4	19.4	19.5	0	20.5
		36	20	23.8	23.7	23.8	1	24.7	19.5	19.5	19.6	0	20.5
		36	39	23.7	23.7	23.8	1	24.7	19.5	19.4	19.5	0	20.5
		75	0	23.7	23.6	23.8	1	24.7	19.5	19.4	19.5	0	20.5
	16QAM	1	0	23.9	23.9	23.9	1	24.7	19.7	19.6	19.6	0	20.5
		1	37	23.9	23.8	23.9	1	24.7	19.7	19.6	19.7	0	20.5
		1	74	23.8	23.8	23.9	1	24.7	19.6	19.5	19.7	0	20.5
		36	0	22.7	22.7	22.8	2	23.7	19.5	19.4	19.5	0	20.5
		36	20	22.8	22.7	22.8	2	23.7	19.5	19.5	19.6	0	20.5
		36	39	22.7	22.7	22.8	2	23.7	19.5	19.5	19.6	0	20.5
		75	0	22.7	22.7	22.8	2	23.7	19.5	19.5	19.6	0	20.5
	64QAM	1	0	23.0	23.0	23.0	2	23.7	19.7	19.6	19.7	0	20.5
		1	37	23.0	22.9	23.1	2	23.7	19.7	19.6	19.7	0	20.5
		1	74	23.0	22.9	23.0	2	23.7	19.5	19.5	19.7	0	20.5
		36	0	21.8	21.7	21.7	3	22.7	19.4	19.4	19.5	0	20.5
		36	20	21.9	21.8	21.8	3	22.7	19.5	19.5	19.6	0	20.5
		36	39	21.9	21.7	21.8	3	22.7	19.5	19.5	19.6	0	20.5
		75	0	21.8	21.7	21.8	3	22.7	19.5	19.5	19.6	0	20.5
	256QAM	1	0	19.8	19.8	19.9	5	20.7	19.6	19.5	19.7	0	20.5
		1	37	19.9	19.9	19.9	5	20.7	19.6	19.6	19.7	0	20.5
		1	74	19.8	19.8	19.9	5	20.7	19.6	19.5	19.6	0	20.5
		36	0	19.7	19.6	19.7	5	20.7	19.4	19.4	19.5	0	20.5
		36	20	19.8	19.7	19.8	5	20.7	19.5	19.5	19.6	0	20.5
		36	39	19.8	19.7	19.8	5	20.7	19.5	19.4	19.6	0	20.5
		75	0	19.8	19.7	19.8	5	20.7	19.5	19.5	19.6	0	20.5

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132022	132322	132622	MPR	Tune-up Limit	132022	132322	132622	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	23.8	23.8	23.9	0	25.7	19.4	19.4	19.5	0	20.5
		1	25	23.9	23.8	24.0	0	25.7	19.5	19.5	19.6	0	20.5
		1	49	23.8	23.8	23.9	0	25.7	19.4	19.4	19.5	0	20.5
		25	0	23.6	23.6	23.8	1	24.7	19.4	19.4	19.5	0	20.5
		25	12	23.7	23.7	23.8	1	24.7	19.5	19.5	19.6	0	20.5
		25	25	23.7	23.7	23.8	1	24.7	19.5	19.4	19.6	0	20.5
		50	0	23.7	23.7	23.8	1	24.7	19.5	19.4	19.6	0	20.5
	16QAM	1	0	23.8	23.8	23.9	1	24.7	19.6	19.6	19.6	0	20.5
		1	25	23.8	23.8	24.0	1	24.7	19.6	19.6	19.7	0	20.5
		1	49	23.8	23.7	23.9	1	24.7	19.6	19.5	19.6	0	20.5
		25	0	22.7	22.6	22.7	2	23.7	19.4	19.4	19.5	0	20.5
		25	12	22.7	22.7	22.9	2	23.7	19.5	19.5	19.6	0	20.5
		25	25	22.7	22.7	22.8	2	23.7	19.5	19.5	19.6	0	20.5
		50	0	22.7	22.7	22.8	2	23.7	19.5	19.5	19.6	0	20.5
	64QAM	1	0	22.9	22.8	22.9	2	23.7	19.6	19.6	19.6	0	20.5
		1	25	23.0	22.9	22.8	2	23.7	19.6	19.6	19.7	0	20.5
		1	49	22.8	22.7	22.8	2	23.7	19.5	19.5	19.6	0	20.5
		25	0	21.7	21.6	21.6	3	22.7	19.4	19.3	19.5	0	20.5
		25	12	21.8	21.7	21.7	3	22.7	19.5	19.4	19.6	0	20.5
		25	25	21.8	21.7	21.7	3	22.7	19.5	19.4	19.5	0	20.5
		50	0	21.8	21.7	21.7	3	22.7	19.5	19.4	19.5	0	20.5
	256QAM	1	0	19.8	19.8	19.7	5	20.7	19.6	19.5	19.5	0	20.5
		1	25	19.9	19.8	19.8	5	20.7	19.6	19.6	19.7	0	20.5
		1	49	19.9	19.7	19.8	5	20.7	19.5	19.5	19.6	0	20.5
		25	0	19.7	19.6	19.6	5	20.7	19.4	19.4	19.5	0	20.5
		25	12	19.8	19.7	19.7	5	20.7	19.5	19.5	19.6	0	20.5
		25	25	19.8	19.6	19.7	5	20.7	19.5	19.4	19.6	0	20.5
		50	0	19.8	19.6	19.7	5	20.7	19.5	19.4	19.6	0	20.5
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131997	132322	132647	MPR	Tune-up Limit	131997	132322	132647	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	23.9	23.9	24.1	0	25.7	19.5	19.4	19.6	0	20.5
		1	12	23.9	23.9	24.1	0	25.7	19.6	19.5	19.7	0	20.5
		1	24	23.9	23.9	24.1	0	25.7	19.5	19.4	19.6	0	20.5
		12	0	23.7	23.6	23.8	1	24.7	19.5	19.4	19.5	0	20.5
		12	7	23.8	23.7	23.8	1	24.7	19.5	19.5	19.6	0	20.5
		12	13	23.7	23.7	23.8	1	24.7	19.5	19.4	19.6	0	20.5
		25	0	23.7	23.7	23.7	1	24.7	19.5	19.4	19.5	0	20.5
	16QAM	1	0	23.8	23.8	23.9	1	24.7	19.6	19.6	19.7	0	20.5
		1	12	23.8	23.9	23.9	1	24.7	19.7	19.7	19.7	0	20.5
		1	24	23.8	23.9	23.9	1	24.7	19.6	19.7	19.7	0	20.5
		12	0	22.7	22.6	22.8	2	23.7	19.6	19.4	19.6	0	20.5
		12	7	22.8	22.7	22.8	2	23.7	19.6	19.6	19.6	0	20.5
		12	13	22.7	22.7	22.8	2	23.7	19.5	19.5	19.7	0	20.5
		25	0	22.7	22.7	22.7	2	23.7	19.5	19.5	19.5	0	20.5
	64QAM	1	0	23.0	22.6	23.0	2	23.7	19.8	19.5	19.8	0	20.5
		1	12	23.0	22.7	23.0	2	23.7	19.9	19.6	19.8	0	20.5
		1	24	23.0	22.7	23.0	2	23.7	19.8	19.5	19.7	0	20.5
		12	0	21.8	21.6	21.8	3	22.7	19.5	19.4	19.5	0	20.5
		12	7	21.8	21.7	21.8	3	22.7	19.6	19.5	19.6	0	20.5
		12	13	21.8	21.6	21.7	3	22.7	19.5	19.4	19.6	0	20.5
		25	0	21.7	21.7	21.7	3	22.7	19.5	19.4	19.5	0	20.5
	256QAM	1	0	19.8	19.7	19.8	5	20.7	19.5	19.5	19.6	0	20.5
		1	12	19.9	19.9	20.0	5	20.7	19.7	19.6	19.7	0	20.5
		1	24	19.8	19.7	19.8	5	20.7	19.6	19.5	19.6	0	20.5
		12	0	19.7	19.6	19.7	5	20.7	19.5	19.4	19.5	0	20.5
		12	7	19.8	19.7	19.8	5	20.7	19.6	19.5	19.6	0	20.5
		12	13	19.8	19.6	19.8	5	20.7	19.5	19.4	19.6	0	20.5
		25	0	19.7	19.6	19.8	5	20.7	19.5	19.5	19.5	0	20.5

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Tune-up Limit	131987	132322	132657	MPR	Tune-up Limit
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	23.8	23.8	23.9	0	25.7	19.4	19.4	19.5	0	20.5
		1	8	24.0	23.9	24.1	0	25.7	19.6	19.6	19.6	0	20.5
		1	14	23.8	23.8	23.9	0	25.7	19.4	19.4	19.5	0	20.5
		8	0	23.7	23.7	23.8	1	24.7	19.5	19.4	19.5	0	20.5
		8	4	23.7	23.7	23.8	1	24.7	19.5	19.5	19.6	0	20.5
		8	7	23.7	23.7	23.9	1	24.7	19.5	19.5	19.6	0	20.5
		15	0	23.7	23.7	23.8	1	24.7	19.5	19.4	19.6	0	20.5
	16QAM	1	0	23.8	23.8	23.9	1	24.7	19.6	19.6	19.7	0	20.5
		1	8	23.9	23.9	24.1	1	24.7	19.7	19.7	19.8	0	20.5
		1	14	23.8	23.7	24.0	1	24.7	19.6	19.5	19.6	0	20.5
		8	0	22.8	22.7	22.8	2	23.7	19.5	19.5	19.6	0	20.5
		8	4	22.8	22.8	22.9	2	23.7	19.6	19.5	19.7	0	20.5
		8	7	22.8	22.8	22.9	2	23.7	19.6	19.5	19.7	0	20.5
		15	0	22.7	22.7	22.9	2	23.7	19.5	19.5	19.6	0	20.5
	64QAM	1	0	22.8	22.7	22.9	2	23.7	19.5	19.6	19.6	0	20.5
		1	8	23.1	22.9	23.1	2	23.7	19.7	19.7	19.8	0	20.5
		1	14	22.9	22.8	22.9	2	23.7	19.6	19.5	19.6	0	20.5
		8	0	21.8	21.7	21.8	3	22.7	19.6	19.5	19.6	0	20.5
		8	4	21.9	21.8	21.8	3	22.7	19.6	19.5	19.7	0	20.5
		8	7	21.9	21.7	21.8	3	22.7	19.6	19.5	19.7	0	20.5
		15	0	21.8	21.7	21.8	3	22.7	19.5	19.4	19.6	0	20.5
	256QAM	1	0	19.9	19.8	19.7	5	20.7	19.6	19.5	19.6	0	20.5
		1	8	20.1	20.1	20.0	5	20.7	19.7	19.6	19.8	0	20.5
		1	14	19.9	19.9	19.9	5	20.7	19.5	19.5	19.6	0	20.5
		8	0	19.9	19.9	19.8	5	20.7	19.5	19.5	19.5	0	20.5
		8	4	19.9	19.9	19.8	5	20.7	19.5	19.5	19.7	0	20.5
		8	7	19.9	19.9	19.9	5	20.7	19.5	19.5	19.7	0	20.5
		15	0	19.9	19.8	19.8	5	20.7	19.5	19.5	19.6	0	20.5
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Tune-up Limit	131979	132322	132665	MPR	Tune-up Limit
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	23.8	23.7	23.9	0	25.7	19.4	19.4	19.5	0	20.5
		1	3	23.8	23.7	24.0	0	25.7	19.3	19.4	19.5	0	20.5
		1	5	23.8	23.7	23.9	0	25.7	19.3	19.3	19.5	0	20.5
		3	0	23.8	23.7	23.9	0	25.7	19.4	19.3	19.5	0	20.5
		3	1	23.7	23.7	23.9	0	25.7	19.4	19.3	19.5	0	20.5
		3	3	23.7	23.7	23.8	0	25.7	19.4	19.3	19.5	0	20.5
		6	0	23.6	23.6	23.7	1	24.7	19.4	19.4	19.5	0	20.5
	16QAM	1	0	23.8	23.8	23.9	1	24.7	19.6	19.5	19.7	0	20.5
		1	3	23.8	23.7	24.0	1	24.7	19.6	19.5	19.6	0	20.5
		1	5	23.8	23.7	23.9	1	24.7	19.5	19.5	19.6	0	20.5
		3	0	23.8	23.7	23.8	1	24.7	19.5	19.4	19.6	0	20.5
		3	1	23.8	23.8	23.8	1	24.7	19.5	19.4	19.7	0	20.5
		3	3	23.8	23.7	23.8	1	24.7	19.5	19.4	19.6	0	20.5
		6	0	22.7	22.7	22.8	2	23.7	19.5	19.4	19.6	0	20.5
	64QAM	1	0	22.9	22.9	23.7	2	23.7	19.8	19.6	19.7	0	20.5
		1	3	22.9	22.8	23.0	2	23.7	20.0	19.7	19.7	0	20.5
		1	5	22.9	22.8	23.0	2	23.7	19.8	19.6	19.7	0	20.5
		3	0	22.8	22.7	22.9	2	23.7	19.7	19.5	19.7	0	20.5
		3	1	22.8	22.8	22.9	2	23.7	19.7	19.5	19.7	0	20.5
		3	3	22.8	22.7	22.9	2	23.7	19.6	19.5	19.7	0	20.5
		6	0	22.7	22.7	22.7	3	22.7	19.6	19.4	19.6	0	20.5
	256QAM	1	0	20.0	20.0	19.9	5	20.7	19.7	19.5	19.7	0	20.5
		1	3	20.0	20.0	20.0	5	20.7	19.8	19.6	19.7	0	20.5
		1	5	19.9	20.0	19.9	5	20.7	19.7	19.5	19.7	0	20.5
		3	0	20.0	19.9	19.9	5	20.7	19.6	19.5	19.6	0	20.5
		3	1	19.9	19.9	19.9	5	20.7	19.6	19.5	19.8	0	20.5
		3	3	19.9	19.9	19.9	5	20.7	19.6	19.5	19.7	0	20.5
		6	0	19.8	19.7	19.8	5	20.7	19.5	19.4	19.5	0	20.5

LTE Band 66 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	17.3	17.3	17.4	0	18.8	16.9	16.9	17.0	0	18.7
		1	49	17.3	17.3	17.3	0	18.8	17.0	16.9	17.1	0	18.7
		1	99	17.2	17.2	17.4	0	18.8	16.9	16.9	16.9	0	18.7
		50	0	17.3	17.3	17.4	0	18.8	17.1	17.0	17.0	0	18.7
		50	24	17.4	17.3	17.4	0	18.8	17.1	17.0	17.0	0	18.7
		50	50	17.3	17.3	17.4	0	18.8	17.0	17.0	17.1	0	18.7
		100	0	17.3	17.3	17.3	0	18.8	17.0	17.0	17.0	0	18.7
	16QAM	1	0	17.2	17.1	17.1	0	18.8	17.0	16.9	16.9	0	18.7
		1	49	17.3	17.1	17.2	0	18.8	17.0	16.8	16.9	0	18.7
		1	99	17.2	17.1	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		50	0	17.1	17.0	17.0	0	18.8	16.9	16.7	16.8	0	18.7
		50	24	17.1	17.0	17.0	0	18.8	16.9	16.8	16.8	0	18.7
		50	50	17.1	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
		100	0	17.1	17.0	17.0	0	18.8	16.8	16.7	16.8	0	18.7
	64QAM	1	0	17.5	17.3	17.4	0	18.8	17.0	16.9	17.0	0	18.7
		1	49	17.3	17.4	17.3	0	18.8	17.0	16.9	17.0	0	18.7
		1	99	17.3	17.3	17.3	0	18.8	16.9	16.9	17.0	0	18.7
		50	0	17.2	17.0	17.1	0	18.8	16.8	16.8	16.8	0	18.7
		50	24	17.2	17.1	17.1	0	18.8	16.8	16.8	16.8	0	18.7
		50	50	17.1	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
		100	0	17.2	17.1	17.1	0	18.8	16.8	16.8	16.8	0	18.7
	256QAM	1	0	17.2	17.0	17.2	0	18.8	16.9	16.8	16.9	0	18.7
		1	49	17.3	17.2	17.3	0	18.8	16.9	16.9	17.0	0	18.7
		1	99	17.2	17.1	17.3	0	18.8	16.9	16.8	17.0	0	18.7
		50	0	17.2	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
		50	24	17.2	17.1	17.1	0	18.8	16.8	16.8	16.8	0	18.7
		50	50	17.1	17.0	17.1	0	18.8	16.8	16.8	16.9	0	18.7
		100	0	17.2	17.1	17.0	0	18.8	16.8	16.8	16.8	0	18.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	17.1	17.0	17.0	0	18.8	16.9	16.8	16.8	0	18.7
		1	37	17.1	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
		1	74	17.0	16.9	17.0	0	18.8	16.8	16.7	16.8	0	18.7
		36	0	17.0	16.9	17.0	0	18.8	16.8	16.7	16.8	0	18.7
		36	20	17.1	17.0	17.0	0	18.8	16.8	16.7	16.8	0	18.7
		36	39	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		75	0	17.0	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
	16QAM	1	0	17.3	17.2	17.2	0	18.8	17.1	16.9	17.0	0	18.7
		1	37	17.2	17.1	17.2	0	18.8	17.0	16.9	17.0	0	18.7
		1	74	17.2	17.1	17.2	0	18.8	17.0	16.7	17.0	0	18.7
		36	0	17.1	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
		36	20	17.1	17.0	17.1	0	18.8	16.9	16.8	16.8	0	18.7
		36	39	17.1	17.0	17.1	0	18.8	16.8	16.8	16.9	0	18.7
		75	0	17.1	17.0	17.1	0	18.8	16.8	16.8	16.9	0	18.7
	64QAM	1	0	17.3	17.3	17.2	0	18.8	17.1	17.0	17.0	0	18.7
		1	37	17.3	17.2	17.3	0	18.8	17.0	17.0	17.1	0	18.7
		1	74	17.2	17.1	17.3	0	18.8	17.0	16.8	17.0	0	18.7
		36	0	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		36	20	17.2	17.1	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		36	39	17.1	17.0	17.2	0	18.8	16.9	16.8	16.9	0	18.7
		75	0	17.1	17.1	17.2	0	18.8	16.9	16.8	16.9	0	18.7
	256QAM	1	0	17.2	17.1	17.2	0	18.8	17.0	16.9	17.0	0	18.7
		1	37	17.3	17.1	17.3	0	18.8	17.0	16.9	17.1	0	18.7
		1	74	17.2	17.1	17.2	0	18.8	17.0	16.9	16.9	0	18.7
		36	0	17.1	17.0	17.1	0	18.8	16.8	16.8	16.9	0	18.7
		36	20	17.1	17.1	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		36	39	17.1	17.0	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		75	0	17.1	17.1	17.2	0	18.8	16.9	16.8	16.9	0	18.7

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132022	132322	132622	MPR	Tune-up Limit	132022	132322	132622	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	17.1	16.9	17.0	0	18.8	16.8	16.7	16.8	0	18.7
		1	25	17.0	17.0	17.1	0	18.8	16.7	16.8	16.9	0	18.7
		1	49	16.9	16.9	17.0	0	18.8	16.7	16.7	16.7	0	18.7
		25	0	17.1	16.9	17.0	0	18.8	16.8	16.7	16.8	0	18.7
		25	12	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		25	25	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		50	0	17.1	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
	16QAM	1	0	17.1	17.1	17.3	0	18.8	16.9	16.8	16.9	0	18.7
		1	25	17.2	17.1	17.3	0	18.8	16.9	16.8	17.0	0	18.7
		1	49	17.1	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		25	0	17.1	17.0	17.1	0	18.8	16.9	16.7	16.8	0	18.7
		25	12	17.1	17.0	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		25	25	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		50	0	17.1	17.0	17.1	0	18.8	16.8	16.8	16.9	0	18.7
	64QAM	1	0	17.2	17.2	17.3	0	18.8	17.0	16.9	17.1	0	18.7
		1	25	17.3	17.3	17.3	0	18.8	17.0	16.9	17.1	0	18.7
		1	49	17.2	17.2	17.3	0	18.8	16.9	16.8	17.0	0	18.7
		25	0	17.1	17.0	17.1	0	18.8	16.9	16.7	16.9	0	18.7
		25	12	17.2	17.1	17.2	0	18.8	16.9	16.8	16.9	0	18.7
		25	25	17.1	17.0	17.2	0	18.8	16.9	16.8	16.9	0	18.7
		50	0	17.1	17.0	17.2	0	18.8	16.8	16.8	16.9	0	18.7
	256QAM	1	0	17.2	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		1	25	17.2	17.2	17.3	0	18.8	17.0	17.0	17.1	0	18.7
		1	49	17.0	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		25	0	17.2	17.0	17.1	0	18.8	16.8	16.7	16.8	0	18.7
		25	12	17.1	17.0	17.2	0	18.8	16.9	16.8	16.9	0	18.7
		25	25	17.1	17.0	17.2	0	18.8	16.9	16.8	16.9	0	18.7
		50	0	17.1	17.0	17.2	0	18.8	16.9	16.8	16.9	0	18.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131997	132322	132647	MPR	Tune-up Limit	131997	132322	132647	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		1	12	17.1	17.0	17.2	0	18.8	16.8	16.8	16.9	0	18.7
		1	24	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		12	0	17.1	16.9	17.1	0	18.8	16.8	16.7	16.8	0	18.7
		12	7	17.1	17.0	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		12	13	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		25	0	17.0	17.0	17.0	0	18.8	16.8	16.7	16.8	0	18.7
	16QAM	1	0	17.2	17.1	17.3	0	18.8	16.9	16.9	17.0	0	18.7
		1	12	17.3	17.1	17.4	0	18.8	17.0	17.0	17.0	0	18.7
		1	24	17.2	17.1	17.3	0	18.8	16.9	16.9	17.0	0	18.7
		12	0	17.1	17.0	17.0	0	18.8	16.8	16.7	16.8	0	18.7
		12	7	17.2	17.1	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		12	13	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
		25	0	17.1	17.0	17.0	0	18.8	16.8	16.8	16.8	0	18.7
	64QAM	1	0	17.4	17.1	17.4	0	18.8	17.1	16.9	17.1	0	18.7
		1	12	17.4	17.1	17.4	0	18.8	17.2	17.0	17.1	0	18.7
		1	24	17.4	17.0	17.3	0	18.8	17.1	16.9	17.0	0	18.7
		12	0	17.2	17.0	17.1	0	18.8	16.9	16.7	16.9	0	18.7
		12	7	17.2	17.1	17.2	0	18.8	17.0	16.8	16.9	0	18.7
		12	13	17.2	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		25	0	17.1	17.0	17.1	0	18.8	16.9	16.8	16.9	0	18.7
	256QAM	1	0	17.3	17.1	17.2	0	18.8	17.0	16.8	17.0	0	18.7
		1	12	17.3	17.3	17.4	0	18.8	17.0	16.9	17.1	0	18.7
		1	24	17.2	17.2	17.2	0	18.8	17.0	16.8	17.0	0	18.7
		12	0	17.1	17.0	17.1	0	18.8	16.9	16.7	16.9	0	18.7
		12	7	17.2	17.1	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		12	13	17.2	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		25	0	17.1	17.0	17.1	0	18.8	16.9	16.8	16.8	0	18.7

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Tune-up Limit	131987	132322	132657	MPR	Tune-up Limit
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	17.0	16.9	17.1	0	18.8	16.7	16.7	16.9	0	18.7
		1	8	17.2	17.0	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		1	14	17.0	16.9	17.0	0	18.8	16.7	16.7	16.8	0	18.7
		8	0	17.1	17.1	17.1	0	18.8	16.9	16.7	16.8	0	18.7
		8	4	17.1	17.0	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		8	7	17.1	17.0	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		15	0	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
	16QAM	1	0	17.2	17.0	17.3	0	18.8	16.9	16.9	17.0	0	18.7
		1	8	17.4	17.2	17.4	0	18.8	17.0	17.0	17.1	0	18.7
		1	14	17.1	17.0	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		8	0	17.2	17.0	17.1	0	18.8	16.9	16.8	16.9	0	18.7
		8	4	17.2	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		8	7	17.2	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
		15	0	17.1	17.0	17.2	0	18.8	16.9	16.8	16.9	0	18.7
	64QAM	1	0	17.3	17.1	17.3	0	18.8	17.0	16.9	17.0	0	18.7
		1	8	17.4	17.2	17.4	0	18.8	17.2	17.1	17.2	0	18.7
		1	14	17.2	17.1	17.3	0	18.8	17.1	16.9	17.0	0	18.7
		8	0	17.2	17.1	17.1	0	18.8	17.0	16.8	16.9	0	18.7
		8	4	17.2	17.1	17.2	0	18.8	17.0	16.9	17.0	0	18.7
		8	7	17.2	17.1	17.2	0	18.8	17.0	16.9	17.0	0	18.7
		15	0	17.1	17.1	17.2	0	18.8	17.0	16.8	17.0	0	18.7
	256QAM	1	0	17.1	17.1	17.2	0	18.8	17.0	16.9	16.9	0	18.7
		1	8	17.4	17.2	17.4	0	18.8	17.1	17.0	17.1	0	18.7
		1	14	17.1	17.0	17.1	0	18.8	17.0	16.9	17.0	0	18.7
		8	0	17.2	17.1	17.1	0	18.8	17.0	16.9	16.9	0	18.7
		8	4	17.2	17.1	17.2	0	18.8	17.0	16.9	17.0	0	18.7
		8	7	17.2	17.1	17.2	0	18.8	17.0	16.8	17.0	0	18.7
		15	0	17.1	17.1	17.2	0	18.8	16.9	16.8	17.0	0	18.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Tune-up Limit	131979	132322	132665	MPR	Tune-up Limit
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	17.2	16.9	17.1	0	18.8	16.7	16.7	16.8	0	18.7
		1	3	17.1	16.9	17.0	0	18.8	16.7	16.7	16.7	0	18.7
		1	5	17.1	16.9	17.0	0	18.8	16.7	16.7	16.7	0	18.7
		3	0	17.0	16.9	17.0	0	18.8	16.7	16.7	16.7	0	18.7
		3	1	17.0	16.9	17.0	0	18.8	16.7	16.7	16.7	0	18.7
		3	3	17.0	16.9	17.0	0	18.8	16.7	16.7	16.7	0	18.7
		6	0	17.1	16.9	17.1	0	18.8	16.7	16.7	16.8	0	18.7
	16QAM	1	0	17.1	17.1	17.2	0	18.8	16.9	16.9	16.9	0	18.7
		1	3	17.2	17.1	17.3	0	18.8	16.9	16.8	17.0	0	18.7
		1	5	17.2	17.1	17.2	0	18.8	16.9	16.9	16.9	0	18.7
		3	0	17.1	17.1	17.2	0	18.8	16.8	16.8	16.9	0	18.7
		3	1	17.1	17.1	17.1	0	18.8	16.8	16.8	16.9	0	18.7
		3	3	17.1	17.1	17.2	0	18.8	16.8	16.7	16.9	0	18.7
		6	0	17.1	17.0	17.1	0	18.8	16.8	16.7	16.9	0	18.7
	64QAM	1	0	17.3	17.1	17.3	0	18.8	17.3	17.1	17.2	0	18.7
		1	3	17.3	17.1	17.4	0	18.8	17.4	17.1	17.2	0	18.7
		1	5	17.2	17.0	17.3	0	18.8	17.2	17.0	17.1	0	18.7
		3	0	17.2	17.1	17.2	0	18.8	17.1	16.9	17.0	0	18.7
		3	1	17.2	17.1	17.2	0	18.8	17.1	16.9	17.0	0	18.7
		3	3	17.1	17.1	17.2	0	18.8	17.1	16.9	17.0	0	18.7
		6	0	17.1	17.0	17.1	0	18.8	17.1	16.8	17.0	0	18.7
	256QAM	1	0	17.2	17.2	17.1	0	18.8	17.2	17.1	17.2	0	18.7
		1	3	17.2	17.2	17.3	0	18.8	17.3	17.0	17.1	0	18.7
		1	5	17.1	17.2	17.3	0	18.8	17.1	16.9	17.2	0	18.7
		3	0	17.1	17.1	17.2	0	18.8	17.1	16.9	17.0	0	18.7
		3	1	17.2	17.1	17.2	0	18.8	17.1	16.9	17.0	0	18.7
		3	3	17.1	17.1	17.2	0	18.8	17.1	17.0	17.1	0	18.7
		6	0	17.1	17.0	17.1	0	18.8	16.9	16.8	17.0	0	18.7

LTE Band 66 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	23.8	23.7	23.9	0	25.7	21.2	21.2	21.2	0	22.8
		1	49	23.8	23.9	23.9	0	25.7	21.2	21.2	21.2	0	22.8
		1	99	23.8	23.8	23.8	0	25.7	21.1	21.1	21.1	0	22.8
		50	0	23.6	23.6	23.7	1	24.7	21.2	21.2	21.2	0	22.8
		50	24	23.6	23.6	23.6	1	24.7	21.2	21.2	21.2	0	22.8
		50	50	23.6	23.7	23.7	1	24.7	21.2	21.2	21.2	0	22.8
		100	0	23.6	23.6	23.6	0.8	24.9	21.2	21.1	21.1	0	22.8
	16QAM	1	0	23.7	23.9	24.0	0.8	24.9	21.1	21.3	21.3	0	22.8
		1	49	23.7	24.0	24.0	1	24.7	21.1	21.3	21.4	0	22.8
		1	99	23.6	23.9	24.0	1	24.7	21.0	21.2	21.3	0	22.8
		50	0	22.6	22.7	22.8	2	23.7	21.0	21.1	21.2	0	22.8
		50	24	22.7	22.8	22.9	2	23.7	21.1	21.2	21.3	0	22.8
		50	50	22.6	22.7	22.8	2	23.7	21.0	21.1	21.2	0	22.8
		100	0	22.6	22.8	22.9	2	23.7	21.0	21.1	21.2	0	22.8
	64QAM	1	0	22.8	22.7	22.9	2	23.7	21.4	21.2	21.2	0	22.8
		1	49	23.0	22.8	22.9	2	23.7	21.6	21.3	21.2	0	22.8
		1	99	22.8	22.7	23.0	2	23.7	21.5	21.2	21.2	0	22.8
		50	0	21.6	21.6	21.7	3	22.7	21.2	21.1	21.0	0.1	22.7
		50	24	21.7	21.7	21.8	3	22.7	21.3	21.2	21.1	0.1	22.7
		50	50	21.6	21.7	21.8	3	22.7	21.3	21.1	21.1	0.1	22.7
		100	0	21.7	21.7	21.8	3	22.7	21.3	21.2	21.1	0.1	22.7
	256QAM	1	0	19.6	19.7	19.8	5	20.7	19.8	19.7	19.6	2.1	20.7
		1	49	19.8	19.8	19.9	5	20.7	19.9	19.8	19.7	2.1	20.7
		1	99	19.6	19.7	19.8	5	20.7	19.8	19.7	19.6	2.1	20.7
		50	0	19.5	19.6	19.7	5	20.7	19.7	19.6	19.5	2.1	20.7
		50	24	19.6	19.7	19.8	5	20.7	19.8	19.7	19.6	2.1	20.7
		50	50	19.6	19.6	19.8	5	20.7	19.7	19.6	19.5	2.1	20.7
		100	0	19.6	19.6	19.7	5	20.7	19.8	19.7	19.6	2.1	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	23.8	23.9	24.0	0	25.7	21.0	21.1	21.2	0	22.8
		1	37	23.7	23.9	24.0	0	25.7	21.1	21.1	21.2	0	22.8
		1	74	23.7	23.8	24.1	0	25.7	21.0	21.0	21.2	0	22.8
		36	0	23.5	23.7	23.8	1	24.7	21.0	21.0	21.2	0	22.8
		36	20	23.6	23.7	23.8	1	24.7	21.1	21.1	21.2	0	22.8
		36	39	23.5	23.7	23.9	1	24.7	21.0	21.1	21.2	0	22.8
		75	0	23.5	23.7	23.7	1	24.7	21.0	21.1	21.1	0	22.8
	16QAM	1	0	23.8	23.9	24.0	1	24.7	21.2	21.2	21.3	0	22.8
		1	37	23.8	23.9	24.0	1	24.7	21.1	21.2	21.4	0	22.8
		1	74	23.7	23.8	24.0	1	24.7	21.1	21.1	21.4	0	22.8
		36	0	22.6	22.7	22.8	2	23.7	21.0	21.0	21.2	0	22.8
		36	20	22.7	22.8	22.8	2	23.7	21.1	21.1	21.2	0	22.8
		36	39	22.6	22.7	22.9	2	23.7	21.0	21.1	21.3	0	22.8
		75	0	22.6	22.7	22.8	2	23.7	21.0	21.1	21.2	0	22.8
	64QAM	1	0	22.8	22.9	23.0	2	23.7	21.4	21.3	21.2	0	22.8
		1	37	22.8	22.9	23.1	2	23.7	21.5	21.3	21.2	0	22.8
		1	74	22.7	22.8	23.0	2	23.7	21.5	21.3	21.2	0	22.8
		36	0	21.6	21.7	21.8	3	22.7	21.3	21.1	21.0	0.1	22.7
		36	20	21.7	21.8	21.8	3	22.7	21.3	21.2	21.1	0.1	22.7
		36	39	21.7	21.8	21.9	3	22.7	21.3	21.2	21.1	0.1	22.7
		75	0	21.7	21.7	21.8	3	22.7	21.2	21.2	21.1	0.1	22.7
	256QAM	1	0	19.7	19.7	19.9	5	20.7	19.9	19.7	19.6	2.1	20.7
		1	37	19.8	19.8	20.0	5	20.7	20.0	19.8	19.7	2.1	20.7
		1	74	19.7	19.8	20.0	5	20.7	19.9	19.7	19.6	2.1	20.7
		36	0	19.6	19.6	19.8	5	20.7	19.7	19.6	19.5	2.1	20.7
		36	20	19.6	19.7	19.8	5	20.7	19.7	19.7	19.6	2.1	20.7
		36	39	19.6	19.7	19.9	5	20.7	19.8	19.7	19.6	2.1	20.7
		75	0	19.6	19.7	19.8	5	20.7	19.7	19.7	19.6	2.1	20.7

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132022	132322	132622	MPR	Tune-up Limit	132022	132322	132622	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	23.7	23.8	23.9	0	25.7	21.0	21.0	21.2	0	22.8
		1	25	23.7	23.8	24.0	0	25.7	21.0	21.1	21.3	0	22.8
		1	49	23.7	23.8	23.9	0	25.7	20.9	21.0	21.2	0	22.8
		25	0	23.5	23.6	23.7	1	24.7	20.9	21.0	21.2	0	22.8
		25	12	23.6	23.6	23.7	1	24.7	21.0	21.1	21.2	0	22.8
		25	25	23.5	23.6	23.8	1	24.7	21.0	21.1	21.3	0	22.8
		50	0	23.5	23.6	23.8	1	24.7	21.0	21.1	21.3	0	22.8
	16QAM	1	0	23.7	23.8	23.9	1	24.7	21.1	21.2	21.4	0	22.8
		1	25	23.7	23.7	23.9	1	24.7	21.2	21.3	21.4	0	22.8
		1	49	23.6	23.7	23.8	1	24.7	21.0	21.2	21.4	0	22.8
		25	0	22.5	22.6	22.7	2	23.7	21.0	21.0	21.2	0	22.8
		25	12	22.6	22.7	22.8	2	23.7	21.1	21.2	21.2	0	22.8
		25	25	22.5	22.7	22.8	2	23.7	21.0	21.1	21.3	0	22.8
		50	0	22.5	22.6	22.8	2	23.7	21.0	21.1	21.3	0	22.8
	64QAM	1	0	22.7	22.9	23.0	2	23.7	21.4	21.2	21.2	0	22.8
		1	25	22.8	22.9	23.0	2	23.7	21.4	21.4	21.2	0	22.8
		1	49	22.8	22.8	23.0	2	23.7	21.4	21.2	21.1	0	22.8
		25	0	21.6	21.7	21.8	3	22.7	21.3	21.1	21.0	0.1	22.7
		25	12	21.7	21.7	21.8	3	22.7	21.3	21.2	21.1	0.1	22.7
		25	25	21.6	21.7	21.9	3	22.7	21.3	21.1	21.1	0.1	22.7
		50	0	21.7	21.7	21.9	3	22.7	21.3	21.1	21.1	0.1	22.7
	256QAM	1	0	19.6	19.7	19.9	5	20.7	19.9	19.7	19.6	2.1	20.7
		1	25	19.8	19.9	20.0	5	20.7	19.9	19.8	19.7	2.1	20.7
		1	49	19.7	19.7	20.0	5	20.7	19.9	19.7	19.6	2.1	20.7
		25	0	19.5	19.6	19.8	5	20.7	19.7	19.5	19.5	2.1	20.7
		25	12	19.7	19.7	19.8	5	20.7	19.8	19.6	19.6	2.1	20.7
		25	25	19.6	19.7	19.9	5	20.7	19.8	19.6	19.5	2.1	20.7
		50	0	19.6	19.7	19.9	5	20.7	19.8	19.7	19.6	2.1	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131997	132322	132647	MPR	Tune-up Limit	131997	132322	132647	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	23.7	23.8	24.0	0	25.7	21.0	21.1	21.3	0	22.8
		1	12	23.8	23.9	24.1	0	25.7	21.0	21.2	21.3	0	22.8
		1	24	23.7	23.8	24.0	0	25.7	21.0	21.1	21.3	0	22.8
		12	0	23.5	23.5	23.8	1	24.7	21.0	21.1	21.2	0	22.8
		12	7	23.6	23.7	23.9	1	24.7	21.1	21.2	21.3	0	22.8
		12	13	23.5	23.6	23.8	1	24.7	21.0	21.1	21.3	0	22.8
		25	0	23.5	23.6	23.8	1	24.7	21.0	21.1	21.3	0	22.8
	16QAM	1	0	23.7	23.8	23.9	1	24.7	21.1	21.3	21.4	0	22.8
		1	12	23.7	23.9	24.0	1	24.7	21.1	21.3	21.5	0	22.8
		1	24	23.7	23.8	24.0	1	24.7	21.1	21.4	21.4	0	22.8
		12	0	22.5	22.6	22.8	2	23.7	21.1	21.1	21.3	0	22.8
		12	7	22.6	22.7	22.9	2	23.7	21.1	21.2	21.4	0	22.8
		12	13	22.5	22.7	22.9	2	23.7	21.1	21.1	21.4	0	22.8
		25	0	22.5	22.6	22.8	2	23.7	21.0	21.1	21.3	0	22.8
	64QAM	1	0	23.0	22.8	23.0	2	23.7	21.7	21.1	21.2	0	22.8
		1	12	23.0	22.9	23.1	2	23.7	21.7	21.3	21.3	0	22.8
		1	24	23.0	22.8	23.1	2	23.7	21.7	21.2	21.2	0	22.8
		12	0	21.6	21.7	21.9	3	22.7	21.4	21.1	21.1	0.1	22.7
		12	7	21.6	21.8	22.0	3	22.7	21.5	21.2	21.1	0.1	22.7
		12	13	21.6	21.7	21.9	3	22.7	21.4	21.1	21.1	0.1	22.7
		25	0	21.6	21.7	21.9	3	22.7	21.3	21.2	21.1	0.1	22.7
	256QAM	1	0	19.6	19.8	19.9	5	20.7	19.9	19.7	19.6	2.1	20.7
		1	12	19.8	20.0	20.0	5	20.7	20.0	19.8	19.8	2.1	20.7
		1	24	19.7	19.9	19.9	5	20.7	19.9	19.8	19.6	2.1	20.7
		12	0	19.6	19.6	19.8	5	20.7	19.8	19.6	19.6	2.1	20.7
		12	7	19.6	19.7	20.0	5	20.7	19.9	19.7	19.6	2.1	20.7
		12	13	19.6	19.7	19.9	5	20.7	19.8	19.6	19.6	2.1	20.7
		25	0	19.6	19.7	19.9	5	20.7	19.8	19.6	19.5	2.1	20.7

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Tune-up Limit	131987	132322	132657	MPR	Tune-up Limit
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	23.7	23.7	23.9	0	25.7	21.2	21.0	20.9	0	22.8
		1	8	23.9	23.9	24.1	0	25.7	21.4	21.2	21.1	0	22.8
		1	14	23.7	23.8	23.9	0	25.7	21.2	21.0	20.9	0	22.8
		8	0	23.6	23.6	23.8	1	24.7	21.2	21.0	21.0	0	22.8
		8	4	23.6	23.7	23.9	1	24.7	21.3	21.1	21.0	0	22.8
		8	7	23.6	23.7	23.9	1	24.7	21.3	21.1	21.1	0	22.8
		15	0	23.6	23.6	23.8	1	24.7	21.3	21.1	21.0	0	22.8
	16QAM	1	0	23.6	23.7	23.8	1	24.7	21.4	21.1	21.0	0	22.8
		1	8	23.9	23.9	24.0	1	24.7	21.6	21.3	21.2	0	22.8
		1	14	23.6	23.7	23.9	1	24.7	21.4	21.1	21.1	0	22.8
		8	0	22.6	22.6	22.8	2	23.7	21.2	21.0	21.0	0	22.8
		8	4	22.6	22.7	22.9	2	23.7	21.3	21.2	21.1	0	22.8
		8	7	22.6	22.7	22.8	2	23.7	21.4	21.2	21.1	0	22.8
		15	0	22.6	22.6	22.8	2	23.7	21.3	21.1	21.0	0	22.8
	64QAM	1	0	22.7	22.8	22.9	2	23.7	21.4	21.2	21.1	0	22.8
		1	8	22.9	23.0	23.1	2	23.7	21.6	21.4	21.3	0	22.8
		1	14	22.8	22.8	23.0	2	23.7	21.5	21.3	21.1	0	22.8
		8	0	21.6	21.7	21.8	3	22.7	21.3	21.1	21.1	0.1	22.7
		8	4	21.7	21.7	22.0	3	22.7	21.4	21.2	21.1	0.1	22.7
		8	7	21.7	21.8	22.0	3	22.7	21.4	21.2	21.1	0.1	22.7
		15	0	21.7	21.7	21.9	3	22.7	21.3	21.2	21.1	0.1	22.7
	256QAM	1	0	19.5	19.6	19.9	5	20.7	19.9	19.6	19.6	2.1	20.7
		1	8	19.8	19.9	20.0	5	20.7	20.1	19.8	19.7	2.1	20.7
		1	14	19.6	19.7	19.9	5	20.7	19.9	19.7	19.6	2.1	20.7
		8	0	19.6	19.7	19.8	5	20.7	19.8	19.6	19.6	2.1	20.7
		8	4	19.6	19.7	19.9	5	20.7	19.9	19.7	19.6	2.1	20.7
		8	7	19.6	19.7	20.0	5	20.7	19.9	19.7	19.6	2.1	20.7
		15	0	19.6	19.7	19.9	5	20.7	19.9	19.6	19.6	2.1	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Tune-up Limit	131979	132322	132665	MPR	Tune-up Limit
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	23.7	23.7	24.0	0	25.7	21.2	20.9	20.9	0	22.8
		1	3	23.7	23.7	24.0	0	25.7	21.2	21.0	20.9	0	22.8
		1	5	23.7	23.7	24.0	0	25.7	21.1	20.9	20.9	0	22.8
		3	0	23.7	23.7	23.9	0	25.7	21.1	20.9	20.9	0	22.8
		3	1	23.7	23.7	24.0	0	25.7	21.2	21.0	20.9	0	22.8
		3	3	23.7	23.7	24.0	0	25.7	21.2	20.9	20.8	0	22.8
		6	0	23.5	23.6	23.8	1	24.7	21.2	21.0	20.9	0	22.8
	16QAM	1	0	23.7	23.7	24.0	1	24.7	21.5	21.1	21.1	0	22.8
		1	3	23.6	23.8	24.1	1	24.7	21.4	21.2	21.1	0	22.8
		1	5	23.6	23.7	24.0	1	24.7	21.4	21.1	21.1	0	22.8
		3	0	23.5	23.8	23.9	1	24.7	21.3	21.2	21.0	0	22.8
		3	1	23.6	23.7	23.9	1	24.7	21.3	21.0	21.1	0	22.8
		3	3	23.6	23.7	23.8	1	24.7	21.4	21.1	21.0	0	22.8
		6	0	22.5	22.7	22.8	2	23.7	21.3	21.1	20.9	0	22.8
	64QAM	1	0	22.9	22.8	23.0	2	23.7	21.7	21.3	21.2	0	22.8
		1	3	22.9	22.8	23.0	2	23.7	21.7	21.3	21.2	0	22.8
		1	5	22.8	22.8	23.0	2	23.7	21.6	21.2	21.2	0	22.8
		3	0	22.8	22.8	23.0	2	23.7	21.5	21.2	21.1	0	22.8
		3	1	22.8	22.8	23.0	2	23.7	21.5	21.2	21.1	0	22.8
		3	3	22.7	22.8	23.0	2	23.7	21.4	21.2	21.1	0	22.8
		6	0	21.7	21.7	21.8	3	22.7	21.3	21.1	21.1	0.1	22.7
	256QAM	1	0	19.8	19.9	20.0	5	20.7	20.0	19.7	19.6	2.1	20.7
		1	3	19.7	19.9	20.0	5	20.7	20.0	19.8	19.6	2.1	20.7
		1	5	19.7	19.8	19.9	5	20.7	19.9	19.6	19.6	2.1	20.7
		3	0	19.7	19.7	20.0	5	20.7	19.9	19.7	19.6	2.1	20.7
		3	1	19.7	19.8	19.9	5	20.7	20.0	19.7	19.6	2.1	20.7
		3	3	19.7	19.8	20.0	5	20.7	19.9	19.7	19.6	2.1	20.7
		6	0	19.5	19.6	19.8	5	20.7	19.8	19.6	19.5	2.1	20.7

LTE Band 66 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	17.7	17.5	17.7	0	18.9	19.9	20.1	19.9	0	21.6
		1	49	17.6	17.7	17.6	0	18.9	19.9	20.0	19.9	0	21.6
		1	99	17.5	17.6	17.5	0	18.9	19.8	19.8	19.8	0	21.6
		50	0	17.6	17.6	17.6	0	18.9	19.9	19.9	19.9	0	21.6
		50	24	17.7	17.6	17.6	0	18.9	20.0	19.9	19.9	0	21.6
		50	50	17.6	17.6	17.6	0	18.9	19.9	20.0	19.9	0	21.6
		100	0	17.6	17.6	17.5	0	18.9	20.0	20.0	19.9	0	21.6
	16QAM	1	0	17.6	17.8	17.6	0	18.9	19.9	19.9	20.2	0	21.6
		1	49	17.7	17.9	17.6	0	18.9	19.7	19.9	20.1	0	21.6
		1	99	17.5	17.8	17.5	0	18.9	19.8	19.7	20.2	0	21.6
		50	0	17.6	17.6	17.5	0	18.9	19.8	19.9	19.8	0	21.6
		50	24	17.6	17.6	17.5	0	18.9	19.9	19.8	19.7	0	21.6
		50	50	17.6	17.6	17.5	0	18.9	19.8	19.9	19.7	0	21.6
		100	0	17.6	17.5	17.4	0	18.9	19.9	19.8	19.7	0	21.6
	64QAM	1	0	17.9	17.9	18.0	0	18.9	19.9	20.1	20.1	0	21.6
		1	49	18.0	17.8	17.9	0	18.9	20.1	20.2	20.0	0	21.6
		1	99	17.7	17.8	17.8	0	18.9	20.0	20.1	20.0	0	21.6
		50	0	17.6	17.6	17.5	0	18.9	19.9	19.9	19.8	0	21.6
		50	24	17.7	17.6	17.5	0	18.9	19.9	19.9	19.8	0	21.6
		50	50	17.6	17.6	17.5	0	18.9	19.9	19.9	19.8	0	21.6
		100	0	17.7	17.5	17.5	0	18.9	19.9	19.9	19.8	0	21.6
	256QAM	1	0	17.6	17.6	17.6	0	18.9	19.9	19.9	19.7	0.9	20.7
		1	49	17.8	17.6	17.8	0	18.9	20.1	20.0	19.7	0.9	20.7
		1	99	17.6	17.6	17.6	0	18.9	19.8	19.7	19.6	0.9	20.7
		50	0	17.6	17.6	17.5	0	18.9	19.8	19.7	19.7	0.9	20.7
		50	24	17.7	17.6	17.5	0	18.9	19.8	19.8	19.7	0.9	20.7
		50	50	17.7	17.6	17.5	0	18.9	19.8	19.7	19.7	0.9	20.7
		100	0	17.6	17.5	17.4	0	18.9	19.8	19.7	19.6	0.9	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	17.5	17.6	17.5	0	18.9	19.9	19.9	19.8	0	21.6
		1	37	17.5	17.6	17.5	0	18.9	19.9	20.0	19.9	0	21.6
		1	74	17.5	17.4	17.5	0	18.9	19.8	20.0	19.7	0	21.6
		36	0	17.5	17.5	17.5	0	18.9	19.9	19.8	19.8	0	21.6
		36	20	17.6	17.5	17.5	0	18.9	19.9	19.8	19.7	0	21.6
		36	39	17.6	17.5	17.3	0	18.9	19.8	19.8	19.7	0	21.6
		75	0	17.5	17.4	17.4	0	18.9	19.9	19.9	19.7	0	21.6
	16QAM	1	0	17.9	17.9	17.6	0	18.9	20.2	20.1	20.1	0	21.6
		1	37	18.0	17.9	17.9	0	18.9	20.4	20.1	20.1	0	21.6
		1	74	17.8	17.7	17.6	0	18.9	20.1	20.0	20.0	0	21.6
		36	0	17.6	17.6	17.5	0	18.9	19.8	19.8	19.8	0	21.6
		36	20	17.6	17.5	17.5	0	18.9	20.0	19.8	19.7	0	21.6
		36	39	17.6	17.6	17.4	0	18.9	19.9	19.9	19.8	0	21.6
		75	0	17.6	17.5	17.4	0	18.9	19.9	19.8	19.7	0	21.6
	64QAM	1	0	17.8	17.8	17.8	0	18.9	20.2	20.3	19.9	0	21.6
		1	37	18.0	17.8	18.0	0	18.9	20.2	20.2	20.1	0	21.6
		1	74	17.7	17.6	17.6	0	18.9	20.0	20.0	19.9	0	21.6
		36	0	17.5	17.5	17.3	0	18.9	19.8	19.9	19.8	0	21.6
		36	20	17.6	17.5	17.5	0	18.9	19.9	19.9	19.8	0	21.6
		36	39	17.6	17.6	17.5	0	18.9	19.9	19.9	19.8	0	21.6
		75	0	17.6	17.5	17.4	0	18.9	19.9	19.8	19.8	0	21.6
	256QAM	1	0	17.7	17.6	17.5	0	18.9	19.9	19.8	19.7	0.9	20.7
		1	37	17.8	17.9	17.6	0	18.9	19.8	19.9	19.7	0.9	20.7
		1	74	17.6	17.7	17.4	0	18.9	19.9	19.9	19.8	0.9	20.7
		36	0	17.6	17.6	17.5	0	18.9	19.9	19.7	19.7	0.9	20.7
		36	20	17.5	17.5	17.5	0	18.9	19.8	19.7	19.7	0.9	20.7
		36	39	17.6	17.5	17.5	0	18.9	19.9	19.8	19.7	0.9	20.7
		75	0	17.6	17.4	17.4	0	18.9	19.8	19.7	19.6	0.9	20.7

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132022	132322	132622	MPR	Tune-up Limit	132022	132322	132622	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	17.4	17.3	17.3	0	18.9	19.8	19.9	19.7	0	21.6
		1	25	17.5	17.3	17.4	0	18.9	19.9	19.8	19.7	0	21.6
		1	49	17.4	17.3	17.3	0	18.9	19.8	19.7	19.6	0	21.6
		25	0	17.5	17.3	17.3	0	18.9	19.9	19.7	19.7	0	21.6
		25	12	17.5	17.4	17.3	0	18.9	20.0	19.8	19.7	0	21.6
		25	25	17.6	17.4	17.4	0	18.9	20.0	19.8	19.8	0	21.6
		50	0	17.5	17.4	17.3	0	18.9	20.0	19.8	19.7	0	21.6
	16QAM	1	0	17.8	17.9	17.9	0	18.9	20.0	20.2	19.9	0	21.6
		1	25	17.9	17.8	18.0	0	18.9	20.3	20.0	20.1	0	21.6
		1	49	17.7	17.8	17.9	0	18.9	20.2	20.0	20.2	0	21.6
		25	0	17.7	17.6	17.5	0	18.9	20.0	19.8	19.8	0	21.6
		25	12	17.7	17.7	17.5	0	18.9	20.0	19.8	19.8	0	21.6
		25	25	17.7	17.6	17.6	0	18.9	20.0	19.8	19.8	0	21.6
		50	0	17.7	17.6	17.5	0	18.9	20.0	19.8	19.7	0	21.6
	64QAM	1	0	17.7	17.6	17.6	0	18.9	20.0	19.9	20.0	0	21.6
		1	25	17.8	17.7	17.7	0	18.9	20.2	20.0	19.9	0	21.6
		1	49	17.7	17.6	17.6	0	18.9	20.1	19.8	19.9	0	21.6
		25	0	17.6	17.4	17.4	0	18.9	20.0	19.8	19.7	0	21.6
		25	12	17.6	17.5	17.4	0	18.9	20.0	19.9	19.7	0	21.6
		25	25	17.6	17.4	17.5	0	18.9	20.0	19.9	19.8	0	21.6
		50	0	17.6	17.4	17.4	0	18.9	19.9	19.8	19.7	0	21.6
	256QAM	1	0	17.7	17.7	17.6	0	18.9	19.9	19.9	19.7	0.9	20.7
		1	25	17.9	17.7	17.6	0	18.9	20.0	19.9	19.9	0.9	20.7
		1	49	17.9	17.7	17.6	0	18.9	19.8	19.8	19.8	0.9	20.7
		25	0	17.7	17.5	17.5	0	18.9	19.9	19.7	19.6	0.9	20.7
		25	12	17.7	17.6	17.5	0	18.9	20.0	19.7	19.6	0.9	20.7
		25	25	17.8	17.6	17.5	0	18.9	20.0	19.8	19.7	0.9	20.7
		50	0	17.7	17.6	17.7	0	18.9	19.9	19.7	19.6	0.9	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131997	132322	132647	MPR	Tune-up Limit	131997	132322	132647	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	17.5	17.4	17.4	0	18.9	19.8	19.8	19.7	0	21.6
		1	12	17.6	17.4	17.4	0	18.9	19.9	20.0	19.8	0	21.6
		1	24	17.5	17.4	17.4	0	18.9	19.8	19.8	19.6	0	21.6
		12	0	17.5	17.3	17.3	0	18.9	19.8	19.7	19.6	0	21.6
		12	7	17.6	17.4	17.4	0	18.9	19.9	19.9	19.8	0	21.6
		12	13	17.5	17.4	17.4	0	18.9	19.9	19.8	19.7	0	21.6
		25	0	17.5	17.4	17.4	0	18.9	19.9	19.7	19.7	0	21.6
	16QAM	1	0	17.6	17.5	17.6	0	18.9	20.5	20.1	20.4	0	21.6
		1	12	17.6	17.5	17.6	0	18.9	20.5	20.1	20.2	0	21.6
		1	24	17.6	17.4	17.5	0	18.9	20.4	20.2	20.3	0	21.6
		12	0	17.5	17.5	17.5	0	18.9	20.0	19.8	19.9	0	21.6
		12	7	17.6	17.6	17.6	0	18.9	20.0	19.9	19.9	0	21.6
		12	13	17.5	17.6	17.6	0	18.9	20.0	19.8	19.9	0	21.6
		25	0	17.5	17.5	17.6	0	18.9	19.9	19.7	19.9	0	21.6
	64QAM	1	0	17.9	17.6	17.7	0	18.9	20.3	20.1	20.2	0	21.6
		1	12	17.9	17.7	17.8	0	18.9	20.2	20.1	20.2	0	21.6
		1	24	17.8	17.6	17.7	0	18.9	20.1	20.0	20.0	0	21.6
		12	0	17.6	17.4	17.4	0	18.9	19.9	19.7	19.8	0	21.6
		12	7	17.6	17.5	17.5	0	18.9	20.0	19.8	19.9	0	21.6
		12	13	17.6	17.5	17.5	0	18.9	19.9	19.7	19.9	0	21.6
		25	0	17.5	17.4	17.5	0	18.9	19.9	19.7	19.9	0	21.6
	256QAM	1	0	17.6	17.4	17.5	0	18.9	19.9	19.7	20.0	0.9	20.7
		1	12	17.5	17.7	17.8	0	18.9	20.0	19.7	20.1	0.9	20.7
		1	24	17.5	17.7	17.7	0	18.9	19.9	19.7	19.7	0.9	20.7
		12	0	17.4	17.5	17.4	0	18.9	19.8	19.8	19.9	0.9	20.7
		12	7	17.5	17.6	17.6	0	18.9	19.9	19.7	19.8	0.9	20.7
		12	13	17.5	17.5	17.5	0	18.9	19.8	19.6	19.9	0.9	20.7
		25	0	17.5	17.5	17.5	0	18.9	19.8	19.7	19.6	0.9	20.7

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Tune-up Limit	131987	132322	132657	MPR	Tune-up Limit
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	17.5	17.4	17.4	0	18.9	20.0	19.7	19.6	0	21.6
		1	8	17.6	17.3	17.4	0	18.9	20.0	19.9	19.7	0	21.6
		1	14	17.4	17.3	17.5	0	18.9	19.8	19.6	19.7	0	21.6
		8	0	17.3	17.2	17.0	0	18.9	19.9	19.8	19.8	0	21.6
		8	4	17.3	17.5	17.5	0	18.9	19.9	19.7	19.8	0	21.6
		8	7	17.3	17.5	17.5	0	18.9	19.8	19.8	19.9	0	21.6
		15	0	17.3	17.5	17.4	0	18.9	19.8	19.8	19.8	0	21.6
	16QAM	1	0	17.6	17.4	17.5	0	18.9	20.2	20.2	20.0	0	21.6
		1	8	17.6	17.5	17.6	0	18.9	20.3	20.0	20.2	0	21.6
		1	14	17.6	17.4	17.5	0	18.9	20.0	19.9	20.0	0	21.6
		8	0	17.5	17.4	17.4	0	18.9	20.0	19.8	19.8	0	21.6
		8	4	17.6	17.4	17.4	0	18.9	20.0	19.9	19.8	0	21.6
		8	7	17.6	17.4	17.4	0	18.9	20.0	19.8	19.9	0	21.6
		15	0	17.5	17.4	17.3	0	18.9	20.0	19.8	19.9	0	21.6
	64QAM	1	0	17.6	17.7	17.6	0	18.9	20.2	19.8	19.9	0	21.6
		1	8	17.8	17.8	17.9	0	18.9	20.2	20.1	20.0	0	21.6
		1	14	17.7	17.6	17.7	0	18.9	20.1	19.9	19.9	0	21.6
		8	0	17.7	17.5	17.5	0	18.9	20.0	19.8	19.7	0	21.6
		8	4	17.7	17.5	17.5	0	18.9	20.0	19.9	19.7	0	21.6
		8	7	17.6	17.5	17.5	0	18.9	20.0	19.9	19.9	0	21.6
	256QAM	15	0	17.6	17.6	17.5	0	18.9	19.9	19.9	19.7	0	21.6
		1	0	17.8	17.6	17.7	0	18.9	19.9	19.8	19.8	0.9	20.7
		1	8	17.8	17.8	17.7	0	18.9	19.7	19.9	20.0	0.9	20.7
		1	14	17.8	17.6	17.6	0	18.9	19.7	19.7	19.9	0.9	20.7
		8	0	17.7	17.6	17.6	0	18.9	19.8	19.8	19.7	0.9	20.7
		8	4	17.8	17.6	17.6	0	18.9	19.9	19.8	19.7	0.9	20.7
		8	7	17.7	17.6	17.6	0	18.9	19.9	19.7	19.7	0.9	20.7
		15	0	17.7	17.5	17.6	0	18.9	19.9	19.8	19.7	0.9	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Tune-up Limit	131979	132322	132665	MPR	Tune-up Limit
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	17.4	17.3	17.4	0	18.9	19.8	19.6	19.6	0	21.6
		1	3	17.5	17.3	17.3	0	18.9	19.9	19.8	19.6	0	21.6
		1	5	17.5	17.3	17.2	0	18.9	19.8	19.7	19.7	0	21.6
		3	0	17.5	17.3	17.4	0	18.9	19.7	19.7	19.6	0	21.6
		3	1	17.5	17.3	17.4	0	18.9	19.8	19.7	19.6	0	21.6
		3	3	17.4	17.3	17.3	0	18.9	19.6	19.6	19.6	0	21.6
		6	0	17.5	17.4	17.4	0	18.9	19.8	19.7	19.6	0	21.6
	16QAM	1	0	17.4	17.6	17.6	0	18.9	20.0	20.0	19.8	0	21.6
		1	3	17.6	17.6	17.7	0	18.9	20.2	20.0	19.8	0	21.6
		1	5	17.7	17.7	17.6	0	18.9	20.2	20.0	19.9	0	21.6
		3	0	17.4	17.4	17.4	0	18.9	20.1	20.0	19.7	0	21.6
		3	1	17.4	17.5	17.4	0	18.9	20.0	19.8	19.9	0	21.6
		3	3	17.5	17.4	17.4	0	18.9	20.0	19.8	19.9	0	21.6
	64QAM	6	0	17.4	17.4	17.4	0	18.9	19.9	19.9	19.7	0	21.6
		1	0	17.7	17.7	17.7	0	18.9	20.0	20.0	20.0	0	21.6
		1	3	17.8	17.7	17.8	0	18.9	20.0	20.1	20.0	0	21.6
		1	5	17.6	17.7	17.7	0	18.9	20.1	20.0	20.0	0	21.6
		3	0	17.6	17.6	17.7	0	18.9	20.0	20.0	19.8	0	21.6
		3	1	17.7	17.6	17.6	0	18.9	20.0	19.9	19.7	0	21.6
	256QAM	3	3	17.8	17.7	17.6	0	18.9	20.0	19.9	19.8	0	21.6
		6	0	17.6	17.5	17.5	0	18.9	19.9	19.8	19.7	0	21.6
		1	0	17.7	17.6	17.8	0	18.9	19.8	19.9	19.8	0.9	20.7
		1	3	17.8	17.5	17.7	0	18.9	19.8	19.8	19.9	0.9	20.7
		1	5	17.6	17.4	17.6	0	18.9	20.1	19.7	19.7	0.9	20.7
		3	0	17.7	17.6	17.6	0	18.9	19.8	19.6	19.8	0.9	20.7
		3	1	17.7	17.5	17.6	0	18.9	20.0	19.9	19.7	0.9	20.7
		3	3	17.7	17.5	17.5	0	18.9	19.9	19.7	19.7	0.9	20.7
		6	0	17.6	17.5	17.4	0	18.9	19.7	19.7	19.6	0.9	20.7

LTE Band 71 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)					
					133297 680.5 MHz		MPR	Tune-up Limit		133297 680.5 MHz		MPR	Tune-up Limit
20	QPSK	1	0		24.2		0	25.7		24.2		0	25.7
		1	49		24.1		0	25.7		24.1		0	25.7
		1	99		24.0		0	25.7		24.0		0	25.7
		50	0		24.0		1	24.7		24.0		1	24.7
		50	24		24.0		1	24.7		24.0		1	24.7
		50	50		23.9		1	24.7		23.9		1	24.7
		100	0		24.0		1	24.7		24.0		1	24.7
	16QAM	1	0		23.9		1	24.7		23.9		1	24.7
		1	49		23.8		1	24.7		23.8		1	24.7
		1	99		23.8		1	24.7		23.8		1	24.7
		50	0		22.7		2	23.7		22.7		2	23.7
		50	24		22.8		2	23.7		22.8		2	23.7
		50	50		22.7		2	23.7		22.7		2	23.7
		100	0		22.7		2	23.7		22.7		2	23.7
	64QAM	1	0		22.9		2	23.7		22.9		2	23.7
		1	49		22.8		2	23.7		22.8		2	23.7
		1	99		22.8		2	23.7		22.8		2	23.7
		50	0		21.7		3	22.7		21.7		3	22.7
		50	24		21.8		3	22.7		21.8		3	22.7
		50	50		21.8		3	22.7		21.8		3	22.7
		100	0		21.7		3	22.7		21.7		3	22.7
	256QAM	1	0		19.8		5	20.7		19.8		5	20.7
		1	49		19.8		5	20.7		19.8		5	20.7
		1	99		19.8		5	20.7		19.8		5	20.7
		50	0		19.7		5	20.7		19.7		5	20.7
		50	24		19.8		5	20.7		19.8		5	20.7
		50	50		19.7		5	20.7		19.7		5	20.7
		100	0		19.7		5	20.7		19.7		5	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)					
					133297 680.5 MHz		MPR	Tune-up Limit		133297 680.5 MHz		MPR	Tune-up Limit
15	QPSK	1	0		23.9		0	25.7		23.9		0	25.7
		1	37		23.8		0	25.7		23.8		0	25.7
		1	74		23.8		0	25.7		23.8		0	25.7
		36	0		23.7		1	24.7		23.7		1	24.7
		36	20		23.8		1	24.7		23.8		1	24.7
		36	39		23.7		1	24.7		23.7		1	24.7
		75	0		23.7		1	24.7		23.7		1	24.7
	16QAM	1	0		23.8		1	24.7		23.8		1	24.7
		1	37		23.8		1	24.7		23.8		1	24.7
		1	74		23.8		1	24.7		23.8		1	24.7
		36	0		22.7		2	23.7		22.7		2	23.7
		36	20		22.8		2	23.7		22.8		2	23.7
		36	39		22.7		2	23.7		22.7		2	23.7
		75	0		22.7		2	23.7		22.7		2	23.7
	64QAM	1	0		22.9		2	23.7		22.9		2	23.7
		1	37		22.9		2	23.7		22.9		2	23.7
		1	74		22.8		2	23.7		22.8		2	23.7
		36	0		21.7		3	22.7		21.7		3	22.7
		36	20		21.8		3	22.7		21.8		3	22.7
		36	39		21.7		3	22.7		21.7		3	22.7
		75	0		21.7		3	22.7		21.7		3	22.7
	256QAM	1	0		19.8		5	20.7		19.8		5	20.7
		1	37		19.8		5	20.7		19.8		5	20.7
		1	74		19.7		5	20.7		19.7		5	20.7
		36	0		19.7		5	20.7		19.7		5	20.7
		36	20		19.8		5	20.7		19.8		5	20.7
		36	39		19.7		5	20.7		19.7		5	20.7
		75	0		19.7		5	20.7		19.7		5	20.7

LTE Band 71 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
					133297 680.5 MHz		MPR	Tune-up Limit		133297 680.5 MHz		MPR	Tune-up Limit
10	QPSK	1	0		23.9		0	25.7		23.9		0	25.7
		1	25		23.9		0	25.7		23.9		0	25.7
		1	49		23.8		0	25.7		23.8		0	25.7
		25	0		23.7		1	24.7		23.7		1	24.7
		25	12		23.8		1	24.7		23.8		1	24.7
		25	25		23.7		1	24.7		23.7		1	24.7
		50	0		23.7		1	24.7		23.7		1	24.7
	16QAM	1	0		23.8		1	24.7		23.8		1	24.7
		1	25		23.8		1	24.7		23.8		1	24.7
		1	49		23.8		1	24.7		23.8		1	24.7
		25	0		22.7		2	23.7		22.7		2	23.7
		25	12		22.8		2	23.7		22.8		2	23.7
		25	25		22.7		2	23.7		22.7		2	23.7
		50	0		22.7		2	23.7		22.7		2	23.7
	64QAM	1	0		22.9		2	23.7		22.9		2	23.7
		1	25		22.8		2	23.7		22.8		2	23.7
		1	49		22.8		2	23.7		22.8		2	23.7
		25	0		21.7		3	22.7		21.7		3	22.7
		25	12		21.8		3	22.7		21.8		3	22.7
		25	25		21.7		3	22.7		21.7		3	22.7
		50	0		21.8		3	22.7		21.8		3	22.7
	256QAM	1	0		19.7		5	20.7		19.7		5	20.7
		1	25		19.8		5	20.7		19.8		5	20.7
		1	49		19.8		5	20.7		19.8		5	20.7
		25	0		19.7		5	20.7		19.7		5	20.7
		25	12		19.8		5	20.7		19.8		5	20.7
		25	25		19.7		5	20.7		19.7		5	20.7
		50	0		19.7		5	20.7		19.7		5	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133147 665.5 MHz	133297 680.5 MHz	133447 695.5 MHz	MPR	Tune-up Limit	133147 665.5 MHz	133297 680.5 MHz	133447 695.5 MHz	MPR	Tune-up Limit
5	QPSK	1	0	24.1	23.9	24.0	0	25.7	24.1	23.9	24.0	0	25.7
		1	12	24.1	23.9	24.0	0	25.7	24.1	23.9	24.0	0	25.7
		1	24	24.1	23.8	23.9	0	25.7	24.1	23.8	23.9	0	25.7
		12	0	23.9	23.7	23.7	1	24.7	23.9	23.7	23.7	1	24.7
		12	7	23.9	23.8	23.8	1	24.7	23.9	23.8	23.8	1	24.7
		12	13	23.8	23.7	23.8	1	24.7	23.8	23.7	23.8	1	24.7
		25	0	23.8	23.7	23.8	1	24.7	23.8	23.7	23.8	1	24.7
	16QAM	1	0	24.0	23.8	24.0	1	24.7	24.0	23.8	24.0	1	24.7
		1	12	23.9	23.8	24.0	1	24.7	23.9	23.8	24.0	1	24.7
		1	24	24.0	23.7	24.0	1	24.7	24.0	23.7	24.0	1	24.7
		12	0	22.9	22.7	22.7	2	23.7	22.9	22.7	22.7	2	23.7
		12	7	22.9	22.8	22.8	2	23.7	22.9	22.8	22.8	2	23.7
		12	13	22.9	22.8	22.8	2	23.7	22.9	22.8	22.8	2	23.7
		25	0	22.8	22.7	22.7	2	23.7	22.8	22.7	22.7	2	23.7
	64QAM	1	0	23.1	22.8	22.8	2	23.7	23.1	22.8	22.8	2	23.7
		1	12	23.1	22.8	22.9	2	23.7	23.1	22.8	22.9	2	23.7
		1	24	23.1	22.7	22.9	2	23.7	23.1	22.7	22.9	2	23.7
		12	0	21.8	21.7	21.8	3	22.7	21.8	21.7	21.8	3	22.7
		12	7	21.9	21.8	21.9	3	22.7	21.9	21.8	21.9	3	22.7
		12	13	21.9	21.7	21.8	3	22.7	21.9	21.7	21.8	3	22.7
		25	0	21.9	21.7	21.8	3	22.7	21.9	21.7	21.8	3	22.7
	256QAM	1	0	19.8	19.8	19.8	5	20.7	19.8	19.8	19.8	5	20.7
		1	12	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		1	24	19.9	19.8	19.9	5	20.7	19.9	19.8	19.9	5	20.7
		12	0	19.8	19.7	19.7	5	20.7	19.8	19.7	19.7	5	20.7
		12	7	19.9	19.8	19.8	5	20.7	19.9	19.8	19.8	5	20.7
		12	13	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	5	20.7
		25	0	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	5	20.7

LTE Band 71 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
					133297	MPR	Tune-up Limit		133297	MPR	Tune-up Limit
					680.5 MHz				680.5 MHz		
20	QPSK	1	0		23.6	0	25.2		23.6	0	25.2
		1	49		23.7	0	25.2		23.7	0	25.2
		1	99		23.5	0	25.2		23.5	0	25.2
		50	0		23.4	1	24.2		23.4	1	24.2
		50	24		23.4	1	24.2		23.4	1	24.2
		50	50		23.5	1	24.2		23.5	1	24.2
		100	0		23.4	1	24.2		23.4	1	24.2
	16QAM	1	0		22.9	1	24.2		22.9	1	24.2
		1	49		23.0	1	24.2		23.0	1	24.2
		1	99		22.9	1	24.2		22.9	1	24.2
		50	0		21.9	2	23.2		21.9	2	23.2
		50	24		21.9	2	23.2		21.9	2	23.2
		50	50		21.9	2	23.2		21.9	2	23.2
		100	0		21.9	2	23.2		21.9	2	23.2
	64QAM	1	0		22.2	2	23.2		22.2	2	23.2
		1	49		22.2	2	23.2		22.2	2	23.2
		1	99		22.2	2	23.2		22.2	2	23.2
		50	0		21.0	3	22.2		21.0	3	22.2
		50	24		20.9	3	22.2		20.9	3	22.2
		50	50		21.0	3	22.2		21.0	3	22.2
		100	0		20.9	3	22.2		20.9	3	22.2
	256QAM	1	0		18.9	5	20.2		18.9	5	20.2
		1	49		19.1	5	20.2		19.1	5	20.2
		1	99		19.0	5	20.2		19.0	5	20.2
		50	0		18.9	5	20.2		18.9	5	20.2
		50	24		18.9	5	20.2		18.9	5	20.2
		50	50		18.9	5	20.2		18.9	5	20.2
		100	0		18.9	5	20.2		18.9	5	20.2
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
					133297	MPR	Tune-up Limit		133297	MPR	Tune-up Limit
					680.5 MHz				680.5 MHz		
15	QPSK	1	0		23.2	0	25.2		23.2	0	25.2
		1	37		23.2	0	25.2		23.2	0	25.2
		1	74		23.2	0	25.2		23.2	0	25.2
		36	0		22.9	1	24.2		22.9	1	24.2
		36	20		22.9	1	24.2		22.9	1	24.2
		36	39		22.9	1	24.2		22.9	1	24.2
		75	0		22.8	1	24.2		22.8	1	24.2
	16QAM	1	0		23.0	1	24.2		23.0	1	24.2
		1	37		23.1	1	24.2		23.1	1	24.2
		1	74		23.0	1	24.2		23.0	1	24.2
		36	0		21.9	2	23.2		21.9	2	23.2
		36	20		21.9	2	23.2		21.9	2	23.2
		36	39		21.9	2	23.2		21.9	2	23.2
		75	0		21.8	2	23.2		21.8	2	23.2
	64QAM	1	0		22.1	2	23.2		22.1	2	23.2
		1	37		22.1	2	23.2		22.1	2	23.2
		1	74		22.0	2	23.2		22.0	2	23.2
		36	0		20.9	3	22.2		20.9	3	22.2
		36	20		20.9	3	22.2		20.9	3	22.2
		36	39		21.0	3	22.2		21.0	3	22.2
		75	0		20.9	3	22.2		20.9	3	22.2
	256QAM	1	0		19.0	5	20.2		19.0	5	20.2
		1	37		19.1	5	20.2		19.1	5	20.2
		1	74		19.0	5	20.2		19.0	5	20.2
		36	0		18.9	5	20.2		18.9	5	20.2
		36	20		18.9	5	20.2		18.9	5	20.2
		36	39		18.9	5	20.2		18.9	5	20.2
		75	0		18.9	5	20.2		18.9	5	20.2

LTE Band 71 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
					133297 680.5 MHz		MPR	Tune-up Limit		133297 680.5 MHz		MPR	Tune-up Limit
10	QPSK	1	0		23.2		0	25.2		23.2		0	25.2
		1	25		23.2		0	25.2		23.2		0	25.2
		1	49		23.2		0	25.2		23.2		0	25.2
		25	0		22.9		1	24.2		22.9		1	24.2
		25	12		22.9		1	24.2		22.9		1	24.2
		25	25		23.0		1	24.2		23.0		1	24.2
		50	0		22.9		1	24.2		22.9		1	24.2
	16QAM	1	0		23.0		1	24.2		23.0		1	24.2
		1	25		23.1		1	24.2		23.1		1	24.2
		1	49		23.0		1	24.2		23.0		1	24.2
		25	0		21.9		2	23.2		21.9		2	23.2
		25	12		21.9		2	23.2		21.9		2	23.2
		25	25		21.9		2	23.2		21.9		2	23.2
	64QAM	50	0		21.9		2	23.2		21.9		2	23.2
		1	0		22.2		2	23.2		22.2		2	23.2
		1	25		22.2		2	23.2		22.2		2	23.2
		1	49		22.2		2	23.2		22.2		2	23.2
		25	0		20.9		3	22.2		20.9		3	22.2
		25	12		20.9		3	22.2		20.9		3	22.2
		25	25		20.9		3	22.2		20.9		3	22.2
	256QAM	50	0		20.9		3	22.2		20.9		3	22.2
		1	0		18.9		5	20.2		18.9		5	20.2
		1	25		19.1		5	20.2		19.1		5	20.2
		1	49		19.0		5	20.2		19.0		5	20.2
		25	0		18.9		5	20.2		18.9		5	20.2
		25	12		18.9		5	20.2		18.9		5	20.2
		25	25		19.0		5	20.2		19.0		5	20.2
		50	0		18.9		5	20.2		18.9		5	20.2
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133147 665.5 MHz	133297 680.5 MHz	133447 695.5 MHz	MPR	Tune-up Limit	133147 665.5 MHz	133297 680.5 MHz	133447 695.5 MHz	MPR	Tune-up Limit
5	QPSK	1	0	23.2	23.2	23.2	0	25.2	23.2	23.2	23.2	0	25.2
		1	12	23.2	23.2	23.2	0	25.2	23.2	23.2	23.2	0	25.2
		1	24	23.2	23.2	23.2	0	25.2	23.2	23.2	23.2	0	25.2
		12	0	22.9	22.9	22.9	1	24.2	22.9	22.9	22.9	1	24.2
		12	7	22.9	22.9	23.0	1	24.2	22.9	22.9	23.0	1	24.2
		12	13	22.9	23.0	23.0	1	24.2	22.9	23.0	23.0	1	24.2
		25	0	22.9	22.9	22.9	1	24.2	22.9	22.9	22.9	1	24.2
	16QAM	1	0	23.1	23.1	23.2	1	24.2	23.1	23.1	23.2	1	24.2
		1	12	23.0	23.1	23.2	1	24.2	23.0	23.1	23.2	1	24.2
		1	24	23.1	23.1	23.1	1	24.2	23.1	23.1	23.1	1	24.2
		12	0	21.9	21.9	21.9	2	23.2	21.9	21.9	21.9	2	23.2
		12	7	21.9	22.0	22.0	2	23.2	21.9	22.0	22.0	2	23.2
		12	13	21.9	22.0	22.0	2	23.2	21.9	22.0	22.0	2	23.2
	64QAM	25	0	21.9	21.9	21.9	2	23.2	21.9	21.9	21.9	2	23.2
		1	0	22.4	22.0	22.0	2	23.2	22.4	22.0	22.0	2	23.2
		1	12	22.4	22.2	22.0	2	23.2	22.4	22.2	22.0	2	23.2
		1	24	22.2	22.0	21.9	2	23.2	22.2	22.0	21.9	2	23.2
		12	0	21.0	20.9	20.8	3	22.2	21.0	20.9	20.8	3	22.2
		12	7	21.0	20.9	21.0	3	22.2	21.0	20.9	21.0	3	22.2
		12	13	21.0	20.9	20.9	3	22.2	21.0	20.9	20.9	3	22.2
	256QAM	25	0	20.9	20.9	20.9	3	22.2	20.9	20.9	20.9	3	22.2
		1	0	19.0	19.0	19.0	5	20.2	19.0	19.0	19.0	5	20.2
		1	12	19.2	19.2	19.1	5	20.2	19.2	19.2	19.1	5	20.2
		1	24	19.0	19.0	18.9	5	20.2	19.0	19.0	18.9	5	20.2
		12	0	18.9	18.9	18.8	5	20.2	18.9	18.9	18.8	5	20.2
		12	7	18.9	19.0	18.9	5	20.2	18.9	19.0	18.9	5	20.2
		12	13	19.0	19.0	18.9	5	20.2	19.0	19.0	18.9	5	20.2
		25	0	18.9	18.9	18.9	5	20.2	18.9	18.9	18.9	5	20.2

9.4. LTE Up-Link Carrier Aggregation

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

For inter-band carrier aggregation with uplink assigned to one E-UTRA band (Table 5.6A-1), the requirements in subclause 6.2.3 apply.

For inter-band carrier aggregation with one component carrier per operating band and the uplink active in two E-UTRA bands, the requirements in subclause 6.2.3 apply for each uplink component carrier.

For intra-band contiguous carrier aggregation the allowed Maximum Power Reduction (MPR) for the maximum output power applicable to the DUT in table below. In case the modulation format is different on different component carriers then the MPR is determined by the rules applied to higher order of those modulations.

Modulation	CA bandwidth Class B and C / Smallest Component Carrier Transmission Bandwidth Configuration				MPR (dB)
	25 RB	50 RB	75 RB	100 RB	
QPSK	> 8 and ≤ 25	> 12 and ≤ 50	> 16 and ≤ 75	> 18 and ≤ 100	≤ 1
QPSK	> 25	> 50	> 75	> 100	≤ 2
16 QAM	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 8 and ≤ 25	> 12 and ≤ 50	> 16 and ≤ 75	> 18 and ≤ 100	≤ 2
16 QAM	> 25	> 50	> 75	> 100	≤ 3
64 QAM	≤ 8 and allocation wholly contained within a single CC	≤ 12 and allocation wholly contained within a single CC	≤ 16 and allocation wholly contained within a single CC	≤ 18 and allocation wholly contained within a single CC	≤ 2
64 QAM	> 8 or allocation extends across two CC's	> 12 or allocation extends across two CC's	> 16 or allocation extends across two CC's	> 18 or allocation extends across two CC's	≤ 3

For PUCCH and SRS transmissions, the allowed MPR is according to that specified for PUSCH WPDK modulation for the corresponding transmission bandwidth.

For intra-band contiguous carrier aggregation bandwidth class C with non-contiguous resource allocation, the allowed Maximum Power Reduction (MPR) for the maximum output power in Table 6.2.2A-1 is specified as follows

$$\text{MPR} = \text{CEIL} \{ \min(M_A, M_{IM5}), 0.5 \}$$

Where M_A is defined as follows

$$M_A = \begin{cases} 8.2 & ; 0 \leq A < 0.025 \\ 9.2 - 40A & ; 0.025 \leq A < 0.05 \\ 8 - 16A & ; 0.05 \leq A < 0.25 \\ 4.83 - 3.33A & ; 0.25 \leq A \leq 0.4 \end{cases}$$

$$3.83 - 0.83A \quad ; 0.4 \leq A \leq 1$$

and M_{IM5} is defined as follows

$$M_{IM5} = \begin{cases} 4.5 & ; \Delta_{IM5} < 1.5 * BW_{Channel\_CA} \\ 6.0 & ; 1.5 * BW_{Channel\_CA} \leq \Delta_{IM5} < BW_{Channel\_CA}/2 + \Delta f_{ooB} \\ M_A & ; \Delta_{IM5} \geq BW_{Channel\_CA}/2 + \Delta f_{ooB} \end{cases}$$

Where

$$A = N_{RB\_alloc} / N_{RB\_agg}$$

$$\Delta_{IM5} = \max(|F_{C\_agg} - (3 * F_{agg\_alloc\_low} - 2 * F_{agg\_alloc\_high})|, |F_{C\_agg} - (3 * F_{agg\_alloc\_high} - 2 * F_{agg\_alloc\_low})|)$$

$CEIL\{M_A, 0.5\}$ means rounding upwards to closest 0.5dB, i.e. $MPR \in [3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5]$

For intra-band carrier aggregation, the MPR is evaluated per slot and given by the maximum value taken over the transmission(s) on all component carriers within the slot; the maximum MPR over the two slots is then applied for the entire subframe.

For intra-band non-contiguous carrier aggregation with one uplink carrier on the PCC, the requirements in the subclause 6.2.3 apply. For intra-band non-contiguous aggregation with two uplink carriers the MPR is defined for those E-UTRA bands where maximum possible $W_{GAP} \leq 42.2$ MHz as follows

$$MPR = CEIL\{M_A, 0.5\}$$

Where M_N is defined as follows

$$M_N = \begin{cases} -0.125N + 18.25 & ; 2 \leq N \leq 50 \\ -0.0333 N + 13.67 & ; 50 < N \leq 200 \end{cases}$$

Where $N = N_{RB\_alloc}$ is the number of allocated resource blocks.

For the UE maximum output power modified by MPR, the power limits specified in subclause 6.2.5A apply.

LTE Intra-Band Contiguous Carrier Aggregation

UL CA shall be tested based on the worst-case SAR configuration determined from non-CA SAR testing result. The channel BW, channel number, RB allocation, etc. would be selected to allow contiguous CA of PCC and SCC. Uplink output power for UL CA is the total power measured across the PCC and SCC.

UL CA power measurements were performed for each antennas at with QPSK modulation based on the worst-case standalone SAR.

The UL CA mode power measurements represent the total power across both carriers. Measurements were made for all supported PCC bandwidths using the channel/RB combination resulting in the highest standalone output power at the least MPR (0 dB). SCCs were set to use configurations similar to the PCC to establish conservative or worst-case equivalent SAR test conditions (highest maximum output power with MPR of 0 dB and RB allocation setting).

The standalone power measurement is the power for the PCC in the non-CA mode (i.e. single carrier power). In all cases the UL CA power is less than or equal to the standalone power, which is in accordance with the tune-up limits in table below.

According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping LTE bands as follows:

- a) The maximum output power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion.
- b) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

According to November 2017 TCB workshop, Uplink CA SAR Test Guidance as follows:

- a) When the maximum output power for UL CA is $\leq$ standalone LTE mode (without CA)
 - PCC is configured according to the highest standalone SAR configuration tested.
 - SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.
- b) When the Reported SAR for UL CA configuration, described above, is > 1.2 W/kg, UL CA SAR is also required for all required test channels (PCC based)
- c) UL CA SAR is also required for standalone SAR configurations > 1.2 W/kg when they are scaled to the UL CA power level.

Maximum Output Power for LTE UL Carrier Aggregation**PS1**

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	25.7	25.7	25.2	25.2				
CA_7C	QPSK	25.7	19.8	20.5	20.9	25.0	20.7	19.4	22.1
CA_41C (PC3)	QPSK	25.7	22.1	21.5	22.3	25.7	22.7	20.9	23.3
CA_41C (PC2)	QPSK	28.7	23.7	23.1	23.9	28.0	24.3	22.5	24.9
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_48C	QPSK	25.0	22.1	24.0	23.3	25.0	22.5	23.5	23.7

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

PS2

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	25.7	25.7	24.6	25.2				
CA_7C	QPSK	25.7	19.0	19.7	20.1	25.0	19.9	18.6	21.3
CA_41C (PC3)	QPSK	25.7	21.3	20.7	21.5	25.7	21.9	20.1	22.5
CA_41C (PC2)	QPSK	28.7	22.9	20.7	21.5	28.0	23.5	21.7	24.1
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_48C	QPSK	25.0	21.3	23.2	22.5	25.0	21.7	22.7	23.7

Note(s):

- PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.
- The values listed for PS2 with a different color compared to PS1 are the transmission modes that have up to a 0.8 dBm decrease in power.

LTE CA 5B Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_5B	ANT 1	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	24.2	25.7	24.4	0.2
CA_5B	ANT 1	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	24.2	25.7	24.4	0.2
CA_5B	ANT 2	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	25.2	23.7	25.2	23.8	0.1
CA_5B	ANT 2	Mode B	QPSK	10	831.6	1	49	5	84.1	1	0	25.2	23.7	25.2	23.8	0.1

LTE CA 7C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_7C	ANT 1	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	25.7	24.1	25.7	23.9	-0.2
CA_7C	ANT 1	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.8	18.9	19.8	18.7	-0.2
CA_7C	ANT 2	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.5	19.1	20.5	19.3	0.2
CA_7C	ANT 2	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	20.9	19.1	20.9	19.0	-0.1
CA_7C	ANT 3	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	25.0	23.5	25.0	23.3	-0.2
CA_7C	ANT 3	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.7	20.0	20.7	19.8	-0.2
CA_7C	ANT 3	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	20.7	20.1	20.7	19.9	-0.2
CA_7C	ANT 4	Mode A	QPSK	20	2510.0	1	99	20	2529.8	1	0	19.4	17.9	19.4	17.8	-0.1
CA_7C	ANT 4	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	22.1	20.5	22.1	20.3	-0.2
CA_7C	ANT 4	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	22.1	20.5	22.1	20.3	-0.2

LTE CA 41C (PC3) Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_41C	ANT 1	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	25.7	24.1	25.7	23.9	-0.2
CA_41C	ANT 1	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	22.1	21.6	22.1	21.3	-0.3
CA_41C	ANT 1	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	22.1	21.7	22.1	21.3	-0.4
CA_41C	ANT 2	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.5	19.9	21.5	20.1	0.2
CA_41C	ANT 2	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.3	20.7	22.3	20.6	-0.1
CA_41C	ANT 2	Mode B	QPSK	20	2621.7	1	99	20	2641.5	1	0	22.3	20.7	22.3	20.6	-0.1
CA_41C	ANT 3	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	25.7	24.4	25.7	24.2	-0.2
CA_41C	ANT 3	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	22.7	21.4	22.7	21.3	-0.1
CA_41C	ANT 4	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.9	19.7	20.9	19.5	-0.2
CA_41C	ANT 4	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	23.3	22.2	23.3	21.9	-0.3
CA_41C	ANT 4	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	23.3	22.0	23.3	21.8	-0.2

Note(s):

1. SAR evaluation for PC2 is only required when its Maximum output power is higher from PC3.

LTE CA 41C (PC2) Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_41C	ANT 1	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	28.7	26.7	28.7	26.7	0.0
CA_41C	ANT 3	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	28.0	26.7	28.0	26.7	0.0

LTE CA 48C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_48C	ANT 7	Mode A	QPSK	20	3633.5	1	99	20	3653.3	1	0	25.0	24.6	25.0	24.7	0.1
CA_48C	ANT 7	Mode B	QPSK	20	3596.7	1	99	20	3616.5	1	0	22.1	20.5	22.1	20.5	0.0
CA_48C	ANT 7	Mode B	QPSK	20	3633.5	1	99	20	3653.3	1	0	22.1	20.6	22.1	20.7	0.1
CA_48C	ANT 8	Mode A	QPSK	20	3633.5	1	99	20	3653.3	1	0	24.0	22.7	24.0	22.5	-0.2
CA_48C	ANT 8	Mode B	QPSK	20	3560.0	1	99	20	3579.8	1	0	23.3	22.1	23.3	21.9	-0.2
CA_48C	ANT 8	Mode B	QPSK	20	3633.5	1	99	20	3653.3	1	0	23.3	22.1	23.3	21.9	-0.2
CA_48C	ANT 9	Mode A	QPSK	20	3633.5	1	99	20	3653.3	1	0	25.0	24.1	25.0	24.0	-0.1
CA_48C	ANT 9	Mode B	QPSK	20	3560.0	1	99	20	3579.8	1	0	22.5	21.5	22.5	21.4	-0.1
CA_48C	ANT 9	Mode B	QPSK	20	3596.7	1	99	20	3616.5	1	0	22.5	21.5	22.5	21.4	-0.1
CA_48C	ANT 4	Mode A	QPSK	20	3633.5	1	99	20	3653.3	1	0	23.5	22.7	23.5	22.0	-0.7
CA_48C	ANT 4	Mode B	QPSK	20	3633.5	1	99	20	3653.3	1	0	23.7	23.0	23.7	22.9	-0.1
CA_48C	ANT 4	Mode B	QPSK	20	3670.2	1	99	20	3690.0	1	0	23.7	22.8	23.7	22.7	-0.1

LTE Inter-Band Carrier Aggregation

According to October 2018 TCB workshop, Uplink CA SAR Test Guidance as follows:

- Provide the single uplink SAR values you have obtained for the relevant SAR configurations and frequency bands that employ inter-band uplink carrier aggregation.
- If the single uplink 1-g SAR values for each band are both less than 0.8 W/kg and the algebraic summation of the 1-g SAR values are less than 1.45 W/kg no additional measurements need to be performed.
- If one of the single uplink 1-g SAR values is greater than 0.8 W/kg, instead of algebraically summing the 1-g SAR values, sum up the SAR distributions, similar to the enlarged zoom scan (volume scan) procedures found in FCC KDB Publication 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04.
- If the algebraic sum of the 1-g SAR values is > 1.45 W/kg additional measurements may have to be made. Submit a KDB inquiry for additional guidance.

Maximum Output Power (Tune-up Limit) and SAR test exemption for LTE UL Carrier Aggregation

The maximum UL CA transmit power is reduced by 3dB from the standalone values for both carriers therefore SAR will be reduced accordingly.

The reported 1g SAR for any standalone LTE configuration does not exceed 1.2 W/kg. The worst-case UL CA SAR per band will therefore be <0.6W/kg. As the SAR for each individual band is <0.6 W/kg and the algebraic summation cannot exceed 1.2 W/kg no further measurements are needed.

The combined SAR contribution cannot exceed the highest standalone SAR:

$$(SAR_{LTE1/2} + SAR_{LTE2/2} \leq \text{Max} (SAR_{LTE1}, SAR_{LTE2}))$$

therefore, simultaneous transmission analysis of UL-CA and WLAN/BT transmitters can be done using either of the standalone LTE SAR values alone.

9.5. LTE Down-Link Carrier Aggregation

This device supports LTE downlink carrier aggregation (CA).

9.6. 5G NR(FR1)

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS 138.521-1 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS138.521-1.

Table 6.2.2.3-1: Maximum Power Reduction (MPR) for Power 3

Modulation	MPR (dB)		
	Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM PI/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
	$\leq 0.5^2$		0^2
DFT-s-OFDM QPSK	≤ 1		0
DFT-s-OFDM 16 QAM	≤ 2		≤ 1
DFT-s-OFDM 64 QAM	≤ 2.5		
DFT-s-OFDM 256 QAM	≤ 4.5		
CP-OFDM QPSK	≤ 3		≤ 1.5
CP-OFDM 16 QAM	≤ 3		≤ 2
CP-OFDM 64 QAM	≤ 3.5		
CP-OFDM 256 QAM	≤ 6.5		
NOTE 1: Applicable for UE operating in TDD mode with PI/2 BPSK modulation and UE indicates support for UE capability <i>powerBoosting-pi2BPSK</i> and if the IE <i>powerBoostPi2BPSK</i> is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0dB MPR is 26dBm.			
NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 and if the IE <i>powerBoostPi2BPSK</i> is set to 0 and if more than 40% of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.			

The allowed A-MPR values specified below in Table 6.2.3.3.1-1 of 3GPP TS138.521-1 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01"

Table 6.2.3.3.1-1: Additional maximum power reduction (A-MPR)

Network Signalling label	Requirements (subclause)	NR Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01		Table 5.2-1	5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100	Table 5.3.2-1	N/A

Uplink RB allocations were used to Table 6.1-1 of the 3GPP TS 138.521-1.

Channel Bandwidth	SCS(kHz)	OFDM	RB allocation							
			Edge_Full_Left	Edge_Full_Right	Edge_IRB_Left	Edge_IRB_Right	Outer_Full	Inner_Full	Inner_IRB_Left	Inner_IRB_Right
5MHz	15	DFT-s	2@0	2@23	1@0	1@24	25@0	12@6	1@1	1@23
		CP	2@0	2@23	1@0	1@24	25@0	13@6	1@1	1@23
	30	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2 ¹	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2 ¹	1@1	1@9
	60	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10MHz	15	DFT-s	2@0	2@50	1@0	1@51	50@0	25@12	1@1	1@50
		CP	2@0	2@50	1@0	1@51	52@0	26@13	1@1	1@50
	30	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
	60	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2 ¹	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2 ¹	1@1	1@9
15MHz	15	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19 ¹	1@1	1@77
	30	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
	60	DFT-s	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
		CP	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
20MHz	15	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	30	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12 ¹	1@1	1@49
	60	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
25MHz	15	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	30	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
	60	DFT-s	2@0	2@29	1@0	1@30	30@0	15@7 ¹	1@1	1@29
		CP	2@0	2@29	1@0	1@30	31@0	15@7 ¹	1@1	1@29
30MHz	15	DFT-s	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
		CP	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
	30	DFT-s	2@0	2@76	1@0	1@77	75@0	36@18	1@1	1@76
		CP	2@0	2@76	1@0	1@77	78@0	39@19	1@1	1@76
	60	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
40MHz	15	DFT-s	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
		CP	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
	30	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	60	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12 ¹	1@1	1@49
50MHz	15	DFT-s	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
		CP	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
	30	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	60	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
60MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
		CP	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
	60	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19 ¹	1@1	1@77
80MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
90MHz	30	DFT-s	2@0	2@215	1@0	1@216	216@0	108@54	1@1	1@215
		CP	2@0	2@215	1@0	1@216	217@0	109@54	1@1	1@215
	60	DFT-s	2@0	2@105	1@0	1@106	100@0	50@25	1@1	1@105
		CP	2@0	2@105	1@0	1@106	107@0	53@26 ¹	1@1	1@105
	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
100MHz	30	DFT-s	2@0	2@243	1@0	1@244	240@0	120@60	1@1	1@243
		CP	2@0	2@243	1@0	1@244	245@0	123@61	1@1	1@243
	60	DFT-s	2@0	2@119	1@0	1@120	120@0	60@30	1@1	1@119
		CP	2@0	2@119	1@0	1@120	121@0	61@30	1@1	1@119
	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
100MHz	30	DFT-s	2@0	2@271	1@0	1@272	270@0	135@67	1@1	1@271
		CP	2@0	2@271	1@0	1@272	273@0	137@68	1@1	1@271
	60	DFT-s	2@0	2@133	1@0	1@134	135@0	64@32	1@1	1@133
		CP	2@0	2@133	1@0	1@134	135@0	67@33 ¹	1@1	1@133
	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note 1: The allocated RB number Low is $cell(N_{RB}/2) - 1$ in order to meet Inner RB allocation definition ($RB_{start,Low} \leq RB_{start} \leq RB_{start,High}$) described in subclause 6.2.2 of TS 38.101-1 [2].

Maximum Output Power for 5G NR (FR1)

According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping 5G NR(FR1) bands as follows:

- c) The maximum output power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion.
- d) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.
 - NR Band n2 (1850-1910 MHz) is covered by NR Band n25 (1850-1915 MHz)

For some 5GNR(FR1) Bands, the maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per KDB 941225 D05 SAR for LTE Devices.

SAR measurement is not required for the Pi/2 BPSK, 16QAM, 64QAM, and 256QAM. When the highest maximum output power for Pi/2 BPSK, 16QAM, 64QAM, and 256QAM is $\leq \frac{1}{2}$ dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.

Please refer to section 6.5. for 5G NR(FR1) detail test channels.

PS1

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n2	$\pi/2$ BPSK & QPSK	25.7	22.3	20.9	20.4	25.7	22.4	18.3	20.7
NR n5	$\pi/2$ BPSK & QPSK	25.7	25.7	25.2	25.2				
NR n7	$\pi/2$ BPSK & QPSK	25.7	20.0	20.5	20.7	25.0	20.7	19.4	22.1
NR n12	$\pi/2$ BPSK & QPSK	25.7	25.7	25.2	25.2				
NR n14	$\pi/2$ BPSK & QPSK	25.7	25.7	25.2	25.2				
NR n25	$\pi/2$ BPSK & QPSK	25.7	22.3	20.9	20.4	25.7	22.4	18.3	20.7
NR n26	$\pi/2$ BPSK & QPSK	25.7	25.7	25.2	25.2				
NR n30	$\pi/2$ BPSK & QPSK	25.2	19.9	21.3	21.6	24.5	21.7	19.2	21.3
NR n41 (PC3)	$\pi/2$ BPSK & QPSK	25.7	20.0	19.5	20.3	25.7	21.5	19.0	21.3
NR n41 (PC2)	$\pi/2$ BPSK & QPSK	28.7	23.0	22.5	23.3	28.0	24.5	22.0	24.3
NR n53	$\pi/2$ BPSK & QPSK	20.7	19.7	20.7	20.7				
NR n66	$\pi/2$ BPSK & QPSK	25.7	20.0	18.8	18.7	25.7	22.8	19.3	21.6
NR n70	$\pi/2$ BPSK & QPSK	25.7	21.0	18.8	19.6	25.7	23.0	20.0	22.0
NR n71	$\pi/2$ BPSK & QPSK	25.7	25.7	25.2	25.2				
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n48	$\pi/2$ BPSK & QPSK	26.0	20.1	22.0	21.3	25.5	20.5	21.5	23.5
NR n77 (PC3)	$\pi/2$ BPSK & QPSK	25.7	19.9	21.2	20.8	25.7	19.6	22.5	22.4
NR n77 (PC2)	$\pi/2$ BPSK & QPSK	28.7	22.9	24.2	23.8	28.7	22.6	24.7	24.7

PS2

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n2	$\pi/2$ BPSK & QPSK	25.7	21.5	20.1	19.6	25.7	21.6	17.5	19.9
NR n5	$\pi/2$ BPSK & QPSK	25.7	25.7	24.5	25.2				
NR n7	$\pi/2$ BPSK & QPSK	25.7	19.2	19.7	19.9	25.0	19.9	18.6	21.3
NR n12	$\pi/2$ BPSK & QPSK	25.7	25.7	24.9	25.2				
NR n14	$\pi/2$ BPSK & QPSK	25.7	25.7	25.2	25.2				
NR n25	$\pi/2$ BPSK & QPSK	25.7	21.5	20.1	19.6	25.7	21.6	17.5	19.9
NR n26	$\pi/2$ BPSK & QPSK	25.7	25.7	24.5	25.2				
NR n30	$\pi/2$ BPSK & QPSK	25.2	19.1	20.5	20.8	24.5	20.9	18.4	20.5
NR n41 (PC3)	$\pi/2$ BPSK & QPSK	25.7	19.2	18.7	19.5	25.7	20.6	18.2	20.5
NR n41 (PC2)	$\pi/2$ BPSK & QPSK	28.7	22.2	21.7	22.5	28.0	23.7	21.2	23.5
NR n53	$\pi/2$ BPSK & QPSK	20.7	18.9	19.9	20.7				
NR n66	$\pi/2$ BPSK & QPSK	25.7	19.2	18.0	17.8	25.7	22.0	18.5	20.8
NR n70	$\pi/2$ BPSK & QPSK	25.7	20.2	18.0	18.8	25.7	22.2	19.2	21.2
NR n71	$\pi/2$ BPSK & QPSK	25.7	25.7	25.2	25.2				
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n48	$\pi/2$ BPSK & QPSK	26.0	19.3	21.2	20.5	25.5	19.7	20.7	22.7
NR n77 (PC3)	$\pi/2$ BPSK & QPSK	25.7	19.1	20.4	20.0	25.7	18.8	21.7	21.6
NR n77 (PC2)	$\pi/2$ BPSK & QPSK	25.7	22.1	23.4	23.0	28.7	21.8	24.7	24.6

Notes:

The values listed for PS2 with a different color compared to PS1 are the transmission modes that have up to a 0.8 dBm decrease in power.

NR Band 5 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				166800	167300	167800	MPR	Tune-up Limit			166800	167300	167800	MPR	Tune-up Limit
				834 MHz	836.5 MHz	839 MHz					834 MHz	836.5 MHz	839 MHz		
20	π/2 BPSK	1	1		24.4		0	25.7	1	1		24.4		0	25.7
		1	104		24.4		0	25.7	1	104		24.4		0	25.7
		50	28		24.2		0	25.7	50	28		24.2		0	25.7
	QPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7
		1	104		24.4		0	25.7	1	104		24.4		0	25.7
		50	28		24.3		0	25.7	50	28		24.3		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				166300	167300	168300	MPR	Tune-up Limit			166300	167300	168300	MPR	Tune-up Limit
				831.5 MHz	836.5 MHz	841.5 MHz					831.5 MHz	836.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1		24.4		0	25.7	1	1		24.4		0	25.7
		1	77		24.4		0	25.7	1	77		24.4		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				165800	167300	168800	MPR	Tune-up Limit			165800	167300	168800	MPR	Tune-up Limit
				829 MHz	836.5 MHz	844 MHz					829 MHz	836.5 MHz	844 MHz		
10	π/2 BPSK	1	1		24.3		0	25.7	1	1		24.3		0	25.7
		1	50		24.3		0	25.7	1	50		24.3		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				165300	167300	169300	MPR	Tune-up Limit			165300	167300	169300	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz					826.5 MHz	836.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7
		1	23		24.4		0	25.7	1	23		24.4		0	25.7

NR Band 5 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				166800	167300	167800	MPR	Tune-up Limit			166800	167300	167800	MPR	Tune-up Limit
				834 MHz	836.5 MHz	839 MHz					834 MHz	836.5 MHz	839 MHz		
20	π/2 BPSK	1	1		23.8		0	25.2	1	1		23.8		0	25.2
		1	104		0		25.2	1	104	0		25.2			
		50	28		0		25.2	50	28	0		25.2			
	QPSK	1	1	0	25.2	1	1	0	25.2						
		1	104	0	25.2	1	104	0	25.2						
		50	28	0	25.2	50	28	0	25.2						
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				166300	167300	168300	MPR	Tune-up Limit			166300	167300	168300	MPR	Tune-up Limit
				831.5 MHz	836.5 MHz	841.5 MHz					831.5 MHz	836.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1		24.2		0	25.2	1	1		24.2		0	25.2
		1	77		0		25.2	1	77	0		25.2			
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				165800	167300	168800	MPR	Tune-up Limit			165800	167300	168800	MPR	Tune-up Limit
				829 MHz	836.5 MHz	844 MHz					829 MHz	836.5 MHz	844 MHz		
10	π/2 BPSK	1	1		24.2		0	25.2	1	1		24.2		0	25.2
		1	50		0		25.2	1	50	0		25.2			
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				165300	167300	169300	MPR	Tune-up Limit			165300	167300	169300	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz					826.5 MHz	836.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1	24.2	24.1	24.1	0	25.2	1	1	24.2	24.1	24.1	0	25.2
		1	23	24.2	24.1	24.1	0	25.2	1	23	24.2	24.1	24.1	0	25.2

NR Band 7 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				504000	507000	510000	MPR	Tune-up Limit			504000	507000	510000	MPR	Tune-up Limit
				2520 MHz	2535 MHz	2550 MHz					2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		24.0		0	25.7	1	1		19.4		0	20
		1	214		24.0		0	25.7	1	214		19.4		0	20
		108	54		23.8		0	25.7	108	54		19.4		0	20
	QPSK	1	1		24.2		0	25.7	1	1		19.3		0	20
		1	214		24.2		0	25.7	1	214		19.3		0	20
		108	54		24.0		0	25.7	108	54		19.2		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				504000	507000	510000	MPR	Tune-up Limit			504000	507000	510000	MPR	Tune-up Limit
				2520 MHz	2535 MHz	2550 MHz					2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		24.0		0	25.7	1	1		19.2		0	20
		1	214		24.0		0	25.7	1	214		19.2		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503500	507000	510500	MPR	Tune-up Limit			503500	507000	510500	MPR	Tune-up Limit
				2517.5 MHz	2535 MHz	2552.5 MHz					2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1		24.1		0	25.7	1	1		19.2		0	20
		1	186		24.1		0	25.7	1	186		19.3		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503000	507000	511000	MPR	Tune-up Limit			503000	507000	511000	MPR	Tune-up Limit
				2515 MHz	2535 MHz	2555 MHz					2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1		24.2		0	25.7	1	1		19.3		0	20
		1	158		24.2		0	25.7	1	158		19.1		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502500	507000	511500	MPR	Tune-up Limit			502500	507000	511500	MPR	Tune-up Limit
				2512.5 MHz	2535 MHz	2557.5 MHz					2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1		24.2		0	25.7	1	1		19.4		0	20
		1	131		24.2		0	25.7	1	131		19.5		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502000	507000	512000	MPR	Tune-up Limit			502000	507000	512000	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz					2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	24.4	24.3	24.3	0	25.7	1	1	19.6	19.6	19.6	0	20
		1	104	24.4	24.3	24.3	0	25.7	1	104	19.6	19.5	19.6	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501500	507000	512500	MPR	Tune-up Limit			501500	507000	512500	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz					2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	24.5	24.3	24.3	0	25.7	1	1	19.7	19.5	19.5	0	20
		1	77	24.4	24.3	24.4	0	25.7	1	77	19.6	19.5	19.7	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501000	507000	513000	MPR	Tune-up Limit			501000	507000	513000	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz					2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	24.5	24.4	24.3	0	25.7	1	1	19.6	19.5	19.6	0	20
		1	50	24.5	24.3	24.3	0	25.7	1	50	19.6	19.5	19.7	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				500500	507000	513500	MPR	Tune-up Limit			500500	507000	513500	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz					2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	24.4	24.3	24.3	0	25.7	1	1	19.5	19.5	19.5	0	20
		1	23	24.4	24.3	24.4	0	25.7	1	23	19.5	19.6	19.6	0	20

NR Band 7 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				504000	507000	510000	MPR	Tune-up Limit			504000	507000	510000	MPR	Tune-up Limit
				2520 MHz	2535 MHz	2550 MHz					2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		18.9		0	20.5	1	1		19.0		0	20.7
		1	214		19.0		0	20.5	1	214		19.1		0	20.7
		108	54		18.8		0	20.5	108	54		19.0		0	20.7
	QPSK	1	1	18.9	0	20.5	1	1	19.1	0	20.7				
		1	214	19.0	0	20.5	1	214	19.0	0	20.7				
		108	54	18.9	0	20.5	108	54	19.0	0	20.7				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				504000	507000	510000	MPR	Tune-up Limit			504000	507000	510000	MPR	Tune-up Limit
				2520 MHz	2535 MHz	2550 MHz					2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1	18.9		0	20.5	1	1	19.0		0	20.7		
		1	214	19.0		0	20.5	1	214	19.1		0	20.7		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503500	507000	510500	MPR	Tune-up Limit			503500	507000	510500	MPR	Tune-up Limit
				2517.5 MHz	2535 MHz	2552.5 MHz					2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1	18.9		0	20.5	1	1	18.9		0	20.7		
		1	186	18.9		0	20.5	1	186	19.0		0	20.7		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503000	507000	511000	MPR	Tune-up Limit			503000	507000	511000	MPR	Tune-up Limit
				2515 MHz	2535 MHz	2555 MHz					2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1	18.9		0	20.5	1	1	19.0		0	20.7		
		1	158	18.9		0	20.5	1	158	19.0		0	20.7		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502500	507000	511500	MPR	Tune-up Limit			502500	507000	511500	MPR	Tune-up Limit
				2512.5 MHz	2535 MHz	2557.5 MHz					2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1	19.0		0	20.5	1	1	19.1		0	20.7		
		1	131	19.0		0	20.5	1	131	19.1		0	20.7		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502000	507000	512000	MPR	Tune-up Limit			502000	507000	512000	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz					2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	19.1	19.1	19.1	0	20.5	1	1	19.1	19.1	19.1	0	20.7
		1	104	19.1	19.1	19.1	0	20.5	1	104	19.1	19.1	19.1	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501500	507000	512500	MPR	Tune-up Limit			501500	507000	512500	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz					2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	19.2	19.2	19.2	0	20.5	1	1	19.3	19.2	19.2	0	20.7
		1	77	19.1	19.1	19.1	0	20.5	1	77	19.3	19.2	19.2	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501000	507000	513000	MPR	Tune-up Limit			501000	507000	513000	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz					2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	19.2	19.2	19.2	0	20.5	1	1	19.2	19.3	19.2	0	20.7
		1	50	19.1	19.1	19.2	0	20.5	1	50	19.2	19.3	19.3	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				500500	507000	513500	MPR	Tune-up Limit			500500	507000	513500	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz					2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	19.1	19.0	19.1	0	20.5	1	1	19.1	19.1	19.1	0	20.7
		1	23	19.1	19.1	19.2	0	20.5	1	23	19.2	19.2	19.2	0	20.7

NR Band 7 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				504000	507000	510000	MPR	Tune-up Limit			504000	507000	510000	MPR	Tune-up Limit
				2520 MHz	2535 MHz	2550 MHz					2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		23.6		0	25	1	1		20.1		0	20.7
		1	214		23.7		0	25	1	214		20.1		0	20.7
		108	54		23.5		0	25	108	54		20.0		0	20.7
	QPSK	1	1		23.5		0	25	1	1		20.0		0	20.7
		1	214		23.6		0	25	1	214		20.2		0	20.7
		108	54		23.6		0	25	108	54		20.0		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503500	507000	510500	MPR	Tune-up Limit			503500	507000	510500	MPR	Tune-up Limit
				2517.5 MHz	2535 MHz	2552.5 MHz					2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1		23.4		0	25	1	1		20.1		0	20.7
		1	186		23.4		0	25	1	186		20.0		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503000	507000	511000	MPR	Tune-up Limit			503000	507000	511000	MPR	Tune-up Limit
				2515 MHz	2535 MHz	2555 MHz					2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1		23.6		0	25	1	1		20.0		0	20.7
		1	158		23.4		0	25	1	158		20.1		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502500	507000	511500	MPR	Tune-up Limit			502500	507000	511500	MPR	Tune-up Limit
				2512.5 MHz	2535 MHz	2557.5 MHz					2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1		23.5		0	25	1	1		20.1		0	20.7
		1	131		23.6		0	25	1	131		20.1		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502000	507000	512000	MPR	Tune-up Limit			502000	507000	512000	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz					2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	23.7	23.6	23.8	0	25	1	1	20.1	20.3	20.3	0	20.7
		1	104	23.8	23.7	23.8	0	25	1	104	20.2	20.3	20.4	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501500	507000	512500	MPR	Tune-up Limit			501500	507000	512500	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz					2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	23.6	23.8	23.8	0	25	1	1	20.2	20.3	20.3	0	20.7
		1	77	23.8	23.6	23.9	0	25	1	77	20.3	20.3	20.3	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501000	507000	513000	MPR	Tune-up Limit			501000	507000	513000	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz					2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	23.7	23.8	23.8	0	25	1	1	20.2	20.3	20.3	0	20.7
		1	50	23.7	23.6	23.7	0	25	1	50	20.3	20.2	20.3	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				500500	507000	513500	MPR	Tune-up Limit			500500	507000	513500	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz					2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	23.6	23.5	23.6	0	25	1	1	20.1	20.3	20.3	0	20.7
		1	23	23.6	23.7	23.8	0	25	1	23	20.1	20.3	20.3	0	20.7

NR Band 7 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				504000	507000	510000	MPR	Tune-up Limit			504000	507000	510000	MPR	Tune-up Limit
				2520 MHz	2535 MHz	2550 MHz					2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		18.0		0	19.4	1	1		20.7		0	22.1
		1	214		18.1		0	19.4	1	214		20.8		0	22.1
		108	54		17.8		0	19.4	108	54		20.6		0	22.1
	QPSK	1	1		17.8		0	19.4	1	1		20.7		0	22.1
		1	214		17.8		0	19.4	1	214		20.6		0	22.1
		108	54		17.6		0	19.4	108	54		20.4		0	22.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503500	507000	510500	MPR	Tune-up Limit			503500	507000	510500	MPR	Tune-up Limit
				2517.5 MHz	2535 MHz	2552.5 MHz					2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1		17.6		0	19.4	1	1		20.5		0	22.1
		1	186		17.7		0	19.4	1	186		20.5		0	22.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				503000	507000	511000	MPR	Tune-up Limit			503000	507000	511000	MPR	Tune-up Limit
				2515 MHz	2535 MHz	2555 MHz					2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1		17.6		0	19.4	1	1		20.6		0	22.1
		1	158		17.6		0	19.4	1	158		20.6		0	22.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502500	507000	511500	MPR	Tune-up Limit			502500	507000	511500	MPR	Tune-up Limit
				2512.5 MHz	2535 MHz	2557.5 MHz					2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1		17.6		0	19.4	1	1		20.5		0	22.1
		1	131		17.6		0	19.4	1	131		20.6		0	22.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				502000	507000	512000	MPR	Tune-up Limit			502000	507000	512000	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz					2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	17.9	18.0	18.0	0	19.4	1	1	20.7	20.7	20.8	0	22.1
		1	104	18.0	17.9	18.3	0	19.4	1	104	20.7	20.7	21.0	0	22.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501500	507000	512500	MPR	Tune-up Limit			501500	507000	512500	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz					2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	18.1	18.0	18.1	0	19.4	1	1	20.8	20.8	20.8	0	22.1
		1	77	18.1	18.1	18.3	0	19.4	1	77	20.8	20.9	21.0	0	22.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				501000	507000	513000	MPR	Tune-up Limit			501000	507000	513000	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz					2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	18.0	18.1	18.2	0	19.4	1	1	20.8	20.9	20.9	0	22.1
		1	50	18.0	18.1	18.3	0	19.4	1	50	20.9	20.9	21.0	0	22.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				500500	507000	513500	MPR	Tune-up Limit			500500	507000	513500	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz					2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	17.9	17.7	18.2	0	19.4	1	1	20.7	20.6	21.0	0	22.1
		1	23	18.1	17.8	18.2	0	19.4	1	23	20.8	20.6	20.9	0	22.1

NR Band 12 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				141300	141500	141700	MPR	Tune-up Limit			141300	141500	141700	MPR	Tune-up Limit		
				706.5 MHz	707.5 MHz	708.5 MHz					706.5 MHz	707.5 MHz	708.5 MHz				
15	π/2 BPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7		
		1	77		24.4		0	25.7	1	77		24.4		0	25.7		
		36	22		24.5		0	25.7	36	22		24.5		0	25.7		
	QPSK	1	1		24.2		0	25.7	1	1		24.2		0	25.7		
		1	77		24.3		0	25.7	1	77		24.3		0	25.7		
		36	22		24.3		0	25.7	36	22		24.3		0	25.7		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				140800	141500	142200	MPR	Tune-up Limit			140800	141500	142200	MPR	Tune-up Limit		
				704 MHz	707.5 MHz	711 MHz					704 MHz	707.5 MHz	711 MHz				
10	π/2 BPSK	1	1		24.3		0	25.7	1	1		24.3		0	25.7		
		1	50		24.3		0	25.7	1	50		24.3		0	25.7		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				140300	141500	142700	MPR	Tune-up Limit			140300	141500	142700	MPR	Tune-up Limit		
				701.5 MHz	707.5 MHz	713.5 MHz					701.5 MHz	707.5 MHz	713.5 MHz				
5	π/2 BPSK	1	1		24.2	24.3	24.2	0	25.7	1	1		24.2	24.3	24.2	0	25.7
		1	23		24.2	24.3	24.2	0	25.7	1	23		24.2	24.3	24.2	0	25.7

NR Band 12 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				141300	141500	141700	MPR	Tune-up Limit			141300	141500	141700	MPR	Tune-up Limit
				706.5 MHz	707.5 MHz	708.5 MHz					706.5 MHz	707.5 MHz	708.5 MHz		
15	$\pi/2$ BPSK	1	1		23.9		0	25.2	1	1		23.9		0	25.2
		1	77		23.8		0	25.2	1	77		23.8		0	25.2
		36	22		23.7		0	25.2	36	22		23.7		0	25.2
	QPSK	1	1	23.8	0	25.2	1	1	23.8	0	25.2				
		1	77	23.8	0	25.2	1	77	23.8	0	25.2				
		36	22	23.6	0	25.2	36	22	23.6	0	25.2				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				140800	141500	142200	MPR	Tune-up Limit			140800	141500	142200	MPR	Tune-up Limit
				704 MHz	707.5 MHz	711 MHz					704 MHz	707.5 MHz	711 MHz		
10	$\pi/2$ BPSK	1	1		23.8		0	25.2	1	1		23.8		0	25.2
		1	50		23.7		0	25.2	1	50		23.7		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				140300	141500	142700	MPR	Tune-up Limit			140300	141500	142700	MPR	Tune-up Limit
				701.5 MHz	707.5 MHz	713.5 MHz					701.5 MHz	707.5 MHz	713.5 MHz		
5	$\pi/2$ BPSK	1	1	23.7	23.7	23.7	0	25.2	1	1	23.7	23.7	23.7	0	25.2
		1	23	23.7	23.6	23.7	0	25.2	1	23	23.7	23.6	23.7	0	25.2

NR Band 14 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				158600	158600	158600	MPR	Tune-up Limit			158600	158600	158600	MPR	Tune-up Limit
				793 MHz	793 MHz	793 MHz					793 MHz	793 MHz	793 MHz		
10	π/2 BPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7
		1	50		24.3		0	25.7	1	50		24.3		0	25.7
		25	14		24.2		0	25.7	25	14		24.2		0	25.7
	QPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7
		1	50		24.4		0	25.7	1	50		24.4		0	25.7
		25	14		24.4		0	25.7	25	14		24.4		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				158100	158600	159100	MPR	Tune-up Limit			158100	158600	159100	MPR	Tune-up Limit
				790.5 MHz	793 MHz	795.5 MHz					790.5 MHz	793 MHz	795.5 MHz		
5	π/2 BPSK	1	1		24.4		0	25.7	1	1		24.4		0	25.7
		1	23		24.4		0	25.7	1	23		24.4		0	25.7

NR Band 14 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				158600	158600	158600	MPR	Tune-up Limit			158600	158600	158600	MPR	Tune-up Limit
				793 MHz	793 MHz	793 MHz					793 MHz	793 MHz	793 MHz		
10	π/2 BPSK	1	1		23.9		0	25.2	1	1		23.9		0	25.2
		1	50		23.9		0	25.2	1	50		23.9		0	25.2
		25	14		23.9		0	25.2	25	14		23.9		0	25.2
	QPSK	1	1		23.9		0	25.2	1	1		23.9		0	25.2
		1	50		24.0		0	25.2	1	50		24.0		0	25.2
		25	14		24.0		0	25.2	25	14		24.0		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				158100	158600	159100	MPR	Tune-up Limit			158100	158600	159100	MPR	Tune-up Limit
				790.5 MHz	793 MHz	795.5 MHz					790.5 MHz	793 MHz	795.5 MHz		
5	π/2 BPSK	1	1		23.9		0	25.2	1	1		23.9		0	25.2
		1	23		23.9		0	25.2	1	23		23.9		0	25.2

NR Band 25 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				374000	376500	379000	MPR	Tune-up Limit			374000	376500	379000	MPR	Tune-up Limit
				1870 MHz	1882.5 MHz	1895 MHz					1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		24.1		0	25.7	1	1		20.7		0	22.3
		1	214		24.1		0	25.7	1	214		20.6		0	22.3
		108	54		24.0		0	25.7	108	54		20.4		0	22.3
	QPSK	1	1		23.8		0	25.7	1	1		20.8		0	22.3
		1	214		23.8		0	25.7	1	214		20.7		0	22.3
		108	54		23.8		0	25.7	108	54		20.6		0	22.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373500	376500	379500	MPR	Tune-up Limit			373500	376500	379500	MPR	Tune-up Limit
				1867.5 MHz	1882.5 MHz	1897.5 MHz					1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		23.8		0	25.7	1	1		20.7		0	22.3
		1	186		23.8		0	25.7	1	186		20.6		0	22.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373000	376500	380000	MPR	Tune-up Limit			373000	376500	380000	MPR	Tune-up Limit
				1865 MHz	1882.5 MHz	1900 MHz					1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		23.8		0	25.7	1	1		20.7		0	22.3
		1	158		23.9		0	25.7	1	158		20.7		0	22.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372500	376500	380500	MPR	Tune-up Limit			372500	376500	380500	MPR	Tune-up Limit
				1862.5 MHz	1882.5 MHz	1902.5 MHz					1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		23.9		0	25.7	1	1		20.7		0	22.3
		1	131		23.9		0	25.7	1	131		20.7		0	22.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372000	376500	381000	MPR	Tune-up Limit			372000	376500	381000	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz					1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	23.9	23.9	24.0	0	25.7	1	1	20.8	20.7	20.8	0	22.3
		1	104	23.9	23.9	23.9	0	25.7	1	104	20.7	20.8	20.7	0	22.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371500	376500	381500	MPR	Tune-up Limit			371500	376500	381500	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz					1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	24.0	24.0	23.9	0	25.7	1	1	20.8	20.8	20.8	0	22.3
		1	77	24.0	23.8	24.0	0	25.7	1	77	20.7	20.7	20.7	0	22.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371000	376500	382000	MPR	Tune-up Limit			371000	376500	382000	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz					1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	23.9	23.8	23.8	0	25.7	1	1	20.8	20.7	20.8	0	22.3
		1	50	23.8	23.7	23.8	0	25.7	1	50	20.7	20.6	20.6	0	22.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				370500	376500	382500	MPR	Tune-up Limit			370500	376500	382500	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz					1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	24.2	23.8	23.8	0	25.7	1	1	20.7	20.7	20.7	0	22.3
		1	23	24.1	24.1	24.2	0	25.7	1	23	20.7	20.7	20.6	0	22.3

NR Band 25 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				374000	376500	379000	MPR	Tune-up Limit			374000	376500	379000	MPR	Tune-up Limit
				1870 MHz	1882.5 MHz	1895 MHz					1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		20.0		0	20.9	1	1		18.9		0	20.4
		1	214		0		20.9	1	214	0		20.4			
		108	54		0		20.9	108	54	0		20.4			
	QPSK	1	1	19.8	0	20.9	1	1	18.6	0	20.4				
		1	214	19.9	0	20.9	1	214	18.6	0	20.4				
		108	54	19.8	0	20.9	108	54	18.5	0	20.4				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373500	376500	379500	MPR	Tune-up Limit			373500	376500	379500	MPR	Tune-up Limit
				1867.5 MHz	1882.5 MHz	1897.5 MHz					1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1	19.8	0	20.9	1	1	18.4	0	20.4				
		1	186	19.8	0	20.9	1	186	18.5	0	20.4				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373000	376500	380000	MPR	Tune-up Limit			373000	376500	380000	MPR	Tune-up Limit
				1865 MHz	1882.5 MHz	1900 MHz					1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1	19.7	0	20.9	1	1	18.6	0	20.4				
		1	158	19.8	0	20.9	1	158	18.6	0	20.4				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372500	376500	380500	MPR	Tune-up Limit			372500	376500	380500	MPR	Tune-up Limit
				1862.5 MHz	1882.5 MHz	1902.5 MHz					1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1	19.9	0	20.9	1	1	18.6	0	20.4				
		1	131	19.9	0	20.9	1	131	18.6	0	20.4				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372000	376500	381000	MPR	Tune-up Limit			372000	376500	381000	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz					1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	19.8	20.0	19.8	0	20.9	1	1	18.6	18.7	18.7	0	20.4
		1	104	19.8	20.0	19.9	0	20.9	1	104	18.7	18.8	18.7	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371500	376500	381500	MPR	Tune-up Limit			371500	376500	381500	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz					1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	19.9	20.0	19.9	0	20.9	1	1	18.7	18.7	18.7	0	20.4
		1	77	19.9	20.0	19.9	0	20.9	1	77	18.7	18.7	18.7	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371000	376500	382000	MPR	Tune-up Limit			371000	376500	382000	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz					1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	19.9	20.0	19.9	0	20.9	1	1	18.6	18.7	18.7	0	20.4
		1	50	19.8	19.9	19.8	0	20.9	1	50	18.6	18.7	18.7	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				370500	376500	382500	MPR	Tune-up Limit			370500	376500	382500	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz					1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	19.8	19.9	19.8	0	20.9	1	1	18.6	18.7	18.6	0	20.4
		1	23	19.8	19.9	19.8	0	20.9	1	23	18.5	18.7	18.6	0	20.4

NR Band 25 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				374000	376500	379000	MPR	Tune-up Limit			374000	376500	379000	MPR	Tune-up Limit
				1870 MHz	1882.5 MHz	1895 MHz					1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		24.0		0	25.7	1	1		20.7		0	22.4
		1	214		23.8		0	25.7	1	214		20.7		0	22.4
		108	54		23.8		0	25.7	108	54		20.6		0	22.4
	QPSK	1	1		23.9		0	25.7	1	1		20.8		0	22.4
		1	214		23.8		0	25.7	1	214		20.7		0	22.4
		108	54		23.7		0	25.7	108	54		20.6		0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373500	376500	379500	MPR	Tune-up Limit			373500	376500	379500	MPR	Tune-up Limit
				1867.5 MHz	1882.5 MHz	1897.5 MHz					1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		23.7		0	25.7	1	1		20.7		0	22.4
		1	186		23.7		0	25.7	1	186		20.6		0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373000	376500	380000	MPR	Tune-up Limit			373000	376500	380000	MPR	Tune-up Limit
				1865 MHz	1882.5 MHz	1900 MHz					1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		23.8		0	25.7	1	1		20.7		0	22.4
		1	158		23.8		0	25.7	1	158		20.7		0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372500	376500	380500	MPR	Tune-up Limit			372500	376500	380500	MPR	Tune-up Limit
				1862.5 MHz	1882.5 MHz	1902.5 MHz					1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		23.9		0	25.7	1	1		20.7		0	22.4
		1	131		23.9		0	25.7	1	131		20.8		0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372000	376500	381000	MPR	Tune-up Limit			372000	376500	381000	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz					1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	23.9	23.9	24.0	0	25.7	1	1	20.8	20.7	20.8	0	22.4
		1	104	23.9	23.9	23.9	0	25.7	1	104	20.8	20.8	20.8	0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371500	376500	381500	MPR	Tune-up Limit			371500	376500	381500	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz					1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	24.0	24.0	23.9	0	25.7	1	1	20.9	20.9	20.7	0	22.4
		1	77	24.0	23.9	23.9	0	25.7	1	77	20.9	20.9	20.9	0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371000	376500	382000	MPR	Tune-up Limit			371000	376500	382000	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz					1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	24.0	23.8	24.0	0	25.7	1	1	20.9	20.8	20.8	0	22.4
		1	50	23.9	23.9	23.9	0	25.7	1	50	20.9	20.8	20.8	0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				370500	376500	382500	MPR	Tune-up Limit			370500	376500	382500	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz					1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	24.0	23.9	23.9	0	25.7	1	1	20.9	20.8	20.8	0	22.4
		1	23	24.0	23.8	23.9	0	25.7	1	23	20.9	20.8	20.8	0	22.4

NR Band 25 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				374000	376500	379000	MPR	Tune-up Limit			374000	376500	379000	MPR	Tune-up Limit
				1870 MHz	1882.5 MHz	1895 MHz					1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		16.9		0	18.3	1	1		19.5		0	20.7
		1	214		16.8		0	18.3	1	214		19.5		0	20.7
		108	54		16.9		0	18.3	108	54		19.5		0	20.7
	QPSK	1	1		16.7		0	18.3	1	1		19.5		0	20.7
		1	214		16.9		0	18.3	1	214		19.7		0	20.7
		108	54		16.8		0	18.3	108	54		19.5		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373500	376500	379500	MPR	Tune-up Limit			373500	376500	379500	MPR	Tune-up Limit
				1867.5 MHz	1882.5 MHz	1897.5 MHz					1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		16.7		0	18.3	1	1		19.4		0	20.7
		1	186		16.8		0	18.3	1	186		19.6		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				373000	376500	380000	MPR	Tune-up Limit			373000	376500	380000	MPR	Tune-up Limit
				1865 MHz	1882.5 MHz	1900 MHz					1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		16.5		0	18.3	1	1		19.5		0	20.7
		1	158		16.8		0	18.3	1	158		19.6		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372500	376500	380500	MPR	Tune-up Limit			372500	376500	380500	MPR	Tune-up Limit
				1862.5 MHz	1882.5 MHz	1902.5 MHz					1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		16.7		0	18.3	1	1		19.6		0	20.7
		1	131		16.9		0	18.3	1	131		19.8		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				372000	376500	381000	MPR	Tune-up Limit			372000	376500	381000	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz					1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	16.7	16.7	16.8	0	18.3	1	1	19.5	19.6	19.7	0	20.7
		1	104	16.7	16.9	17.1	0	18.3	1	104	19.5	19.8	19.9	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371500	376500	381500	MPR	Tune-up Limit			371500	376500	381500	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz					1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	16.6	16.9	17.0	0	18.3	1	1	19.5	19.7	19.8	0	20.7
		1	77	16.6	16.9	17.1	0	18.3	1	77	19.6	19.7	19.9	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				371000	376500	382000	MPR	Tune-up Limit			371000	376500	382000	MPR	Tune-up Limit
				1855 MHz	1882.5 MHz	1910 MHz					1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	16.7	16.9	17.1	0	18.3	1	1	19.5	19.6	19.9	0	20.7
		1	50	16.7	16.9	17.1	0	18.3	1	50	19.5	19.6	19.9	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				370500	376500	382500	MPR	Tune-up Limit			370500	376500	382500	MPR	Tune-up Limit
				1852.5 MHz	1882.5 MHz	1912.5 MHz					1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	16.6	16.9	17.0	0	18.3	1	1	19.5	19.5	19.9	0	20.7
		1	23	16.7	16.8	17.0	0	18.3	1	23	19.5	19.5	19.8	0	20.7

NR Band 26 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				164800	166300	167800	MPR	Tune-up Limit			164800	166300	167800	MPR	Tune-up Limit
				824 MHz	831.5 MHz	839 MHz					824 MHz	831.5 MHz	839 MHz		
20	π/2 BPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7
		1	104		24.4		0	25.7	1	104		24.4		0	25.7
		50	28		24.4		0	25.7	50	28		24.4		0	25.7
	QPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7
		1	104		24.5		0	25.7	1	104		24.5		0	25.7
		50	28		24.4		0	25.7	50	28		24.4		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				164300	166300	168300	MPR	Tune-up Limit			164300	166300	168300	MPR	Tune-up Limit
				821.5 MHz	831.5 MHz	841.5 MHz					821.5 MHz	831.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1	24.6	24.5	24.5	0	25.7	1	1	24.6	24.5	24.5	0	25.7
		1	77	24.6	24.5	24.5	0	25.7	1	77	24.6	24.5	24.5	0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				163800	166300	168800	MPR	Tune-up Limit			163800	166300	168800	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz					819 MHz	831.5 MHz	844 MHz		
10	π/2 BPSK	1	1	24.5	24.5	24.5	0	25.7	1	1	24.5	24.5	24.5	0	25.7
		1	50	24.5	24.5	24.5	0	25.7	1	50	24.5	24.5	24.5	0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				163300	166300	169300	MPR	Tune-up Limit			163300	166300	169300	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz					816.5 MHz	831.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1	24.5	24.5	24.5	0	25.7	1	1	24.5	24.5	24.5	0	25.7
		1	23	24.4	24.5	24.5	0	25.7	1	23	24.4	24.5	24.5	0	25.7

NR Band 26 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				164800	166300	167800	MPR	Tune-up Limit			164800	166300	167800	MPR	Tune-up Limit
				824 MHz	831.5 MHz	839 MHz					824 MHz	831.5 MHz	839 MHz		
20	π/2 BPSK	1	1		23.9		0	25.2	1	1		23.9		0	25.2
		1	104		23.8		0	25.2	1	104		23.8		0	25.2
		50	28		23.7		0	25.2	50	28		23.7		0	25.2
	QPSK	1	1		24.0		0	25.2	1	1		24.0		0	25.2
		1	104		23.8		0	25.2	1	104		23.8		0	25.2
		50	28		23.8		0	25.2	50	28		23.8		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				164300	166300	168300	MPR	Tune-up Limit			164300	166300	168300	MPR	Tune-up Limit
				821.5 MHz	831.5 MHz	841.5 MHz					821.5 MHz	831.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1	24.0	24.0	23.8	0	25.2	1	1	24.0	24.0	23.8	0	25.2
		1	77	24.0	23.8	23.8	0	25.2	1	77	24.0	23.8	23.8	0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				163800	166300	168800	MPR	Tune-up Limit			163800	166300	168800	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz					819 MHz	831.5 MHz	844 MHz		
10	π/2 BPSK	1	1	23.9	23.8	23.8	0	25.2	1	1	23.9	23.8	23.8	0	25.2
		1	50	23.9	23.8	23.8	0	25.2	1	50	23.9	23.8	23.8	0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				163300	166300	169300	MPR	Tune-up Limit			163300	166300	169300	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz					816.5 MHz	831.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1	23.9	23.8	23.8	0	25.2	1	1	23.9	23.8	23.8	0	25.2
		1	23	23.8	23.8	23.8	0	25.2	1	23	23.8	23.8	23.8	0	25.2

NR Band 30 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				462000	462000	462000	MFR	Tune-up Limit			462000	462000	462000	MFR	Tune-up Limit
				2310 MHz	2310 MHz	2310 MHz					2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		24.5		0	25.2	1	1		18.6		0	19.9
		1	50		24.4		0	25.2	1	50		18.6		0	19.9
		25	14		24.4		0	25.2	25	14		18.5		0	19.9
	QPSK	1	1		24.5		0	25.2	1	1		18.5		0	19.9
		1	50		24.4		0	25.2	1	50		18.3		0	19.9
		25	14		24.4		0	25.2	25	14		18.5		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				461500	462000	462500	MFR	Tune-up Limit			461500	462000	462500	MFR	Tune-up Limit
				2307.5 MHz	2310 MHz	2312.5 MHz					2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		24.5		0	25.2	1	1		18.4		0	19.9
		1	23		24.3		0	25.2	1	23		18.4		0	19.9

NR Band 30 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				462000	462000	462000	MPR	Tune-up Limit			462000	462000	462000	MPR	Tune-up Limit
				2310 MHz	2310 MHz	2310 MHz					2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		20.0		0	21.3	1	1		20.5		0	21.6
		1	50		19.9		0	21.3	1	50		20.5		0	21.6
		25	14		19.9		0	21.3	25	14		20.5		0	21.6
	QPSK	1	1		19.9		0	21.3	1	1		20.5		0	21.6
		1	50		19.8		0	21.3	1	50		20.5		0	21.6
		25	14		19.8		0	21.3	25	14		20.4		0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				461500	462000	462500	MPR	Tune-up Limit			461500	462000	462500	MPR	Tune-up Limit
				2307.5 MHz	2310 MHz	2312.5 MHz					2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		19.8		0	21.3	1	1		20.4		0	21.6
		1	23		19.8		0	21.3	1	23		20.4		0	21.6

NR Band 30 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				462000	462000	462000	MPR	Tune-up Limit			462000	462000	462000	MPR	Tune-up Limit
				2310 MHz	2310 MHz	2310 MHz					2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		23.1		0	24.5	1	1		20.3		0	21.7
		1	50		23.0		0	24.5	1	50		20.3		0	21.7
		25	14		23.1		0	24.5	25	14		20.3		0	21.7
	QPSK	1	1		23.2		0	24.5	1	1		20.4		0	21.7
		1	50		23.2		0	24.5	1	50		20.3		0	21.7
		25	14		23.1		0	24.5	25	14		20.3		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				461500	462000	462500	MPR	Tune-up Limit			461500	462000	462500	MPR	Tune-up Limit
				2307.5 MHz	2310 MHz	2312.5 MHz					2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		23.2		0	24.5	1	1		20.4		0	21.7
		1	23		23.2		0	24.5	1	23		20.4		0	21.7

NR Band 30 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				462000	462000	462000	MPR	Tune-up Limit			462000	462000	462000	MPR	Tune-up Limit
				2310 MHz	2310 MHz	2310 MHz					2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		17.9		0	19.2	1	1		20.1		0	21.3
		1	50		17.6		0	19.2	1	50		19.9		0	21.3
		25	14		17.7		0	19.2	25	14		20.0		0	21.3
	QPSK	1	1		17.6		0	19.2	1	1		20.1		0	21.3
		1	50		17.6		0	19.2	1	50		20.0		0	21.3
		25	14		17.6		0	19.2	25	14		20.0		0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				461500	462000	462500	MPR	Tune-up Limit			461500	462000	462500	MPR	Tune-up Limit
				2307.5 MHz	2310 MHz	2312.5 MHz					2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		17.6		0	19.2	1	1		19.9		0	21.3
		1	23		17.5		0	19.2	1	23		19.9		0	21.3

NR Band 41 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)							MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)							MFR	Tune-up Limit
				509202	510000	513900	518598	523302	527994						509202	510000	513900	518598	523302	527994			
100	11/2 BPSK	1	1	2546.01 MHz	2550 MHz	2569.5 MHz	2582.99 MHz	2616.51 MHz	2639.97 MHz		0	25.7	1	1	2546.01 MHz	2550 MHz	2569.5 MHz	2582.99 MHz	2616.51 MHz	2639.97 MHz		0	20
		1	271				24.3				0	25.7	1	271				19.3				0	20
		135	69				24.2				0	25.7	135	69				19.1				0	20
	QPSK	1	1				24.4				0	25.7	1	1				19.4				0	20
		1	271				24.4				0	25.7	1	271				19.4				0	20
		135	69				24.2				0	25.7	135	69				19.3				0	20
90	11/2 BPSK	1	1	508200	509004	513402	518598	523800	528996		0	25.7	1	1	508200	509004	513402	518598	523800	528996		0	20
		1	243	2541 MHz	2545.02 MHz	2567.01 MHz	2582.99 MHz	2619 MHz	2644.98 MHz		0	25.7	1	243	2541 MHz	2545.02 MHz	2567.01 MHz	2582.99 MHz	2619 MHz	2644.98 MHz		0	20
							24.5				0	25.7						19.3				0	20
80	11/2 BPSK	1	1	507204	508002	512904	518598	524298	529992		0	25.7	1	1	507204	508002	512904	518598	524298	529992		0	20
		1	215	2536.02 MHz	2540.01 MHz	2564.52 MHz	2582.99 MHz	2621.49 MHz	2649.96 MHz		0	25.7	1	215	2536.02 MHz	2540.01 MHz	2564.52 MHz	2582.99 MHz	2621.49 MHz	2649.96 MHz		0	20
							24.5				0	25.7						19.6				0	20
70	11/2 BPSK	1	1	506202	507000	512400	518598	524802	530994		0	25.7	1	1	506202	507000	512400	518598	524802	530994		0	20
		1	187	2531.01 MHz	2535 MHz	2562 MHz	2582.99 MHz	2624.01 MHz	2654.97 MHz		0	25.7	1	187	2531.01 MHz	2535 MHz	2562 MHz	2582.99 MHz	2624.01 MHz	2654.97 MHz		0	20
							24.3				0	25.7						19.5				0	20
60	11/2 BPSK	1	1	505200	506004	511902	518598	525300	531996		0	25.7	1	1	505200	506004	511902	518598	525300	531996		0	20
		1	160	2526 MHz	2530.02 MHz	2559.51 MHz	2582.99 MHz	2626.5 MHz	2659.96 MHz		0	25.7	1	160	2526 MHz	2530.02 MHz	2559.51 MHz	2582.99 MHz	2626.5 MHz	2659.96 MHz		0	20
							24.4				0	25.7						19.4				0	20
50	11/2 BPSK	1	1	504204	505002	511404	518598	525798	532992		0	25.7	1	1	504204	505002	511404	518598	525798	532992		0	20
		1	131	2521.02 MHz	2525.01 MHz	2557.02 MHz	2582.99 MHz	2628.99 MHz	2664.96 MHz		0	25.7	1	131	2521.02 MHz	2525.01 MHz	2557.02 MHz	2582.99 MHz	2628.99 MHz	2664.96 MHz		0	20
							24.4				0	25.7						19.6				0	20
40	11/2 BPSK	1	1	503202	504000	510900	518598	526302	533994		0	25.7	1	1	503202	504000	510900	518598	526302	533994		0	20
		1	104	2516.01 MHz	2520 MHz	2554.5 MHz	2582.99 MHz	2631.51 MHz	2669.97 MHz		0	25.7	1	104	2516.01 MHz	2520 MHz	2554.5 MHz	2582.99 MHz	2631.51 MHz	2669.97 MHz		0	20
							24.4				0	25.7						19.5				0	20
30	11/2 BPSK	1	1	502200	503004	510402	518598	526800	534996		0	25.7	1	1	502200	503004	510402	518598	526800	534996		0	20
		1	76	2511 MHz	2515.02 MHz	2552.01 MHz	2582.99 MHz	2634 MHz	2674.98 MHz		0	25.7	1	76	2511 MHz	2515.02 MHz	2552.01 MHz	2582.99 MHz	2634 MHz	2674.98 MHz		0	20
							24.6				0	25.7						19.6				0	20
20	11/2 BPSK	1	1	501204	502002	509904	518598	527298	535992		0	25.7	1	1	501204	502002	509904	518598	527298	535992		0	20
		1	49	2506.02 MHz	2510.01 MHz	2549.52 MHz	2582.99 MHz	2636.49 MHz	2679.96 MHz		0	25.7	1	49	2506.02 MHz	2510.01 MHz	2549.52 MHz	2582.99 MHz	2636.49 MHz	2679.96 MHz		0	20
							24.7				0	25.7						19.8				0	20
15	11/2 BPSK	1	1	500700	501504	509652	518598	527550	536496		0	25.7	1	1	500700	501504	509652	518598	527550	536496		0	20
		1	36	2503.5 MHz	2507.52 MHz	2548.26 MHz	2582.99 MHz	2637.75 MHz	2682.48 MHz		0	25.7	1	36	2503.5 MHz	2507.52 MHz	2548.26 MHz	2582.99 MHz	2637.75 MHz	2682.48 MHz		0	20
							24.5				0	25.7						19.3				0	20
10	11/2 BPSK	1	1	500202	501000	509400	518598	527802	536994		0	25.7	1	1	500202	501000	509400	518598	527802	536994		0	20
		1	22	2501.01 MHz	2505 MHz	2547 MHz	2582.99 MHz	2639.01 MHz	2684.97 MHz		0	25.7	1	22	2501.01 MHz	2505 MHz	2547 MHz	2582.99 MHz	2639.01 MHz	2684.97 MHz		0	20
							24.5				0	25.7						19.4				0	20

NR Band 41 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				509202 2546.01 MHz	510000 2550 MHz	513900 2569.5 MHz	518598 2592.99 MHz	523302 2616.51 MHz	527994 2639.97 MHz					509202 2546.01 MHz	510000 2550 MHz	513900 2569.5 MHz	518598 2592.99 MHz	523302 2616.51 MHz	527994 2639.97 MHz				
100	π/2 BPSK	1	1				18.5			0	19.5	1	1				18.9			0	20.3		
		1	271				18.2			0	19.5	1	271				18.6			0	20.3		
		135	69				18.2			0	19.5	135	69				18.7			0	20.3		
	QPSK	1	1				18.5			0	19.5	1	1				18.8			0	20.3		
		1	271				18.3			0	19.5	1	271				18.6			0	20.3		
		135	69				18.1			0	19.5	135	69				18.7			0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				508200 2541 MHz	509004 2545.02 MHz	513402 2567.01 MHz	518598 2592.99 MHz	523800 2619 MHz	528996 2644.98 MHz					508200 2541 MHz	509004 2545.02 MHz	513402 2567.01 MHz	518598 2592.99 MHz	523800 2619 MHz	528996 2644.98 MHz				
90	π/2 BPSK	1	1				18.5			0	19.5	1	1				18.9			0	20.3		
		1	243				18.3			0	19.5	1	243				18.8			0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				507204 2536.02 MHz	508002 2540.01 MHz	512904 2564.52 MHz	518598 2592.99 MHz	524298 2621.49 MHz	529992 2649.96 MHz					507204 2536.02 MHz	508002 2540.01 MHz	512904 2564.52 MHz	518598 2592.99 MHz	524298 2621.49 MHz	529992 2649.96 MHz				
80	π/2 BPSK	1	1				18.4			0	19.5	1	1				18.8			0	20.3		
		1	215				18.4			0	19.5	1	215				18.5			0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				506202 2531.01 MHz	507000 2535 MHz	512400 2562 MHz	518598 2592.99 MHz	524802 2624.01 MHz	530994 2654.97 MHz					506202 2531.01 MHz	507000 2535 MHz	512400 2562 MHz	518598 2592.99 MHz	524802 2624.01 MHz	530994 2654.97 MHz				
70	π/2 BPSK	1	1				18.4			0	19.5	1	1				18.7			0	20.3		
		1	187				18.5			0	19.5	1	187				18.7			0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				505200 2526 MHz	506004 2530.02 MHz	511902 2559.51 MHz	518598 2592.99 MHz	525300 2626.5 MHz	531996 2659.98 MHz					505200 2526 MHz	506004 2530.02 MHz	511902 2559.51 MHz	518598 2592.99 MHz	525300 2626.5 MHz	531996 2659.98 MHz				
60	π/2 BPSK	1	1				18.4			0	19.5	1	1				18.8			0	20.3		
		1	160				18.4			0	19.5	1	160				18.8			0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				504204 2521.02 MHz	505002 2525.01 MHz	511404 2557.02 MHz	518598 2592.99 MHz	525798 2628.99 MHz	532992 2664.96 MHz					504204 2521.02 MHz	505002 2525.01 MHz	511404 2557.02 MHz	518598 2592.99 MHz	525798 2628.99 MHz	532992 2664.96 MHz				
50	π/2 BPSK	1	1				18.4			0	19.5	1	1				18.9			0	20.3		
		1	131				18.5			0	19.5	1	131				18.7			0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				503202 2516.01 MHz	504000 2520 MHz	510900 2554.5 MHz	518598 2592.99 MHz	526302 2631.51 MHz	533994 2669.97 MHz					503202 2516.01 MHz	504000 2520 MHz	510900 2554.5 MHz	518598 2592.99 MHz	526302 2631.51 MHz	533994 2669.97 MHz				
40	π/2 BPSK	1	1	18.4	18.4	18.4	18.4	18.5	18.3	0	19.5	1	1	18.7	18.8	18.6	18.7	18.7	18.4	0	20.3		
		1	104	18.4	18.5	18.5	18.4	18.4	18.4	0	19.5	1	104	18.8	18.7	18.6	18.6	18.5	18.5	0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				502200 2511 MHz	503004 2515.02 MHz	510402 2552.01 MHz	518598 2592.99 MHz	526800 2634 MHz	534996 2674.98 MHz					502200 2511 MHz	503004 2515.02 MHz	510402 2552.01 MHz	518598 2592.99 MHz	526800 2634 MHz	534996 2674.98 MHz				
30	π/2 BPSK	1	1	18.4	18.4	18.6	18.5	18.5	18.1	0	19.5	1	1	19.1	19.1	19.1	18.7	18.8	18.6	0	20.3		
		1	76	18.3	18.5	18.5	18.5	18.5	18.4	0	19.5	1	76	19.0	19.0	19.1	18.8	18.9	18.6	0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				501204 2506.02 MHz	502002 2510.01 MHz	509904 2549.52 MHz	518598 2592.99 MHz	527298 2636.49 MHz	535992 2679.96 MHz					501204 2506.02 MHz	502002 2510.01 MHz	509904 2549.52 MHz	518598 2592.99 MHz	527298 2636.49 MHz	535992 2679.96 MHz				
20	π/2 BPSK	1	1	18.5	18.6	18.5	18.5	18.4	18.1	0	19.5	1	1	19.1	19.1	19.0	18.8	18.9	18.6	0	20.3		
		1	49	18.5	18.6	18.6	18.5	18.4	18.4	0	19.5	1	49	19.1	19.1	18.9	18.8	18.8	18.6	0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				500700 2503.5 MHz	501504 2507.52 MHz	509652 2548.26 MHz	518598 2592.99 MHz	527550 2637.75 MHz	536496 2682.48 MHz					500700 2503.5 MHz	501504 2507.52 MHz	509652 2548.26 MHz	518598 2592.99 MHz	527550 2637.75 MHz	536496 2682.48 MHz				
15	π/2 BPSK	1	1	18.6	18.6	18.6	18.5	18.5	18.2	0	19.5	1	1	19.1	19.0	18.9	18.9	18.9	18.7	0	20.3		
		1	36	18.6	18.6	18.6	18.5	18.5	18.2	0	19.5	1	36	19.0	19.0	19.0	18.9	18.8	18.7	0	20.3		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				500202 2501.01 MHz	501000 2505 MHz	509400 2547 MHz	518598 2592.99 MHz	527802 2639.01 MHz	536994 2684.97 MHz					500202 2501.01 MHz	501000 2505 MHz	509400 2547 MHz	518598 2592.99 MHz	527802 2639.01 MHz	536994 2684.97 MHz				
10	π/2 BPSK	1	1	18.7	18.6	18.6	18.5	18.3	18.2	0	19.5	1	1	19.1	19.0	18.9	18.9	18.7	18.7	0	20.3		
		1	22	18.7	18.7	18.6	18.5	18.3	18.2	0	19.5	1	22	19.1	18.9	18.9	18.9	18.7	18.7	0	20.3		

NR Band 41 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)							
				509202 2546.01 MHz	510000 2550 MHz	513900 2569.5 MHz	518598 2592.99 MHz	523302 2616.51 MHz	527994 2639.97 MHz	MFR	Tune-up Limit			509202 2546.01 MHz	510000 2550 MHz	513900 2569.5 MHz	518598 2592.99 MHz	523302 2616.51 MHz	527994 2639.97 MHz	MFR	Tune-up Limit
100	11/2 BPSK	1	1				24.5			0	25.7	1	1				20.7			0	21.5
		1	271				24.5			0	25.7	1	271				20.3			0	21.5
		135	69				24.2			0	25.7	135	69				20.5			0	21.5
	QPSK	1	1				24.5			0	25.7	1	1				20.3			0	21.5
		1	271				24.3			0	25.7	1	271				20.2			0	21.5
		135	69				24.2			0	25.7	135	69				20.1			0	21.5
90	11/2 BPSK	1	1				24.4			0	25.7	1	1				20.2			0	21.5
		1	243				24.3			0	25.7	1	243				20.2			0	21.5
80	11/2 BPSK	1	1				24.5			0	25.7	1	1				20.2			0	21.5
		1	215				24.4			0	25.7	1	215				20.1			0	21.5
70	11/2 BPSK	1	1				24.3			0	25.7	1	1				20.0			0	21.5
		1	187				24.3			0	25.7	1	187				19.9			0	21.5
60	11/2 BPSK	1	1				24.3			0	25.7	1	1				20.1			0	21.5
		1	160				24.3			0	25.7	1	160				20.0			0	21.5
50	11/2 BPSK	1	1				24.4			0	25.7	1	1				20.1			0	21.5
		1	131				24.4			0	25.7	1	131				20.1			0	21.5
40	11/2 BPSK	1	1				24.3			0	25.7	1	1				20.0			0	21.5
		1	104				24.4			0	25.7	1	104				20.1			0	21.5
30	11/2 BPSK	1	1				24.3			0	25.7	1	1				20.0			0	21.5
		1	76				24.4			0	25.7	1	76				20.2			0	21.5
20	11/2 BPSK	1	1				24.1			0	25.7	1	1				20.1			0	21.5
		1	49				24.4			0	25.7	1	49				20.2			0	21.5
15	11/2 BPSK	1	1				24.1			0	25.7	1	1				20.1			0	21.5
		1	36				24.2			0	25.7	1	36				20.3			0	21.5
10	11/2 BPSK	1	1				24.2			0	25.7	1	1				20.1			0	21.5
		1	22				24.4			0	25.7	1	22				20.2			0	21.5

NR Band 41 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				509202	510000	513900	518598	523302	527994	MFR	Tune-up Limit	509202	510000			513900	518598	523302	527994	MFR	Tune-up Limit				
100	11/2 BPSK	1	1	2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz	0	19	1	1	2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz	0	21.3				
		1	271				17.8				0	19	1	271				20.2			0	21.3			
		135	69				17.4				0	19	135	69				19.8			0	21.3			
	QPSK	1	1				17.7				0	19	1	1				20.0			0	21.3			
		1	271				17.4				0	19	1	271				20.1			0	21.3			
		135	69				17.3				0	19	135	69				19.6			0	21.3			
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				508200	509004	513402	518598	523800	528996	MFR	Tune-up Limit			508200	509004	513402	518598	523800	528996	MFR	Tune-up Limit				
90	11/2 BPSK	1	1	2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz	0	19	1	1	2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz	0	21.3				
			243				17.6			0	19	1	243				19.7			0	21.3				
							17.3			0	19	1					20.0			0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				507204	508002	512904	518598	524298	529992	MFR	Tune-up Limit			507204	508002	512904	518598	524298	529992	MFR	Tune-up Limit				
				2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz	0	19	1	1	2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz	0	21.3				
80	11/2 BPSK	1	1				17.5			0	19	1	1				19.9			0	21.3				
			215				17.3			0	19	1	215				19.7			0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				506202	507000	512400	518598	524802	530994	MFR	Tune-up Limit			506202	507000	512400	518598	524802	530994	MFR	Tune-up Limit				
				2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz	0	19	1	1	2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz	0	21.3				
70	11/2 BPSK	1	1				17.5			0	19	1	1				19.8			0	21.3				
			187				17.2			0	19	1	187				19.6			0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				505200	506004	511902	518598	525300	531996	MFR	Tune-up Limit			505200	506004	511902	518598	525300	531996	MFR	Tune-up Limit				
				2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz	0	19	1	1	2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz	0	21.3				
60	11/2 BPSK	1	1				17.6			0	19	1	1				19.9			0	21.3				
			160				17.4			0	19	1	160				19.7			0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				504204	505002	511404	518598	525798	532992	MFR	Tune-up Limit			504204	505002	511404	518598	525798	532992	MFR	Tune-up Limit				
				2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz	0	19	1	1	2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz	0	21.3				
50	11/2 BPSK	1	1				17.6			0	19	1	1				19.8			0	21.3				
			131				17.5			0	19	1	131				19.8			0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				503202	504000	510900	518598	526302	533994	MFR	Tune-up Limit			503202	504000	510900	518598	526302	533994	MFR	Tune-up Limit				
				2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz	0	19	1	1	2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz	0	21.3				
40	11/2 BPSK	1	1	17.3	17.5	17.7	17.4	17.2	17.1	0	19	1	1	19.7	20.0	19.9	19.8	19.9	19.8	0	21.3				
			104	17.7	17.7	17.6	17.3	17.2	17.1	0	19	1	104	20.0	19.9	20.0	19.9	20.1	20.0	0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				502200	503004	510402	518598	526800	534996	MFR	Tune-up Limit			502200	503004	510402	518598	526800	534996	MFR	Tune-up Limit				
				2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz	0	19	1	1	2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz	0	21.3				
30	11/2 BPSK	1	1	17.5	17.7	17.7	17.5	17.3	17.3	0	19	1	1	19.8	20.0	20.1	19.7	19.6	19.6	0	21.3				
			76	17.8	17.8	17.6	17.4	17.3	17.2	0	19	1	76	20.2	20.1	20.0	19.9	19.7	19.6	0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				501204	502002	509904	518598	527298	535992	MFR	Tune-up Limit			501204	502002	509904	518598	527298	535992	MFR	Tune-up Limit				
				2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz	0	19	1	1	2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz	0	21.3				
20	11/2 BPSK	1	1	17.4	17.6	17.8	17.5	17.3	17.3	0	19	1	1	19.9	20.0	20.0	19.8	19.7	19.6	0	21.3				
			49	17.8	17.8	17.7	17.5	17.3	17.3	0	19	1	49	20.2	20.2	20.1	19.8	19.6	19.6	0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				500700	501504	509652	518598	527550	536496	MFR	Tune-up Limit			500700	501504	509652	518598	527550	536496	MFR	Tune-up Limit				
				2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz	0	19	1	1	2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz	0	21.3				
15	11/2 BPSK	1	1	17.4	17.6	17.8	17.5	17.4	17.3	0	19	1	1	19.8	20.0	20.2	19.8	19.8	19.7	0	21.3				
			36	17.8	17.8	17.8	17.5	17.4	17.4	0	19	1	36	20.2	20.2	20.2	19.9	19.7	19.7	0	21.3				
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										RB Allocation	RB offset	Mode B Power (dBm)									
				500202	501000	509400	518598	527802	536994	MFR	Tune-up Limit			500202	501000	509400	518598	527802	536994	MFR	Tune-up Limit				
				2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz	0	19	1	1	2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz	0	21.3				
10	11/2 BPSK	1	1	17.5	17.7	17.9	17.6	17.4	17.4	0	19	1	1	19.8	20.0	20.2	19.9	19.8	19.7	0	21.3				
			22	17.8	17.9	17.9	17.6	17.4	17.4	0	19	1	22	20.1	20.1	20.2	19.9	19.7	19.7	0	21.3				

NR Band 48 Measured Results (ANT7)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				638002	640446	642890	645332	MFR	Tune-up Limit			638002	640446	642890	645332	MFR	Tune-up Limit
40	$\pi/2$ BPSK	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	26	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	20.1
		1	104			24.4		0	26	1	104			18.6		0	20.1
		50	28			24.4		0	26	50	28			18.6		0	20.1
	QPSK	1	1			24.4		0	26	1	1			18.5		0	20.1
		1	104			24.5		0	26	1	104			18.6		0	20.1
		50	28			24.5		0	26	50	28			18.6		0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637668	640334	643000	645666	MFR	Tune-up Limit			637668	640334	643000	645666	MFR	Tune-up Limit
30	$\pi/2$ BPSK	1	1	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	26	1	1	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	20.1
		1	76	24.4	24.5	24.4	24.6	0	26	1	76	18.5	18.6	18.5	18.7	0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637336	640224	643112	645998	MFR	Tune-up Limit			637336	640224	643112	645998	MFR	Tune-up Limit
20	$\pi/2$ BPSK	1	1	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	26	1	1	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	20.1
		1	49	24.5	24.5	24.6	24.6	0	26	1	49	18.6	18.7	18.7	18.7	0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637168	640168	643168	646166	MFR	Tune-up Limit			637168	640168	643168	646166	MFR	Tune-up Limit
15	$\pi/2$ BPSK	1	1	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	26	1	1	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	20.1
		1	36	24.5	24.5	24.7	24.7	0	26	1	36	18.6	18.8	18.8	18.8	0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637002	640112	643224	646332	MFR	Tune-up Limit			637002	640112	643224	646332	MFR	Tune-up Limit
10	$\pi/2$ BPSK	1	1	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	26	1	1	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	20.1
		1	22	24.5	24.6	24.7	24.7	0	26	1	22	18.6	18.8	18.7	18.8	0	20.1

NR Band 48 Measured Results (ANT8)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				638002	640446	642890	645332	MFR	Tune-up Limit			638002	640446	642890	645332	MFR	Tune-up Limit
40	$\pi/2$ BPSK	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	22	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	21.3
		1	104			20.3		0	22	1	104			19.8		0	21.3
		50	28			20.4		0	22	50	28			19.9		0	21.3
	QPSK	1	1			20.4		0	22	1	1			19.9		0	21.3
		1	104			20.3		0	22	1	104			19.8		0	21.3
		50	28			20.4		0	22	50	28			19.9		0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637668	640334	643000	645666	MFR	Tune-up Limit			637668	640334	643000	645666	MFR	Tune-up Limit
30	$\pi/2$ BPSK	1	1	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	22	1	1	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	21.3
		1	76	20.4	20.4	20.4	20.5	0	22	1	76	20.0	19.9	19.9	20.0	0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637336	640224	643112	645998	MFR	Tune-up Limit			637336	640224	643112	645998	MFR	Tune-up Limit
20	$\pi/2$ BPSK	1	1	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	22	1	1	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	21.3
		1	49	20.6	20.5	20.5	20.5	0	22	1	49	20.1	20.0	19.9	20.0	0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637168	640168	643168	646166	MFR	Tune-up Limit			637168	640168	643168	646166	MFR	Tune-up Limit
15	$\pi/2$ BPSK	1	1	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	22	1	1	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	21.3
		1	36	20.6	20.5	20.6	20.7	0	22	1	36	20.1	20.0	20.1	20.2	0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				637002	640112	643224	646332	MFR	Tune-up Limit			637002	640112	643224	646332	MFR	Tune-up Limit
10	$\pi/2$ BPSK	1	1	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	22	1	1	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	21.3
		1	22	20.6	20.6	20.6	20.6	0	22	1	22	20.1	20.1	20.1	20.1	1	20.3

NR Band 48 Measured Results (ANT9)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				638002	640446	642890	645332	MFR	Tune-up Limit			638002	640446	642890	645332	MFR	Tune-up Limit
40	$\pi/2$ BPSK	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	25.5	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	20.5
		1	104			23.8		0	25.5	1	104			19.6		0	20.5
		50	28			23.8		0	25.5	50	28			19.7		0	20.5
	QPSK	1	1			24.0		0	25.5	1	1			19.5		0	20.5
		1	104			24.0		0	25.5	1	104			19.6		0	20.5
		50	28			24.0		0	25.5	50	28			19.6		0	20.5
30	$\pi/2$ BPSK	1	1	637668	640334	643000	645666	0	25.5	1	1	637668	640334	643000	645666	0	20.5
		1	76	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	25.5	1	76	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	20.5
20	$\pi/2$ BPSK	1	1	637336	640224	643112	645998	0	25.5	1	1	637336	640224	643112	645998	0	20.5
		1	49	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	25.5	1	49	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	20.5
15	$\pi/2$ BPSK	1	1	637168	640168	643168	646166	0	25.5	1	1	637168	640168	643168	646166	0	20.5
		1	36	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	25.5	1	36	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	20.5
10	$\pi/2$ BPSK	1	1	637002	640112	643224	646332	0	25.5	1	1	637002	640112	643224	646332	0	20.5
		1	22	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	25.5	1	22	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	20.5

NR Band 48 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						RB Allocation	RB offset	Mode B Power (dBm)					
				638002	640446	642890	645332	MFR	Tune-up Limit			638002	640446	642890	645332	MFR	Tune-up Limit
40	$\pi/2$ BPSK	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	21.5	1	1	3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz	0	23.5
		1	104			20.2		0	21.5	1	104			21.7		0	23.5
		50	28			20.2		0	21.5	50	28			21.7		0	23.5
	QPSK	1	1			20.1		0	21.5	1	1			21.5		0	23.5
		1	104			20.0		0	21.5	1	104			21.5		0	23.5
		50	28			20.0		0	21.5	50	28			21.5		0	23.5
30	$\pi/2$ BPSK	1	1	637668	640334	643000	645666	0	21.5	1	1	637668	640334	643000	645666	0	23.5
		1	76	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	21.5	1	76	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	23.5
20	$\pi/2$ BPSK	1	1	637336	640224	643112	645998	0	21.5	1	1	637336	640224	643112	645998	0	23.5
		1	49	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	21.5	1	49	3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz	0	23.5
15	$\pi/2$ BPSK	1	1	637168	640168	643168	646166	0	21.5	1	1	637168	640168	643168	646166	0	23.5
		1	36	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	21.5	1	36	3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz	0	23.5
10	$\pi/2$ BPSK	1	1	637002	640112	643224	646332	0	21.5	1	1	637002	640112	643224	646332	0	23.5
		1	22	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	21.5	1	22	3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz	0	23.5

NR Band 53 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				497700	497860	498000	MPR	Tune-up Limit			497700	497860	498000	MPR	Tune-up Limit
				2488.5 MHz	2489.3 MHz	2490 MHz					2488.5 MHz	2489.3 MHz	2490 MHz		
10	$\pi/2$ BPSK	1	1		19.0		0	20.7	1	1		19.0		0	19.7
		1	22		19.0		0	20.7	1	22		19.0		0	19.7
		12	6		18.9		0	20.7	12	6		18.9		0	19.7
	QPSK	1	1		19.1		0	20.7	1	1		19.1		0	19.7
		1	22		19.0		0	20.7	1	22		19.0		0	19.7
		12	6		19.0		0	20.7	12	6		19.0		0	19.7

NR Band 53 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				497700	497860	498000	MPR	Tune-up Limit			497700	497860	498000	MPR	Tune-up Limit
				2488.5 MHz	2489.3 MHz	2490 MHz					2488.5 MHz	2489.3 MHz	2490 MHz		
10	$\pi/2$ BPSK	1	1		19.1		0	20.7	1	1		19.1		0	20.7
		1	22		19.1		0	20.7	1	22		19.1		0	20.7
		12	6		19.2		0	20.7	12	6		19.2		0	20.7
	QPSK	1	1		19.0		0	20.7	1	1		19.0		0	20.7
		1	22		19.0		0	20.7	1	22		19.0		0	20.7
		12	6		19.0		0	20.7	12	6		19.0		0	20.7

NR Band 66 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				346500	349000	351500	MPR	Tune-up Limit			346500	349000	351500	MPR	Tune-up Limit	
				1732.5 MHz	1745 MHz	1757.5 MHz					1732.5 MHz	1745 MHz	1757.5 MHz			
45	π/2 BPSK	1	1		24.2		0	25.7	1	1		19.8		0	20	
		1	240		24.0		0	25.7	1	240		19.6		0	20	
		120	61		24.0		0	25.7	120	61		19.8		0	20	
	QPSK	1	1		24.0		0	25.7	1	1		19.5		0	20	
		1	240		24.0		0	25.7	1	240		19.5		0	20	
		120	61		24.0		0	25.7	120	61		19.3		0	20	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				346000	349000	352000	MPR	Tune-up Limit			346000	349000	352000	MPR	Tune-up Limit	
				1730 MHz	1745 MHz	1760 MHz					1730 MHz	1745 MHz	1760 MHz			
40	π/2 BPSK	1	1		23.8		0	25.7	1	1		19.5		0	20	
		1	214		23.8		0	25.7	1	214		19.4		0	20	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				345500	349000	352500	MPR	Tune-up Limit			345500	349000	352500	MPR	Tune-up Limit	
				1727.5 MHz	1745 MHz	1762.5 MHz					1727.5 MHz	1745 MHz	1762.5 MHz			
35	π/2 BPSK	1	1		23.7		0	25.7	1	1		19.3		0	20	
		1	186		23.7		0	25.7	1	186		19.2		0	20	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				345000	349000	353000	MPR	Tune-up Limit			345000	349000	353000	MPR	Tune-up Limit	
				1725 MHz	1745 MHz	1765 MHz					1725 MHz	1745 MHz	1765 MHz			
30	π/2 BPSK	1	1		24.0		0	25.7	1	1		19.3		0	20	
		1	158		23.9		0	25.7	1	158		19.4		0	20	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				344500	349000	353500	MPR	Tune-up Limit			344500	349000	353500	MPR	Tune-up Limit	
				1722.5 MHz	1745 MHz	1767.5 MHz					1722.5 MHz	1745 MHz	1767.5 MHz			
25	π/2 BPSK	1	1		24.0		0	25.7	1	1		19.4		0	20	
		1	131		24.0		0	25.7	1	131		19.3		0	20	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				344000	349000	354000	MPR	Tune-up Limit			344000	349000	354000	MPR	Tune-up Limit	
				1720 MHz	1745 MHz	1770 MHz					1720 MHz	1745 MHz	1770 MHz			
20	π/2 BPSK	1	1		23.9	23.8	0	25.7	1	1		19.5	19.4	19.4	0	20
		1	104		23.9	23.8	0	25.7	1	104		19.5	19.5	19.5	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				343500	349000	354500	MPR	Tune-up Limit			343500	349000	354500	MPR	Tune-up Limit	
				1717.5 MHz	1745 MHz	1772.5 MHz					1717.5 MHz	1745 MHz	1772.5 MHz			
15	π/2 BPSK	1	1		24.0	24.0	0	25.7	1	1		19.6	19.6	19.4	0	20
		1	77		24.0	24.0	0	25.7	1	77		19.6	19.5	19.5	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				343000	349000	355000	MPR	Tune-up Limit			343000	349000	355000	MPR	Tune-up Limit	
				1715 MHz	1745 MHz	1775 MHz					1715 MHz	1745 MHz	1775 MHz			
10	π/2 BPSK	1	1		23.9	23.9	0	25.7	1	1		19.5	19.5	19.5	0	20
		1	50		23.9	23.9	0	25.7	1	50		19.5	19.5	19.5	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				342500	349000	355500	MPR	Tune-up Limit			342500	349000	355500	MPR	Tune-up Limit	
				1712.5 MHz	1745 MHz	1777.5 MHz					1712.5 MHz	1745 MHz	1777.5 MHz			
5	π/2 BPSK	1	1		23.9	23.9	0	25.7	1	1		19.5	19.4	19.4	0	20
		1	23		23.8	23.9	0	25.7	1	23		19.5	19.4	19.4	0	20

NR Band 66 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				346500	349000	351500	MPR	Tune-up Limit			346500	349000	351500	MPR	Tune-up Limit
				1732.5 MHz	1745 MHz	1757.5 MHz					1732.5 MHz	1745 MHz	1757.5 MHz		
45	π/2 BPSK	1	1		17.4		0	18.8	1	1		17.3		0	18.7
		1	240		17.3		0	18.8	1	240		17.2		0	18.7
		120	61		17.3		0	18.8	120	61		17.2		0	18.7
	QPSK	1	1		17.1		0	18.8	1	1		16.9		0	18.7
		1	240		17.1		0	18.8	1	240		17.0		0	18.7
		120	61		17.0		0	18.8	120	61		16.7		0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				346000	349000	352000	MPR	Tune-up Limit			346000	349000	352000	MPR	Tune-up Limit
				1730 MHz	1745 MHz	1760 MHz					1730 MHz	1745 MHz	1760 MHz		
40	π/2 BPSK	1	1		17.0		0	18.8	1	1		16.8		0	18.7
		1	214		17.1		0	18.8	1	214		16.8		0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				345500	349000	352500	MPR	Tune-up Limit			345500	349000	352500	MPR	Tune-up Limit
				1727.5 MHz	1745 MHz	1762.5 MHz					1727.5 MHz	1745 MHz	1762.5 MHz		
35	π/2 BPSK	1	1		17.0		0	18.8	1	1		16.8		0	18.7
		1	186		17.0		0	18.8	1	186		16.7		0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				345000	349000	353000	MPR	Tune-up Limit			345000	349000	353000	MPR	Tune-up Limit
				1725 MHz	1745 MHz	1765 MHz					1725 MHz	1745 MHz	1765 MHz		
30	π/2 BPSK	1	1		17.2		0	18.8	1	1		16.8		0	18.7
		1	158		17.2		0	18.8	1	158		16.9		0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				344500	349000	353500	MPR	Tune-up Limit			344500	349000	353500	MPR	Tune-up Limit
				1722.5 MHz	1745 MHz	1767.5 MHz					1722.5 MHz	1745 MHz	1767.5 MHz		
25	π/2 BPSK	1	1		17.2		0	18.8	1	1		16.9		0	18.7
		1	131		17.2		0	18.8	1	131		16.8		0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				344000	349000	354000	MPR	Tune-up Limit			344000	349000	354000	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz					1720 MHz	1745 MHz	1770 MHz		
20	π/2 BPSK	1	1	17.2	17.1	17.1	0	18.8	1	1	16.9	16.8	16.9	0	18.7
		1	104	17.1	17.2	17.3	0	18.8	1	104	16.9	16.8	16.9	0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				343500	349000	354500	MPR	Tune-up Limit			343500	349000	354500	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz					1717.5 MHz	1745 MHz	1772.5 MHz		
15	π/2 BPSK	1	1	17.3	17.2	17.3	0	18.8	1	1	17.0	16.9	17.1	0	18.7
		1	77	17.2	17.2	17.3	0	18.8	1	77	16.9	16.9	17.0	0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				343000	349000	355000	MPR	Tune-up Limit			343000	349000	355000	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz					1715 MHz	1745 MHz	1775 MHz		
10	π/2 BPSK	1	1	17.2	17.2	17.3	0	18.8	1	1	16.9	16.9	17.0	0	18.7
		1	50	17.2	17.2	17.3	0	18.8	1	50	16.9	16.9	17.0	0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				342500	349000	355500	MPR	Tune-up Limit			342500	349000	355500	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz					1712.5 MHz	1745 MHz	1777.5 MHz		
5	π/2 BPSK	1	1	17.2	17.2	17.3	0	18.8	1	1	16.8	16.7	16.9	0	18.7
		1	23	17.1	17.1	17.2	0	18.8	1	23	16.8	16.8	16.9	0	18.7

NR Band 66 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				346500	349000	351500	MPR	Tune-up Limit			346500	349000	351500	MPR	Tune-up Limit
				1732.5 MHz	1745 MHz	1757.5 MHz					1732.5 MHz	1745 MHz	1757.5 MHz		
45	π/2 BPSK	1	1		23.9		0	25.7	1	1		21.1		0	22.8
		1	240		23.9		0	25.7	1	240		21.3		0	22.8
		120	61		23.8		0	25.7	120	61		20.9		0	22.8
	QPSK	1	1		24.0		0	25.7	1	1		20.8		0	22.8
		1	240		23.9		0	25.7	1	240		20.8		0	22.8
		120	61		23.9		0	25.7	120	61		20.8		0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				346000	349000	352000	MPR	Tune-up Limit			346000	349000	352000	MPR	Tune-up Limit
				1730 MHz	1745 MHz	1760 MHz					1730 MHz	1745 MHz	1760 MHz		
40	π/2 BPSK	1	1		24.0		0	25.7	1	1		20.8		0	22.8
		1	214		23.9		0	25.7	1	214		20.8		0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				345500	349000	352500	MPR	Tune-up Limit			345500	349000	352500	MPR	Tune-up Limit
				1727.5 MHz	1745 MHz	1762.5 MHz					1727.5 MHz	1745 MHz	1762.5 MHz		
35	π/2 BPSK	1	1		23.9		0	25.7	1	1		20.8		0	22.8
		1	186		23.9		0	25.7	1	186		20.8		0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				345000	349000	353000	MPR	Tune-up Limit			345000	349000	353000	MPR	Tune-up Limit
				1725 MHz	1745 MHz	1765 MHz					1725 MHz	1745 MHz	1765 MHz		
30	π/2 BPSK	1	1		24.0		0	25.7	1	1		20.8		0	22.8
		1	158		24.0		0	25.7	1	158		20.8		0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				344500	349000	353500	MPR	Tune-up Limit			344500	349000	353500	MPR	Tune-up Limit
				1722.5 MHz	1745 MHz	1767.5 MHz					1722.5 MHz	1745 MHz	1767.5 MHz		
25	π/2 BPSK	1	1		24.0		0	25.7	1	1		20.8		0	22.8
		1	131		23.9		0	25.7	1	131		20.8		0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				344000	349000	354000	MPR	Tune-up Limit			344000	349000	354000	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz					1720 MHz	1745 MHz	1770 MHz		
20	π/2 BPSK	1	1	24.0	24.0	24.0	0	25.7	1	1	20.8	20.8	20.8	0	22.8
		1	104	23.9	24.0	23.9	0	25.7	1	104	20.8	20.8	20.8	0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				343500	349000	354500	MPR	Tune-up Limit			343500	349000	354500	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz					1717.5 MHz	1745 MHz	1772.5 MHz		
15	π/2 BPSK	1	1	24.1	24.1	24.0	0	25.7	1	1	20.9	20.8	20.9	0	22.8
		1	77	24.1	24.0	24.2	0	25.7	1	77	20.8	20.8	20.8	0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				343000	349000	355000	MPR	Tune-up Limit			343000	349000	355000	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz					1715 MHz	1745 MHz	1775 MHz		
10	π/2 BPSK	1	1	24.0	24.0	24.2	0	25.7	1	1	20.8	20.8	20.8	0	22.8
		1	50	23.8	23.8	23.8	0	25.7	1	50	20.8	20.8	20.8	0	22.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				342500	349000	355500	MPR	Tune-up Limit			342500	349000	355500	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz					1712.5 MHz	1745 MHz	1777.5 MHz		
5	π/2 BPSK	1	1	23.8	23.8	23.7	0	25.7	1	1	20.8	20.8	20.8	0	22.8
		1	23	23.8	23.9	23.9	0	25.7	1	23	20.8	20.8	20.8	0	22.8

NR Band 66 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				346500	349000	351500	MPR	Tune-up Limit			346500	349000	351500	MPR	Tune-up Limit
				1732.5 MHz	1745 MHz	1757.5 MHz					1732.5 MHz	1745 MHz	1757.5 MHz		
45	π/2 BPSK	1	1		17.9		0	19.3	1	1		20.1		0	21.6
		1	240		17.7		0	19.3	1	240		20.0		0	21.6
		120	61		17.7		0	19.3	120	61		20.0		0	21.6
	QPSK	1	1		17.8		0	19.3	1	1		20.2		0	21.6
		1	240		17.8		0	19.3	1	240		20.1		0	21.6
		120	61		17.6		0	19.3	120	61		20.0		0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				346000	349000	352000	MPR	Tune-up Limit			346000	349000	352000	MPR	Tune-up Limit
				1730 MHz	1745 MHz	1760 MHz					1730 MHz	1745 MHz	1760 MHz		
40	π/2 BPSK	1	1		17.7		0	19.3	1	1		20.1		0	21.6
		1	214		17.8		0	19.3	1	214		20.0		0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				345500	349000	352500	MPR	Tune-up Limit			345500	349000	352500	MPR	Tune-up Limit
				1727.5 MHz	1745 MHz	1762.5 MHz					1727.5 MHz	1745 MHz	1762.5 MHz		
35	π/2 BPSK	1	1		17.7		0	19.3	1	1		20.0		0	21.6
		1	186		17.6		0	19.3	1	186		20.0		0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				345000	349000	353000	MPR	Tune-up Limit			345000	349000	353000	MPR	Tune-up Limit
				1725 MHz	1745 MHz	1765 MHz					1725 MHz	1745 MHz	1765 MHz		
30	π/2 BPSK	1	1		17.7		0	19.3	1	1		20.0		0	21.6
		1	158		17.8		0	19.3	1	158		20.0		0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				344500	349000	353500	MPR	Tune-up Limit			344500	349000	353500	MPR	Tune-up Limit
				1722.5 MHz	1745 MHz	1767.5 MHz					1722.5 MHz	1745 MHz	1767.5 MHz		
25	π/2 BPSK	1	1		17.8		0	19.3	1	1		20.1		0	21.6
		1	131		17.8		0	19.3	1	131		20.0		0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				344000	349000	354000	MPR	Tune-up Limit			344000	349000	354000	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz					1720 MHz	1745 MHz	1770 MHz		
20	π/2 BPSK	1	1	17.8	17.8	17.8	0	19.3	1	1	20.1	20.0	20.1	0	21.6
		1	104	17.8	17.8	17.7	0	19.3	1	104	20.1	20.0	20.0	0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				343500	349000	354500	MPR	Tune-up Limit			343500	349000	354500	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz					1717.5 MHz	1745 MHz	1772.5 MHz		
15	π/2 BPSK	1	1	17.9	17.8	17.9	0	19.3	1	1	20.1	20.1	20.2	0	21.6
		1	77	17.8	17.8	17.8	0	19.3	1	77	20.1	20.1	20.1	0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				343000	349000	355000	MPR	Tune-up Limit			343000	349000	355000	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz					1715 MHz	1745 MHz	1775 MHz		
10	π/2 BPSK	1	1	17.8	17.8	17.8	0	19.3	1	1	20.0	20.0	20.1	0	21.6
		1	50	17.8	17.8	17.8	0	19.3	1	50	20.1	20.0	20.1	0	21.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				342500	349000	355500	MPR	Tune-up Limit			342500	349000	355500	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz					1712.5 MHz	1745 MHz	1777.5 MHz		
5	π/2 BPSK	1	1	17.8	17.8	17.8	0	19.3	1	1	20.0	20.0	20.1	0	21.6
		1	23	17.8	17.8	17.8	0	19.3	1	23	20.0	20.0	20.1	0	21.6

NR Band 70 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				340500	340500	340500	MPR	Tune-up Limit			340500	340500	340500	MPR	Tune-up Limit	
				1702.5 MHz	1702.5 MHz	1702.5 MHz					1702.5 MHz	1702.5 MHz	1702.5 MHz			
15	π/2 BPSK	1	1		24.4		0	25.7	1	1		20.0		0	21	
		1	77		24.3		0	25.7	1	77		20.0		0	21	
		36	22		24.4		0	25.7	36	22		19.9		0	21	
	QPSK	1	1		24.2		0	25.7	1	1		20.1		0	21	
		1	77		24.2		0	25.7	1	77		20.0		0	21	
		36	22		24.1		0	25.7	36	22		19.9		0	21	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				340000	340500	341000	MPR	Tune-up Limit			340000	340500	341000	MPR	Tune-up Limit	
				1700 MHz	1702.5 MHz	1705 MHz					1700 MHz	1702.5 MHz	1705 MHz			
10	π/2 BPSK	1	1		24.1		0	25.7	1	1		19.9		0	21	
		1	50		24.1		0	25.7	1	50		19.9		0	21	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				339500	340500	341500	MPR	Tune-up Limit			339500	340500	341500	MPR	Tune-up Limit	
				1697.5 MHz	1702.5 MHz	1707.5 MHz					1697.5 MHz	1702.5 MHz	1707.5 MHz			
5	π/2 BPSK	1	1		24.0		0	25.7	1	1		19.9	19.8	19.7	0	21
		1	23		24.0		0	25.7	1	23		19.9	19.8	19.7	0	21

NR Band 70 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				340500	340500	340500	MPR	Tune-up Limit			340500	340500	340500	MPR	Tune-up Limit	
				1702.5 MHz	1702.5 MHz	1702.5 MHz					1702.5 MHz	1702.5 MHz	1702.5 MHz			
15	π/2 BPSK	1	1		17.4		0	18.8	1	1			18.4		0	19.6
		1	77		17.4		0	18.8	1	77			18.4		0	19.6
		36	22		17.3		0	18.8	36	22			18.3		0	19.6
	QPSK	1	1		17.4		0	18.8	1	1			18.4		0	19.6
		1	77		17.3		0	18.8	1	77			18.3		0	19.6
		36	22		17.2		0	18.8	36	22			18.2		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				340000	340500	341000	MPR	Tune-up Limit			340000	340500	341000	MPR	Tune-up Limit	
				1700 MHz	1702.5 MHz	1705 MHz					1700 MHz	1702.5 MHz	1705 MHz			
10	π/2 BPSK	1	1		17.2		0	18.8	1	1			18.2		0	19.6
		1	50		17.2		0	18.8	1	50			18.2		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				339500	340500	341500	MPR	Tune-up Limit			339500	340500	341500	MPR	Tune-up Limit	
				1697.5 MHz	1702.5 MHz	1707.5 MHz					1697.5 MHz	1702.5 MHz	1707.5 MHz			
5	π/2 BPSK	1	1		17.1		0	18.8	1	1		18.1	18.2	18.2	0	19.6
		1	23		17.2		0	18.8	1	23		18.2	18.2	18.2	0	19.6

NR Band 70 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				340500	340500	340500	MPR	Tune-up Limit			340500	340500	340500	MPR	Tune-up Limit	
				1702.5 MHz	1702.5 MHz	1702.5 MHz					1702.5 MHz	1702.5 MHz	1702.5 MHz			
15	$\pi/2$ BPSK	1	1		24.1		0	25.7	1	1		21.6		0	23	
		1	77		24.0		0	25.7	1	77		21.5		0	23	
		36	22		24.0		0	25.7	36	22		21.5		0	23	
	QPSK	1	1		24.2		0	25.7	1	1		21.8		0	23	
		1	77		24.3		0	25.7	1	77		21.8		0	23	
		36	22		24.3		0	25.7	36	22		21.8		0	23	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				340000	340500	341000	MPR	Tune-up Limit			340000	340500	341000	MPR	Tune-up Limit	
				1700 MHz	1702.5 MHz	1705 MHz					1700 MHz	1702.5 MHz	1705 MHz			
10	$\pi/2$ BPSK	1	1		24.2		0	25.7	1	1		21.8		0	23	
		1	50		24.2		0	25.7	1	50		21.7		0	23	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)					
				339500	340500	341500	MPR	Tune-up Limit			339500	340500	341500	MPR	Tune-up Limit	
				1697.5 MHz	1702.5 MHz	1707.5 MHz					1697.5 MHz	1702.5 MHz	1707.5 MHz			
5	$\pi/2$ BPSK	1	1		24.3	24.2	0	25.7	1	1		21.7	21.7	21.8	0	23
		1	23		24.2	24.2	0	25.7	1	23		21.8	21.7	21.8	0	23

NR Band 70 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				340500	340500	340500	MPR	Tune-up Limit			340500	340500	340500	MPR	Tune-up Limit		
				1702.5 MHz	1702.5 MHz	1702.5 MHz					1702.5 MHz	1702.5 MHz	1702.5 MHz				
15	$\pi/2$ BPSK	1	1		18.0		0	20	1	1		20.8		0	22		
		1	77		18.0		0	20	1	77		20.7		0	22		
		36	22		18.0		0	20	36	22		20.8		0	22		
	QPSK	1	1		18.0		0	20	1	1		20.8		0	22		
		1	77		18.0		0	20	1	77		20.7		0	22		
		36	22		18.0		0	20	36	22		20.7		0	22		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				340000	340500	341000	MPR	Tune-up Limit			340000	340500	341000	MPR	Tune-up Limit		
				1700 MHz	1702.5 MHz	1705 MHz					1700 MHz	1702.5 MHz	1705 MHz				
10	$\pi/2$ BPSK	1	1		18.0		0	20	1	1		20.7		0	22		
		1	50		18.0		0	20	1	50		20.7		0	22		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				339500	340500	341500	MPR	Tune-up Limit			339500	340500	341500	MPR	Tune-up Limit		
				1697.5 MHz	1702.5 MHz	1707.5 MHz					1697.5 MHz	1702.5 MHz	1707.5 MHz				
5	$\pi/2$ BPSK	1	1		18.0	18.0	18.0	0	20	1	1		20.6	20.7	20.7	0	22
		1	23		18.0	18.0	18.0	0	20	1	23		20.6	20.7	20.6	0	22

NR Band 71 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				135600	136100	136600	MPR	Tune-up Limit			135600	136100	136600	MPR	Tune-up Limit
				678 MHz	680.5 MHz	683 MHz					678 MHz	680.5 MHz	683 MHz		
30	π/2 BPSK	1	1		24.6		0	25.7	1	1		24.6		0	25.7
		1	158		24.5		0	25.7	1	158		24.5		0	25.7
		80	40		24.6		0	25.7	80	40		24.6		0	25.7
	QPSK	1	1		24.5		0	25.7	1	1		24.5		0	25.7
		1	158		24.5		0	25.7	1	158		24.5		0	25.7
		80	40		24.3		0	25.7	80	40		24.3		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				134600	136100	137600	MPR	Tune-up Limit			134600	136100	137600	MPR	Tune-up Limit
				673 MHz	680.5 MHz	688 MHz					673 MHz	680.5 MHz	688 MHz		
20	π/2 BPSK	1	1		24.3		0	25.7	1	1		24.3		0	25.7
		1	104		24.3		0	25.7	1	104		24.3		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				134100	136100	138100	MPR	Tune-up Limit			134100	136100	138100	MPR	Tune-up Limit
				670.5 MHz	680.5 MHz	690.5 MHz					670.5 MHz	680.5 MHz	690.5 MHz		
15	π/2 BPSK	1	1		24.4		0	25.7	1	1		24.4		0	25.7
		1	77		24.5		0	25.7	1	77		24.5		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				133600	136100	138600	MPR	Tune-up Limit			133600	136100	138600	MPR	Tune-up Limit
				668 MHz	680.5 MHz	693 MHz					668 MHz	680.5 MHz	693 MHz		
10	π/2 BPSK	1	1	24.4	24.5	24.5	0	25.7	1	1	24.4	24.5	24.5	0	25.7
		1	50	24.5	24.5	24.6	0	25.7	1	50	24.5	24.5	24.6	0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				133100	136100	139100	MPR	Tune-up Limit			133100	136100	139100	MPR	Tune-up Limit
				665.5 MHz	680.5 MHz	695.5 MHz					665.5 MHz	680.5 MHz	695.5 MHz		
5	π/2 BPSK	1	1	24.5	24.6	24.6	0	25.7	1	1	24.5	24.6	24.6	0	25.7
		1	23	24.6	24.5	24.6	0	25.7	1	23	24.6	24.5	24.6	0	25.7

NR Band 71 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				134600	136100	137600	MPR	Tune-up Limit			134600	136100	137600	MPR	Tune-up Limit
				673 MHz	680.5 MHz	688 MHz					673 MHz	680.5 MHz	688 MHz		
20	π/2 BPSK	1	1		23.9		0	25.2	1	1		23.9		0	25.2
		1	104		24.0		0	25.2	1	104		24.0		0	25.2
		50	28		23.9		0	25.2	50	28		23.9		0	25.2
	QPSK	1	1		24.0		0	25.2	1	1		24.0		0	25.2
		1	104		24.0		0	25.2	1	104		24.0		0	25.2
		50	28		23.9		0	25.2	50	28		23.9		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				134100	136100	138100	MPR	Tune-up Limit			134100	136100	138100	MPR	Tune-up Limit
				670.5 MHz	680.5 MHz	690.5 MHz					670.5 MHz	680.5 MHz	690.5 MHz		
15	π/2 BPSK	1	1		24.0		0	25.2	1	1		24.0		0	25.2
		1	77		24.1		0	25.2	1	77		24.1		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				133600	136100	138600	MPR	Tune-up Limit			133600	136100	138600	MPR	Tune-up Limit
				668 MHz	680.5 MHz	693 MHz					668 MHz	680.5 MHz	693 MHz		
10	π/2 BPSK	1	1	23.9	24.0	24.1	0	25.2	1	1	23.9	24.0	24.1	0	25.2
		1	50	24.0	24.1	24.1	0	25.2	1	50	24.0	24.1	24.1	0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				133100	136100	139100	MPR	Tune-up Limit			133100	136100	139100	MPR	Tune-up Limit
				665.5 MHz	680.5 MHz	695.5 MHz					665.5 MHz	680.5 MHz	695.5 MHz		
5	π/2 BPSK	1	1	23.9	24.1	24.2	0	25.2	1	1	23.9	24.1	24.2	0	25.2
		1	23	24.0	24.1	24.1	0	25.2	1	23	24.0	24.1	24.1	0	25.2

NR Band 77 (Block A) Measured Results (ANT7)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				633334 3500.01 MHz	633334 3500.01 MHz	633332 3499.98 MHz	MPR	Tune-up Limit			633334 3500.01 MHz	633334 3500.01 MHz	633332 3499.98 MHz	MPR	Tune-up Limit
100	$\pi/2$ BPSK	1	1		24.6		0	25.7	1	1		18.6		0	19.9
		1	271		24.3		0	25.7	1	271		18.4		0	19.9
		135	69		24.3		0	25.7	135	69		18.2		0	19.9
	QPSK	1	1		24.6		0	25.7	1	1		18.5		0	19.9
		1	271		24.3		0	25.7	1	271		18.5		0	19.9
		135	69		24.3		0	25.7	135	69		18.1		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				633000 3495 MHz	633334 3500.01 MHz	633666 3504.99 MHz	MPR	Tune-up Limit			633000 3495 MHz	633334 3500.01 MHz	633666 3504.99 MHz	MPR	Tune-up Limit
90	$\pi/2$ BPSK	1	1		24.8		0	25.7	1	1		18.6		0	19.9
		1	243		24.5		0	25.7	1	243		18.3		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632668 3490.02 MHz	633334 3500.01 MHz	633998 3509.97 MHz	MPR	Tune-up Limit			632668 3490.02 MHz	633334 3500.01 MHz	633998 3509.97 MHz	MPR	Tune-up Limit
80	$\pi/2$ BPSK	1	1		24.7		0	25.7	1	1		18.5		0	19.9
		1	215		24.7		0	25.7	1	215		18.5		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632334 3485.01 MHz	633334 3500.01 MHz	634332 3514.98 MHz	MPR	Tune-up Limit			632334 3485.01 MHz	633334 3500.01 MHz	634332 3514.98 MHz	MPR	Tune-up Limit
70	$\pi/2$ BPSK	1	1		24.6		0	25.7	1	1		18.4		0	19.9
		1	187		24.4		0	25.7	1	187		18.2		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632000 3480 MHz	633334 3500.01 MHz	634666 3519.99 MHz	MPR	Tune-up Limit			632000 3480 MHz	633334 3500.01 MHz	634666 3519.99 MHz	MPR	Tune-up Limit
60	$\pi/2$ BPSK	1	1		24.5		0	25.7	1	1		18.3		0	19.9
		1	160		24.4		0	25.7	1	160		18.2		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631668 3475.02 MHz	633334 3500.01 MHz	634998 3524.97 MHz	MPR	Tune-up Limit			631668 3475.02 MHz	633334 3500.01 MHz	634998 3524.97 MHz	MPR	Tune-up Limit
50	$\pi/2$ BPSK	1	1		24.5		0	25.7	1	1		18.5		0	19.9
		1	131		24.4		0	25.7	1	131		18.4		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631334 3470.01 MHz	633334 3500.01 MHz	635332 3529.98 MHz	MPR	Tune-up Limit			631334 3470.01 MHz	633334 3500.01 MHz	635332 3529.98 MHz	MPR	Tune-up Limit
40	$\pi/2$ BPSK	1	1		24.4		0	25.7	1	1		18.3		0	19.9
		1	104		24.3		0	25.7	1	104		18.2		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631000 3465 MHz	633334 3500.01 MHz	635666 3534.99 MHz	MPR	Tune-up Limit			631000 3465 MHz	633334 3500.01 MHz	635666 3534.99 MHz	MPR	Tune-up Limit
30	$\pi/2$ BPSK	1	1		24.5		0	25.7	1	1		18.4		0	19.9
		1	76		24.4		0	25.7	1	76		18.4		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630834 3462.51 MHz	633334 3500.01 MHz	635832 3537.48 MHz	MPR	Tune-up Limit			630834 3462.51 MHz	633334 3500.01 MHz	635832 3537.48 MHz	MPR	Tune-up Limit
25	$\pi/2$ BPSK	1	1		24.5		0	25.7	1	1		18.4		0	19.9
		1	63		24.4		0	25.7	1	63		18.4		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630668 3460.02 MHz	633334 3500.01 MHz	635998 3539.97 MHz	MPR	Tune-up Limit			630668 3460.02 MHz	633334 3500.01 MHz	635998 3539.97 MHz	MPR	Tune-up Limit
20	$\pi/2$ BPSK	1	1		24.7		0	25.7	1	1		18.5		0	19.9
		1	49		24.6		0	25.7	1	49		18.6		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630500 3457.5 MHz	633334 3500.01 MHz	636166 3542.49 MHz	MPR	Tune-up Limit			630500 3457.5 MHz	633334 3500.01 MHz	636166 3542.49 MHz	MPR	Tune-up Limit
15	$\pi/2$ BPSK	1	1		24.6		0	25.7	1	1		18.5		0	19.9
		1	36		24.6		0	25.7	1	36		18.5		0	19.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630334 3455.01 MHz	633334 3500.01 MHz	636332 3544.98 MHz	MPR	Tune-up Limit			630334 3455.01 MHz	633334 3500.01 MHz	636332 3544.98 MHz	MPR	Tune-up Limit
10	$\pi/2$ BPSK	1	1		24.7		0	25.7	1	1		18.5		0	19.9
		1	22		24.7		0	25.7	1	22		18.5		0	19.9

NR Band 77 (Block C) Measured Results (ANT7)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				650002	652402	654802	657200	659600	661998									650002	652402	654802	657200	659600	661998						
100	π/2 BPSK	1	1	3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz			0	25.7	1	1	3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz			0	19.9				
		1	271				24.8					0	25.7	1	271				18.8				0	19.9					
		135	69				24.5					0	25.7	135	69				18.7				0	19.9					
	QPSK	1	1				24.8					0	25.7	1	1				18.7				0	19.9					
		1	271				24.6					0	25.7	1	271				18.5				0	19.9					
		135	69				24.5					0	25.7	135	69				18.6				0	19.9					
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				649668	652202	654734	657268	659800	662332									649668	652202	654734	657268	659800	662332						
90	π/2 BPSK	1	1	3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz			0	25.7	1	1	3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz			0	19.9				
		1	243				24.7					0	25.7	1	243				18.6				0	19.9					
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				649336	652002	654668	657334	660000	662664									649336	652002	654668	657334	660000	662664						
80	π/2 BPSK	1	1	3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz			0	25.7	1	1	3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz			0	19.9				
		1	215				24.7					0	25.7	1	215				18.7				0	19.9					
		1	215				24.6					0	25.7	1	215				18.6				0	19.9					
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				649002	651802	654602	657400	660200	662998									649002	651802	654602	657400	660200	662998						
70	π/2 BPSK	1	1	3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz			0	25.7	1	1	3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz			0	19.9				
		1	187				24.6					0	25.7	1	187				18.6				0	19.9					
		1	187				24.6					0	25.7	1	187				18.5				0	19.9					
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				648668	651602	654534	657468	660400	663332									648668	651602	654534	657468	660400	663332						
60	π/2 BPSK	1	1	3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz			0	25.7	1	1	3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz			0	19.9				
		1	160				24.7					0	25.7	1	160				18.7				0	19.9					
		1	160				24.5					0	25.7	1	160				18.6				0	19.9					
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				648336	651402	654468	657534	660600	663664									648336	651402	654468	657534	660600	663664						
50	π/2 BPSK	1	1	3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz			0	25.7	1	1	3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz			0	19.9				
		1	131				24.7					0	25.7	1	131				18.7				0	19.9					
		1	131				24.6					0	25.7	1	131				18.6				0	19.9					
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				648002	651202	654402	657600	660800	663998									648002	651202	654402	657600	660800	663998						
40	π/2 BPSK	1	1	3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz			0	25.7	1	1	3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz			0	19.9				
		1	104	24.5	24.5	24.5	24.5	24.4	24.4	24.4	0	25.7	1	104	18.5	18.5	18.5	18.5	18.4	18.3	18.3	0	19.9						
		1	104	24.5	24.5	24.5	24.4	24.3	24.4		0	25.7	1	104	18.4	18.4	18.5	18.4	18.3	18.3	0	19.9							
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				647668	651002	654334	657668	661000	664332									647668	651002	654334	657668	661000	664332						
30	π/2 BPSK	1	1	3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz			0	25.7	1	1	3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz			0	19.9				
		1	76	24.6	24.5	24.6	24.6	24.5	24.5	24.5	0	25.7	1	76	18.5	18.6	18.6	18.6	18.5	18.5	18.5	0	19.9						
		1	76	24.5	24.5	24.6	24.5	24.3	24.5		0	25.7	1	76	18.5	18.5	18.5	18.5	18.4	18.3	18.3	0	19.9						
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				647502	650902	654302	657700	661100	664498									647502	650902	654302	657700	661100	664498						
25	π/2 BPSK	1	1	3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz			0	25.7	1	1	3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz			0	19.9				
		1	63	24.6	24.6	24.7	24.6	24.5	24.7	0	25.7	1	63	18.6	18.7	18.7	18.7	18.8	18.5	18.5	18.5	0	19.9						
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				647336	650802	654268	657734	661200	664664									647336	650802	654268	657734	661200	664664						
20	π/2 BPSK	1	1	3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz			0	25.7	1	1	3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz			0	19.9				
		1	49	24.7	24.6	24.7	24.6	24.5	24.7	0	25.7	1	49	18.5	18.5	18.5	18.5	18.6	18.6	18.5	18.5	0	19.9						
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				647168	650702	654234	657768	661300	664832									647168	650702	654234	657768	661300	664832						
15	π/2 BPSK	1	1	3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz			0	25.7	1	1	3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz			0	19.9				
		1	36	24.6	24.6	24.6	24.6	24.7	24.7	0	25.7	1	36	18.6	18.7	18.7	18.7	18.8	18.5	18.5	18.5	0	19.9						
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)										MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)										MFR	Tune-up Limit
				647002	650602	654202	657800	661400	664998									647002	650602	654202	657800	661400	664998						
10	π/2 BPSK	1	1	3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz			0	25.7	1	1	3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz			0	19.9				
		1	22	24.7	24.6	24.5	24.7	24.7	24.6	0	25.7	1	22	18.6	18.7	18.8	18.8	18.6	18.6	18.5	18.5	0	19.9						

NR Band 77 (Block A) Measured Results (ANT8)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				633334 3500.01 MHz	633334 3500.01 MHz	633332 3499.98 MHz	MPR	Tune-up Limit			633334 3500.01 MHz	633334 3500.01 MHz	633332 3499.98 MHz	MPR	Tune-up Limit
100	π/2 BPSK	1	1		20.1		0	21.2	1	1		19.5		0	20.8
		1	271		20.0		0	21.2	1	271		19.3		0	20.8
		135	69		20.0		0	21.2	135	69		19.2		0	20.8
	QPSK	1	1		20.2		0	21.2	1	1		19.6		0	20.8
		1	271		20.1		0	21.2	1	271		19.3		0	20.8
		135	69		20.0		0	21.2	135	69		19.3		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				633000 3495 MHz	633334 3500.01 MHz	633666 3504.99 MHz	MPR	Tune-up Limit			633000 3495 MHz	633334 3500.01 MHz	633666 3504.99 MHz	MPR	Tune-up Limit
90	π/2 BPSK	1	1		20.2		0	21.2	1	1		19.6		0	20.8
		1	243		19.7		0	21.2	1	243		19.2		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632668 3490.02 MHz	633334 3500.01 MHz	633998 3509.97 MHz	MPR	Tune-up Limit			632668 3490.02 MHz	633334 3500.01 MHz	633998 3509.97 MHz	MPR	Tune-up Limit
80	π/2 BPSK	1	1		20.1		0	21.2	1	1		19.6		0	20.8
		1	215		19.8		0	21.2	1	215		19.3		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632334 3485.01 MHz	633334 3500.01 MHz	634332 3514.98 MHz	MPR	Tune-up Limit			632334 3485.01 MHz	633334 3500.01 MHz	634332 3514.98 MHz	MPR	Tune-up Limit
70	π/2 BPSK	1	1		19.9		0	21.2	1	1		19.4		0	20.8
		1	187		19.7		0	21.2	1	187		19.2		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632000 3480 MHz	633334 3500.01 MHz	634666 3519.99 MHz	MPR	Tune-up Limit			632000 3480 MHz	633334 3500.01 MHz	634666 3519.99 MHz	MPR	Tune-up Limit
60	π/2 BPSK	1	1		20.0		0	21.2	1	1		19.5		0	20.8
		1	160		19.8		0	21.2	1	160		19.3		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631668 3475.02 MHz	633334 3500.01 MHz	634998 3524.97 MHz	MPR	Tune-up Limit			631668 3475.02 MHz	633334 3500.01 MHz	634998 3524.97 MHz	MPR	Tune-up Limit
50	π/2 BPSK	1	1		20.0		0	21.2	1	1		19.5		0	20.8
		1	131		19.9		0	21.2	1	131		19.4		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631334 3470.01 MHz	633334 3500.01 MHz	635332 3529.98 MHz	MPR	Tune-up Limit			631334 3470.01 MHz	633334 3500.01 MHz	635332 3529.98 MHz	MPR	Tune-up Limit
40	π/2 BPSK	1	1		19.9		0	21.2	1	1		19.4		0	20.8
		1	104		19.7		0	21.2	1	104		19.2		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631000 3465 MHz	633334 3500.01 MHz	635666 3534.99 MHz	MPR	Tune-up Limit			631000 3465 MHz	633334 3500.01 MHz	635666 3534.99 MHz	MPR	Tune-up Limit
30	π/2 BPSK	1	1		19.8		0	21.2	1	1		19.4		0	20.8
		1	76		19.9		0	21.2	1	76		19.3		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630668 3460.02 MHz	633334 3500.01 MHz	635998 3539.97 MHz	MPR	Tune-up Limit			630668 3460.02 MHz	633334 3500.01 MHz	635998 3539.97 MHz	MPR	Tune-up Limit
20	π/2 BPSK	1	1		19.9		0	21.2	1	1		19.4		0	20.8
		1	49		19.9		0	21.2	1	49		19.3		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630500 3457.5 MHz	633334 3500.01 MHz	636166 3542.49 MHz	MPR	Tune-up Limit			630500 3457.5 MHz	633334 3500.01 MHz	636166 3542.49 MHz	MPR	Tune-up Limit
15	π/2 BPSK	1	1		19.8		0	21.2	1	1		19.4		0	20.8
		1	36		19.8		0	21.2	1	36		19.3		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630334 3455.01 MHz	633334 3500.01 MHz	636332 3544.98 MHz	MPR	Tune-up Limit			630334 3455.01 MHz	633334 3500.01 MHz	636332 3544.98 MHz	MPR	Tune-up Limit
10	π/2 BPSK	1	1		19.9		0	21.2	1	1		19.3		0	20.8
		1	22		19.9		0	21.2	1	22		19.4		0	20.8

NR Band 77 (Block C) Measured Results (ANT8)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				650002 3750.03 MHz	652402 3786.03 MHz	654802 3822.03 MHz	657200 3858 MHz	659600 3894 MHz	661998 3929.97 MHz					650002 3750.03 MHz	652402 3786.03 MHz	654802 3822.03 MHz	657200 3858 MHz	659600 3894 MHz	661998 3929.97 MHz				
100	π/2 BPSK	1	1				20.1				0	21.2	1	1				19.7				0	20.8
		1	271				20.0				0	21.2	1	271				19.5				0	20.8
		135	69				19.9				0	21.2	135	69				19.4				0	20.8
	QPSK	1	1				20.3				0	21.2	1	1				19.8				0	20.8
		1	271				20.2				0	21.2	1	271				19.6				0	20.8
		135	69				20.0				0	21.2	135	69				19.5				0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	19.8								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
90	π/2 BPSK	1	1	649668 3745.02 MHz	652202 3783.03 MHz	654734 3821.01 MHz	657268 3859.02 MHz	659800 3897 MHz	662332 3934.98 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	649668 3745.02 MHz	652202 3783.03 MHz	654734 3821.01 MHz	657268 3859.02 MHz	659800 3897 MHz	662332 3934.98 MHz		MFR	Tune-up Limit
		1	1				20.3				0	21.2	1	1				19.8				0	20.8
		1	243				20.2				0	21.2	1	243				19.7				0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
80	π/2 BPSK	1	1	649336 3740.04 MHz	652002 3780.03 MHz	654668 3820.02 MHz	657334 3860.01 MHz	660000 3900 MHz	662664 3939.96 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	649336 3740.04 MHz	652002 3780.03 MHz	654668 3820.02 MHz	657334 3860.01 MHz	660000 3900 MHz	662664 3939.96 MHz		MFR	Tune-up Limit
		1	1				20.2				0	21.2	1	1				19.7				0	20.8
		1	215				20.2				0	21.2	1	215				19.7				0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
70	π/2 BPSK	1	1	649002 3735.03 MHz	651802 3777.03 MHz	654602 3819.03 MHz	657400 3861 MHz	660200 3903 MHz	662998 3944.97 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	649002 3735.03 MHz	651802 3777.03 MHz	654602 3819.03 MHz	657400 3861 MHz	660200 3903 MHz	662998 3944.97 MHz		MFR	Tune-up Limit
		1	1				20.0				0	21.2	1	1				19.6				0	20.8
		1	187				20.0				0	21.2	1	187				19.5				0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
60	π/2 BPSK	1	1	648668 3730.02 MHz	651602 3774.03 MHz	654534 3818.01 MHz	657468 3862.02 MHz	660400 3906 MHz	663332 3949.98 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	648668 3730.02 MHz	651602 3774.03 MHz	654534 3818.01 MHz	657468 3862.02 MHz	660400 3906 MHz	663332 3949.98 MHz		MFR	Tune-up Limit
		1	1				20.1				0	21.2	1	1				19.6				0	20.8
		1	160				20.0				0	21.2	1	160				19.5				0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
50	π/2 BPSK	1	1	648336 3725.04 MHz	651402 3771.03 MHz	654468 3817.02 MHz	657534 3863.01 MHz	660600 3909 MHz	663664 3954.96 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	648336 3725.04 MHz	651402 3771.03 MHz	654468 3817.02 MHz	657534 3863.01 MHz	660600 3909 MHz	663664 3954.96 MHz		MFR	Tune-up Limit
		1	1				20.1				0	21.2	1	1				19.6				0	20.8
		1	131				20.1				0	21.2	1	131				19.6				0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
40	π/2 BPSK	1	1	648002 3720.03 MHz	651202 3768.03 MHz	654402 3816.03 MHz	657600 3864 MHz	660800 3912 MHz	663998 3959.97 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	648002 3720.03 MHz	651202 3768.03 MHz	654402 3816.03 MHz	657600 3864 MHz	660800 3912 MHz	663998 3959.97 MHz		MFR	Tune-up Limit
		1	1	19.9	19.9	19.9	20.0	20.0	20.0	0	21.2	1	1	19.3	19.4	19.4	19.4	19.4	19.4	19.6	0	20.8	
		1	104	19.8	19.9	19.9	20.0	19.9	20.0	0	21.2	1	104	19.4	19.4	19.4	19.4	19.4	19.3	19.5	19.6	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
30	π/2 BPSK	1	1	647668 3715.02 MHz	651002 3765.03 MHz	654334 3815.01 MHz	657668 3865.02 MHz	661000 3915 MHz	664332 3964.98 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	647668 3715.02 MHz	651002 3765.03 MHz	654334 3815.01 MHz	657668 3865.02 MHz	661000 3915 MHz	664332 3964.98 MHz		MFR	Tune-up Limit
		1	1	19.8	20.0	20.0	20.1	20.0	20.0	0	21.2	1	1	19.3	19.5	19.5	19.5	19.5	19.6	19.6	0	20.8	
		1	76	19.8	20.0	20.0	20.1	20.0	20.0	0	21.2	1	76	19.3	19.5	19.5	19.5	19.5	19.6	19.6	0	20.8	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
20	π/2 BPSK	1	1	647336 3710.04 MHz	650802 3762.03 MHz	654268 3814.02 MHz	657734 3866.01 MHz	661200 3918 MHz	664664 3969.96 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	647336 3710.04 MHz	650802 3762.03 MHz	654268 3814.02 MHz	657734 3866.01 MHz	661200 3918 MHz	664664 3969.96 MHz		MFR	Tune-up Limit
		1	1	20.0	20.1	20.1	20.1	20.1	20.1	20.0	0	21.2	1	1	19.5	19.6	19.6	19.6	19.5	19.5	19.6	0	20.8
		1	49	19.9	20.1	20.1	20.1	20.1	20.1	20.0	0	21.2	1	49	19.3	19.6	19.6	19.6	19.5	19.5	19.6	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
15	π/2 BPSK	1	1	647168 3707.52 MHz	650702 3760.53 MHz	654234 3813.51 MHz	657768 3866.52 MHz	661400 3919.5 MHz	664832 3972.48 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	647168 3707.52 MHz	650702 3760.53 MHz	654234 3813.51 MHz	657768 3866.52 MHz	661400 3919.5 MHz	664832 3972.48 MHz		MFR	Tune-up Limit
		1	1	20.0	20.1	20.2	20.1	20.2	20.2	0	21.2	1	1	19.4	19.6	19.6	19.6	19.6	19.8	19.7	0	20.8	
		1	36	20.0	20.1	20.1	20.1	20.1	20.1	20.1	0	21.2	1	36	19.5	19.6	19.7	19.7	19.7	19.8	0	20.8	
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
10	π/2 BPSK	1	1	647002 3705.03 MHz	650602 3759.03 MHz	654202 3813.03 MHz	657800 3867 MHz	661400 3921 MHz	664998 3974.97 MHz		MFR	Tune-up Limit	RB Allocation	RB offset	647002 3705.03 MHz	650602 3759.03 MHz	654202 3813.03 MHz	657800 3867 MHz	661400 3921 MHz	664998 3974.97 MHz		MFR	Tune-up Limit
		1	1	19.9	20.1	20.1	20.2	20.2	20.3	0	21.2	1	1	19.4	19.6	19.6	19.6	19.7	19.8	19.8	0	20.8	
		1	22	19.9	20.1	20.1	20.2	20.1	20.3	0	21.2	1	22	19.4	19.6	19.6	19.6	19.7	19.7	19.8	0	20.8	

NR Band 77 (Block A) Measured Results (ANT9)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				633334 3500.01 MHz	633334 3500.01 MHz	633332 3499.98 MHz	MPR	Tune-up Limit			633334 3500.01 MHz	633334 3500.01 MHz	633332 3499.98 MHz	MPR	Tune-up Limit
100	π/2 BPSK	1	1		24.9		0	25.7	1	1		18.0		0	19.6
		1	271		24.6		0	25.7	1	271		17.9		0	19.6
		135	69		24.5		0	25.7	135	69		17.8		0	19.6
	QPSK	1	1		24.9		0	25.7	1	1		18.0		0	19.6
		1	271		24.7		0	25.7	1	271		17.9		0	19.6
		135	69		24.6		0	25.7	135	69		18.0		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				633000 3495 MHz	633334 3500.01 MHz	633666 3504.99 MHz	MPR	Tune-up Limit			633000 3495 MHz	633334 3500.01 MHz	633666 3504.99 MHz	MPR	Tune-up Limit
90	π/2 BPSK	1	1		24.9		0	25.7	1	1		18.1		0	19.6
		1	243		24.8		0	25.7	1	243		18.0		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632668 3490.02 MHz	633334 3500.01 MHz	633998 3509.97 MHz	MPR	Tune-up Limit			632668 3490.02 MHz	633334 3500.01 MHz	633998 3509.97 MHz	MPR	Tune-up Limit
80	π/2 BPSK	1	1		24.8		0	25.7	1	1		18.0		0	19.6
		1	215		24.7		0	25.7	1	215		17.8		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632334 3485.01 MHz	633334 3500.01 MHz	634332 3514.98 MHz	MPR	Tune-up Limit			632334 3485.01 MHz	633334 3500.01 MHz	634332 3514.98 MHz	MPR	Tune-up Limit
70	π/2 BPSK	1	1		24.7		0	25.7	1	1		17.8		0	19.6
		1	187		24.6		0	25.7	1	187		17.7		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				632000 3480 MHz	633334 3500.01 MHz	634666 3519.99 MHz	MPR	Tune-up Limit			632000 3480 MHz	633334 3500.01 MHz	634666 3519.99 MHz	MPR	Tune-up Limit
60	π/2 BPSK	1	1		24.8		0	25.7	1	1		17.9		0	19.6
		1	160		24.7		0	25.7	1	160		17.8		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631668 3475.02 MHz	633334 3500.01 MHz	634998 3524.97 MHz	MPR	Tune-up Limit			631668 3475.02 MHz	633334 3500.01 MHz	634998 3524.97 MHz	MPR	Tune-up Limit
50	π/2 BPSK	1	1		24.8		0	25.7	1	1		18.0		0	19.6
		1	131		24.7		0	25.7	1	131		17.9		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631334 3470.01 MHz	633334 3500.01 MHz	635332 3529.98 MHz	MPR	Tune-up Limit			631334 3470.01 MHz	633334 3500.01 MHz	635332 3529.98 MHz	MPR	Tune-up Limit
40	π/2 BPSK	1	1		24.7		0	25.7	1	1		17.9		0	19.6
		1	104		24.6		0	25.7	1	104		17.7		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				631000 3465 MHz	633334 3500.01 MHz	635666 3534.99 MHz	MPR	Tune-up Limit			631000 3465 MHz	633334 3500.01 MHz	635666 3534.99 MHz	MPR	Tune-up Limit
30	π/2 BPSK	1	1		24.8		0	25.7	1	1		17.9		0	19.6
		1	76		24.7		0	25.7	1	76		17.8		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630834 3462.51 MHz	633334 3500.01 MHz	635832 3537.48 MHz	MPR	Tune-up Limit			630834 3462.51 MHz	633334 3500.01 MHz	635832 3537.48 MHz	MPR	Tune-up Limit
25	π/2 BPSK	1	1		24.8		0	25.7	1	1		17.9		0	19.6
		1	63		24.7		0	25.7	1	63		17.9		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630668 3460.02 MHz	633334 3500.01 MHz	635998 3539.97 MHz	MPR	Tune-up Limit			630668 3460.02 MHz	633334 3500.01 MHz	635998 3539.97 MHz	MPR	Tune-up Limit
20	π/2 BPSK	1	1		24.9		0	25.7	1	1		17.9		0	19.6
		1	49		24.9		0	25.7	1	49		18.0		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630500 3457.5 MHz	633334 3500.01 MHz	636166 3542.49 MHz	MPR	Tune-up Limit			630500 3457.5 MHz	633334 3500.01 MHz	636166 3542.49 MHz	MPR	Tune-up Limit
15	π/2 BPSK	1	1		24.8		0	25.7	1	1		17.9		0	19.6
		1	36		24.8		0	25.7	1	36		17.9		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)				
				630334 3455.01 MHz	633334 3500.01 MHz	636332 3544.98 MHz	MPR	Tune-up Limit			630334 3455.01 MHz	633334 3500.01 MHz	636332 3544.98 MHz	MPR	Tune-up Limit
10	π/2 BPSK	1	1		24.9		0	25.7	1	1		18.0		0	19.6
		1	22		24.9		0	25.7	1	22		18.0		0	19.6

NR Band 77 (Block C) Measured Results (ANT9)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit		
				650002	652402	654802	657200	659600	661998							650002	652402	654802	657200	659600	661998						
100	π/2 BPSK	1	1	3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		0	25.7	1	1			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		0	25.7	1	1
		1	271				24.9			0	25.7	1	271						18.1			0	25.7	1	271		
		135	69				24.7			0	25.7	135	69						17.9			0	25.7	135	69		
	QPSK	1	1				24.6			0	25.7	1	1						17.8			0	25.7	1	1		
		1	271				24.3			0	25.7	1	271						17.6			0	25.7	1	271		
		135	69				24.3			0	25.7	135	69						17.6			0	25.7	135	69		
90	π/2 BPSK	1	1	3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		0	25.7	1	1			3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		0	25.7	1	1
		1	243				24.5			0	25.7	1	243						17.7			0	25.7	1	243		
		1	243				24.3			0	25.7	1	243						17.6			0	25.7	1	243		
	QPSK	1	1				24.4			0	25.7	1	1						17.9			0	25.7	1	1		
		1	215				24.4			0	25.7	1	215						17.8			0	25.7	1	215		
		1	215				24.4			0	25.7	1	215						17.8			0	25.7	1	215		
80	π/2 BPSK	1	1	3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		0	25.7	1	1			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		0	25.7	1	1
		1	215				24.4			0	25.7	1	215						17.9			0	25.7	1	215		
		1	215				24.4			0	25.7	1	215						17.8			0	25.7	1	215		
	QPSK	1	1				24.4			0	25.7	1	1						17.9			0	25.7	1	1		
		1	215				24.4			0	25.7	1	215						17.8			0	25.7	1	215		
		1	215				24.4			0	25.7	1	215						17.8			0	25.7	1	215		
70	π/2 BPSK	1	1	3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		0	25.7	1	1			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		0	25.7	1	1
		1	187				24.6			0	25.7	1	187						17.9			0	25.7	1	187		
		1	187				24.6			0	25.7	1	187						17.8			0	25.7	1	187		
	QPSK	1	1				24.6			0	25.7	1	1						17.9			0	25.7	1	1		
		1	187				24.6			0	25.7	1	187						17.8			0	25.7	1	187		
		1	187				24.6			0	25.7	1	187						17.8			0	25.7	1	187		
60	π/2 BPSK	1	1	3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		0	25.7	1	1			3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		0	25.7	1	1
		1	160				24.7			0	25.7	1	160						17.9			0	25.7	1	160		
		1	160				24.6			0	25.7	1	160						17.8			0	25.7	1	160		
	QPSK	1	1				24.7			0	25.7	1	1						17.9			0	25.7	1	1		
		1	160				24.6			0	25.7	1	160						17.8			0	25.7	1	160		
		1	160				24.6			0	25.7	1	160						17.8			0	25.7	1	160		
50	π/2 BPSK	1	1	3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		0	25.7	1	1			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		0	25.7	1	1
		1	131				24.8			0	25.7	1	131						18.0			0	25.7	1	131		
		1	131				24.6			0	25.7	1	131						17.9			0	25.7	1	131		
	QPSK	1	1				24.8			0	25.7	1	1						18.0			0	25.7	1	1		
		1	131				24.6			0	25.7	1	131						17.9			0	25.7	1	131		
		1	131				24.6			0	25.7	1	131						17.9			0	25.7	1	131		
40	π/2 BPSK	1	1	3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		0	25.7	1	1			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		0	25.7	1	1
		1	104				24.6			0	25.7	1	104						17.8			0	25.7	1	104		
		1	104				24.5			0	25.7	1	104						17.7			0	25.7	1	104		
	QPSK	1	1				24.6			0	25.7	1	1						17.8			0	25.7	1	1		
		1	104				24.5			0	25.7	1	104						17.7			0	25.7	1	104		
		1	104				24.5			0	25.7	1	104						17.6			0	25.7	1	104		
30	π/2 BPSK	1	1	3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		0	25.7	1	1			3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		0	25.7	1	1
		1	76				24.7			0	25.7	1	76						17.8			0	25.7	1	76		
		1	76				24.5			0	25.7	1	76						17.7			0	25.7	1	76		
	QPSK	1	1				24.7			0	25.7	1	1						17.9			0	25.7	1	1		
		1	76				24.6			0	25.7	1	76						17.8			0	25.7	1	76		
		1	76				24.5			0	25.7	1	76						17.7			0	25.7	1	76		
25	π/2 BPSK	1	1	3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz		0	25.7	1	1			3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz		0	25.7	1	1
		1	63				24.8			0	25.7	1	63						18.0			0	25.7	1	63		
		1	63				24.7			0	25.7	1	63						18.0			0	25.7	1	63		
	QPSK	1	1				24.8			0	25.7	1	1						18.0			0	25.7	1	1		
		1	63				24.7			0	25.7	1	63						18.0			0	25.7	1	63		
		1	63				24.7			0	25.7	1	63						18.0			0	25.7	1	63		
20	π/2 BPSK	1	1	3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		0	25.7	1	1			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		0	25.7	1	1
		1	49				24.7			0	25.7	1	49						17.9			0	25.7	1	49		
		1	49				24.6			0	25.7	1	49						17.8			0	25.7	1	49		
	QPSK	1	1				24.7			0	25.7	1	1						17.9			0	25.7	1	1		
		1	49				24.6			0	25.7	1	49						17.8			0	25.7	1	49		
		1	49				24.6			0	25.7	1	49						17.7			0	25.7	1	49		
15	π/2 BPSK	1	1	3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		0	25.7	1	1			3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		0	25.7	1	1
		1	36				24.8			0	25.7	1	36						18.0			0	25.7	1	36		
		1	36				24.7			0	25.7	1	36						18.0			0	25.7	1	36		
	QPSK	1	1				24.8			0	25.7	1	1						18.0			0	25.7	1	1		
		1	36				24.7			0	25.7	1	36						18.0			0	25.7	1	36		
		1	36				24.7			0	25.7	1	36						18.0			0	25.7	1	36		
10	π/2 BPSK	1	1	3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		0	25.7	1	1			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		0	25.7	1	1
		1	22				24.7			0	25.7	1	22						18.0			0	25.7	1	22		
		1	22				24.8			0	25.7	1	22						18.0			0	25.7	1	22		
	QPSK	1	1				24.8			0	25.7	1	1						18.0			0	25.7	1	1		
		1	22				24.7			0	25.7	1	22						18.0			0	25.7	1	22		
		1	22				24.8			0	25.7	1	22						18.0			0	25.7	1	22		

NR Band 77 (Block A) Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				633334	633334	633332	MPR	Tune-up Limit			633334	633334	633332	MPR	Tune-up Limit		
				3500.01 MHz	3500.01 MHz	3499.98 MHz					3500.01 MHz	3500.01 MHz	3499.98 MHz				
100	π/2 BPSK	1	1		21.3		0	22.5	1	1		21.3		0	22.4		
		1	271		21.3		0	22.5	1	271		21.1		0	22.4		
		135	69		21.1		0	22.5	135	69		20.9		0	22.4		
	QPSK	1	1		21.6		0	22.5	1	1		21.5		0	22.4		
		1	271		21.1		0	22.5	1	271		21.1		0	22.4		
		135	69		21.1		0	22.5	135	69		21.2		0	22.4		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				633000	633334	633666	MPR	Tune-up Limit			633000	633334	633666	MPR	Tune-up Limit		
				3495 MHz	3500.01 MHz	3504.99 MHz					3495 MHz	3500.01 MHz	3504.99 MHz				
90	π/2 BPSK	1	1		21.5		0	22.5	1	1		21.0		0	22.4		
		1	243		21.1		0	22.5	1	243		21.1		0	22.4		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				632668	633334	633998	MPR	Tune-up Limit			632668	633334	633998	MPR	Tune-up Limit		
				3490.02 MHz	3500.01 MHz	3509.97 MHz					3490.02 MHz	3500.01 MHz	3509.97 MHz				
80	π/2 BPSK	1	1		21.4		0	22.5	1	1		21.1		0	22.4		
		1	215		21.1		0	22.5	1	215		21.1		0	22.4		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				632334	633334	634332	MPR	Tune-up Limit			632334	633334	634332	MPR	Tune-up Limit		
				3485.01 MHz	3500.01 MHz	3514.98 MHz					3485.01 MHz	3500.01 MHz	3514.98 MHz				
70	π/2 BPSK	1	1		21.5		0	22.5	1	1		21.2		0	22.4		
		1	187		21.2		0	22.5	1	187		21.2		0	22.4		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				632000	633334	634666	MPR	Tune-up Limit			632000	633334	634666	MPR	Tune-up Limit		
				3480 MHz	3500.01 MHz	3519.99 MHz					3480 MHz	3500.01 MHz	3519.99 MHz				
60	π/2 BPSK	1	1		21.4		0	22.5	1	1		21.3		0	22.4		
		1	160		21.1		0	22.5	1	160		21.1		0	22.4		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				631668	633334	634998	MPR	Tune-up Limit			631668	633334	634998	MPR	Tune-up Limit		
				3475.02 MHz	3500.01 MHz	3524.97 MHz					3475.02 MHz	3500.01 MHz	3524.97 MHz				
50	π/2 BPSK	1	1		21.5		0	22.5	1	1		21.2		0	22.4		
		1	131		21.2		0	22.5	1	131		21.1		0	22.4		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				631334	633334	635332	MPR	Tune-up Limit			631334	633334	635332	MPR	Tune-up Limit		
				3470.01 MHz	3500.01 MHz	3529.98 MHz					3470.01 MHz	3500.01 MHz	3529.98 MHz				
40	π/2 BPSK	1	1		21.4		0	22.5	1	1		21.1		0	22.4		
		1	104		21.0		0	22.5	1	104		21.1		0	22.4		
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				631000	633334	635666	MPR	Tune-up Limit			631000	633334	635666	MPR	Tune-up Limit		
				3465 MHz	3500.01 MHz	3534.99 MHz					3465 MHz	3500.01 MHz	3534.99 MHz				
30	π/2 BPSK	1	1		21.2	21.4	21.2	0	22.5	1	1		21.2	21.3	21.1	0	22.4
		1	76		21.2	21.2	21.3	0	22.5	1	76		21.2	21.3	21.2	0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				630834	633334	635832	MPR	Tune-up Limit			630834	633334	635832	MPR	Tune-up Limit		
				3462.51 MHz	3500.01 MHz	3537.48 MHz					3462.51 MHz	3500.01 MHz	3537.48 MHz				
25	π/2 BPSK	1	1		21.1	21.4	21.4	0	22.5	1	1		21.1	21.3	21.0	0	22.4
		1	63		21.1	21.3	21.3	0	22.5	1	63		21.2	21.2	21.2	0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				630668	633334	635998	MPR	Tune-up Limit			630668	633334	635998	MPR	Tune-up Limit		
				3460.02 MHz	3500.01 MHz	3539.97 MHz					3460.02 MHz	3500.01 MHz	3539.97 MHz				
20	π/2 BPSK	1	1		21.1	21.1	21.4	0	22.5	1	1		21.2	21.1	21.1	0	22.4
		1	49		21.2	21.2	21.5	0	22.5	1	49		21.1	21.1	21.0	0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				630500	633334	636166	MPR	Tune-up Limit			630500	633334	636166	MPR	Tune-up Limit		
				3457.5 MHz	3500.01 MHz	3542.49 MHz					3457.5 MHz	3500.01 MHz	3542.49 MHz				
15	π/2 BPSK	1	1		21.1	21.4	21.4	0	22.5	1	1		21.2	21.2	21.2	0	22.4
		1	36		21.1	21.4	21.3	0	22.5	1	36		21.2	21.2	21.0	0	22.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					RB Allocation	RB offset	Mode B Power (dBm)						
				630334	633334	636332	MPR	Tune-up Limit			630334	633334	636332	MPR	Tune-up Limit		
				3455.01 MHz	3500.01 MHz	3544.98 MHz					3455.01 MHz	3500.01 MHz	3544.98 MHz				
10	π/2 BPSK	1	1		21.2	21.3	21.2	0	22.5	1	1		21.2	21.3	21.1	0	22.4
		1	22		21.1	21.2	21.2	0	22.5	1	22		21.2	21.2	21.0	0	22.4

NR Band 77 (Block C) Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								MFR	Tune-up Limit	RB Allocation	RB offset	Mode B Power (dBm)								MFR	Tune-up Limit
				650002	652402	654802	657200	659600	661998							650002	652402	654802	657200	659600	661998				
100	π/2 BPSK	1	1	3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		0	22.5	1	1	3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		0	22.4		
		1	271				21.6				0	22.5	1	271				20.6				0	22.4		
		135	69				21.6				0	22.5	135	69				20.4				0	22.4		
	QPSK	1	1				21.6				0	22.5	1	1				21.4				0	22.4		
		1	271				21.5				0	22.5	1	271				21.4				0	22.4		
		135	69				21.3				0	22.5	135	69				21.1				0	22.4		
90	π/2 BPSK	1	1	3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		0	22.5	1	1	3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		0	22.4		
		1	243				21.5				0	22.5	1	243				21.4				0	22.4		
																							0	22.4	
	QPSK	1	1				21.4				0	22.5	1	1				21.4				0	22.4		
		1	215				21.5				0	22.5	1	215				21.4				0	22.4		
																							0	22.4	
80	π/2 BPSK	1	1	3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		0	22.5	1	1	3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		0	22.4		
		1	215				21.4				0	22.5	1	215				21.3				0	22.4		
																							0	22.4	
	QPSK	1	1				21.4				0	22.5	1	1				21.3				0	22.4		
		1	215				21.5				0	22.5	1	215				21.4				0	22.4		
																							0	22.4	
70	π/2 BPSK	1	1	3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		0	22.5	1	1	3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		0	22.4		
		1	187				21.3				0	22.5	1	187				21.1				0	22.4		
																							0	22.4	
	QPSK	1	1				21.3				0	22.5	1	1				21.2				0	22.4		
		1	187				21.3				0	22.5	1	187				21.2				0	22.4		
																							0	22.4	
60	π/2 BPSK	1	1	3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		0	22.5	1	1	3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		0	22.4		
		1	160				21.3				0	22.5	1	160				21.2				0	22.4		
																							0	22.4	
	QPSK	1	1				21.4				0	22.5	1	1				21.3				0	22.4		
		1	160				21.4				0	22.5	1	160				21.3				0	22.4		
																							0	22.4	
50	π/2 BPSK	1	1	3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		0	22.5	1	1	3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		0	22.4		
		1	131				21.4				0	22.5	1	131				21.3				0	22.4		
																							0	22.4	
	QPSK	1	1				21.4				0	22.5	1	1				21.3				0	22.4		
		1	131				21.4				0	22.5	1	131				21.3				0	22.4		
																							0	22.4	
40	π/2 BPSK	1	1	3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		0	22.5	1	1	3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		0	22.4		
		1	104	21.1	21.1	21.1	21.2	21.2	21.4	0	22.5	1	104	21.0	21.0	21.1	21.1	21.1	21.1	21.2	21.3	0	22.4		
																							0	22.4	
	QPSK	1	1				21.2				0	22.5	1	1				21.1				0	22.4		
		1	104	21.1	21.1	21.1	21.2	21.2	21.4	0	22.5	1	104	21.0	21.0	21.1	21.1	21.1	21.1	21.2	21.3	0	22.4		
																							0	22.4	
30	π/2 BPSK	1	1	3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		0	22.5	1	1	3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		0	22.4		
		1	76	21.2	21.1	21.1	21.2	21.3	21.3	21.5	0	22.5	1	76	21.1	21.0	21.1	21.1	21.1	21.2	21.3	0	22.4		
																							0	22.4	
	QPSK	1	1				21.2				0	22.5	1	1				21.1				0	22.4		
		1	76	21.2	21.1	21.1	21.2	21.3	21.3	21.5	0	22.5	1	76	21.1	21.0	21.1	21.1	21.1	21.2	21.3	0	22.4		
																							0	22.4	
25	π/2 BPSK	1	1	3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.48 MHz		0	22.5	1	1	3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.48 MHz		0	22.4		
		1	63	21.4	21.3	21.4	21.4	21.4	21.5	21.6	0	22.5	1	63	21.3	21.2	21.3	21.3	21.3	21.3	21.4	0	22.4		
																							0	22.4	
	QPSK	1	1				21.4				0	22.5	1	1				21.3				0	22.4		
		1	63	21.4	21.3	21.4	21.4	21.4	21.5	21.6	0	22.5	1	63	21.3	21.2	21.3	21.3	21.3	21.3	21.4	0	22.4		
																							0	22.4	
20	π/2 BPSK	1	1	3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		0	22.5	1	1	3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		0	22.4		
		1	49	21.3	21.2	21.3	21.4	21.4	21.4	21.5	0	22.5	1	49	21.3	21.2	21.3	21.3	21.3	21.4	21.4	0	22.4		
																							0	22.4	
	QPSK	1	1				21.3				0	22.5	1	1				21.3				0	22.4		
		1	49	21.3	21.2	21.4	21.3	21.4	21.4	21.4	0	22.5	1	49	21.2	21.3	21.3	21.3	21.3	21.3	21.4	0	22.4		
																							0	22.4	
15	π/2 BPSK	1	1	3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		0	22.5	1	1	3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		0	22.4		
		1	36	21.4	21.3	21.4	21.4	21.4	21.5	21.6	0	22.5	1	36	21.3	21.2	21.3	21.3	21.3	21.3	21.4	0	22.4		
																							0	22.4	
	QPSK	1	1				21.4				0	22.5	1	1				21.4				0	22.4		
		1	36	21.4	21.3	21.4	21.4	21.4	21.5	21.6	0	22.5	1	36	21.3	21.2	21.3	21.3	21.3	21.3	21.4	0	22.4		
																							0	22.4	
10	π/2 BPSK	1	1	3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		0	22.5	1	1	3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		0	22.4		
		1	22	21.4	21.3	21.4	21.5	21.5	21.6	0	22.5	1	22	21.3	21.3	21.3	21.3	21.4	21.4	21.5	0	22.4			
																							0	22.4	
	QPSK	1	1				21.4				0	22.5	1	1				21.4				0	22.4		
		1	22	21.4	21.3	21.4	21.5	21.5	21.6	0	22.5	1	22	21.3	21.3	21.3	21.3	21.4	21.4	21.5	0	22.4			
																							0	22.4	

9.7. Wi-Fi 2.4GHz (DTS Band)

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 b/g/n/ac/ax/be modes, the channel in the lower order/sequence 802.11 mode (i.e. g, n, ac, ax, then be) is selected. Therefore, the SAR measurements performed for the 802.11b as the lowest order modulation, cover 802.11n/ac/ax/be modes.

When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined by applying the following steps sequentially.

- 1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same specified maximum output power.
- 2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
- 3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
- 4) When multiple transmission modes (802.11g/n/ac/ax/be) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected.

Inspection of the SAR plots has shown that there is no overlap of hotspots and the center of antennas is over 100 mm apart. Using the guidance in KDB 248227 section 6.1, no evaluation of MIMO is required and SAR compliance for simultaneous transmission is determined separately for each individual antenna.

Maximum Output Power for Wi-Fi 2.4 GHz

The table below shows the Maximum output power for this device. The highlighted values indicate what the overall worst-case transmission mode will be required for SAR testing per channel. In the Wi-Fi 2.4 GHz (Power State) table, the highlighted worst-case Low/Mid/High channels are selected for Mode A and Mode B.

Channel	Frequency (MHz)	Maximum Output Power (dBm)																												
		SISO																												
		ANT4														ANT3														
		g (SISO, C1) Low Rate	g (SISO, C2) Mid Rate	g (SISO, C3) High Rate	11n/11ac HT20 (SISO, C1) Low Rate	11n/11ac HT20 (SISO, C2) Mid Rate	11n/11ac HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate		
b (SISO, C1) Low Rate	g (SISO, C1) Mid Rate	g (SISO, C1) High Rate	11n/11ac HT20 (SISO, C1) Low Rate	11n/11ac HT20 (SISO, C2) Mid Rate	11n/11ac HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate	11ac/11n HT20/HT20 (SISO, C1) Low Rate	11ac/11n HT20/HT20 (SISO, C2) Mid Rate	11ac/11n HT20/HT20 (SISO, C3) High Rate				
1	2412	20.50	18.00	17.80	17.50	18.00	17.80	17.50	16.00	15.70	16.00	15.70	16.00	15.70	16.00	21.00	18.00	17.80	17.50	18.00	17.80	17.50	17.00	16.50	16.00	16.00	16.00	16.00	16.00	
2	2417	20.50	20.50	20.50	20.50	20.50	20.50	20.50	19.00	19.00	19.00	18.00	18.00	18.00	18.00	21.00	19.50	19.50	19.50	19.50	19.50	19.50	18.00	18.00	18.00	18.00	18.00	18.00	18.00	
3	2422	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	
4	2427	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	
5	2432	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	
6	2437	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	
7	2442	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	
8	2447	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	
9	2452	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	
10	2457	20.50	20.50	20.50	20.50	20.50	20.50	20.50	18.00	18.00	18.00	18.00	18.00	18.00	18.00	21.00	19.50	19.50	19.50	19.50	19.50	19.50	18.00	18.00	18.00	18.00	18.00	18.00	18.00	
11	2462	20.50	19.50	19.00	18.50	19.50	19.00	18.50	17.00	16.50	16.00	16.00	16.00	16.00	16.00	21.00	18.50	18.50	17.50	18.50	18.50	17.50	17.00	16.50	16.00	16.00	16.00	16.00	16.00	
12	2467	18.70	16.00	15.80	15.50	16.00	15.80	15.50	15.00	14.50	14.00	14.00	14.00	14.00	14.00	20.50	16.00	15.80	15.50	16.00	15.80	15.50	15.00	14.50	14.00	14.00	14.00	14.00	14.00	
13	2472	18.00	13.00	12.50	12.00	13.00	12.50	12.00	9.00	8.80	8.50	4.50	3.00	1.70	0.00	18.00	13.00	12.50	12.00	13.00	12.50	12.00	9.00	8.80	8.50	4.50	3.00	1.70	0.00	0.00

Channel	Frequency (MHz)	Maximum Output Power (dBm)																															
		MIMO																															
		ANT4																ANT3															
		1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)				
1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)	1 (2T, C1)	2 (2T, C1)	3 (2T, C1)	4 (2T, C1)						
1	2412	18.00	17.00	17.00	16.50	17.00	17.00	16.50	14.50	14.00	14.00	13.00	12.00	11.00	10.00	18.00	17.00	17.00	16.50	17.00	17.00	16.50	15.00	14.00	13.00	12.00	11.00	10.00					
2	2417	20.50	18.50	18.50	18.50	18.50	18.50	18.50	17.00	17.00	17.00	16.00	15.00	14.00	13.00	20.50	18.50	18.50	18.50	18.50	18.50	18.50	17.00	16.00	15.00	14.00	13.00	12.00					
3	2422	20.50	20.50	20.50	20.50	20.50	20.50	20.50	19.00	19.00	19.00	18.00	17.00	16.00	15.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	19.00	18.00	17.00	16.00	15.00	14.00					
4	2427	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50					
5	2432	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50					
6	2437	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50					
7	2442	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50					
8	2447	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50					
9	2452	20.50	20.50	20.50	20.50	20.50	20.50	20.50	19.00	18.50	18.50	18.00	17.00	16.00	15.00	20.50	19.00	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50					
10	2457	20.50	18.50	18.50	18.50	18.50	18.50	17.00	17.00	17.00	16.00	15.00	14.00	13.00	12.00	20.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50					
11	2462	20.50	17.00	17.00	17.00	17.00	16.50	16.50	15.00	14.50	14.00	13.00	12.00	11.00	10.00	20.50	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00					
12	2467	17.00	15.00	14.50	14.00	14.00	14.00	13.00	12.00	11.00	10.00	9.00	8.00	7.00	6.00	20.50	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00					
13	2472	17.00	12.00	11.50	11.00	11.00	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	20.50	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00					

Wi-Fi 2.4 GHz(Power States) for SAR Power

For 2.4 GHz band, there are use 6 difference Power States(PS):

Connectivity Power State	Cellular (2 PS)	Connectivity (6 PS)	802.15.4ab (1 PS)
Connectivity PS1	OFF	ON	OFF
Connectivity PS2	OFF	ON	ON
Connectivity PS3	ON PS2	ON	OFF
Connectivity PS4	ON PS2	ON	ON
Connectivity PS5	ON PS1	ON	OFF
Connectivity PS6	ON PS1	ON	ON

1. Connectivity refers to the following technologies: Wi-Fi 2.4/5/6 GHz, Bluetooth 2.4 GHz, NB-UNII, and 802.15.4.
2. Cellular PS1: Combines with Connectivity PS5 and PS6.
3. Cellular PS2: Combines with Connectivity PS3 and PS4.
4. 802.15.4ab only combines with Connectivity PS 2, 4, and 6.
5. SAR measurements were performed only once for Cellular PS1. Cellular PS2 has a reduced Tune-Up Limit and uses the same measured conducted power as PS1.

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT3	802.11b DSSS (SISO)	1	2412	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		2	2417	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		3	2422	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		4	2427	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		5	2432	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		6	2437	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		7	2442	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		8	2447	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		9	2452	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		10	2457	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		11	2462	21.00	21.00	21.00	21.00	20.75	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		12	2467	20.50	20.50	20.50	20.50	20.50	20.00	20.00	19.25	19.00	18.25	17.75	17.00
		13	2472	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	17.75	17.00

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT4	802.11b DSSS (SISO)	1	2412	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		2	2417	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		3	2422	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		4	2427	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		5	2432	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		6	2437	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		7	2442	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		8	2447	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		9	2452	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		10	2457	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		11	2462	19.75	20.50	19.75	20.50	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		12	2467	18.70	18.70	18.70	18.70	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25
		13	2472	18.00	18.00	18.00	18.00	16.50	18.00	15.75	17.50	14.75	16.50	13.50	15.25

Wi-Fi 2.4GHz Measured Results

The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures.

SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum output power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11g/n/ac/ax mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band. Additional output power measurements were not deemed necessary.

SAR testing is not required for OFDM mode(s) when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

Power Mode	Antenna	Band	Mode	Power Mode A				Band	Mode	Power Mode B			
				Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power States 1	ANT3	DTS	DSSS 802.11b	1	2412	19.70	21.00	DTS	DSSS 802.11b	1	2412	19.70	21.00
				6	2437	19.80	21.00			6	2437	19.80	21.00
				11	2462	20.00	21.00			11	2462	20.00	21.00
	ANT4	DTS	DSSS 802.11b	1	2412	18.50	19.75	DTS	DSSS 802.11b	1	2412	19.20	20.50
				6	2437	18.60	19.75			6	2437	19.30	20.50
				11	2462	18.70	19.75			11	2462	19.50	20.50
Power Mode	Antenna	Band	Mode	Power Mode A				Band	Mode	Power Mode B			
				Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 3	ANT3	DTS	DSSS 802.11b	1	2412	19.00	20.75	DTS	DSSS 802.11b	1	2412	18.90	20.00
				6	2437	19.00	20.75			6	2437	18.80	20.00
				11	2462	19.00	20.75			11	2462	18.70	20.00
	ANT4	DTS	DSSS 802.11b	1	2412	15.45	16.50	DTS	DSSS 802.11b	1	2412	17.20	18.25
				6	2437	15.45	16.50			6	2437	17.20	18.25
				11	2462	15.50	16.50			11	2462	17.25	18.25

Note(s):

1. SAR is not required for channel 12 and 13 because the maximum output power and the measured output power for these two channels are not greater than those for the default test channels. Refer to KDB 248227 D01 section 3.1.
2. SAR measurements were performed only once for Connectivity PS1. Connectivity PS2 shares the same Tune-Up Limit and uses the same measured conducted power as PS1.
3. SAR measurements for PS 4, 5 and 6 are calculated by scaling the SAR measurements from PS3 to the maximum power of each specific PS. In cases where the maximum power for the PS is lower than the measured conducted power for PS3 this results in a scaling factor of less than 1. This was only performed for instances where the measured conducted power was within 2dB of the reduced tune-up limit. Therefore, some SAR measurements were scaled down in accordance with inquiries to FCC.

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Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	19.00	19.00	19.00	18.50	17.75	17.75	17.00	16.75	16.00	15.50	14.75
			40	5200	19.50	19.50	19.50	19.50	18.50	17.75	17.75	17.00	16.75	16.00	15.50	14.75
			44	5220	19.50	19.50	19.50	19.50	18.50	17.75	17.75	17.00	16.75	16.00	15.50	14.75
		802.11n/ac 40 MHz	48	5240	19.50	19.50	19.50	19.50	18.50	17.75	17.75	17.00	16.75	16.00	15.50	14.75
			38	5190	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.00	16.75	16.00	15.50	14.75
		802.11ac 80 MHz	46	5230	19.50	19.50	19.50	19.50	18.50	17.75	17.75	17.00	16.75	16.00	15.50	14.75
	U-NII-2A 5.3 GHz (SISO)	802.11a 20 MHz	42	5210	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.00	16.75	16.00	15.50	14.75
			52	5260	19.50	19.00	19.50	19.00	18.25	15.75	17.50	15.00	16.50	14.00	15.25	12.75
			56	5280	19.50	19.00	19.50	19.00	18.25	15.75	17.50	15.00	16.50	14.00	15.25	12.75
			60	5300	19.50	19.00	19.50	19.00	18.25	15.75	17.50	15.00	16.50	14.00	15.25	12.75
		802.11n/ac 40 MHz	64	5320	19.00	19.00	19.00	19.00	18.25	15.75	17.50	15.00	16.50	14.00	15.25	12.75
			54	5270	19.50	19.00	19.50	19.00	18.25	15.75	17.50	15.00	16.50	14.00	15.25	12.75
		802.11ac 80 MHz	62	5310	17.50	17.50	17.50	17.50	17.50	15.75	17.50	15.00	16.50	14.00	15.25	12.75
		802.11ac 160 MHz	58	5290	17.70	17.70	17.70	17.70	17.70	15.75	17.50	15.00	16.50	14.00	15.25	12.75
			50	5250	16.50	16.50	16.50	16.50	16.50	15.75	16.50	15.00	16.50	14.00	15.25	12.75
	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
					18.80	18.80	18.80	18.80	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
		802.11n/ac 40 MHz	102	5510	16.50	16.50	16.50	16.50	16.50	16.00	16.50	15.25	16.50	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
		802.11ac 80 MHz	106	5530	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.25	16.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
					19.50	19.25	19.50	19.25	18.75	16.00	18.00	15.25	17.00	14.25	15.75	13.00
		802.11ac 160 MHz	114	5570	16.50	16.50	16.50	16.50	16.50	16.00	16.50	15.25	16.50	14.25	15.75	13.00
	U-NII-3 5.8 GHz (SISO)	802.11a 20 MHz	149	5745	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
					19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25
					19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25
					19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25
		802.11n/ac 40 MHz	151	5755	19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25
					19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25
					19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25
					19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25
		802.11ac 80 MHz	155	5775	19.50	19.50	19.50	19.50	19.50	16.25	18.75	15.50	17.75	14.50	16.50	13.25

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.50	17.25	19.50	17.25	19.50	14.00	19.50	13.25	19.50	12.25	19.50	11.00
			40	5200	20.00	17.25	20.00	17.25	20.00	14.00	20.00	13.25	20.00	12.25	20.00	11.00
			44	5220	20.00	17.25	20.00	17.25	20.00	14.00	20.00	13.25	20.00	12.25	20.00	11.00
			48	5240	20.00	17.25	20.00	17.25	20.00	14.00	20.00	13.25	20.00	12.25	20.00	11.00
		802.11n/ac 40 MHz	38	5190	17.50	17.25	17.50	17.25	17.50	14.00	17.50	13.25	17.50	12.25	17.50	11.00
			46	5230	20.00	17.25	20.00	17.25	20.00	14.00	20.00	13.25	20.00	12.25	20.00	11.00
	U-NII-2A 5.3 GHz (SISO)	802.11a 20 MHz	52	5260	20.00	16.50	20.00	16.50	20.00	13.25	20.00	12.50	20.00	11.50	20.00	10.25
			56	5280	20.00	16.50	20.00	16.50	20.00	13.25	20.00	12.50	20.00	11.50	20.00	10.25
			60	5300	20.00	16.50	20.00	16.50	20.00	13.25	20.00	12.50	20.00	11.50	20.00	10.25
			64	5320	20.00	16.50	20.00	16.50	20.00	13.25	20.00	12.50	20.00	11.50	20.00	10.25
		802.11n/ac 40 MHz	54	5270	20.00	16.50	20.00	16.50	20.00	13.25	20.00	12.50	20.00	11.50	20.00	10.25
			62	5310	17.50	16.50	17.50	16.50	17.50	13.25	17.50	12.50	17.50	11.50	17.50	10.25
		802.11ac 80 MHz	58	5290	17.50	16.50	17.50	16.50	17.50	13.25	17.50	12.50	17.50	11.50	17.50	10.25
			50	5250	16.50	16.50	16.50	16.50	16.50	13.25	16.50	12.50	16.50	11.50	16.50	10.25
	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	18.80	15.25	18.80	15.25	18.80	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			104	5520	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			108	5540	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			112	5560	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			116	5580	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			120	5600	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			124	5620	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			128	5640	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			132	5660	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			136	5680	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			140	5700	18.50	15.25	18.50	15.25	18.50	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			144	5720	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
		802.11n/ac 40 MHz	102	5510	16.50	15.25	16.50	15.25	16.50	12.00	16.50	11.25	16.50	10.25	16.25	9.00
			110	5550	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			118	5590	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			126	5630	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
		802.11ac 80 MHz	134	5670	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			142	5710	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			106	5530	17.70	15.25	17.70	15.25	17.70	12.00	17.70	11.25	17.50	10.25	16.25	9.00
			122	5610	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
		802.11ac 160 MHz	138	5690	20.00	15.25	20.00	15.25	19.25	12.00	18.50	11.25	17.50	10.25	16.25	9.00
			114	5570	16.50	15.25	16.50	15.25	16.50	12.00	16.50	11.25	16.50	10.25	16.25	9.00
	U-NII-3 5.8 GHz (SISO)	802.11a 20 MHz	149	5745	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
			153	5765	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
			157	5785	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
			161	5805	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
			165	5825	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
		802.11n/ac 40 MHz	151	5755	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
			159	5795	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
		802.11ac 80 MHz	155	5775	20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
					20.00	16.00	20.00	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75

Wi-Fi 5 GHz Measured Results

The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures.

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n then ac) is selected.

SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum output power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band. Additional output power measurements were not deemed necessary.

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power States 1	ANT5	U-NII 2A	802.11n HT40	54	5270	18.30	19.50	U-NII 1	802.11n HT40	38	5190	16.10	17.50
				62	5310	16.50	17.50			46	5230	18.20	19.50
		U-NII 2C	802.11ac VHT80	106	5530	14.80	16.00	U-NII 2C	802.11ac VHT80	106	5530	14.50	16.00
				122	5610	18.10	19.50			122	5610	17.92	19.25
				138	5690	18.30	19.50			138	5690	17.76	19.25
		U-NII 3	802.11ac VHT80	155	5775	18.10	19.50	U-NII 3	802.11ac VHT80	155	5775	18.10	19.50
	ANT6	U-NII 2A	802.11n HT40	54	5270	18.80	20.00	U-NII 1	802.11ac VHT80	42	5210	15.70	17.25
				62	5310	16.20	17.50						
		U-NII 2C	802.11ac VHT80	106	5530	16.30	17.70	U-NII 2C	802.11ac VHT160	114	5570	14.40	15.25
				122	5610	18.80	20.00						
				138	5690	18.90	20.00						
		U-NII 3	802.11ac VHT80	155	5775	18.70	20.00	U-NII 3	802.11ac VHT80	155	5775	14.60	16.00
Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 3	ANT5	U-NII 1	802.11n HT40	38	5190	16.10	17.50	U-NII 1	802.11n HT40	38	5190	16.10	17.50
				46	5230	16.80	18.50			46	5230	16.50	17.75
		U-NII 2C	802.11ac VHT80	106	5530	14.50	16.00	U-NII 2C	802.11ac VHT160	114	5570	14.40	16.00
				122	5610	16.80	18.75						
				138	5690	16.85	18.75						
		U-NII 3	802.11ac VHT80	155	5775	17.75	19.50	U-NII 3	802.11ac VHT80	155	5775	15.25	16.25
	ANT6	U-NII 2A	802.11n HT40	54	5270	18.80	20.00	U-NII 1	802.11ac VHT80	42	5210	12.90	14.00
				62	5310	16.20	17.50						
		U-NII 2C	802.11ac VHT80	106	5530	16.30	17.70	U-NII 2C	802.11ac VHT160	114	5570	10.90	12.00
				122	5610	17.75	19.25						
				138	5690	17.80	19.25						
		U-NII 3	802.11ac VHT80	155	5775	17.50	19.00	U-NII 3	802.11ac VHT80	155	5775	11.60	12.75

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 4	ANT5	U-NII 1	802.11ac VHT80	42	5210	15.60	17.00	U-NII 1	802.11ac VHT80	42	5210	15.60	17.00
Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 5	ANT5	U-NII 1	802.11ac VHT80	42	5210	15.60	16.75	U-NII 1	802.11ac VHT80	42	5210	15.60	16.00
Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 6	ANT5	U-NII 2C	802.11ac VHT160	114	5570	14.60	15.75	U-NII 2C	802.11ac VHT160	114	5570	14.60	15.00
	ANT6	U-NII 2C	802.11ac VHT160	114	5570	14.85	16.25	U-NII 2C	802.11ac VHT160	114	5570	14.85	15.00

Note(s):

1. SAR measurements were performed only once for Connectivity PS1. Connectivity PS2 has a reduced Tune-Up Limit and uses the same measured conducted power as PS1.
2. SAR measurements were performed only once for Connectivity PS3. Connectivity PS 4, 5, and 6 have reduced Tune-Up Limits and use the same measured conducted power as PS3.
3. Additional power measurements were performed for PS4/5/6 due to the transmission mode changing from PS3.
4. SAR measurements for PS 4, 5 and 6 are calculated by scaling the SAR measurements from PS3 to the maximum power of each specific PS. In cases where the maximum power for the PS is lower than the measured conducted power for PS3 this results in a scaling factor of less than 1. This was only performed for instances where the measured conducted power was within 2dB of the reduced tune-up limit. Therefore, some SAR measurements were scaled down in accordance with inquiries to FCC.

9.9. Wi-Fi 6GHz (U-NII 5-8 Bands)

When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined by applying the following steps sequentially.

- 1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same specified maximum output power.
- 2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
- 3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
- 4) When multiple transmission modes (802.11a/ax/be) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected.

The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures.

Wi-Fi 6GHz Test channels were determined in one of two ways:

- Wi-Fi 6GHz was Aggregated due to the same transmission mode being selected for SAR testing. 5 total test channels from across all U-NII 5/6/7/8 were selected.
- Wi-Fi 6GHz was Split due to different transmission modes being selected for SAR testing. A minimum of 3 test channels were selected for each individual U-NII Band.

Maximum Output Power for Wi-Fi 6GHz

The table below is the maximum output power for this device. The highlighted values indicate what the overall worst-case transmission mode will be required for SAR testing per channel. In the Wi-Fi 6GHz (Power State) table, the highlighted worst-case Low/Mid/High channels are selected for Mode A and Mode B.

Maximum Output Power (dBm)																										
Bandwidth	Band	Channel	Frequency (MHz)	SP for ANT6																						
				SISO																						
				a (SISO/C) Low Rate	a (SISO/C) Mid Rate	a (SISO/C) High Rate	11a/11b/e H20/H27/20 (SISO/C) Low Rate	11a/11b/e H20/H27/20 (SISO/C) Mid Rate	11a/11b/e H20/H27/20 (SISO/C) High Rate	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 (SISO/C)	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	a (SISO/C) Low Rate	a (SISO/C) Mid Rate	a (SISO/C) High Rate	11a/11b/e H20/H27/20 (SISO/C) Low Rate	11a/11b/e H20/H27/20 (SISO/C) Mid Rate	11a/11b/e H20/H27/20 (SISO/C) High Rate	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	
20 MHz	U-NB-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5995	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
		5	5975	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
		9-29	5995-6095	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	18.80	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
		33-61	6115-6255	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
		85-89	6275-6375	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	18.40	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
		89	6395	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	18.40	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
		95	6415	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	18.40	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
		U-NB-7	117-181	6535-6655	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50	18.50
				11a/11b/e H20/H27/20 (SISO/C) Low Rate	11a/11b/e H20/H27/20 (SISO/C) Mid Rate	11a/11b/e H20/H27/20 (SISO/C) High Rate	11a/11b/e H20/H27/20 R1/06 (SISO/C)	11a/11b/e H20/H27/20 R1/06 (SISO/C)	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11a/11b/e H20/H27/20 (SISO/C) Low Rate	11a/11b/e H20/H27/20 (SISO/C) Mid Rate	11a/11b/e H20/H27/20 (SISO/C) High Rate	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/06 (SISO/C)	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11b DHT0 R1/06_26 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	11a/11b/e H20/H27/20 R1/02 (SISO/C)	
40 MHz																										

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Low Power (Indoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																													
				LPI for ANT6										SISO										LPI for ANT5									
				a (SISO,C0) Low Rate	a (SISO,C0) Mid Rate	a (SISO,C0) High Rate	11ax/11be HE20/EHT20 (SISO,C0) Low Rate	11ax/11be HE20/EHT20 (SISO,C0) Mid Rate	11ax/11be HE20/EHT20 (SISO,C0) High Rate	11be EHT20 RU106_26 (SISO,C0)	11ax/11be HE20/EHT20 RU106 (SISO,C0)	11be EHT20 RU52 (SISO,C0)	11ax/11be HE20/EHT20 RU52 (SISO,C0)	11ax/11be HE20/EHT20 RU52 (SISO,C0)	a (SISO,C1) Low Rate	a (SISO,C1) Mid Rate	a (SISO,C1) High Rate	11ax/11be HE20/EHT20 (SISO,C1) Low Rate	11ax/11be HE20/EHT20 (SISO,C1) Mid Rate	11ax/11be HE20/EHT20 (SISO,C1) High Rate	11be EHT20 RU106_26 (SISO,C1)	11ax/11be HE20/EHT20 RU106 (SISO,C1)	11be EHT20 RU52 (SISO,C1)	11ax/11be HE20/EHT20 RU52 (SISO,C1)	11ax/11be HE20/EHT20 RU52 (SISO,C1)								
20 MHz	U-NII-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
		1	5955	9.30	9.30	9.30	9.30	9.30	9.30	6.40	5.10	5.50	3.80	1.00	10.90	10.90	10.90	10.90	10.90	10.90	7.70	6.80	7.30	5.20	2.30								
		5	5975	10.20	10.20	10.20	10.20	10.20	10.20	7.60	6.80	5.70	3.70	0.90	11.70	11.70	11.70	11.60	11.60	11.60	9.20	8.30	7.00	5.20	2.50								
		9-29	5995-6095	10.00	10.00	10.00	10.00	10.00	10.00	7.50	6.60	5.20	3.60	0.80	11.40	11.40	11.40	11.70	11.70	11.70	9.10	8.30	7.00	5.10	2.40								
		33-61	6115-6255	10.00	10.00	10.00	10.00	10.00	10.00	7.60	6.80	5.50	3.70	0.90	11.60	11.60	11.60	11.70	11.70	11.70	9.20	8.30	7.10	5.10	2.40								
	65-85	6275-6375	9.60	9.60	9.60	9.60	9.60	9.60	7.20	6.20	5.10	3.10	0.40	11.40	11.40	11.40	11.60	11.60	11.60	9.20	8.20	7.00	5.00	2.50									
	89	6395	9.60	9.60	9.60	9.60	9.60	9.60	7.20	6.40	5.00	3.20	0.40	11.70	11.70	11.70	11.70	11.70	11.70	9.10	8.20	7.10	5.10	2.40									
	93	6415	9.80	9.80	9.80	9.80	9.80	9.80	7.30	6.40	5.20	3.20	0.40	11.70	11.70	11.70	11.70	11.70	11.70	9.20	8.20	7.10	5.10	2.40									
	U-NII-6	97-113	6435-6515	10.80	10.80	10.80	10.80	10.80	10.80	8.30	7.50	6.20	4.40	1.70	11.20	11.20	11.20	11.40	11.40	11.40	8.60	8.00	6.70	4.80	2.10								
	U-NII-7	117-181	6535-6655	9.10	9.10	9.10	9.10	9.10	9.10	6.90	5.80	4.80	2.90	0.00	8.40	8.40	8.40	8.60	8.60	8.60	5.90	5.10	3.90	2.00	-0.80								
U-NII-8	185	6675	9.30	9.30	9.30	9.30	9.30	9.30	7.00	6.10	4.90	2.90	0.30	8.50	8.50	8.50	8.50	8.50	8.50	6.00	5.40	4.20	2.30	-0.60									
	189-225	6695-7075	10.10	10.10	10.10	10.10	10.10	10.10	7.50	6.60	5.20	3.50	0.70	11.80	11.80	11.80	11.70	11.70	11.70	9.60	8.30	7.20	5.40	2.70									
	229	7095	10.30	10.30	10.30	10.30	10.30	10.30	7.70	6.70	5.60	3.70	1.00	11.90	11.90	11.90	11.90	11.90	11.90	9.60	8.70	7.40	5.40	2.70									
	233	7115	-5.50	-5.50	-5.50	NS	NS	NS	NS	NS	NS	NS	NS	-5.50	-5.50	-5.50	NS	NS	NS	NS	NS	NS	NS	NS									
40 MHz	U-NII-5	3	5965	12.20	12.20	12.20	6.10	5.10	5.40	3.70	0.90			13.80	13.80	13.80	7.60	6.80	7.00	5.20	2.30												
		11	6005	13.10	13.10	13.10	7.50	6.70	5.50	3.60	0.80			14.70	14.70	14.70	9.30	8.30	6.90	5.10	2.50												
		19-27	6045-6085	12.90	12.90	12.90	7.50	6.60	5.20	3.60	0.90			14.50	14.50	14.50	9.10	8.30	7.00	5.20	2.30												
		35-59	6125-6245	13.00	13.00	13.00	7.60	6.80	5.50	3.70	0.90			14.50	14.50	14.50	9.20	8.30	7.10	5.00	2.40												
		67-75	6285-6325	12.60	12.60	12.60	7.20	6.20	5.10	3.10	0.40			14.60	14.60	14.60	9.20	8.20	7.00	5.00	2.40												
		83	6365	12.50	12.50	12.50	7.20	6.10	4.80	3.20	0.40			14.60	14.60	14.60	9.10	8.20	7.00	5.10	2.30												
		91	6405	12.60	12.60	12.60	7.20	6.10	5.00	3.20	0.40			14.60	14.60	14.60	9.10	8.20	7.00	5.10	2.30												
		U-NII-6	99-107	6445-6485	13.90	13.90	13.90	8.30	7.50	6.10	4.40	1.70			14.30	14.30	14.30	8.70	8.00	6.70	4.80	2.10											
	U-NII-7	115	6525	12.30	12.30	12.30	6.90	6.20	4.90	3.00	0.30			11.70	11.70	11.70	5.90	5.30	3.90	2.20	-0.70												
	U-NII-8	123-179	6565-6845	12.20	12.20	12.20	6.90	5.80	4.80	2.90	0.00			11.40	11.40	11.40	5.90	5.10	3.90	2.00	-0.90												
	U-NII-8	187	6885	12.40	12.40	12.40	7.00	6.10	4.50	2.90	0.30			11.60	11.60	11.60	6.00	5.30	4.10	2.20	-0.60												
		195-219	6925-7045	12.80	12.80	12.80	7.50	6.60	5.30	3.50	0.70			14.90	14.90	14.90	9.10	8.30	7.20	5.40	2.60												
		227	7085	13.10	13.10	13.10	7.50	6.70	5.50	3.50	0.80			15.00	15.00	15.00	9.30	8.60	7.30	5.40	2.70												
80 MHz	U-NII-5	7	5985	15.20	15.20	15.20	13.50	6.20	5.10	5.50	3.60	0.80		16.70	16.70	16.70	15.00	7.70	6.80	7.00	5.10	2.30											
		23	6065	16.00	16.00	16.00	14.50	7.60	6.60	5.20	3.60	0.90		17.80	17.80	17.80	16.00	9.10	8.30	7.00	5.10	2.40											
		39-55	6145-6225	16.10	16.10	16.10	14.70	7.60	6.80	5.50	3.60	0.90		17.60	17.60	17.60	16.20	9.20	8.30	7.10	5.10	2.40											
		71	6305	15.50	15.50	15.50	14.10	7.20	6.20	5.00	3.10	0.40		17.50	17.50	17.50	16.10	9.10	8.20	7.00	5.00	2.30											
		87	6385	15.60	15.60	15.60	14.10	7.20	6.30	5.00	3.20	0.40		17.60	17.60	17.60	16.30	9.10	8.20	7.00	5.10	2.40											
	U-NII-6	103	6465	16.80	16.80	16.80	15.40	8.30	7.50	6.20	4.40	1.60		17.10	17.10	17.10	15.80	8.70	8.00	6.70	4.80	2.10											
	U-NII-7	119	6545	15.50	15.50	15.50	14.10	6.90	6.10	4.80	2.90	0.10		14.70	14.70	14.70	13.10	5.90	5.30	3.90	2.20	-0.60											
	U-NII-8	135-167	6625-6785	15.30	15.30	15.30	13.80	6.90	5.80	4.80	2.60	0.00		14.40	14.40	14.40	13.00	5.90	5.10	3.90	2.00	-0.80											
	U-NII-8	183	6865	15.30	15.30	15.30	14.00	6.90	6.00	4.50	2.90	0.30		14.60	14.60	14.60	13.30	6.00	5.20	4.10	2.20	-0.80											
		199	6945	16.20	16.20	16.20	14.60	7.50	6.70	5.40	3.50	1.00		17.90	17.90	17.90	16.50	9.40	8.30	7.30	5.40	2.70											
		215	7025	16.10	16.10	16.10	14.60	7.50	6.60	5.30	3.60	0.70		17.90	17.90	17.90	16.40	9.00	8.40	7.20	5.20	2.70											
160 MHz	U-NII-5	15	6025	18.40	18.40	18.40	17.80	16.50	13.50	6.40	5.10	5.20	3.60	0.80	18.50	18.50	18.50	18.50	18.00	15.00	7.70	6.80	6.90	5.00	2.10								
		47	6185	19.00	19.00	19.00	18.40	17.50	14.60	7.60	6.80	5.50	3.70	0.60	18.50	18.50	18.50	18.50	17.80	16.20	9.20	8.30	7.10	5.10	2.40								
		79	6345	18.30	18.30	18.30	17.40	17.10	13.90	7.20	6.20	5.00	3.10	0.40	18.50	18.50	18.50	18.50	18.10	16.10	9.10	8.20	7.00	5.00	2.30								
	U-NII-6	111	6505	18.30	18.30	18.30	17.60	16.80	13.70	6.90	6.00	4.80	2.90	0.10	17.30	17.30	17.30	16.80	15.00	13.10	5.90	5.30	3.90	2.10	-0.60								
	U-NII-7	143	6665	18.30	18.30	18.30	17.60	16.90	13.50	6.50	5.80	4.80	2.60	0.20	17.10	17.10	17.10	16.70	14.70	12.90	6.60	5.10	4.00	2.00	-0.80								
	U-NII-8	175	6825	18.20	18.20	18.20	17.30	16.70	13.50	6.90	6.00	4.60	2.90	0.00	17.50	17.50	17.50	16.50	14.80	13.30	5.90	5.20	3.90	2.10	-0.90								
		207	6985	19.00	19.00	19.00	18.40	17.60	14.20	7.50	6.60	5.30	3.50	0.70	18.50	18.50	18.50	18.50	18.10	16.40	9.10	8.30	7.20	5.40	2.70								

				Maximum Output Power (dBm)																																
Bandwidth	Band	Channel	Frequency (MHz)	MIMO																																
				LPI for ANTS / ANTS																																
				a (2Tb, CDD) Low Rate	a (2Tb, CDD) Mid Rate	a (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Low Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) Mid Rate	11a/11b HE/HS/HT/HTS (2Tb, CDD) High Rate			
2	5855	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
1	5895	4.00	4.00	4.00	4.00	4.00	4.00	0.80	-0.20	-0.20	-1.70	-4.60	7.00	7.00	7.00	3.80	2.80	3.20	1.30	-1.60	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
5	6025	4.70	4.70	4.70	4.70	4.70	4.70	2.30	1.40	0.10	-1.70	-4.40	7.70	7.70	7.70	5.30	4.40	3.10	1.30	-1.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
5-26	6095-6095	4.50	4.50	4.50	4.70	4.70	4.70	2.20	1.30	0.10	-1.80	-4.50	7.70	7.70	7.70	5.20	4.30	2.90	1.20	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
33-61	6115-6235	4.70	4.70	4.70	4.70	4.70	4.70	2.30	1.40	0.20	-1.80	-4.50	7.70	7.70	7.70	5.30	4.40	3.20	1.20	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
65-68	6275-6375	4.30	4.30	4.30	4.50	4.50	4.50	2.10	1.10	-0.10	-1.10	-4.70	7.50	7.50	7.50	5.10	4.10	2.90	0.90	-1.70	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
80	6395	4.50	4.50	4.50	4.50	4.50	4.50	2.00	1.10	-0.10	-2.00	-4.70	7.50	7.50	7.50	5.00	4.10	2.80	1.00	-1.70	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
91	6415	4.30	4.30	4.30	4.50	4.50	4.50	2.00	1.10	-0.10	-2.00	-4.70	7.50	7.50	7.50	5.10	4.10	3.00	1.00	-1.70	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
UNH-6	97-113	6455-6515	4.50	4.50	4.50	5.00	5.00	2.30	1.70	0.40	-1.50	-4.20	8.00	8.00	8.00	5.30	4.70	3.40	1.50	-1.20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
UNH-7	117-181	6535-6655	2.70	2.70	2.70	2.70	2.70	0.70	0.10	-0.80	-1.70	-3.60	6.70	6.70	6.70	3.70	2.40	1.10	-0.80	-3.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
185	6675	2.30	2.30	2.30	2.30	2.30	2.30	0.40	-0.30	-1.50	-3.50	-6.20	5.50	5.50	5.50	3.40	2.70	1.50	-0.50	-3.20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
189-225	6695-6795	4.60	4.60	4.60	4.60	4.60	4.60	1.90	-0.10	-1.70	-4.50	7.60	7.60	7.60	4.80	4.20	2.90	1.10	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
229	7055	4.80	4.80	4.80	4.80	4.80	4.80	2.50	1.50	0.30	-1.70	-4.60	7.80	7.80	7.80	5.50	4.50	3.30	1.30	-1.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
233	7115	-6.50	-6.50	-6.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE		
20 MHz	UNH-5	3	6685	6.50	6.50	6.50	0.70	-0.20	0.10	-1.70	-4.60	9.50	9.50	3.70	2.80	3.10	1.30	-1.60	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		11	6695	7.80	7.80	7.80	2.20	1.40	0.00	-1.80	-4.50	10.80	10.80	10.80	5.20	4.40	3.00	1.20	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE		
		19-27	6695-6695	7.80	7.80	7.80	2.20	1.30	-0.10	-1.70	-4.60	10.60	10.60	10.60	5.20	4.30	2.90	1.30	-1.60	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		35-59	6125-6245	7.80	7.80	7.80	2.30	1.40	0.20	-1.80	-4.50	10.60	10.60	10.60	5.30	4.40	3.20	1.10	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		61-75	6305-6385	7.50	7.50	7.50	2.10	1.10	-0.10	-2.10	-4.70	10.50	10.50	10.50	5.10	4.10	2.80	0.90	-1.70	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		81	6385	7.40	7.40	7.40	2.00	1.00	-0.30	-2.00	-4.80	10.40	10.40	10.40	5.00	4.00	2.70	1.00	-1.80	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		105-107	6445-6445	8.50	8.50	8.50	2.40	1.70	0.30	-1.50	-4.20	11.00	11.00	5.40	4.70	3.30	1.50	-1.20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		115	6525	5.00	5.00	5.00	0.30	-0.20	-1.70	-3.60	8.50	8.50	8.50	3.30	2.70	1.20	-0.40	-3.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		UNH-7	123-179	6565-6645	5.00	5.00	5.00	0.30	-0.20	-1.70	-3.60	8.50	8.50	8.50	3.30	2.40	1.30	-0.20	-3.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
		187	6685	6.00	6.00	6.00	0.40	-0.30	-1.80	-3.50	-6.40	9.00	9.00	3.40	2.70	1.10	-0.50	-3.20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
40 MHz	UNH-5	195-219	6695-7045	7.60	7.60	7.60	2.00	1.20	0.10	-1.70	-4.50	10.60	10.60	10.60	5.00	4.20	3.10	1.30	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
		227	7055	7.80	7.80	7.80	2.20	1.50	0.20	-1.70	-4.40	10.90	10.90	10.90	5.20	4.50	3.20	1.30	-1.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE		
		7	6685	9.80	9.80	9.80	8.10	0.80	-0.20	0.10	-1.80	-4.60	12.80	12.80	12.80	11.10	3.80	3.10	1.20	-1.80	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		23	6695	10.70	10.70	10.70	9.10	2.20	1.30	-0.10	-1.80	-4.60	13.70	13.70	13.70	12.10	5.20	4.30	2.80	1.20	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		30-56	6140-6200	10.70	10.70	10.70	9.30	2.20	1.40	0.20	-1.80	-4.60	13.70	13.70	13.70	12.30	5.30	4.40	3.20	1.20	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		71	6385	10.40	10.40	10.40	9.00	2.90	1.10	-0.10	-2.10	-4.80	13.40	13.40	13.40	12.00	5.00	4.10	2.90	0.90	-1.80	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
80 MHz	UNH-5	87	6385	10.50	10.50	10.50	9.00	2.90	1.10	-0.10	-2.00	-4.70	13.50	13.50	13.50	12.00	5.00	4.10	2.90	1.00	-1.70	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
		103	6485	10.80	10.80	10.80	9.50	2.40	1.70	0.40	-1.50	-4.20	13.80	13.80	13.80	12.50	5.40	4.70	3.40	1.50	-1.20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		119	6545	9.10	9.10	9.10	7.50	0.80	-0.50	-1.70	-3.80	-4.30	12.10	12.10	12.10	10.50	3.30	2.70	1.30	-0.50	-3.30	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		UNH-7	155-167	6565-6705	8.80	8.80	8.80	7.40	0.20	-0.80	-1.70	-3.80	-4.40	11.80	11.80	11.80	10.40	3.30	2.40	1.30	-0.20	-3.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
		183	6685	8.90	8.90	8.90	7.80	0.40	-0.40	-1.90	-3.90	-6.40	11.00	11.00	11.00	10.80	3.40	2.80	1.20	-0.50	-3.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		215	7055	10.80	10.80	10.80	9.30	1.90	1.30	0.10	-1.90	-4.50	13.80	13.80	13.80	12.50	5.40	4.30	3.10	1.10	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
160 MHz	UNH-5	215	7055	10.80	10.80	10.80	9.30	1.90	1.30	0.10	-1.90	-4.50	13.80	13.80	13.80	12.50	5.40	4.30	3.10	1.10	-1.50	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		71	6385	13.20	13.20	13.20	11.80	3.80	2.00	1.10	-0.10	-2.10	-4.80	16.20	16.20	16.20	15.80	11.80	5.50	4.10	2.50	0.90	-1.80	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		UNH-6	111	6620	11.70	11.70	11.70	11.20	10.20	7.30	0.30	-0.40	-1.70	-3.50	-6.90	14.70	14.70	14.70	13.20	10.30	5.30	2.60	1.30	-0.50	-3.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
		UNH-7	143	6685	11.80	11.80	11.80	11.10	10.20	7.10	0.40	-0.40	-1.60	-3.80	-6.40	14.80	14.80	14.80	13.20	10.30	5.40	2.40	1.40	-0.20	-3.40	NE	NE	NE	NE	NE	NE	NE	NE	NE		
		155	6695	11.90	11.90	11.90	11.20	10.20	7.30	0.40	-0.40	-1.60	-3.80	-6.40	14.90	14.90	14.90	13.30	10.30	5.50	2.50	1.30	-0.20	-3.40	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE		
		207	6695	13.80	13.80	13.80	12.20	10.00	2.00	1.20																										

Very Low Power (Indoor/Outdoor)

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Wi-Fi 6GHz (Power States) for SAR Power

For 6 GHz band, there are use 6 difference Power States(PS):

Connectivity Power State	Cellular (2 PS)	Connectivity (6 PS)	802.15.4ab (1 PS)
Connectivity PS1	OFF	ON	OFF
Connectivity PS2	OFF	ON	ON
Connectivity PS3	ON PS2	ON	OFF
Connectivity PS4	ON PS2	ON	ON
Connectivity PS5	ON PS1	ON	OFF
Connectivity PS6	ON PS1	ON	ON

1. Connectivity refers to the following technologies: Wi-Fi 2.4/5/6 GHz, Bluetooth 2.4 GHz, NB-UNII, and 802.15.4.
2. Cellular PS1: Combines with Connectivity PS5 and PS6.
3. Cellular PS2: Combines with Connectivity PS3 and PS4.
4. 802.15.4ab only combines with Connectivity PS 2, 4, and 6.
5. SAR measurements were performed only once for Cellular PS1. Cellular PS2 has a reduced Tune-Up Limit and uses the same measured conducted power as PS1.

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-5	802.11a 20 MHz	1	5955	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			5	5975	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			9	5995	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			13-29	6015-6095	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			33-61	6115-6255	18.25	18.25	18.25	18.25	17.25	17.25	16.50	16.50	15.50	15.50	14.25	14.25
			65-85	6275-6375	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
			89	6395	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
			93	6415	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
		802.11ax 40 MHz	3	5965	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			11	6005	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			19-27	6045-6085	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			35-59	6125-6245	18.25	18.25	18.25	18.25	17.25	17.25	16.50	16.50	15.50	15.50	14.25	14.25
			67-75	6285-6325	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
			83	6365	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
			91	6405	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
		802.11ax 80 MHz	7	5985	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			23	6065	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			39-55	6145-6225	18.25	18.25	18.25	18.25	17.25	17.25	16.50	16.50	15.50	15.50	14.25	14.25
			71	6305	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
		802.11ax 160 MHz	87	6385	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
			15	6025	17.00	17.00	17.00	17.00	15.75	15.75	15.00	15.00	14.00	14.00	12.75	12.75
			47	6185	18.25	18.25	18.25	18.25	17.25	17.25	16.50	16.50	15.50	15.50	14.25	14.25
			79	6345	17.25	17.25	17.25	17.25	16.25	16.25	15.50	15.50	14.50	14.50	13.25	13.25
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
	Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6					
	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B		
	U-NII-6	802.11a 20 MHz	97-109	6435-6495	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.00	11.00
			113	6515	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.00	11.00
		802.11ax 40 MHz	99-107	6445-6485	14.30	14.30	14.30	14.30	14.00	14.00	13.25	13.25	12.25	12.25	11.00	11.00
			115	6525	11.70	11.70	11.70	11.70	11.70	11.70	11.70	11.70	11.70	11.70	11.00	11.00
		802.11ax 80 MHz	103	6465	15.25	15.25	15.25	15.25	14.00	14.00	13.25	13.25	12.25	12.25	11.00	11.00
	802.11ax 160 MHz	111	6505	15.25	15.25	15.25	15.25	14.00	14.00	13.25	13.25	12.25	12.25	11.00	11.00	
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
	Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6					
	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B		
	U-NII-7	802.11a 20 MHz	117-125	6535-6575	15.25	15.25	15.25	15.25	14.00	14.00	13.25	13.25	12.25	12.25	11.00	11.00
			129-157	6595-6735	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			161-181	6735-6855	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			185	6875	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	
		802.11ax 40 MHz	123	6565	15.25	15.25	15.25	15.25	14.00	14.00	13.25	13.25	12.25	12.25	11.00	11.00
			131-155	6605-6725	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			163-179	6765-6845	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			119	6545	14.70	14.70	14.70	14.70	14.00	14.00	13.25	13.25	12.25	12.25	11.00	11.00
		802.11ax 80 MHz	135-151	6625-6705	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			167	6785	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			183	6865	14.60	14.60	14.60	14.60	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
		802.11ax 160 MHz	143	6665	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			175	6825	15.25	15.25	15.25	15.25	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
		Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)										
	Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6					
	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B		
	U-NII-8	802.11a 20 MHz	189-225	6895-7075	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.80	11.50	11.50
			229	7095	11.90	11.90	11.90	11.90	11.90	11.90	11.90	11.90	11.90	11.90	11.50	11.50
			233	7115	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	
		802.11ax 40 MHz	187	6885	11.60	11.60	11.60	11.60	11.60	11.60	11.60	11.60	11.60	11.60	11.50	11.50
			195-203	6925-6965	14.90	14.90	14.90	14.90	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			211-219	7005-7045	14.90	14.90	14.90	14.90	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
			227	7085	15.00	15.00	15.00	15.00	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50
802.11ax 80 MHz		199	6945	15.50	15.50	15.50	15.50	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50	
		215	7025	15.50	15.50	15.50	15.50	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50	
802.11ax 160 MHz		207	6985	15.50	15.50	15.50	15.50	14.50	14.50	13.75	13.75	12.75	12.75	11.50	11.50	

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)												
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6		
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	
ANT6	U-NII-5	802.11a 20 MHz	1	5955	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			5	5975	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			9	5995	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			13-29	6015-6095	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			33-61	6115-6255	8.75	8.75	8.75	8.75	8.50	8.50	7.75	7.75	6.75	6.75	5.50	5.50	
			65-85	6275-6375	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
			89	6395	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
			93	6415	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
		802.11ax 40 MHz	3	5965	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			11	6005	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			19-27	6045-6085	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			35-59	6125-6245	8.75	8.75	8.75	8.75	8.50	8.50	7.75	7.75	6.75	6.75	5.50	5.50	
			67-75	6285-6325	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
			83	6365	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
			91	6405	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
		802.11ax 80 MHz	7	5985	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			23	6065	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			39-55	6145-6225	8.75	8.75	8.75	8.75	8.50	8.50	7.75	7.75	6.75	6.75	5.50	5.50	
			71	6305	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
			87	6385	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
		802.11ax 160 MHz	15	6025	9.25	9.25	9.25	9.25	8.00	8.00	7.25	7.25	6.25	6.25	5.00	5.00	
			47	6185	8.75	8.75	8.75	8.75	8.50	8.50	7.75	7.75	6.75	6.75	5.50	5.50	
			79	6345	8.50	8.50	8.50	8.50	8.25	8.25	7.50	7.50	6.50	6.50	5.25	5.25	
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)												
	U-NII-6	802.11a 20 MHz	97-109	6435-6495	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
			113	6515	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
		802.11ax 40 MHz	99-107	6445-6485	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
			115	6525	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
		802.11ax 80 MHz	103	6465	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
		802.11ax 160 MHz	111	6505	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
		Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
		U-NII-7	802.11a 20 MHz	117-125	6535-6575	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00
				129-157	6595-6735	10.50	10.50	10.50	10.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75
				161-181	6735-6855	9.50	9.50	9.50	9.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75
	185			6875	9.30	9.30	9.30	9.30	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
	802.11ax 40 MHz		123	6565	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
			131-155	6605-6725	10.50	10.50	10.50	10.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
			163-179	6765-6845	9.50	9.50	9.50	9.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
			119	6545	9.75	9.75	9.75	9.75	9.00	9.00	8.25	8.25	7.25	7.25	6.00	6.00	
	802.11ax 80 MHz		135-151	6625-6705	10.50	10.50	10.50	10.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
			167	6785	9.50	9.50	9.50	9.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
			183	6865	9.50	9.50	9.50	9.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
			143	6665	10.50	10.50	10.50	10.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
	802.11ax 160 MHz		175	6825	9.50	9.50	9.50	9.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
	Mode		Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
	U-NII-8	802.11a 20 MHz	189-225	6895-7075	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	
			229	7095	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	
			233	7115	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	
		802.11ax 40 MHz	187	6885	9.50	9.50	9.50	9.50	8.75	8.75	8.00	8.00	7.00	7.00	5.75	5.75	
			195-203	6925-6965	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	
			211-219	7005-7045	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	
			227	7085	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	
		802.11ax 80 MHz	199	6945	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	
			215	7025	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	
		802.11ax 160 MHz	207	6985	10.00	10.00	10.00	10.00	9.25	9.25	8.50	8.50	7.50	7.50	6.25	6.25	

Wi-Fi 6GHz Measured Results

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr
Power States 1	ANT5	U-NII 5	802.11ax HE160	15	6025	15.73	17.00	U-NII 5	802.11ax HE160	15	6025	15.73	17.00
				47	6185	17.00	18.25			47	6185	17.00	18.25
				79	6345	15.66	17.25			79	6345	15.66	17.25
		U-NII 6	802.11ax HE160	111	6505	14.15	15.25	U-NII 6	802.11ax HE160	111	6505	14.15	15.25
		U-NII 7	802.11ax HE160	143	6665	14.00	15.25	U-NII 7	802.11ax HE160	143	6665	14.00	15.25
				175	6825	13.75	15.25			175	6825	13.75	15.25
		U-NII 8	802.11ax HE160	207	6985	14.00	15.50	U-NII 8	802.11ax HE160	207	6985	14.00	15.50
	ANT6	U-NII 5	802.11ax HE160	15	6025	7.85	9.25	U-NII 5	802.11ax HE160	15	6025	7.85	9.25
				47	6185	7.25	8.75			47	6185	7.25	8.75
				79	6345	7.50	8.50			79	6345	7.50	8.50
		U-NII 6	802.11ax HE160	111	6505	8.25	9.75	U-NII 6	802.11ax HE160	111	6505	8.25	9.75
		U-NII 7	802.11ax HE160	143	6665	9.35	10.50	U-NII 7	802.11ax HE160	143	6665	9.35	10.50
				175	6825	8.20	9.50			175	6825	8.20	9.50
		U-NII 8	802.11ax HE160	207	6985	8.50	10.00	U-NII 8	802.11ax HE160	207	6985	8.50	10.00
Power State 3	ANT5	U-NII 5	802.11ax HE160	15	6025	14.50	15.75	U-NII 5	802.11ax HE160	15	6025	14.50	15.75
				47	6185	16.00	17.25			47	6185	16.00	17.25
				79	6345	14.00	16.25			79	6345	14.00	16.25
		U-NII 6	802.11ax HE160	111	6505	12.80	14.00	U-NII 6	802.11ax HE160	111	6505	12.80	14.00
		U-NII 7	802.11ax HE160	143	6665	13.20	14.50	U-NII 7	802.11ax HE160	143	6665	13.20	14.50
				175	6825	13.20	14.50			175	6825	13.20	14.50
		U-NII 8	802.11ax HE160	207	6985	13.25	14.50	U-NII 8	802.11ax HE160	207	6985	13.25	14.50
	ANT6	U-NII 5	802.11ax HE160	15	6025	6.70	8.00	U-NII 5	802.11ax HE160	15	6025	6.70	8.00
				47	6185	7.20	8.50			47	6185	7.20	8.50
				79	6345	7.05	8.25			79	6345	7.05	8.25
		U-NII 6	802.11ax HE160	111	6505	7.65	9.00	U-NII 6	802.11ax HE160	111	6505	7.65	9.00
		U-NII 7	802.11ax HE80	119	6545	7.51	9.00	U-NII 7	802.11ax HE80	119	6545	7.51	9.00
				151	6705	7.26	8.75			151	6705	7.26	8.75
				183	6865	7.30	8.75			183	6865	7.30	8.75
		U-NII 8	802.11ax HE160	207	6985	7.50	9.25	U-NII 8	802.11ax HE160	207	6985	7.50	9.25

Note(s):

- SAR measurements were performed only once for Connectivity PS1. Connectivity PS2 has a reduced Tune-Up Limit and uses the same measured conducted power as PS1.
- SAR measurements were performed only once for Connectivity PS3. Connectivity PS 4, 5, and 6 have reduced Tune-Up Limits and use the same measured conducted power as PS3.
- SAR measurements for PS 4, 5 and 6 are calculated by scaling the SAR measurements from PS3 to the maximum power of each specific PS. In cases where the maximum power for the PS is lower than the measured conducted power for PS3 this results in a scaling factor of less than 1. This was only performed for instances where the measured conducted power was within 2dB of the reduced tune-up limit. Therefore, some SAR measurements were scaled down in accordance with inquiries to FCC.

9.10. Bluetooth

According to KDB 447498 D01 apply to determine simultaneous transmission SAR test exclusion for Wi-Fi MIMO. If the sum of 1-g single transmission chain SAR measurements is $<1.6\text{W/kg}$ and/or the MIMO output power is equal or less than a single chain, then no additional SAR measurements for simultaneously at the specified maximum output power of MIMO operation.

When antennas are spatially separated to the extent that SAR distributions do not overlap and can be treated independently, SAR compliance for simultaneous transmission is determined separately for each individual antenna.

Maximum Output Power for Bluetooth (Power States)

For Bluetooth, there are use 6 difference Power States(PS):

Connectivity Power State	Cellular (2 PS)	Connectivity (6 PS)	802.15.4ab (1 PS)
Connectivity PS1	OFF	ON	OFF
Connectivity PS2	OFF	ON	ON
Connectivity PS3	ON PS2	ON	OFF
Connectivity PS4	ON PS2	ON	ON
Connectivity PS5	ON PS1	ON	OFF
Connectivity PS6	ON PS1	ON	ON

1. Connectivity refers to the following technologies: Wi-Fi 2.4/5/6 GHz, Bluetooth 2.4 GHz, NB-UNII, and 802.15.4.
2. Cellular PS1: Combines with Connectivity PS5 and PS6.
3. Cellular PS2: Combines with Connectivity PS3 and PS4.
4. 802.15.4ab only combines with Connectivity PS 2, 4, and 6.
5. SAR measurements were performed only once for Connectivity PS1 and PS3. Connectivity PS2/4/5/6 have a reduced Tune-Up Limit and uses the same measured conducted power as PS1 and PS3, respectively.

Antenna	Mode	Bands	Maximum Output Power (dBm)											
			Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
			Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT1	BDR	2.4 GHz	20.00	20.00	20.00	20.00	20.00	20.00	20.00	19.25	19.00	18.25	17.75	17.00
ANT2	BDR	2.4 GHz	19.75	20.25	19.75	20.25	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25

Note(s):

This device supports Bluetooth beamforming. SAR measurement is not required for Beamforming when the output power is equal or less than a single chain. Please refer to BT Maximum Output Power.

Bluetooth Measured Results

SAR measurement is not required for the 8PSK, BLE, and HDR. When the secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode.

Power States	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
					Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
PS1	ANT 3	GFSK	0	2402	18.60	20.00	18.60	20.00
			39	2441	18.80	20.00	18.80	20.00
			78	2480	19.00	20.00	19.00	20.00
	ANT 4	GFSK	0	2402	18.60	19.75	19.00	20.25
			39	2441	18.70	19.75	19.00	20.25
			78	2480	18.50	19.75	19.00	20.25
PS3	ANT 3	GFSK	0	2402	18.60	20.00	18.60	20.00
			39	2441	18.80	20.00	18.80	20.00
			78	2480	19.00	20.00	19.00	20.00
	ANT 4	GFSK	0	2402	15.00	16.50	16.90	18.25
			39	2441	15.20	16.50	17.10	18.25
			78	2480	15.10	16.50	16.90	18.25

Note(s):

1. ANT3 Power State 3 maximum output power and measured power are the same as Power State 1
2. SAR measurements were performed only once for Connectivity PS1. Connectivity PS2 has a reduced Tune-Up Limit and uses the same measured conducted power as PS1.
3. SAR measurements for PS 4, 5 and 6 are calculated by scaling the SAR measurements from PS3 to the maximum power of each specific PS. In cases where the maximum power for the PS is lower than the measured conducted power for PS3 this results in a scaling factor of less than 1. This was only performed for instances where the measured conducted power was within 2dB of the reduced tune-up limit. Therefore, some SAR measurements were scaled down in accordance with inquiries to FCC.

Duty Factor Measured Results

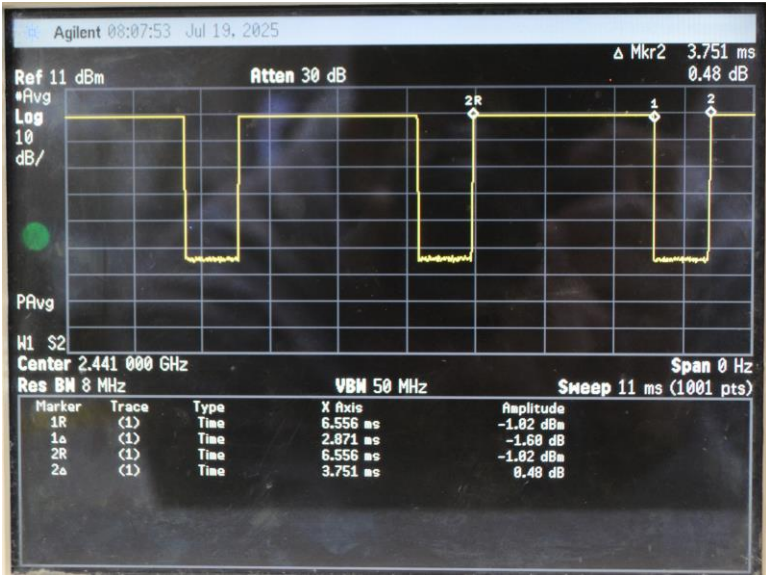
Band	Mode	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
Bluetooth 2.4GHz	BDR(GFSK)	2.871	3.751	76.54%	1.31

Note(s):

Duty Cycle = (T on / period) * 100%

Duty Cycle plots

GFSK



9.11. NB UNII

This device supports NB UNII. The radio can operate in the UNII-1, UNII-3, and UNII-5 frequency bands, depending on region of operation. Modulations include GFSK and $\pi/4$ DQPSK. Bandwidths supported are 1 MHz, 2 MHz, 4 MHz, and 8 MHz with 1 MHz channel separation.

Maximum Output Power for NB UNII (Power States)

For NB UNII, there are use 6 difference Power States(PS):

Connectivity Power State	Cellular (2 PS)	Connectivity (6 PS)	802.15.4ab (1 PS)
Connectivity PS1	OFF	ON	OFF
Connectivity PS2	OFF	ON	ON
Connectivity PS3	ON PS2	ON	OFF
Connectivity PS4	ON PS2	ON	ON
Connectivity PS5	ON PS1	ON	OFF
Connectivity PS6	ON PS1	ON	ON

1. Connectivity refers to the following technologies: Wi-Fi 2.4/5/6 GHz, Bluetooth 2.4 GHz, NB-UNII, and 802.15.4.
2. Cellular PS1: Combines with Connectivity PS5 and PS6.
3. Cellular PS2: Combines with Connectivity PS3 and PS4.
4. 802.15.4ab only combines with Connectivity PS 2, 4, and 6.
5. SAR measurements were performed only once for Connectivity PS1 and PS3. Connectivity PS2/4/5/6 have a reduced Tune-Up Limit and uses the same measured conducted power as PS1 and PS3, respectively.

Antenna	Mode	Bands	Maximum Output Power (dBm)											
			Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
			Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	All Modes	UNII 1	13.50	14.25	13.50	14.25	13.50	14.25	13.50	14.25	13.50	14.25	13.50	14.25
ANT6	All Modes	UNII 1	14.25	14.25	14.25	14.25	14.25	14.00	14.25	13.25	14.25	12.25	14.25	11.00
ANT5	All Modes	UNII 3	18.75	18.75	18.75	18.75	18.75	16.25	18.75	15.50	17.75	14.50	16.50	13.25
ANT6	All Modes	UNII 3	19.50	16.00	19.50	16.00	19.00	12.75	18.25	12.00	17.25	11.00	16.00	9.75
ANT5	All Modes	UNII 5	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
ANT6	All Modes	UNII 5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50

NB UNII Measured Results

SAR measurement is not required for the $\pi/4$ DQPSK. When the secondary mode is $\leq 1/4$ dB higher than the primary mode.

Band	Power States	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
						Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
U-NII 1	PS1	ANT5	All Rates	Low	5162	12.25	13.50	12.25	14.25
				Mid	5203	12.30	13.50	12.30	14.25
				High	5245	12.50	13.50	12.50	14.25
		ANT6	All Rates	Low	5162	13.10	14.25	13.10	14.25
				Mid	5203	12.90	14.25	12.90	14.25
				High	5245	12.90	14.25	12.90	14.25
	PS3	ANT5	All Rates	Low	5162	12.25	13.50	12.25	14.25
				Mid	5203	12.30	13.50	12.30	14.25
				High	5245	12.50	13.50	12.50	14.25
		ANT6	All Rates	Low	5162	13.10	14.25	12.35	14.00
				Mid	5203	12.90	14.25	12.60	14.00
				High	5245	12.90	14.25	12.35	14.00
U-NII 3	PS1	ANT5	All Rates	Low	5733	17.25	18.75	17.25	18.75
				Mid	5788	17.40	18.75	17.40	18.75
				High	5844	17.60	18.75	17.60	18.75
		ANT6	All Rates	Low	5733	18.10	19.50	14.50	16.00
				Mid	5788	18.20	19.50	14.40	16.00
				High	5844	18.50	19.50	15.00	16.00
	PS3	ANT5	All Rates	Low	5733	17.25	18.75	15.10	16.25
				Mid	5788	17.40	18.75	14.90	16.25
				High	5844	17.60	18.75	14.80	16.25
		ANT6	All Rates	Low	5733	17.15	19.00	11.40	12.75
				Mid	5788	17.10	19.00	11.30	12.75
				High	5844	17.00	19.00	11.30	12.75
U-NII 5	PS1	ANT5	All Rates	Low	6106	3.10	4.50	3.10	4.50
				Low-Mid	6140.5	3.20	4.50	3.20	4.50
				Mid	6175	3.10	4.50	3.10	4.50
				Mid-High	6300	3.20	4.50	3.20	4.50
				High	6425	3.20	4.50	3.20	4.50
		ANT6	All Rates	Low	6106	1.10	2.50	1.10	2.50
				Low-Mid	6140.5	1.10	2.50	1.10	2.50
				Mid	6175	1.10	2.50	1.10	2.50
				Mid-High	6300	1.00	2.50	1.00	2.50
				High	6425	1.00	2.50	1.00	2.50

Duty Factor Measured Results

Band	Mode	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
NB U-NII 5	HDRPL8 (OQPSK)	3.065	3.256	94.13%	1.06
NB U-NII 1	HDR8 ($\pi/4$ -DQPSK)	2.912	3.749	77.67%	1.29
NB U-NII 3	BDR (GFSK)	2.855	3.752	76.09%	1.31

Note(s):

Duty Cycle = (T on / period) * 100%

Duty Cycle plots

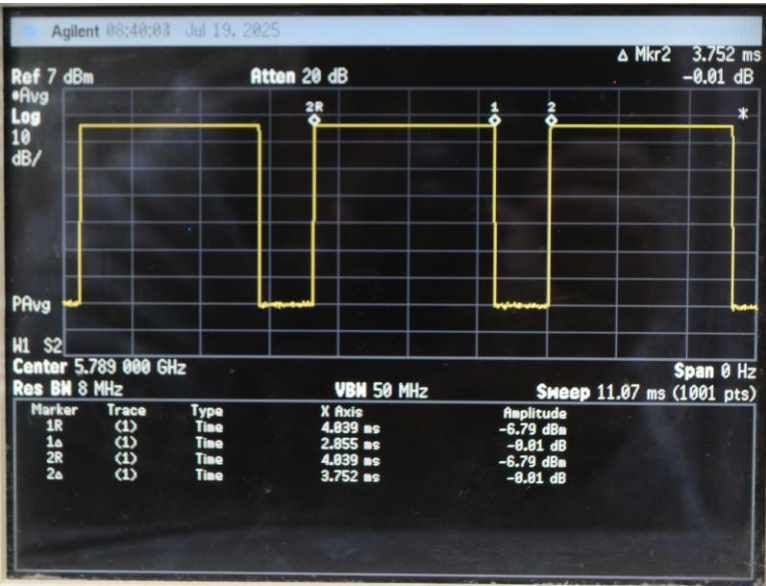
NB-UNII 5 HDRPL8



NB-UNII 1 HDR8



NB-UNII 3 BDR



9.12. MSS (Mobile Satellite Service)

This device supports Mobile Satellite Service with Tx in the L-Band (1610 – 1626.5 MHz) and Rx in the S-Band (2483.5 – 2500 MHz). Radio Astronomy Zone exclusion requirement is implemented by Geo-fencing in Software. Transmit frequency will be changed based on network direction when the Astronomy site location is detected.

Maximum Output Power for MSS

Band	Mode	Ch #	Freq. (MHz)	ANT 4			
				PS1 Power (dBm)		PS2 Power (dBm)	
				Meas Pwr	Max Power	Meas Pwr	Max Power
MSS L-Band	1-PRB SC-FDMA	Low	1610.17	23.4	25.0	23.4	24.2
		Mid	1618.40	23.4	25.0	23.4	24.2
		High	1626.03	23.4	25.0	23.4	24.2

9.13. 802.15.4

This device supports 802.15.4 in 2.4 GHz band. Modulation O-QPSK is used. 15 channels are available, each with a bandwidth of 2 MHz and a channel separation of 5 MHz, spanning from 2405 MHz to 2475 MHz.

Maximum Output Power for 802.15.4 (Power States)

For 802.15.4, there are use 6 difference Power States(PS):

Connectivity Power State	Cellular (2 PS)	Connectivity (6 PS)	802.15.4ab (1 PS)
Connectivity PS1	OFF	ON	OFF
Connectivity PS2	OFF	ON	ON
Connectivity PS3	ON PS2	ON	OFF
Connectivity PS4	ON PS2	ON	ON
Connectivity PS5	ON PS1	ON	OFF
Connectivity PS6	ON PS1	ON	ON

1. Connectivity refers to the following technologies: Wi-Fi 2.4/5/6 GHz, Bluetooth 2.4 GHz, NB-UNII, and 802.15.4.
2. Cellular PS1: Combines with Connectivity PS5 and PS6.
3. Cellular PS2: Combines with Connectivity PS3 and PS4.
4. 802.15.4ab only combines with Connectivity PS 2, 4, and 6.
5. SAR measurements were performed only once for Connectivity PS1 and PS3. Connectivity PS2/4/5/6 have a reduced Tune-Up Limit and uses the same measured conducted power as PS1 and PS3, respectively.

Antenna	Mode	Maximum Output Power (dBm)											
		Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT 3	O-QPSK	20.00	20.00	20.00	20.00	20.00	20.00	20.00	19.25	19.00	18.25	17.75	17.00
ANT 4	O-QPSK	19.75	20.25	19.75	20.25	16.50	18.25	15.75	17.50	14.75	16.50	13.50	15.25

802.15.4 Measured Results

Power States	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
					Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
PS1	ANT 3	O-QPSK	Low	2405	18.50	20.00	18.50	20.00
			Mid	2440	18.70	20.00	18.70	20.00
			High	2480	19.00	20.00	19.00	20.00
	ANT 4	O-QPSK	Low	2405	18.40	19.75	18.75	20.25
			Mid	2440	18.60	19.75	19.00	20.25
			High	2480	18.30	19.75	18.80	20.25
PS3	ANT 3	O-QPSK	Low	2405	18.50	20.00	18.50	20.00
			Mid	2440	18.70	20.00	18.70	20.00
			High	2480	19.00	20.00	19.00	20.00
	ANT 4	O-QPSK	Low	2405	15.00	16.50	17.00	18.25
			Mid	2440	15.34	16.50	17.01	18.25
			High	2480	15.22	16.50	17.00	18.25

Note(s):

1. ANT1 Power State 3 maximum output power and measured power are the same as Power State 1
2. SAR measurements were performed only once for Connectivity PS1. Connectivity PS2 has a reduced Tune-Up Limit and uses the same measured conducted power as PS1.
3. SAR measurements were performed only once for Connectivity PS3. Connectivity PS 4, 5, and 6 have reduced Tune-Up Limits and use the same measured conducted power as PS3.
4. SAR measurements for PS 4, 5 and 6 are calculated by scaling the SAR measurements from PS3 to the maximum power of each specific PS. In cases where the maximum power for the PS is lower than the measured conducted power for PS3 this results in a scaling factor of less than 1. This was only performed for instances where the measured conducted power was within 2dB of the reduced tune-up limit. Therefore, some SAR measurements were scaled down in accordance with inquiries to FCC.

Duty Factor Measured Results

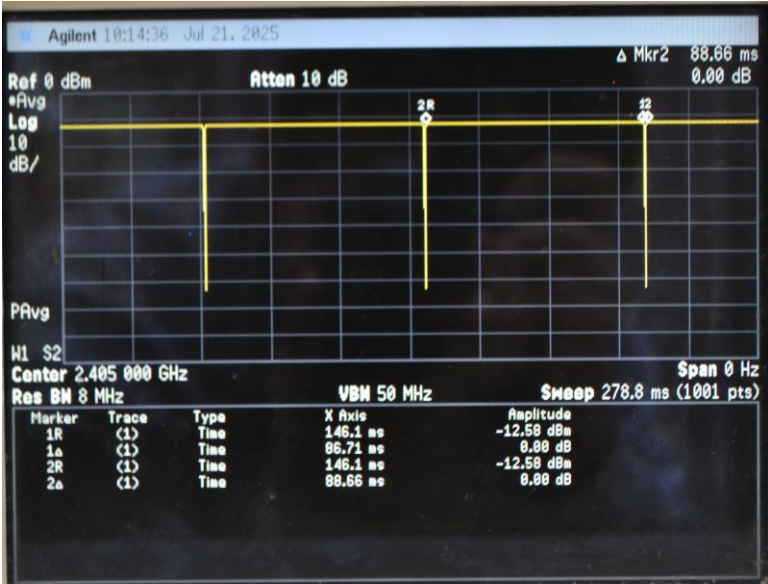
Band	Mode	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.15.4	BPSK, O-QPSK	86.710	88.66	97.80%	1.02

Note(s):

Duty Cycle = (T on / period) * 100%

Duty Cycle plots

O-QPSK



9.14. 802.15.4ab NB

This device supports 802.15.4ab - NB in the UNII-3 band. Modulation O-QPSK is used. 48 channels are available, each with bandwidth of 2.5 MHz and a channel separation of 2.5 MHz, spanning from 5728.75 MHz to 5846.25 MHz. The maximum source-based duty cycle is 8.9%, which occurs during 1000 kbps connection, with 12 parallel connections.

802.15.4ab NB Measured Results

Antenna	Band	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
					Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
ANT5	802.15.4ab NB	O-QPSK	Low	5728.75	19.50	21.00	19.00	20.50
			Mid	5786.25	19.80	21.00	19.30	20.50
			High	5846.25	19.80	21.00	19.50	20.50
Antenna	Band	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
					Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
ANT6	802.15.4ab NB	O-QPSK	Low	5728.75	17.60	19.00	15.50	16.00
			Mid	5786.25	17.70	19.00	15.60	16.00
			High	5846.25	17.80	19.00	16.00	16.00

Duty Factor Measured Results

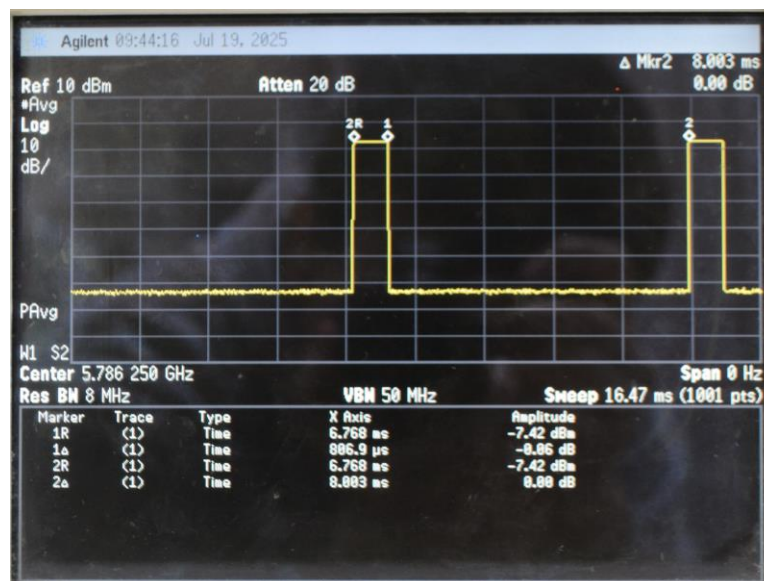
Band	Mode	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.15.4ab NB	BPSK, O-QPSK	0.8069	8.003	10.08%	9.92

Note(s):

Duty Cycle = (T on / period) * 100%

Duty Cycle plots

O-QPSK



10. Measured and Reported (Scaled) SAR Results

SAR Test Reduction criteria are as follows:

- Reported SAR(W/kg) for WWAN and Bluetooth = Measured SAR *Maximum Output Power Scaling Factor
- Reported SAR(W/kg) for Wi-Fi = Measured SAR * Maximum Output Power scaling factor * Duty Cycle scaling factor
- Duty Cycle scaling factor = 1 / Duty cycle (%)

KDB 447498 D01 General RF Exposure Guidance:

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

- ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR:

With headset attached, when the reported SAR for body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

KDB 648474 D04 Handset SAR (Phablet Only):

For smart phones, with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm.

When hotspot mode does not apply, 10-g Extremity SAR is required for all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge in direct contact with a flat phantom, to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.

10-g Extremity SAR testing is not required since all 1-g reported SAR < 1.2 W/kg for hotspot mode.

KDB 941225 D01 SAR test for 3G devices:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

- Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.
- When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
- Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.
- Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.
- Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.
- For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

KDB 248227 D01 SAR meas for 802.11:

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions. An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

The multiple test positions require SAR measurements in head, hotspot mode or UMPC mini-tablet configurations may be reduced according to the highest reported SAR determined using the initial test position(s) by applying the DSSS or OFDM SAR measurement procedures in the required wireless mode test configuration(s). The initial test position(s) is measured using the highest measured maximum output power channel in the required wireless mode test configuration(s). When the reported SAR for the initial test position is:

- ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and wireless mode combination within the frequency band or aggregated band. DSSS and OFDM configurations are considered separately according to the required SAR procedures.
- > 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions are tested.
 - For subsequent test positions with equivalent test separation distance or when exposure is dominated by coupling conditions, the position for maximum coupling condition should be tested.
 - When it is unclear, all equivalent conditions must be tested.
- For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, measure the SAR for these positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required test channels are considered.
 - The additional power measurements required for this step should be limited to those necessary for identifying subsequent highest output power channels to apply the test reduction.
- When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.
- When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

To determine the initial test position, Area Scans were performed to determine the position with the *Maximum Value of SAR (measured)*. The position that produced the highest *Maximum Value of SAR* is considered the worst-case position; thus used as the initial test position.

Connectivity Power States 3/4/5/6 Test Rationale:

SAR Testing on Power Mode 3/4/5/6 was performed on the worst-case position for each Exposure Condition derived from Power State 1. Additional test positions were run for Wi-Fi following KDB 248227. Retesting for Power State 4/5/6 was performed if the transmission mode changed between power states. This test rationale applies to Wi-Fi, Bluetooth, NB-UNII, and 802.15.4

10.1. GSM850

								Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	32.0	31.4	0.107	0.123	0.084	0.096	32.0	0.123	0.096	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	32.0	31.4	0.049	0.056	0.039	0.045	32.0	0.056	0.045	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	32.0	31.4	0.139	0.160	0.109	0.125	32.0	0.160	0.125	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	32.0	31.4	0.053	0.061	0.037	0.042	32.0	0.061	0.042	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	32.0	31.4	0.228	0.262	0.153	0.176	32.0	0.262	0.176	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	32.0	31.4	0.200	0.230	0.136	0.156	32.0	0.230	0.156	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	32.0	31.4	0.268	0.308	0.181	0.208	32.0	0.308	0.208	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	190	836.6	32.0	31.4	0.156	0.179	0.088	0.101	32.0	0.179	0.101	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	32.0	31.4	0.172	0.197	0.117	0.134	32.0	0.197	0.134	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	31.5	30.3	0.503	0.663	0.339	0.447	31.5	0.663	0.447	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	31.5	30.3	0.378	0.498	0.236	0.311	31.5	0.498	0.311	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	31.5	30.3	0.587	0.774	0.394	0.519	31.5	0.774	0.519	1
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	31.5	30.3	0.358	0.472	0.209	0.276	31.5	0.472	0.276	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	31.5	30.3	0.306	0.403	0.204	0.269	31.5	0.403	0.269	2
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	31.5	30.3	0.257	0.339	0.175	0.231	31.5	0.339	0.231	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	190	836.6	31.5	30.3	0.227	0.299	0.115	0.152	31.5	0.299	0.152	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	31.5	30.3	0.156	0.206	0.106	0.140	31.5	0.206	0.140	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	31.5	30.3	0.264	0.348	0.177	0.233	31.5	0.348	0.233	3

10.2. GSM1900

								Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	31.0	29.5	0.067	0.095	0.045	0.064	31.0	0.095	0.064	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	31.0	29.5	0.047	0.066	0.029	0.041	31.0	0.066	0.041	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	31.0	29.5	0.099	0.140	0.064	0.090	31.0	0.140	0.090	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	31.0	29.5	0.043	0.061	0.027	0.038	31.0	0.061	0.038	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	28.3	27.0	0.275	0.371	0.145	0.196	27.5	0.309	0.163	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	28.3	27.0	0.210	0.283	0.113	0.152	27.5	0.236	0.127	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	28.3	27.0	0.275	0.371	0.134	0.181	27.5	0.309	0.150	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	28.3	27.0	0.427	0.576	0.204	0.275	27.5	0.479	0.229	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	28.3	27.0	0.011	0.015	0.006	0.008	27.5	0.012	0.007	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	27.6	26.0	0.438	0.633	0.208	0.301	26.8	0.527	0.250	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	27.6	26.0	0.483	0.698	0.226	0.327	26.8	0.581	0.272	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	512	1850.2	27.6	26.4	0.724	0.954	0.383	0.505	26.8	0.794	0.420	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	27.6	26.0	0.627	0.906	0.342	0.494	26.8	0.754	0.411	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	810	1909.8	27.6	26.4	0.659	0.869	0.373	0.492	26.8	0.723	0.409	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	512	1850.2	27.6	26.4	0.667	0.879	0.320	0.422	26.8	0.731	0.351	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	27.6	26.0	0.696	1.006	0.347	0.502	26.8	0.837	0.417	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	810	1909.8	27.6	26.4	0.719	0.948	0.364	0.480	26.8	0.788	0.399	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.5	24.6	0.453	0.702	0.230	0.356	25.7	0.584	0.296	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.5	24.6	0.345	0.534	0.166	0.257	25.7	0.444	0.214	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	512	1850.2	26.5	24.8	0.621	0.919	0.288	0.426	25.7	0.764	0.354	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	26.5	24.6	0.650	1.007	0.304	0.471	25.7	0.837	0.392	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	810	1909.8	26.5	24.9	0.628	0.908	0.297	0.429	25.7	0.755	0.357	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	26.5	24.6	0.003	0.005	0.000	0.000	25.7	0.004	0.000	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	26.5	24.6	0.182	0.282	0.091	0.141	25.7	0.234	0.117	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	30.5	28.5	0.217	0.344	0.139	0.220	30.5	0.344	0.220	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	30.5	28.5	0.139	0.220	0.086	0.136	30.5	0.220	0.136	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	30.5	28.5	0.107	0.170	0.073	0.116	30.5	0.170	0.116	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	30.5	28.5	0.095	0.151	0.060	0.095	30.5	0.151	0.095	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	28.4	26.5	0.462	0.716	0.263	0.407	27.6	0.595	0.339	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	28.4	26.5	0.423	0.655	0.230	0.356	27.6	0.545	0.296	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	28.4	26.5	0.123	0.191	0.056	0.087	27.6	0.158	0.072	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	28.4	26.5	0.481	0.745	0.250	0.387	27.6	0.620	0.322	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	512	1850.2	24.3	22.7	0.635	0.918	0.315	0.455	23.5	0.763	0.379	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	24.3	22.8	0.635	0.897	0.305	0.431	23.5	0.746	0.358	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	810	1909.8	24.3	22.6	0.774	1.145	0.364	0.538	23.5	0.952	0.448	4
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	24.3	22.8	0.244	0.345	0.131	0.185	23.5	0.287	0.154	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	24.3	22.8	0.232	0.328	0.129	0.182	23.5	0.273	0.152	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	24.3	22.8	0.127	0.179	0.074	0.105	23.5	0.149	0.087	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	27.0	25.7	0.543	0.732	0.269	0.363	26.2	0.609	0.302	5
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	27.0	25.7	0.253	0.341	0.133	0.179	26.2	0.284	0.149	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	27.0	25.7	0.225	0.304	0.122	0.165	26.2	0.252	0.137	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	512	1850.2	27.0	25.6	0.763	1.053	0.364	0.502	26.2	0.876	0.418	6
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	27.0	25.7	0.664	0.896	0.308	0.415	26.2	0.745	0.346	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	810	1909.8	27.0	25.9	0.784	1.010	0.363	0.468	26.2	0.840	0.389	

10.3. W-CDMA Band 2

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Cellular PS1						Cellular PS2			Plot No.
								Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	25.7	24.3	0.084	0.116	0.057	0.079	25.7	0.116	0.079	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	25.7	24.3	0.078	0.108	0.048	0.066	25.7	0.108	0.066	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	25.7	24.3	0.185	0.255	0.117	0.162	25.7	0.255	0.162	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	25.7	24.3	0.052	0.072	0.035	0.048	25.7	0.072	0.048	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	22.3	20.9	0.467	0.645	0.247	0.341	21.5	0.536	0.284	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	22.3	20.9	0.308	0.425	0.168	0.232	21.5	0.354	0.193	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	22.3	20.9	0.395	0.545	0.192	0.265	21.5	0.454	0.220	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	22.3	20.9	0.534	0.737	0.253	0.349	21.5	0.613	0.290	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	22.3	20.9	0.012	0.017	0.007	0.010	21.5	0.014	0.008	
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	21.2	20.2	0.612	0.770	0.320	0.403	20.4	0.641	0.335	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	21.2	20.2	0.629	0.792	0.306	0.385	20.4	0.659	0.320	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9262	1852.4	21.2	20.1	0.859	1.107	0.454	0.585	20.4	0.920	0.486	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	21.2	20.2	0.868	1.093	0.480	0.604	20.4	0.909	0.503	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9538	1907.6	21.2	20.3	0.929	1.143	0.523	0.643	20.4	0.951	0.535	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9262	1852.4	21.2	20.1	0.903	1.163	0.432	0.557	20.4	0.968	0.463	7
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	21.2	20.2	0.848	1.068	0.418	0.526	20.4	0.888	0.438	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9538	1907.6	21.2	20.3	0.850	1.046	0.429	0.528	20.4	0.870	0.439	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.5	19.1	0.707	0.976	0.348	0.480	19.7	0.812	0.400	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.5	19.1	0.711	0.981	0.349	0.482	19.7	0.816	0.401	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.5	19.2	0.836	1.128	0.394	0.531	19.7	0.938	0.442	8
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.5	19.1	0.376	0.519	0.185	0.255	19.7	0.432	0.212	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9262	1852.4	20.5	19.1	0.731	1.009	0.325	0.449	19.7	0.839	0.373	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	20.5	19.1	0.728	1.005	0.326	0.450	19.7	0.836	0.374	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9538	1907.6	20.5	19.2	0.722	0.974	0.326	0.440	19.7	0.810	0.366	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	20.5	19.1	0.007	0.010	0.003	0.004	19.7	0.008	0.003	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	20.5	19.1	0.233	0.322	0.120	0.166	19.7	0.268	0.138	
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	25.5	23.9	0.333	0.481	0.211	0.305	25.5	0.481	0.305	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	25.5	23.9	0.208	0.301	0.128	0.185	25.5	0.301	0.185	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	25.5	23.9	0.160	0.231	0.108	0.156	25.5	0.231	0.156	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	25.5	23.9	0.173	0.250	0.110	0.159	25.5	0.250	0.159	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	22.4	20.9	0.561	0.792	0.318	0.449	21.6	0.659	0.374	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	22.4	20.7	0.560	0.828	0.315	0.466	21.6	0.689	0.388	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	22.4	20.8	0.584	0.844	0.325	0.470	21.6	0.702	0.391	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	22.4	20.7	0.450	0.666	0.250	0.370	21.6	0.554	0.308	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	22.4	20.7	0.154	0.228	0.071	0.105	21.6	0.189	0.087	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9262	1852.4	22.4	20.9	0.568	0.802	0.304	0.429	21.6	0.667	0.357	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	22.4	20.7	0.592	0.876	0.309	0.457	21.6	0.728	0.380	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9538	1907.6	22.4	20.8	0.711	1.028	0.368	0.532	21.6	0.855	0.442	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9262	1852.4	18.3	16.8	0.645	0.911	0.319	0.451	17.5	0.758	0.375	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	18.3	16.8	0.721	1.018	0.344	0.486	17.5	0.847	0.404	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9538	1907.6	18.3	17.0	0.803	1.083	0.373	0.503	17.5	0.901	0.419	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	18.3	16.8	0.248	0.350	0.133	0.188	17.5	0.291	0.156	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	18.3	16.8	0.241	0.340	0.132	0.186	17.5	0.283	0.155	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	18.3	16.8	0.139	0.196	0.081	0.114	17.5	0.163	0.095	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.7	19.6	0.624	0.804	0.307	0.395	19.9	0.669	0.329	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.7	19.6	0.668	0.861	0.323	0.416	19.9	0.716	0.346	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.7	19.8	0.705	0.867	0.334	0.411	19.9	0.721	0.342	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.7	19.6	0.475	0.612	0.246	0.317	19.9	0.509	0.264	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	20.7	19.6	0.229	0.295	0.126	0.162	19.9	0.245	0.135	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9262	1852.4	20.7	19.6	0.827	1.065	0.397	0.511	19.9	0.886	0.425	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	20.7	19.6	0.840	1.082	0.395	0.509	19.9	0.900	0.423	9
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9538	1907.6	20.7	19.8	0.787	0.968	0.363	0.447	19.9	0.805	0.371	

10.4. W-CDMA Band 4

		Cellular PS1												Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	25.7	24.5	0.068	0.090	0.047	0.062	25.7	0.090	0.062	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.7	24.5	0.029	0.038	0.020	0.026	25.7	0.038	0.026	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.7	24.5	0.084	0.111	0.057	0.075	25.7	0.111	0.075	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.7	24.5	0.047	0.062	0.032	0.042	25.7	0.062	0.042	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	21.0	20.1	0.509	0.626	0.265	0.326	20.2	0.521	0.271	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	21.0	20.1	0.346	0.426	0.176	0.217	20.2	0.354	0.180	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	21.0	20.1	0.108	0.133	0.054	0.066	20.2	0.111	0.055	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1312	1712.4	21.0	20.2	0.685	0.824	0.340	0.409	20.2	0.685	0.340	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	21.0	20.1	0.756	0.930	0.372	0.458	20.2	0.774	0.381	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1513	1752.6	21.0	20.0	0.853	1.074	0.413	0.520	20.2	0.893	0.432	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	21.0	20.1	0.040	0.049	0.021	0.026	20.2	0.041	0.021	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	18.8	17.5	0.590	0.796	0.274	0.370	18.0	0.662	0.307	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1312	1712.4	18.8	17.5	0.677	0.913	0.318	0.429	18.0	0.760	0.357	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	18.8	17.5	0.596	0.804	0.278	0.375	18.0	0.669	0.312	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1513	1752.6	18.8	17.6	0.481	0.634	0.224	0.295	18.0	0.527	0.246	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1312	1712.4	18.8	17.5	0.713	0.962	0.344	0.464	18.0	0.800	0.386	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	18.8	17.5	0.666	0.898	0.318	0.429	18.0	0.747	0.357	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1513	1752.6	18.8	17.6	0.548	0.722	0.262	0.345	18.0	0.601	0.287	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1312	1712.4	18.8	17.5	0.834	1.125	0.386	0.521	18.0	0.936	0.433	10
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	18.8	17.5	0.757	1.021	0.348	0.469	18.0	0.849	0.390	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1513	1752.6	18.8	17.6	0.619	0.816	0.288	0.380	18.0	0.679	0.316	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	18.7	17.2	0.587	0.829	0.284	0.401	17.9	0.690	0.334	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	18.7	17.2	0.621	0.877	0.302	0.427	17.9	0.730	0.355	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	18.7	17.2	0.581	0.821	0.283	0.400	17.9	0.683	0.332	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	18.7	17.2	0.401	0.566	0.193	0.273	17.9	0.471	0.227	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1312	1712.4	18.7	17.2	0.771	1.089	0.343	0.485	17.9	0.906	0.403	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	18.7	17.2	0.837	1.182	0.373	0.527	17.9	0.983	0.438	11
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1513	1752.6	18.7	17.2	0.800	1.130	0.356	0.503	17.9	0.940	0.418	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	18.7	17.2	0.011	0.016	0.006	0.008	17.9	0.013	0.007	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	18.7	17.2	0.085	0.120	0.044	0.062	17.9	0.100	0.052	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	25.5	24.2	0.304	0.410	0.200	0.270	25.5	0.410	0.270	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.5	24.2	0.198	0.267	0.131	0.177	25.5	0.267	0.177	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.5	24.2	0.162	0.219	0.111	0.150	25.5	0.219	0.150	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.5	24.2	0.160	0.216	0.105	0.142	25.5	0.216	0.142	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	22.8	21.5	0.761	1.027	0.429	0.579	22.0	0.854	0.481	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	22.8	21.4	0.753	1.039	0.432	0.596	22.0	0.865	0.496	12
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	22.8	21.5	0.750	1.012	0.435	0.587	22.0	0.842	0.488	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	22.8	21.4	0.558	0.770	0.318	0.439	22.0	0.641	0.365	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	22.8	21.4	0.184	0.254	0.101	0.139	22.0	0.211	0.116	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1312	1712.4	22.8	21.5	0.629	0.848	0.334	0.451	22.0	0.706	0.375	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	22.8	21.4	0.674	0.930	0.368	0.508	22.0	0.774	0.423	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1513	1752.6	22.8	21.5	0.671	0.905	0.369	0.498	22.0	0.753	0.414	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1312	1712.4	19.3	17.7	0.670	0.968	0.335	0.484	18.5	0.806	0.403	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	19.3	17.7	0.725	1.048	0.354	0.512	18.5	0.872	0.426	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1513	1752.6	19.3	17.6	0.756	1.118	0.363	0.537	18.5	0.930	0.447	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	19.3	17.7	0.275	0.397	0.145	0.210	18.5	0.331	0.174	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	19.3	17.7	0.332	0.480	0.180	0.260	18.5	0.399	0.216	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	19.3	17.7	0.167	0.241	0.097	0.140	18.5	0.201	0.117	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	21.6	20.0	0.692	1.000	0.346	0.500	20.8	0.832	0.416	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	21.6	20.0	0.679	0.981	0.337	0.487	20.8	0.816	0.405	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	21.6	19.9	0.667	0.987	0.325	0.481	20.8	0.821	0.400	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	21.6	20.0	0.549	0.794	0.278	0.402	20.8	0.660	0.334	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	21.6	20.0	0.199	0.288	0.100	0.145	20.8	0.239	0.120	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1312	1712.4	21.6	20.0	0.738	1.067	0.366	0.529	20.8	0.887	0.440	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	21.6	20.0	0.814	1.177	0.400	0.578	20.8	0.979	0.481	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1513	1752.6	21.6	19.9	0.759	1.123	0.366	0.541	20.8	0.934	0.450	

10.5. W-CDMA Band 5

										Cellular PS1						Cellular PS2				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.			
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	25.7	24.2	0.136	0.192	0.107	0.151	25.7	0.192	0.151				
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.7	24.2	0.081	0.114	0.065	0.092	25.7	0.114	0.092				
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.7	24.2	0.145	0.205	0.115	0.162	25.7	0.205	0.162				
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.7	24.2	0.086	0.121	0.068	0.096	25.7	0.121	0.096				
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.7	24.2	0.342	0.483	0.233	0.329	25.7	0.483	0.329				
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.7	24.2	0.179	0.253	0.121	0.171	25.7	0.253	0.171				
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.7	24.2	0.270	0.381	0.183	0.258	25.7	0.381	0.258				
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	4183	836.6	25.7	24.2	0.152	0.215	0.086	0.121	25.7	0.215	0.121				
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.7	24.2	0.165	0.233	0.112	0.158	25.7	0.233	0.158				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.			
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	4132	826.4	25.2	23.7	0.654	0.924	0.472	0.667	25.2	0.924	0.667				
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	25.2	23.8	0.675	0.932	0.446	0.616	25.2	0.932	0.616				
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	4233	846.6	25.2	23.7	0.567	0.801	0.411	0.581	25.2	0.801	0.581				
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.2	23.8	0.419	0.578	0.258	0.356	25.2	0.578	0.356				
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4132	826.4	25.2	23.7	0.667	0.942	0.492	0.695	25.2	0.942	0.695				
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.2	23.8	0.695	0.959	0.487	0.672	25.2	0.959	0.672	13			
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4233	846.6	25.2	23.7	0.662	0.935	0.453	0.640	25.2	0.935	0.640				
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.2	23.8	0.416	0.574	0.246	0.340	25.2	0.574	0.340				
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.2	23.8	0.363	0.501	0.245	0.338	25.2	0.501	0.338	14			
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.2	23.8	0.250	0.345	0.174	0.240	25.2	0.345	0.240				
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	4183	836.6	25.2	23.8	0.133	0.184	0.074	0.102	25.2	0.184	0.102				
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.2	23.8	0.145	0.200	0.100	0.138	25.2	0.200	0.138				
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.2	23.8	0.307	0.424	0.212	0.293	25.2	0.424	0.293	15			

10.6. LTE Band 5 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1					Cellular PS2				Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.7	24.4	0.144	0.194	0.113	0.152	25.7	0.194	0.152	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	25	24.7	24.3	0.138	0.151	0.108	0.118	24.7	0.151	0.118	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.7	24.4	0.077	0.104	0.061	0.082	25.7	0.104	0.082	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	25	24.7	24.3	0.073	0.080	0.058	0.064	24.7	0.080	0.064	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.7	24.4	0.146	0.197	0.115	0.155	25.7	0.197	0.155	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	25	24.7	24.3	0.136	0.149	0.107	0.117	24.7	0.149	0.117	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.7	24.4	0.109	0.147	0.085	0.115	25.7	0.147	0.115	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	25	24.7	24.3	0.103	0.113	0.081	0.089	24.7	0.113	0.089	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.7	24.4	0.304	0.410	0.208	0.281	25.7	0.410	0.281	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	25	24.7	24.3	0.296	0.325	0.201	0.220	24.7	0.325	0.220	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.7	24.4	0.190	0.256	0.131	0.177	25.7	0.256	0.177	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	25	24.7	24.3	0.185	0.203	0.128	0.140	24.7	0.203	0.140	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.7	24.4	0.316	0.426	0.208	0.281	25.7	0.426	0.281	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	25	24.7	24.3	0.302	0.331	0.200	0.219	24.7	0.331	0.219	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.7	24.4	0.120	0.162	0.068	0.092	25.7	0.162	0.092	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	25	24.7	24.3	0.119	0.130	0.067	0.073	24.7	0.130	0.073	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.7	24.4	0.169	0.228	0.115	0.155	25.7	0.228	0.155	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	25	24.7	24.3	0.160	0.175	0.109	0.120	24.7	0.175	0.120	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	49	25.2	24.0	0.600	0.791	0.399	0.526	25.2	0.791	0.526	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	0	24.2	23.8	0.608	0.667	0.404	0.443	24.2	0.667	0.443	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	49	25.2	24.0	0.428	0.564	0.242	0.319	25.2	0.564	0.319	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	0	24.2	23.8	0.428	0.469	0.243	0.266	24.2	0.469	0.266	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	49	25.2	24.0	0.686	0.904	0.468	0.617	25.2	0.904	0.617	16
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	0	24.2	23.8	0.692	0.759	0.471	0.516	24.2	0.759	0.516	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	49	25.2	24.0	0.432	0.569	0.255	0.336	25.2	0.569	0.336	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	0	24.2	23.8	0.422	0.463	0.246	0.270	24.2	0.463	0.270	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	49	25.2	24.0	0.378	0.498	0.240	0.316	25.2	0.498	0.316	17
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	0	24.2	23.8	0.368	0.404	0.233	0.255	24.2	0.404	0.255	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	49	25.2	24.0	0.267	0.352	0.173	0.228	25.2	0.352	0.228	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	0	24.2	23.8	0.262	0.287	0.170	0.186	24.2	0.287	0.186	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	1	49	25.2	24.0	0.112	0.148	0.061	0.080	25.2	0.148	0.080	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	25	0	24.2	23.8	0.109	0.120	0.059	0.065	24.2	0.120	0.065	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	49	25.2	24.0	0.202	0.266	0.134	0.177	25.2	0.266	0.177	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	0	24.2	23.8	0.183	0.201	0.121	0.133	24.2	0.201	0.133	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	49	25.2	24.0	0.331	0.436	0.219	0.289	25.2	0.436	0.289	18
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	0	24.2	23.8	0.315	0.345	0.208	0.228	24.2	0.345	0.228	

UL CA 5B

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10.7. LTE Band 7 (20MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	0	25.7	24.1	0.131	0.189	0.081	0.117	25.7	0.189	0.117					
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	24.7	24.0	0.135	0.159	0.082	0.096	24.7	0.159	0.096					
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	0	25.7	24.1	0.138	0.199	0.078	0.113	25.7	0.199	0.113					
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	24.7	24.0	0.143	0.168	0.080	0.094	24.7	0.168	0.094					
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	0	25.7	24.1	0.461	0.666	0.255	0.369	25.7	0.666	0.369					
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	24.7	24.0	0.464	0.545	0.256	0.301	24.7	0.545	0.301					
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	0	25.7	24.1	0.111	0.160	0.064	0.093	25.7	0.160	0.093					
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	24.7	24.0	0.106	0.125	0.060	0.070	24.7	0.125	0.070					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	19.8	19.0	0.585	0.703	0.251	0.302	19.0	0.585	0.251					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.8	19.0	0.588	0.707	0.253	0.304	19.0	0.588	0.253					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	19.8	19.0	0.299	0.359	0.131	0.157	19.0	0.299	0.131					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.8	19.0	0.298	0.358	0.130	0.156	19.0	0.298	0.130					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	19.8	19.0	0.468	0.563	0.212	0.255	19.0	0.468	0.212					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	19.8	19.0	0.465	0.559	0.211	0.254	19.0	0.465	0.211					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20850	2510	1	49	19.8	19.0	0.851	1.023	0.338	0.406	19.0	0.851	0.338					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20850	2510	50	0	19.8	19.0	0.959	1.153	0.379	0.456	19.0	0.959	0.379	19				
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	19.8	19.0	0.901	1.083	0.358	0.430	19.0	0.901	0.358					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	19.8	19.0	0.907	1.090	0.360	0.433	19.0	0.907	0.360					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	100	0	19.8	19.1	0.900	1.057	0.356	0.418	19.0	0.880	0.348					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21350	2560	1	99	19.8	19.1	0.798	0.938	0.318	0.374	19.0	0.780	0.311					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21350	2560	50	50	19.8	19.1	0.825	0.969	0.328	0.385	19.0	0.806	0.321					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	19.8	19.0	0.086	0.103	0.042	0.050	19.0	0.086	0.042					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.8	19.0	0.088	0.106	0.043	0.052	19.0	0.088	0.043					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	49	20.5	19.3	0.876	1.155	0.334	0.440	19.7	0.961	0.366					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20850	2510	50	0	20.5	19.4	0.871	1.122	0.332	0.428	19.7	0.933	0.356					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20850	2510	100	0	20.5	19.3	0.883	1.164	0.354	0.467	19.7	0.968	0.388	20				
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	20.5	19.5	0.694	0.874	0.268	0.337	19.7	0.727	0.281					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	20.5	19.5	0.769	0.968	0.293	0.369	19.7	0.805	0.307					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21350	2560	1	99	20.5	19.2	0.777	1.048	0.306	0.413	19.7	0.872	0.343					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21350	2560	50	24	20.5	19.3	0.786	1.036	0.308	0.406	19.7	0.862	0.338					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21350	2560	100	0	20.5	19.3	0.717	0.945	0.270	0.356	19.7	0.786	0.296					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20850	2510	1	49	20.5	19.3	0.817	1.077	0.313	0.413	19.7	0.896	0.343					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20850	2510	50	0	20.5	19.4	0.817	1.052	0.314	0.405	19.7	0.875	0.336					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20850	2510	100	0	20.5	19.3	0.852	1.123	0.326	0.430	19.7	0.934	0.357					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	20.5	19.5	0.905	1.139	0.334	0.420	19.7	0.948	0.350					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	20.5	19.5	0.916	1.153	0.338	0.426	19.7	0.959	0.354					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21350	2560	1	99	20.5	19.2	0.860	1.160	0.328	0.442	19.7	0.965	0.368					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21350	2560	50	24	20.5	19.3	0.878	1.157	0.334	0.440	19.7	0.963	0.366					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21350	2560	100	0	20.5	19.3	0.812	1.070	0.294	0.388	19.7	0.890	0.322					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	20.5	19.5	0.612	0.770	0.255	0.321	19.7	0.641	0.267					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	20.5	19.5	0.624	0.786	0.260	0.327	19.7	0.653	0.272					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	20.5	19.5	0.599	0.754	0.234	0.295	19.7	0.627	0.245					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	20.5	19.5	0.613	0.772	0.238	0.300	19.7	0.642	0.249					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	20.9	19.3	0.519	0.750	0.220	0.318	20.1	0.624	0.264					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	20.9	19.4	0.530	0.749	0.225	0.318	20.1	0.623	0.264					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	20.9	19.3	0.324	0.468	0.135	0.195	20.1	0.390	0.162					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	20.9	19.4	0.324	0.458	0.136	0.192	20.1	0.381	0.160					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	20.9	19.3	0.536	0.775	0.195	0.282	20.1	0.644	0.234					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	20.9	19.4	0.543	0.767	0.197	0.278	20.1	0.638	0.231					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	20.9	19.3	0.052	0.075	0.024	0.035	20.1	0.063	0.029					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	20.9	19.4	0.050	0.071	0.023	0.032	20.1	0.059	0.027					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	20.9	19.3	0.497	0.718	0.235	0.340	20.1	0.598	0.283					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	20.9	19.4	0.503	0.711	0.237	0.335	20.1	0.591	0.278					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	99	25.0	23.7	0.337	0.455	0.183	0.247	25.0	0.455	0.247					
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	0	24.0	23.6	0.351	0.385	0.191	0.209	24.0	0.385	0.209					
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	99	25.0	23.7	0.130	0.175	0.070	0.094	25.0	0.175	0.094					
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	0	24.0	23.6	0.128	0.140	0.069	0.076	24.0	0.140	0.076					
ANT 3	Head	QPSK	Mode A	0	Right Cheek																		

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1						Cellular PS2			Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	49	19.4	18.2	0.822	1.084	0.401	0.529	18.6	0.901	0.440	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	50	24	19.4	18.2	0.881	1.161	0.430	0.567	18.6	0.966	0.471	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	100	0	19.4	18.2	0.754	0.994	0.357	0.471	18.6	0.827	0.391	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	99	19.4	17.8	0.676	0.977	0.317	0.458	18.6	0.813	0.381	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	0	19.4	17.9	0.697	0.985	0.327	0.462	18.6	0.819	0.384	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	1	99	19.4	18.1	0.795	1.072	0.375	0.506	18.6	0.892	0.421	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	50	50	19.4	18.2	0.822	1.084	0.389	0.513	18.6	0.901	0.427	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	99	19.4	17.8	0.352	0.509	0.157	0.227	18.6	0.423	0.189	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	0	19.4	17.9	0.368	0.520	0.168	0.237	18.6	0.432	0.197	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	99	19.4	17.8	0.270	0.390	0.147	0.212	18.6	0.325	0.177	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	0	19.4	17.9	0.271	0.383	0.148	0.209	18.6	0.318	0.174	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	99	19.4	17.8	0.133	0.192	0.067	0.097	18.6	0.160	0.081	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	0	19.4	17.9	0.129	0.182	0.066	0.093	18.6	0.152	0.078	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	99	22.1	20.5	0.449	0.649	0.221	0.319	21.3	0.540	0.266	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	50	21.7	20.6	0.472	0.608	0.232	0.299	21.3	0.555	0.273	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	99	22.1	20.5	0.409	0.591	0.208	0.301	21.3	0.492	0.250	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	50	21.7	20.6	0.392	0.505	0.200	0.258	21.3	0.461	0.235	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	99	22.1	20.5	0.108	0.156	0.048	0.069	21.3	0.130	0.058	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	50	21.7	20.6	0.104	0.134	0.046	0.059	21.3	0.122	0.054	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	22.1	20.8	0.781	1.054	0.350	0.472	21.3	0.876	0.393	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	21.7	20.9	0.843	1.014	0.380	0.457	21.3	0.924	0.417	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	100	0	21.7	20.9	0.805	0.968	0.377	0.453	21.3	0.883	0.413	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	99	22.1	20.5	0.754	1.090	0.345	0.499	21.3	0.907	0.415	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	50	21.7	20.6	0.757	0.975	0.347	0.447	21.3	0.889	0.408	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	99	22.1	20.8	0.789	1.064	0.370	0.499	21.3	0.885	0.415	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	50	21.7	20.8	0.790	0.972	0.372	0.458	21.3	0.886	0.417	

UL CA 7C

Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Cellular PS1						Cellular PS2			Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21001	2525.1	1	99	21199	2544.9	1	0	25.7	23.9	0.266	0.403	0.146	0.221	25.7	0.403	0.221	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	19.8	18.7	0.436	0.562	0.199	0.256	19.0	0.467	0.213	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20850	2510	1	99	21048	2529.8	1	0	19.8	18.7	0.698	0.899	0.271	0.349	19.0	0.748	0.290	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	99	21048	2529.8	1	0	20.5	19.3	0.881	1.135	0.327	0.431	19.7	0.944	0.359	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	20.9	19.1	0.451	0.683	0.194	0.294	20.1	0.568	0.244	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21152	2540.2	1	99	21350	2560	1	0	20.9	19.0	0.484	0.750	0.176	0.273	20.1	0.624	0.227	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	25.0	23.3	0.182	0.269	0.098	0.145	25.0	0.269	0.145	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	20.7	19.8	0.380	0.468	0.167	0.205	19.9	0.389	0.171	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	1	99	21048	2529.8	1	0	20.7	19.9	0.526	0.632	0.225	0.271	19.9	0.526	0.225	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	99	21048	2529.8	1	0	19.4	17.8	0.654	0.945	0.315	0.455	18.6	0.786	0.379	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	22.1	20.3	0.416	0.630	0.201	0.304	21.3	0.524	0.253	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21001	2525.1	1	99	21199	2544.9	1	0	22.1	20.3	0.495	0.749	0.225	0.341	21.3	0.623	0.283	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

10.8. LTE Band 12 (10MHz Bandwidth)

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	0	25.7	24.3	0.089	0.123	0.072	0.099	25.7	0.123	0.099	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	25	24.7	24.0	0.090	0.106	0.073	0.086	24.7	0.106	0.086	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	0	25.7	24.3	0.047	0.065	0.039	0.054	25.7	0.065	0.054	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	25	24.7	24.0	0.050	0.059	0.041	0.048	24.7	0.059	0.048	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	0	25.7	24.3	0.105	0.145	0.083	0.115	25.7	0.145	0.115	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	25	24.7	24.0	0.109	0.128	0.086	0.101	24.7	0.128	0.101	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	0	25.7	24.3	0.052	0.072	0.041	0.057	25.7	0.072	0.057	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	25	24.7	24.0	0.057	0.067	0.044	0.052	24.7	0.067	0.052	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	0	25.7	24.3	0.394	0.544	0.219	0.302	25.7	0.544	0.302	22
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	25	24.7	24.0	0.375	0.441	0.209	0.246	24.7	0.441	0.246	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	0	25.7	24.3	0.240	0.331	0.138	0.190	25.7	0.331	0.190	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	25	24.7	24.0	0.233	0.274	0.134	0.157	24.7	0.274	0.157	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	0	25.7	24.3	0.480	0.663	0.319	0.440	25.7	0.663	0.440	23
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	25	24.7	24.0	0.503	0.591	0.333	0.391	24.7	0.591	0.391	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	0	25.7	24.3	0.279	0.385	0.127	0.175	25.7	0.385	0.175	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	25	24.7	24.0	0.268	0.315	0.122	0.143	24.7	0.315	0.143	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	0	25.7	24.3	0.177	0.244	0.115	0.159	25.7	0.244	0.159	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	25	24.7	24.0	0.196	0.230	0.127	0.149	24.7	0.230	0.149	
Antennas	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	0	25.2	23.7	0.439	0.620	0.290	0.410	25.2	0.620	0.410	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	0	24.2	23.5	0.430	0.505	0.285	0.335	24.2	0.505	0.335	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	0	25.2	23.7	0.450	0.636	0.258	0.364	25.2	0.636	0.364	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	0	24.2	23.5	0.418	0.491	0.241	0.283	24.2	0.491	0.283	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	0	25.2	23.7	0.646	0.912	0.409	0.578	25.2	0.912	0.578	24
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	0	24.2	23.5	0.597	0.701	0.379	0.445	24.2	0.701	0.445	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	0	25.2	23.7	0.483	0.682	0.267	0.377	25.2	0.682	0.377	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	0	24.2	23.5	0.441	0.518	0.244	0.287	24.2	0.518	0.287	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	0	25.2	23.7	0.319	0.451	0.194	0.274	25.2	0.451	0.274	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	0	24.2	23.5	0.297	0.349	0.180	0.211	24.2	0.349	0.211	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	0	25.2	23.7	0.262	0.370	0.161	0.227	25.2	0.370	0.227	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	0	24.2	23.5	0.242	0.284	0.149	0.175	24.2	0.284	0.175	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	1	0	25.2	23.7	0.117	0.165	0.059	0.083	25.2	0.165	0.083	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	25	0	24.2	23.5	0.109	0.128	0.055	0.065	24.2	0.128	0.065	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	0	25.2	23.7	0.168	0.237	0.113	0.160	25.2	0.237	0.160	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	0	24.2	23.5	0.163	0.192	0.110	0.129	24.2	0.192	0.129	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	0	25.2	23.7	0.323	0.456	0.218	0.308	25.2	0.456	0.308	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	0	24.2	23.5	0.310	0.364	0.210	0.247	24.2	0.364	0.247	

10.9. LTE Band 13 (10MHz Bandwidth)

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	0	25.7	24.4	0.126	0.170	0.098	0.132	25.7	0.170	0.132	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	0	24.7	24.0	0.119	0.140	0.095	0.112	24.7	0.140	0.112	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	0	25.7	24.4	0.067	0.090	0.055	0.074	25.7	0.090	0.074	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	0	24.7	24.0	0.068	0.080	0.056	0.066	24.7	0.080	0.066	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	0	25.7	24.4	0.143	0.193	0.112	0.151	25.7	0.193	0.151	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	0	24.7	24.0	0.146	0.172	0.114	0.134	24.7	0.172	0.134	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	0	25.7	24.4	0.065	0.088	0.053	0.071	25.7	0.088	0.071	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	0	24.7	24.0	0.068	0.080	0.055	0.065	24.7	0.080	0.065	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	0	25.7	24.4	0.537	0.724	0.287	0.387	25.7	0.724	0.387	25
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	0	24.7	24.0	0.506	0.594	0.272	0.320	24.7	0.594	0.320	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	0	25.7	24.4	0.270	0.364	0.154	0.208	25.7	0.364	0.208	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	0	24.7	24.0	0.257	0.302	0.146	0.172	24.7	0.302	0.172	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	0	25.7	24.4	0.490	0.661	0.322	0.434	25.7	0.661	0.434	26
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	0	24.7	24.0	0.471	0.553	0.309	0.363	24.7	0.553	0.363	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	0	25.7	24.4	0.358	0.483	0.158	0.213	25.7	0.483	0.213	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	0	24.7	24.0	0.345	0.405	0.151	0.177	24.7	0.405	0.177	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	0	25.7	24.4	0.133	0.179	0.086	0.116	25.7	0.179	0.116	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	0	24.7	24.0	0.130	0.153	0.084	0.099	24.7	0.153	0.099	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	25.2	23.7	0.458	0.647	0.317	0.448	24.6	0.563	0.390	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	0	24.2	23.5	0.497	0.584	0.329	0.387	24.2	0.584	0.387	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.2	23.7	0.407	0.575	0.239	0.338	24.6	0.501	0.294	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	0	24.2	23.5	0.380	0.446	0.215	0.253	24.2	0.446	0.253	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.2	23.7	0.719	1.016	0.481	0.679	24.6	0.885	0.592	27
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	0	24.2	23.5	0.690	0.811	0.460	0.540	24.2	0.811	0.540	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	50	0	24.2	23.4	0.632	0.760	0.426	0.512	24.2	0.760	0.512	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.2	23.7	0.549	0.775	0.314	0.444	24.6	0.675	0.386	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	0	24.2	23.5	0.442	0.519	0.251	0.295	24.2	0.519	0.295	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.2	23.7	0.362	0.511	0.229	0.323	25.2	0.511	0.323	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	0	24.2	23.5	0.333	0.391	0.208	0.244	24.2	0.391	0.244	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.2	23.7	0.239	0.338	0.156	0.220	25.2	0.338	0.220	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	0	24.2	23.5	0.220	0.258	0.145	0.170	24.2	0.258	0.170	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	1	25	25.2	23.7	0.140	0.198	0.086	0.096	25.2	0.198	0.096	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	25	0	24.2	23.5	0.135	0.159	0.066	0.078	24.2	0.159	0.078	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	25.2	23.7	0.199	0.281	0.132	0.186	25.2	0.281	0.186	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	0	24.2	23.5	0.178	0.209	0.118	0.139	24.2	0.209	0.139	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.2	23.7	0.467	0.660	0.309	0.436	25.2	0.660	0.436	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	0	24.2	23.5	0.355	0.417	0.236	0.277	24.2	0.417	0.277	

10.10. LTE Band 14 (10MHz Bandwidth)

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m/m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	25.7	24.2	0.129	0.182	0.103	0.145	25.7	0.182	0.145	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.7	24.0	0.121	0.142	0.097	0.114	24.7	0.142	0.114	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.7	24.2	0.072	0.102	0.059	0.083	25.7	0.102	0.083	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.7	24.0	0.070	0.082	0.057	0.067	24.7	0.082	0.067	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.7	24.2	0.158	0.223	0.123	0.174	25.7	0.223	0.174	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.7	24.0	0.160	0.188	0.124	0.146	24.7	0.188	0.146	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.7	24.2	0.078	0.110	0.063	0.089	25.7	0.110	0.089	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.7	24.0	0.075	0.088	0.061	0.072	24.7	0.088	0.072	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.7	24.2	0.516	0.729	0.277	0.391	25.7	0.729	0.391	28
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.7	24.0	0.492	0.578	0.265	0.311	24.7	0.578	0.311	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.7	24.2	0.236	0.333	0.319	0.451	25.7	0.333	0.451	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.7	24.0	0.226	0.266	0.133	0.156	24.7	0.266	0.156	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	25.7	24.2	0.550	0.777	0.362	0.511	25.7	0.777	0.511	29
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	24.7	24.0	0.529	0.622	0.347	0.408	24.7	0.622	0.408	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.7	24.2	0.362	0.511	0.159	0.225	25.7	0.511	0.225	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.7	24.0	0.348	0.409	0.153	0.180	24.7	0.409	0.180	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.7	24.2	0.190	0.268	0.122	0.172	25.7	0.268	0.172	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.7	24.0	0.181	0.213	0.117	0.137	24.7	0.213	0.137	
Antennas	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m/m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	0	25.2	23.7	0.438	0.619	0.304	0.429	25.1	0.605	0.420	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	0	24.2	23.5	0.411	0.483	0.286	0.336	24.2	0.483	0.336	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	0	25.2	23.7	0.263	0.371	0.157	0.222	25.1	0.363	0.217	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	0	24.2	23.5	0.244	0.287	0.146	0.172	24.2	0.287	0.172	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	0	25.2	23.7	0.668	0.944	0.449	0.634	25.1	0.922	0.620	30
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	0	24.2	23.5	0.618	0.726	0.417	0.490	24.2	0.726	0.490	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	0	25.2	23.7	0.416	0.588	0.242	0.342	25.1	0.574	0.334	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	0	24.2	23.5	0.388	0.456	0.225	0.264	24.2	0.456	0.264	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	0	25.2	23.7	0.338	0.477	0.209	0.295	25.2	0.477	0.295	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	0	24.2	23.5	0.317	0.372	0.197	0.231	24.2	0.372	0.231	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	0	25.2	23.7	0.201	0.284	0.135	0.191	25.2	0.284	0.191	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	0	24.2	23.5	0.196	0.230	0.131	0.154	24.2	0.230	0.154	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	1	0	25.2	23.7	0.121	0.171	0.062	0.088	25.2	0.171	0.088	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	25	0	24.2	23.5	0.114	0.134	0.058	0.068	24.2	0.134	0.068	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	0	25.2	23.7	0.212	0.299	0.142	0.201	25.2	0.299	0.201	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	0	24.2	23.5	0.195	0.229	0.130	0.153	24.2	0.229	0.153	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	0	25.2	23.7	0.383	0.541	0.256	0.362	25.2	0.541	0.362	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	0	24.2	23.5	0.360	0.423	0.241	0.283	24.2	0.423	0.283	

10.11. LTE Band 25 (20MHz Bandwidth)

										Cellular PS1						Cellular PS2				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	0	25.7	24.1	0.067	0.097	0.046	0.066	25.7	0.097	0.066		
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	0	24.7	23.8	0.062	0.076	0.041	0.050	24.7	0.076	0.050		
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	0	25.7	24.1	0.078	0.113	0.050	0.072	25.7	0.113	0.072		
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	0	24.7	23.8	0.071	0.087	0.046	0.057	24.7	0.087	0.057		
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	0	25.7	24.1	0.144	0.208	0.092	0.133	25.7	0.208	0.133		
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	0	24.7	23.8	0.139	0.171	0.089	0.109	24.7	0.171	0.109		
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	0	25.7	24.1	0.074	0.107	0.047	0.068	25.7	0.107	0.068		
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	0	24.7	23.8	0.067	0.082	0.042	0.052	24.7	0.082	0.052		
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	0	22.3	20.6	0.426	0.630	0.222	0.328	21.5	0.524	0.273		
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	22.3	20.6	0.407	0.602	0.210	0.311	21.5	0.501	0.258		
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	0	22.3	20.6	0.259	0.383	0.141	0.209	21.5	0.319	0.173		
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	22.3	20.6	0.258	0.382	0.140	0.207	21.5	0.317	0.172		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	0	22.3	20.6	0.314	0.464	0.151	0.223	21.5	0.386	0.186		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	22.3	20.6	0.314	0.464	0.150	0.222	21.5	0.386	0.185		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860	1	0	22.3	20.8	0.811	1.146	0.387	0.547	21.5	0.953	0.455		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	0	22.3	20.6	0.608	0.899	0.289	0.427	21.5	0.748	0.356		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	22.3	20.6	0.536	0.793	0.254	0.376	21.5	0.659	0.312		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26590	1905	1	99	22.3	20.6	0.407	0.602	0.193	0.285	21.5	0.501	0.237		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	0	22.3	20.6	0.029	0.043	0.016	0.024	21.5	0.036	0.020		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	22.3	20.6	0.024	0.035	0.013	0.019	21.5	0.030	0.016		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	20.6	19.9	0.512	0.602	0.244	0.287	19.8	0.500	0.238		
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	20.6	20.0	0.521	0.598	0.250	0.287	19.8	0.498	0.239		
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	20.6	19.9	0.597	0.701	0.284	0.334	19.8	0.583	0.278		
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	20.6	20.0	0.604	0.693	0.289	0.332	19.8	0.577	0.276		
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	1	49	20.6	19.9	0.915	1.075	0.503	0.591	19.8	0.894	0.492		
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	50	24	20.6	19.9	0.931	1.094	0.512	0.602	19.8	0.910	0.500		
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	20.6	19.9	0.972	1.142	0.545	0.640	19.8	0.950	0.533	31	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	20.6	20.0	0.979	1.124	0.547	0.628	19.8	0.935	0.522		
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	1	99	20.6	20.1	0.880	0.987	0.491	0.551	19.8	0.821	0.458		
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	50	24	20.6	20.1	0.882	0.990	0.489	0.549	19.8	0.823	0.456		
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	100	0	20.6	20.1	0.875	0.982	0.484	0.543	19.8	0.817	0.452		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860	1	49	20.6	19.9	0.883	1.037	0.426	0.501	19.8	0.863	0.416		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860	50	24	20.6	19.9	0.873	1.026	0.422	0.496	19.8	0.853	0.412		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	20.6	19.9	0.879	1.033	0.428	0.503	19.8	0.859	0.418		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	20.6	20.0	0.884	1.015	0.435	0.499	19.8	0.844	0.415		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905	1	99	20.6	20.1	0.836	0.938	0.420	0.471	19.8	0.780	0.392		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905	50	24	20.6	20.1	0.847	0.950	0.424	0.476	19.8	0.790	0.396		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905	100	0	20.6	20.1	0.860	0.965	0.429	0.481	19.8	0.803	0.400		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	20.5	18.8	0.450	0.666	0.234	0.346	19.7	0.554	0.288		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	0	20.5	18.9	0.431	0.623	0.224	0.324	19.7	0.518	0.269		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	20.5	18.8	0.420	0.621	0.202	0.299	19.7	0.517	0.249		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	0	20.5	18.9	0.409	0.591	0.198	0.286	19.7	0.492	0.238		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26140	1860	1	0	20.5	18.8	0.677	1.001	0.302	0.447	19.7	0.833	0.372		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26140	1860	50	24	20.5	18.9	0.691	0.999	0.314	0.454	19.7	0.831	0.378		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	20.5	18.8	0.730	1.080	0.330	0.488	19.7	0.898	0.406		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	0	20.5	18.9	0.700	1.012	0.316	0.457	19.7	0.842	0.380		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26590	1905	1	99	20.5	19.0	0.698	0.986	0.315	0.445	19.7	0.820	0.370		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26590	1905	50	24	20.5	19.0	0.713	1.007	0.328	0.463	19.7	0.838	0.385		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26590	1905	100	0	20.5	19.0	0.706	0.997	0.324	0.458	19.7	0.829	0.381		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	20.5	18.8	0.010	0.015	0.005	0.007	19.7	0.012	0.006		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	0	20.5	18.9	0.008	0.012	0.004	0.006	19.7	0.010	0.005		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	20.5	18.8	0.234	0.346	0.118	0.175	19.7	0.288	0.145		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	0	20.5	18.9	0.224	0.324	0.113	0.163	19.7	0.269	0.136		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	99	25.7	23.7	0.359	0.569	0.227	0.360	25.7	0.569	0.360		
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	24.7	23.7	0.362	0.456	0.230	0.290	24.7	0.456	0.290		
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	99	25.7	23.7	0.219	0.347	0.135	0.214	25.7	0.347	0.214		
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	24.7	23.7	0.219	0.276	0.135	0.170	24.7				

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1						Cellular PS2			Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	1	99	18.3	16.8	0.716	1.011	0.348	0.492	17.5	0.841	0.409	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	50	50	18.3	16.7	0.711	1.028	0.349	0.504	17.5	0.855	0.420	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	99	18.3	16.7	0.788	1.139	0.375	0.542	17.5	0.947	0.451	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	50	18.3	16.8	0.800	1.130	0.381	0.538	17.5	0.940	0.448	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	1	99	18.3	17.0	0.836	1.128	0.386	0.521	17.5	0.938	0.433	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	50	50	18.3	17.1	0.833	1.098	0.388	0.511	17.5	0.913	0.425	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	100	0	18.3	16.9	0.772	1.066	0.362	0.500	17.5	0.886	0.416	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	99	18.3	16.7	0.297	0.429	0.157	0.227	17.5	0.357	0.189	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	50	18.3	16.8	0.298	0.421	0.158	0.223	17.5	0.350	0.186	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	99	18.3	16.7	0.213	0.308	0.120	0.173	17.5	0.256	0.144	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	50	18.3	16.8	0.181	0.256	0.101	0.143	17.5	0.213	0.119	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	99	18.3	16.7	0.115	0.166	0.068	0.098	17.5	0.138	0.082	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	50	18.3	16.8	0.116	0.164	0.068	0.096	17.5	0.136	0.080	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	20.7	19.4	0.711	0.959	0.349	0.471	19.9	0.798	0.392	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	20.7	19.4	0.718	0.969	0.351	0.473	19.9	0.806	0.394	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	99	20.7	19.5	0.762	1.005	0.366	0.482	19.9	0.836	0.401	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	50	20.7	19.5	0.759	1.001	0.365	0.481	19.9	0.832	0.400	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	99	20.7	19.7	0.802	1.010	0.381	0.480	19.9	0.840	0.399	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	20.7	19.8	0.800	0.984	0.380	0.468	19.9	0.819	0.389	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	100	0	20.7	19.7	0.804	1.012	0.384	0.483	19.9	0.842	0.402	32
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	99	20.7	19.5	0.458	0.604	0.233	0.307	19.9	0.502	0.255	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	50	20.7	19.5	0.458	0.604	0.234	0.308	19.9	0.502	0.257	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	99	20.7	19.5	0.247	0.326	0.134	0.177	19.9	0.271	0.147	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	50	20.7	19.5	0.252	0.332	0.136	0.179	19.9	0.276	0.149	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26140	1860	1	49	20.7	19.4	0.868	1.171	0.411	0.554	19.9	0.974	0.461	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26140	1860	50	24	20.7	19.4	0.873	1.178	0.412	0.556	19.9	0.980	0.462	33
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	99	20.7	19.5	0.884	1.165	0.409	0.539	19.9	0.969	0.448	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	50	20.7	19.5	0.890	1.173	0.414	0.546	19.9	0.976	0.454	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26590	1905	1	99	20.7	19.7	0.865	1.089	0.392	0.493	19.9	0.906	0.410	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26590	1905	50	24	20.7	19.8	0.866	1.065	0.396	0.487	19.9	0.886	0.405	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26590	1905	100	0	20.7	19.7	0.810	1.020	0.371	0.467	19.9	0.848	0.388	

10.12. LTE Band 26 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m/m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1						Cellular PS2			Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	0	25.7	24.2	0.137	0.194	0.108	0.153	25.7	0.194	0.153	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	25	24.7	24.1	0.135	0.155	0.107	0.123	24.7	0.155	0.123	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	0	25.7	24.2	0.084	0.119	0.068	0.096	25.7	0.119	0.096	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	25	24.7	24.1	0.083	0.095	0.067	0.077	24.7	0.095	0.077	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	0	25.7	24.2	0.132	0.186	0.106	0.150	25.7	0.186	0.150	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	25	24.7	24.1	0.135	0.155	0.106	0.122	24.7	0.155	0.122	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	0	25.7	24.2	0.064	0.090	0.051	0.072	25.7	0.090	0.072	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	25	24.7	24.1	0.064	0.073	0.050	0.057	24.7	0.073	0.057	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	0	25.7	24.2	0.213	0.301	0.145	0.205	25.7	0.301	0.205	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	25	24.7	24.1	0.222	0.255	0.151	0.173	24.7	0.255	0.173	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	0	25.7	24.2	0.182	0.257	0.121	0.171	25.7	0.257	0.171	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	25	24.7	24.1	0.185	0.212	0.122	0.140	24.7	0.212	0.140	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	0	25.7	24.2	0.293	0.414	0.198	0.280	25.7	0.414	0.280	34
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	25	24.7	24.1	0.299	0.343	0.200	0.230	24.7	0.343	0.230	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	0	25.7	24.2	0.176	0.249	0.091	0.129	25.7	0.249	0.129	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	25	24.7	24.1	0.180	0.207	0.093	0.107	24.7	0.207	0.107	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	0	25.7	24.2	0.169	0.239	0.114	0.161	25.7	0.239	0.161	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	25	24.7	24.1	0.161	0.185	0.110	0.126	24.7	0.185	0.126	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26740	819	1	0	25.2	23.6	0.765	1.106	0.489	0.707	24.5	0.941	0.602	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	25.2	23.7	0.663	0.937	0.442	0.624	24.5	0.797	0.531	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	25	24.2	23.4	0.636	0.765	0.424	0.510	24.2	0.765	0.510	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26990	844	1	25	25.2	23.8	0.692	0.955	0.446	0.616	24.5	0.813	0.524	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.2	23.7	0.426	0.602	0.242	0.342	24.5	0.512	0.291	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	25	24.2	23.4	0.457	0.549	0.259	0.311	24.2	0.549	0.311	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819	1	0	25.2	23.6	0.771	1.114	0.524	0.757	24.5	0.949	0.645	35
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819	25	12	24.2	23.4	0.753	0.905	0.512	0.616	24.2	0.905	0.616	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.2	23.7	0.751	1.061	0.513	0.725	24.5	0.903	0.617	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	25	24.2	23.4	0.709	0.852	0.484	0.582	24.2	0.852	0.582	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	50	0	24.2	23.4	0.719	0.864	0.492	0.592	24.2	0.864	0.592	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26990	844	1	25	25.2	23.8	0.802	1.107	0.538	0.743	24.5	0.942	0.632	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26990	844	25	25	24.2	23.5	0.760	0.893	0.513	0.603	24.2	0.893	0.603	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.2	23.7	0.443	0.626	0.262	0.370	24.5	0.533	0.315	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	25	24.2	23.4	0.425	0.511	0.252	0.303	24.2	0.511	0.303	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.2	23.7	0.318	0.449	0.204	0.288	25.2	0.449	0.288	36
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	25	24.2	23.4	0.307	0.369	0.197	0.237	24.2	0.369	0.237	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.2	23.7	0.191	0.270	0.129	0.182	25.2	0.270	0.182	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	25	24.2	23.4	0.185	0.222	0.125	0.150	24.2	0.222	0.150	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	1	25	25.2	23.7	0.137	0.194	0.072	0.102	25.2	0.194	0.102	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	25	25	24.2	23.4	0.135	0.162	0.072	0.087	24.2	0.162	0.087	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	25.2	23.7	0.190	0.268	0.126	0.178	25.2	0.268	0.178	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	25	24.2	23.4	0.188	0.226	0.124	0.149	24.2	0.226	0.149	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.2	23.7	0.255	0.360	0.168	0.237	25.2	0.360	0.237	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	25	24.2	23.4	0.247	0.297	0.163	0.196	24.2	0.297	0.196	

10.13. LTE Band 30 (10MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	25.7	24.4	0.115	0.155	0.073	0.098	25.7	0.155	0.098					
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	0	24.7	24.1	0.113	0.130	0.070	0.080	24.7	0.130	0.080					
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	25.7	24.4	0.110	0.148	0.064	0.086	25.7	0.148	0.086					
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	0	24.7	24.1	0.104	0.119	0.060	0.069	24.7	0.119	0.069					
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	25.7	24.4	0.203	0.274	0.121	0.163	25.7	0.274	0.163					
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	0	24.7	24.1	0.191	0.219	0.115	0.132	24.7	0.219	0.132					
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	25.7	24.4	0.078	0.105	0.046	0.062	25.7	0.105	0.062					
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	0	24.7	24.1	0.077	0.088	0.046	0.053	24.7	0.088	0.053					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.1	18.5	0.592	0.680	0.268	0.308	18.3	0.565	0.256					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	0	19.1	18.4	0.574	0.674	0.259	0.304	18.3	0.561	0.253					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.1	18.5	0.304	0.349	0.142	0.163	18.3	0.290	0.136					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	0	19.1	18.4	0.296	0.348	0.137	0.161	18.3	0.289	0.134					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	19.1	18.5	0.326	0.374	0.156	0.179	18.3	0.311	0.149					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	0	19.1	18.4	0.314	0.369	0.150	0.176	18.3	0.307	0.147					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	19.1	18.5	0.929	1.067	0.378	0.434	18.3	0.887	0.361					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	0	19.1	18.4	0.854	1.003	0.359	0.422	18.3	0.835	0.351					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	50	0	19.1	18.4	0.856	1.006	0.348	0.409	18.3	0.837	0.340					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	19.1	18.5	0.070	0.080	0.032	0.037	18.3	0.067	0.031					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	0	19.1	18.4	0.068	0.080	0.032	0.038	18.3	0.066	0.031					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	21.3	20.0	0.250	0.337	0.122	0.165	20.5	0.281	0.137					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.3	20.0	0.227	0.306	0.111	0.150	20.5	0.255	0.125					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.3	20.0	0.338	0.456	0.154	0.208	20.5	0.379	0.173					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.3	20.0	0.325	0.438	0.148	0.200	20.5	0.365	0.166					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.3	20.0	0.773	1.043	0.425	0.573	20.5	0.867	0.477					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.3	20.0	0.758	1.023	0.412	0.556	20.5	0.850	0.462					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	50	0	21.3	20.0	0.769	1.037	0.394	0.531	20.5	0.863	0.442					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.3	20.0	0.573	0.773	0.258	0.348	20.5	0.643	0.289					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.3	20.0	0.561	0.757	0.254	0.343	20.5	0.629	0.285					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	21.9	20.6	0.625	0.843	0.290	0.391	21.1	0.701	0.325					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	21.9	20.6	0.614	0.828	0.284	0.383	21.1	0.689	0.319					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	21.9	20.6	0.654	0.882	0.301	0.406	21.1	0.734	0.338					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	21.9	20.6	0.416	0.561	0.244	0.329	21.1	0.467	0.274					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	21.9	20.6	0.405	0.546	0.218	0.294	21.1	0.454	0.245					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	21.9	20.6	0.275	0.371	0.123	0.166	21.1	0.309	0.138					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	21.9	20.6	0.271	0.366	0.121	0.163	21.1	0.304	0.136					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	21.9	20.6	0.050	0.067	0.023	0.031	21.1	0.056	0.026					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	21.9	20.6	0.049	0.066	0.022	0.030	21.1	0.055	0.025					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	21.9	20.6	0.852	1.149	0.416	0.561	21.1	0.956	0.467					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	21.9	20.6	0.871	1.175	0.426	0.575	21.1	0.977	0.478	37				
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	50	0	21.9	20.6	0.859	1.159	0.386	0.521	21.1	0.964	0.433					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	25.0	23.6	0.339	0.468	0.193	0.266	25.0	0.468	0.266					
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	25	24.0	23.5	0.345	0.387	0.195	0.219	24.0	0.387	0.219					
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	25.0	23.6	0.142	0.196	0.079	0.109	25.0	0.196	0.109					
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	25	24.0	23.5	0.135	0.151	0.075	0.084	24.0	0.151	0.084					
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	25.0	23.6	0.148	0.204	0.087	0.120	25.0	0.204	0.120					
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	25	24.0	23.5	0.143	0.160	0.084	0.094	24.0	0.160	0.094					
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	25.0	23.6	0.160	0.221	0.087	0.120	25.0	0.221	0.120					
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	25	24.0	23.5	0.156	0.175	0.084	0.094	24.0	0.175	0.094					
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	21.7	20.3	0.622	0.859	0.307	0.424	20.9	0.714	0.352					
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	25	21.7	20.3	0.630	0.870	0.309	0.427	20.9	0.723	0.355					
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	21.7	20.3	0.630	0.870	0.309	0.427	20.9	0.723	0.355					
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	21.7	20.3	0.396	0.547	0.212	0.293	20.9	0.455	0.243					
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	25	21.7	20.3	0.400	0.552	0.215	0.297	20.9	0.459	0.247					
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	21.7	20.3	0.258	0.356	0.137	0.189	20.9	0.296	0.157					
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	25	21.7	20.3	0.267	0.369	0.142	0.196	20.9	0.307	0.163					
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	21.7	20.3	0.821	1.133	0.374	0.516	20.9	0.943	0.429					
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	25	21.7	20.3	0.829	1.144	0.378	0.522	20.9	0.952	0.434					
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left																		

10.14. LTE Band 41 PC3 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1					Cellular PS2			Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	25.7	24.0	0.092	0.136	0.050	25.7	0.136	0.080	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	0	24.7	23.8	0.085	0.105	0.050	24.7	0.105	0.062	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	25.7	24.0	0.111	0.164	0.060	25.7	0.164	0.089	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	0	24.7	23.8	0.105	0.129	0.056	24.7	0.129	0.069	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	25.7	24.0	0.205	0.303	0.113	25.7	0.303	0.167	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	0	24.7	23.8	0.120	0.148	0.065	24.7	0.148	0.080	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	25.7	24.0	0.057	0.084	0.032	25.7	0.084	0.047	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	0	24.7	23.8	0.031	0.038	0.017	24.7	0.038	0.021	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	99	22.1	20.5	0.791	1.143	0.333	21.3	0.951	0.400	40
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	50	24	22.1	20.7	0.780	1.077	0.329	21.3	0.896	0.378	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	100	0	22.1	20.7	0.806	1.113	0.328	21.3	0.925	0.377	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	1	49	22.1	20.6	0.667	0.942	0.313	21.3	0.784	0.368	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	50	24	22.1	20.7	0.634	0.875	0.275	21.3	0.728	0.316	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	22.1	20.5	0.709	1.025	0.325	21.3	0.852	0.391	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	0	22.1	20.5	0.703	1.016	0.323	21.3	0.845	0.388	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	1	49	22.1	20.4	0.633	0.936	0.292	21.3	0.779	0.359	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	50	24	22.1	20.4	0.671	0.992	0.288	21.3	0.826	0.354	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	1	49	22.1	20.4	0.657	0.972	0.289	21.3	0.808	0.356	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	50	24	22.1	20.4	0.658	0.973	0.289	21.3	0.810	0.356	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	22.1	20.5	0.330	0.477	0.184	21.3	0.397	0.221	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	0	22.1	20.5	0.324	0.468	0.181	21.3	0.390	0.218	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	99	22.1	20.5	0.491	0.710	0.227	21.3	0.590	0.273	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	24	22.1	20.7	0.489	0.675	0.227	21.3	0.561	0.261	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	100	0	22.1	20.7	0.436	0.602	0.200	21.3	0.501	0.230	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	49	22.1	20.6	0.599	0.846	0.276	21.3	0.704	0.324	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	22.1	20.7	0.606	0.837	0.278	21.3	0.696	0.319	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	22.1	20.5	0.645	0.932	0.290	21.3	0.775	0.349	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	0	22.1	20.5	0.629	0.909	0.283	21.3	0.756	0.340	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	49	22.1	20.4	0.614	0.908	0.269	21.3	0.755	0.331	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	24	22.1	20.4	0.595	0.880	0.265	21.3	0.732	0.326	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	1	49	22.1	20.4	0.615	0.910	0.267	21.3	0.757	0.328	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	50	24	22.1	20.4	0.624	0.923	0.270	21.3	0.768	0.332	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	39750	2506	1	99	22.1	20.5	0.808	1.168	0.334	21.3	0.971	0.402	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	39750	2506	50	24	22.1	20.7	0.851	1.175	0.346	21.3	0.977	0.397	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	39750	2506	100	0	22.1	20.7	0.845	1.166	0.342	21.3	0.970	0.393	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40185	2549.5	1	49	22.1	20.6	0.841	1.188	0.345	21.3	0.988	0.405	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40185	2549.5	50	24	22.1	20.7	0.850	1.173	0.349	21.3	0.976	0.401	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	22.1	20.5	0.738	1.067	0.297	21.3	0.887	0.357	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	0	22.1	20.5	0.740	1.070	0.297	21.3	0.890	0.357	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	41055	2636.5	1	49	22.1	20.4	0.623	0.921	0.245	21.3	0.766	0.301	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	41055	2636.5	50	24	22.1	20.4	0.630	0.932	0.248	21.3	0.775	0.305	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	41490	2680	1	49	22.1	20.4	0.662	0.979	0.267	21.3	0.814	0.328	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	41490	2680	50	24	22.1	20.4	0.669	0.990	0.268	21.3	0.823	0.330	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	22.1	20.5	0.042	0.061	0.021	21.3	0.050	0.025	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	0	22.1	20.5	0.044	0.064	0.022	21.3	0.053	0.026	

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1					Cellular PS2				
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas (W/kg)	1-g Scaled (W/kg)	10-g Meas (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	39750	2506	1	49	21.5	20.2	0.551	0.743	0.219	0.295	20.7	0.618	0.246	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	39750	2506	50	0	21.5	20.2	0.535	0.722	0.213	0.287	20.7	0.600	0.239	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	39750	2506	100	0	21.5	20.2	0.544	0.734	0.216	0.291	20.7	0.610	0.242	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	21.5	20.0	0.650	0.918	0.245	0.346	20.7	0.764	0.288	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	0	21.5	20.0	0.644	0.910	0.243	0.343	20.7	0.757	0.286	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	1	49	21.5	19.8	0.623	0.921	0.230	0.340	20.7	0.766	0.283	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	50	24	21.5	19.9	0.632	0.914	0.233	0.337	20.7	0.760	0.280	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41490	2680	1	49	21.5	19.7	0.542	0.820	0.209	0.316	20.7	0.682	0.263	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41490	2680	50	24	21.5	19.8	0.552	0.816	0.212	0.314	20.7	0.679	0.261	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	39750	2506	1	49	21.5	20.2	0.622	0.839	0.239	0.322	20.7	0.698	0.268	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	39750	2506	50	0	21.5	20.2	0.616	0.831	0.237	0.320	20.7	0.691	0.266	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	39750	2506	100	0	21.5	20.2	0.625	0.843	0.240	0.324	20.7	0.701	0.269	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40185	2549.5	1	99	21.5	20.1	0.698	0.964	0.258	0.356	20.7	0.801	0.296	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40185	2549.5	50	24	21.5	20.1	0.709	0.979	0.263	0.363	20.7	0.814	0.302	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	21.5	20.0	0.729	1.030	0.272	0.384	20.7	0.857	0.320	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	0	21.5	20.0	0.732	1.034	0.273	0.386	20.7	0.860	0.321	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41055	2636.5	1	49	21.5	19.8	0.681	1.007	0.248	0.367	20.7	0.838	0.305	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41055	2636.5	50	24	21.5	19.9	0.691	0.999	0.251	0.363	20.7	0.831	0.302	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41490	2680	1	49	21.5	19.7	0.683	1.034	0.254	0.384	20.7	0.860	0.320	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41490	2680	50	24	21.5	19.8	0.685	1.013	0.255	0.377	20.7	0.843	0.314	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506	1	49	21.5	20.2	0.813	1.097	0.329	0.444	20.7	0.912	0.369	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506	50	0	21.5	20.2	0.806	1.087	0.325	0.438	20.7	0.904	0.365	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506	100	0	21.5	20.2	0.801	1.081	0.323	0.436	20.7	0.899	0.362	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	1	99	21.5	20.1	0.757	1.045	0.304	0.420	20.7	0.869	0.349	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	50	24	21.5	20.1	0.759	1.048	0.305	0.421	20.7	0.871	0.350	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	21.5	20.0	0.774	1.093	0.310	0.438	20.7	0.909	0.364	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	0	21.5	20.0	0.772	1.090	0.309	0.436	20.7	0.907	0.363	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	1	49	21.5	19.8	0.630	0.932	0.250	0.370	20.7	0.775	0.308	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	50	24	21.5	19.9	0.634	0.916	0.252	0.364	20.7	0.762	0.303	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680	1	49	21.5	19.7	0.682	1.032	0.273	0.413	20.7	0.859	0.344	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680	50	24	21.5	19.8	0.689	1.019	0.277	0.410	20.7	0.848	0.341	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	39750	2506	1	49	21.5	20.2	0.632	0.853	0.241	0.325	20.7	0.709	0.270	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	39750	2506	50	0	21.5	20.2	0.625	0.843	0.238	0.321	20.7	0.701	0.267	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	39750	2506	100	0	21.5	20.2	0.550	0.742	0.210	0.283	20.7	0.617	0.236	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40185	2549.5	1	99	21.5	20.1	0.827	1.142	0.334	0.461	20.7	0.950	0.383	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40185	2549.5	50	24	21.5	20.1	0.832	1.148	0.331	0.457	20.7	0.955	0.380	41
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	21.5	20.0	0.649	0.917	0.247	0.349	20.7	0.763	0.290	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	0	21.5	20.0	0.655	0.925	0.249	0.352	20.7	0.770	0.293	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41055	2636.5	1	49	21.5	19.8	0.710	1.050	0.285	0.422	20.7	0.873	0.351	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41055	2636.5	50	24	21.5	19.9	0.725	1.048	0.291	0.421	20.7	0.872	0.350	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41490	2680	1	49	21.5	19.7	0.509	0.770	0.196	0.297	20.7	0.641	0.247	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41490	2680	50	24	21.5	19.8	0.537	0.794	0.208	0.308	20.7	0.661	0.256	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	22.3	20.7	0.328	0.474	0.145	0.210	21.5	0.394	0.174	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	0	22.3	20.7	0.326	0.471	0.143	0.207	21.5	0.392	0.172	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	22.3	20.7	0.231	0.334	0.099	0.143	21.5	0.278	0.119	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	0	22.3	20.7	0.267	0.386	0.113	0.163	21.5	0.321	0.136	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	39750	2506	1	49	22.3	20.8	0.596	0.842	0.226	0.319	21.5	0.700	0.266	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	39750	2506	50	24	22.3	20.8	0.595	0.840	0.227	0.321	21.5	0.699	0.267	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	39750	2506	100	0	22.3	20.8	0.633	0.894	0.242	0.342	21.5	0.744	0.284	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40185	2549.5	1	99	22.3	20.8	0.827	1.168	0.303	0.428	21.5	0.972	0.356	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40185	2549.5	50	24	22.3	20.8	0.831	1.174	0.305	0.431	21.5	0.976	0.358	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	22.3	20.7	0.694	1.003	0.254	0.367	21.5	0.834	0.305	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	0	22.3	20.7	0.690	0.997	0.251	0.363	21.5	0.830	0.302	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41055	2636.5	1	49	22.3	20.8	0.836	1.181	0.301	0.425	21.5	0.982	0.354	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41055	2636.5	50	24	22.3	20.9	0.853	1.177	0.305	0.421	21.5	0.979	0.350	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41490	2680	1	49	22.3	20.8	0.703	0.993	0.247	0.349	21.5	0.826	0.290	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41490	2680	50	24	22.3	20.8	0.752	1.062	0.270	0.381	21.5	0.884	0.317	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	22.3	20.7	0.061	0.088	0.029	0.042	21.5	0.073	0.035	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	0	22.3	20.7	0.062	0.090	0.029	0.042	21.5	0.075	0.035	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	22.3	20.7	0.365	0.528	0.163	0.236	21.5	0.439	0.196	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	0	22.3	20.7	0.369	0.533	0.165	0.238	21.5	0.444	0.198	

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	25.7	24.1	0.142	0.205	0.076	0.110	25.7	0.205	0.110	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	24.7	23.9	0.139	0.167	0.075	0.090	24.7	0.167	0.090	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	25.7	24.1	0.035	0.051	0.018	0.026	25.7	0.051	0.026	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	24.7	23.9	0.034	0.041	0.017	0.020	24.7	0.041	0.020	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	25.7	24.1	0.091	0.132	0.047	0.068	25.7	0.132	0.068	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	24.7	23.9	0.084	0.101	0.050	0.060	24.7	0.101	0.060	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	25.7	24.1	0.081	0.117	0.040	0.058	25.7	0.117	0.058	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	24.7	23.9	0.086	0.103	0.042	0.050	24.7	0.103	0.050	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	99	22.7	21.6	0.794	1.023	0.356	0.459	21.9	0.851	0.381	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	50	24	22.7	21.5	0.801	1.056	0.360	0.475	21.9	0.878	0.395	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	1	0	22.7	21.3	0.509	0.703	0.224	0.309	21.9	0.584	0.257	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	50	0	22.7	21.3	0.507	0.700	0.223	0.308	21.9	0.582	0.256	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	22.7	21.3	0.747	1.031	0.327	0.451	21.9	0.858	0.375	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	50	22.7	21.3	0.686	0.947	0.300	0.414	21.9	0.788	0.344	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	100	0	22.7	21.4	0.589	0.795	0.254	0.343	21.9	0.661	0.285	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	1	49	22.7	20.9	0.445	0.674	0.197	0.298	21.9	0.560	0.248	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	50	24	22.7	21.0	0.438	0.648	0.194	0.287	21.9	0.539	0.239	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	1	49	22.7	21.0	0.562	0.831	0.247	0.365	21.9	0.691	0.304	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	50	24	22.7	21.0	0.577	0.853	0.253	0.374	21.9	0.710	0.311	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	22.7	21.3	0.404	0.558	0.192	0.265	21.9	0.464	0.220	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	50	22.7	21.3	0.402	0.555	0.192	0.265	21.9	0.462	0.220	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	22.7	21.3	0.209	0.289	0.105	0.145	21.9	0.240	0.121	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	50	22.7	21.3	0.201	0.277	0.100	0.138	21.9	0.231	0.115	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506	1	99	22.7	21.6	0.907	1.168	0.401	0.517	21.9	0.972	0.430	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506	50	24	22.7	21.5	0.882	1.163	0.390	0.514	21.9	0.967	0.428	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	1	0	22.7	21.3	0.601	0.830	0.260	0.359	21.9	0.690	0.299	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	50	0	22.7	21.3	0.563	0.777	0.242	0.334	21.9	0.646	0.278	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	22.7	21.3	0.857	1.183	0.373	0.515	21.9	0.984	0.428	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	50	22.7	21.3	0.817	1.128	0.354	0.489	21.9	0.938	0.406	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	100	0	22.7	21.4	0.882	1.190	0.371	0.500	21.9	0.990	0.416	42
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	1	49	22.7	20.9	0.477	0.722	0.209	0.316	21.9	0.601	0.263	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	50	24	22.7	21.0	0.476	0.704	0.208	0.308	21.9	0.586	0.256	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680	1	49	22.7	21.0	0.729	1.078	0.312	0.461	21.9	0.897	0.384	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680	50	24	22.7	21.0	0.737	1.090	0.316	0.467	21.9	0.907	0.389	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	1	99	20.9	20.0	0.465	0.572	0.228	0.281	20.1	0.476	0.233	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	50	50	20.9	19.9	0.424	0.534	0.161	0.203	20.1	0.444	0.169	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	100	0	20.9	19.8	0.459	0.591	0.218	0.281	20.1	0.492	0.234	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	1	49	20.9	19.6	0.480	0.648	0.225	0.304	20.1	0.539	0.252	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	50	0	20.9	19.7	0.516	0.680	0.248	0.327	20.1	0.566	0.272	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	20.9	19.2	0.655	0.969	0.278	0.411	20.1	0.806	0.342	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	20.9	19.2	0.655	0.969	0.279	0.413	20.1	0.806	0.343	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	1	49	20.9	19.3	0.592	0.856	0.233	0.337	20.1	0.712	0.280	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	50	50	20.9	19.3	0.590	0.853	0.233	0.337	20.1	0.709	0.280	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	1	49	20.9	19.4	0.478	0.675	0.181	0.256	20.1	0.562	0.213	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	50	50	20.9	19.5	0.473	0.653	0.180	0.248	20.1	0.543	0.207	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	20.9	19.2	0.224	0.331	0.098	0.145	20.1	0.276	0.121	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	20.9	19.2	0.189	0.280	0.081	0.120	20.1	0.233	0.100	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	20.9	19.2	0.262	0.388	0.137	0.203	20.1	0.322	0.169	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	20.9	19.2	0.261	0.386	0.137	0.203	20.1	0.321	0.169	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	20.9	19.2	0.143	0.212	0.071	0.105	20.1	0.176	0.087	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	20.9	19.2	0.143	0.212	0.071	0.105	20.1	0.176	0.087	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	23.3	21.5	0.494	0.748	0.230	0.348	22.5	0.622	0.290	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	50	23.3	21.5	0.472	0.714	0.220	0.333	22.5	0.594	0.277	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	23.3	21.5	0.374	0.566	0.187	0.283	22.5	0.471	0.235	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	50	23.3	21.5	0.361	0.546	0.180	0.272	22.5	0.454	0.227	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	23.3	21.5	0.142	0.215	0.088	0.133	22.5	0.179	0.111	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	50	23.3	21.5	0.147	0.222	0.088	0.133	22.5	0.185	0.111	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	99	23.3	22.0	0.743	1.002	0.336	0.453	22.5	0.834	0.377	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	50	23.3	22.0	0.730	0.985	0.332	0.448	22.5	0.819	0.373	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	100	0	23.3	21.9	0.715	0.987	0.338	0.467</				

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														Cellular PS1										Cellular PS2															
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.																
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset																										
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40521	2583.1	1	99	40719	2602.9	1	0	25.7	23.9	0.195	0.295	0.105	0.159	25.7	0.295	0.159																	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	99	39948	2525.8	1	0	22.1	21.3	0.532	0.640	0.221	0.266	21.3	0.532	0.221																	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40136	2544.6	1	99	40334	2564.4	1	0	22.1	21.3	0.631	0.759	0.271	0.326	21.3	0.631	0.271																	
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.																
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset																										
						ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506											1	99	39948	2525.8	1	0	21.5	20.1	0.738	1.019	0.298	0.411	20.7	0.847	0.342	
						ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1											1	99	40719	2602.9	1	0	22.3	20.6	0.315	0.466	0.140	0.207	21.5	0.388	0.172	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40907	2621.7	1	99	41105	2641.5	1	0	22.3	20.6	0.649	0.960	0.230	0.340	21.5	0.798	0.283																	
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.																
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset																										
						ANT 3	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1											1	99	40719	2602.9	1	0	25.7	24.2	0.139	0.196	0.073	0.103	25.7	0.196	0.103	
						ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506											1	99	39948	2525.8	1	0	22.7	21.3	0.704	0.972	0.313	0.432	21.9	0.808	0.369	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39790	2510	1	99	39988	2529.8	1	0	22.7	21.5	0.890	1.173	0.377	0.497	21.9	0.976	0.413																	
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.																
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset																										
						ANT 4	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1											1	99	40719	2602.9	1	0	20.9	19.5	0.407	0.562	0.201	0.277	20.1	0.467	0.231	
						ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506											1	99	39948	2525.8	1	0	23.3	21.9	0.399	0.551	0.193	0.266	22.5	0.458	0.222	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40521	2583.1	1	99	40719	2602.9	1	0	23.3	21.8	0.716	1.011	0.317	0.448	22.5	0.841	0.372																	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

UL CA 41C PC2

Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Cellular PS1					Cellular PS2			Plot No.	
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)		10-g Scaled (W/kg)
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	28.7	26.7	0.099	0.157	0.057	0.090	28.7	0.157	0.057	
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Cellular PS1					Cellular PS2			Plot No.	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)		10-g Scaled (W/kg)
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	28.0	26.7	0.052	0.070	0.032	0.043	28.0	0.070	0.032	

10.15. LTE Band 41 PC2 (20MHz Bandwidth)

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 43.3% is used for Power Class 2 SAR test.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	LTE B41 PC2			LTE B41 PC3			Reported SAR (W/kg)	Linearly scaled Reported SAR (W/kg)	Linearly scaled Reported SAR (<10%)	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)				
ANT 1	Head	QPSK	Mode A	43.3%	28.7	321.0	63.3%	25.7	235.2	0.303	0.414	36.5%	Yes
ANT 1	Body & Hotspot	QPSK	Mode B	43.3%	23.7	101.5	63.3%	22.1	102.7	1.143	1.131	-1.1%	No
ANT 1	Hotspot	QPSK	Mode B	43.3%	23.7	101.5	63.3%	22.1	102.7	1.188	1.175	-1.1%	No
ANT 2	Head	QPSK	Mode A	43.3%	23.1	88.4	63.3%	21.5	89.4	1.148	1.136	-1.1%	No
ANT 2	Body & Hotspot	QPSK	Mode B	43.3%	23.9	106.3	63.3%	22.3	107.5	0.474	0.469	-1.1%	No
ANT 2	Hotspot	QPSK	Mode B	43.3%	23.9	106.3	63.3%	22.3	107.5	1.181	1.168	-1.1%	No
ANT 3	Head	QPSK	Mode A	43.3%	28.0	273.2	63.3%	25.7	235.2	0.205	0.238	16.0%	Yes
ANT 3	Body & Hotspot	QPSK	Mode B	43.3%	24.3	116.5	63.3%	22.7	117.9	1.056	1.044	-1.1%	No
ANT 3	Hotspot	QPSK	Mode B	43.3%	24.3	116.5	63.3%	22.7	117.9	1.190	1.176	-1.2%	No
ANT 4	Head	QPSK	Mode A	43.3%	22.5	77.0	63.3%	20.9	77.9	0.969	0.958	-1.1%	No
ANT 4	Body & Hotspot	QPSK	Mode B	43.3%	24.9	133.8	63.3%	23.3	135.3	0.748	0.739	-1.2%	No
ANT 4	Hotspot	QPSK	Mode B	43.3%	24.9	133.8	63.3%	23.3	135.3	1.165	1.152	-1.1%	No

										Cellular PS1								Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.		
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	0	28.7	26.7	0.317	0.502	0.181	0.287	28.7	0.502	0.287			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.		
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	28.0	26.0	0.355	0.563	0.197	0.312	28.0	0.563	0.312			

Conclusion:

SAR testing for Power Class 2 is required for ANT 1 and ANT 3 Mode A Head only because the PC2 reported SAR vs. output power linearly scaled >10%.

10.16. LTE Band 48 (20MHz Bandwidth)

										Cellular PS1						Cellular PS2				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m,m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	99	26.0	24.6	0.089	0.123	0.041	0.057	26.0	0.123	0.057		
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	25.0	24.1	0.073	0.090	0.034	0.042	25.0	0.090	0.042		
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	99	26.0	24.6	0.078	0.108	0.031	0.043	26.0	0.108	0.043		
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	25.0	24.1	0.073	0.090	0.029	0.036	25.0	0.090	0.036		
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	99	26.0	24.6	0.135	0.186	0.062	0.086	26.0	0.186	0.086		
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	25.0	24.1	0.098	0.121	0.044	0.054	25.0	0.121	0.054		
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	99	26.0	24.6	0.034	0.047	0.010	0.014	26.0	0.047	0.014		
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	25.0	24.1	0.033	0.041	0.011	0.014	25.0	0.041	0.014		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	99	22.1	20.4	0.638	0.944	0.247	0.365	21.3	0.785	0.304		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	50	22.1	20.5	0.657	0.950	0.255	0.369	21.3	0.790	0.307		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	99	22.1	20.6	0.642	0.907	0.249	0.352	21.3	0.754	0.293		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	50	22.1	20.7	0.542	0.748	0.214	0.295	21.3	0.622	0.246		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.1	20.6	0.730	1.031	0.284	0.401	21.3	0.858	0.334		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.1	20.6	0.726	1.026	0.282	0.398	21.3	0.853	0.331		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	100	0	22.1	20.6	0.590	0.833	0.213	0.301	21.3	0.693	0.250		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	1	49	22.1	20.7	0.572	0.790	0.222	0.306	21.3	0.657	0.255		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	50	50	22.1	20.8	0.591	0.797	0.227	0.306	21.3	0.663	0.255		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.1	20.6	0.179	0.253	0.069	0.097	21.3	0.210	0.081		
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.1	20.6	0.181	0.256	0.070	0.099	21.3	0.213	0.082		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	22.1	20.4	0.766	1.133	0.269	0.398	21.3	0.942	0.331		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	50	50	22.1	20.5	0.778	1.125	0.272	0.393	21.3	0.935	0.327		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	1	99	22.1	20.6	0.842	1.189	0.287	0.405	21.3	0.989	0.337	43	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	50	50	22.1	20.7	0.843	1.164	0.291	0.402	21.3	0.968	0.334		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	100	0	22.1	20.6	0.770	1.088	0.268	0.379	21.3	0.905	0.315		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	22.1	20.6	0.794	1.122	0.276	0.390	21.3	0.933	0.324		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	22.1	20.6	0.804	1.136	0.280	0.396	21.3	0.945	0.329		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	1	49	22.1	20.7	0.837	1.155	0.293	0.404	21.3	0.961	0.336		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	50	50	22.1	20.8	0.829	1.118	0.292	0.394	21.3	0.930	0.328		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	100	0	22.1	20.6	0.800	1.130	0.283	0.400	21.3	0.940	0.332		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.1	20.6	0.209	0.295	0.072	0.102	21.3	0.246	0.085		
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	22.1	20.6	0.208	0.294	0.072	0.102	21.3	0.244	0.085		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m,m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	99	24.0	22.4	0.273	0.395	0.105	0.152	23.2	0.328	0.126		
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	24.0	22.5	0.273	0.386	0.105	0.148	23.2	0.321	0.123		
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	99	24.0	22.4	0.305	0.441	0.126	0.182	23.2	0.367	0.151		
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	24.0	22.5	0.322	0.455	0.143	0.202	23.2	0.378	0.168		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55340	3560	1	49	24.0	22.4	0.672	0.971	0.269	0.389	23.2	0.808	0.323		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55340	3560	50	24	24.0	22.5	0.683	0.965	0.273	0.386	23.2	0.802	0.321		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55773	3603.3	1	99	24.0	22.4	0.777	1.123	0.278	0.402	23.2	0.934	0.334		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55773	3603.3	50	50	24.0	22.5	0.793	1.120	0.284	0.401	23.2	0.932	0.334		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	99	24.0	22.4	0.739	1.068	0.269	0.389	23.2	0.888	0.323		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	24.0	22.5	0.773	1.092	0.280	0.396	23.2	0.908	0.329		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	100	0	24.0	22.5	0.842	1.189	0.315	0.445	23.2	0.989	0.370	44	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56640	3690	1	0	24.0	22.5	0.648	0.915	0.243	0.343	23.2	0.761	0.286		
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56640	3690	50	50	24.0	22.6	0.634	0.875	0.238	0.329	23.2	0.728	0.273		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55340	3560	1	49	24.0	22.4	0.740	1.070	0.286	0.413	23.2	0.890	0.344		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55340	3560	50	24	24.0	22.5	0.745	1.052	0.289	0.408	23.2	0.875	0.340		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55773	3603.3	1	99	24.0	22.4	0.762	1.101	0.277	0.400	23.2	0.916	0.333		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55773	3603.3	50	50	24.0	22.5	0.767	1.083	0.278	0.393	23.2	0.901	0.327		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	99	24.0	22.4	0.694	1.003	0.252	0.364	23.2	0.834	0.303		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	24.0	22.5	0.721	1.018	0.260	0.367	23.2	0.847	0.305		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	100	0	24.0	22.5	0.702	0.992	0.277	0.391	23.2	0.825	0.325		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56640	3690	1	0	24.0	22.5	0.771	1.089	0.281	0.397	23.2	0.906	0.330		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56640	3690	50	50	24.0	22.6	0.739	1.020	0.264	0.364	23.2	0.848	0.303		
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56640	3690	100	0	24.0	22.5	0.746	1.054	0.273	0.386	23.2	0.876	0.321		
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	49	23.3	21.9	0.761	1.050	0.255	0.352	22.5	0.874	0.293		
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	24	23.3	21.9	0.829	1.144	0.272	0.375	22.5	0.952	0.312	45	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	99	23.3	21.9	0.768	1.060	0.260	0.359	22.5	0.882	0.299		
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	50	23.3	22.0	0.743	1.002	0.255	0.344	22.5	0.834	0.286		
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	99	23.3	21.8	0.740	1.045	0.254	0.359	22.5	0.869	0.298		

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1						Cellular PS2			Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	99	25.5	24.0	0.154	0.218	0.068	0.096	25.5	0.218	0.096	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	50	25.0	24.1	0.161	0.198	0.071	0.087	25.0	0.198	0.087	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	99	25.5	24.0	0.057	0.081	0.022	0.031	25.5	0.081	0.031	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	50	25.0	24.1	0.059	0.073	0.023	0.028	25.0	0.073	0.028	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	99	25.5	24.0	0.082	0.116	0.036	0.051	25.5	0.116	0.051	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	50	25.0	24.1	0.099	0.122	0.045	0.055	25.0	0.122	0.055	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	99	25.5	24.0	0.108	0.153	0.042	0.059	25.5	0.153	0.059	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	50	25.0	24.1	0.113	0.139	0.045	0.055	25.0	0.139	0.055	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	49	22.9	21.7	0.748	0.986	0.279	0.368	22.1	0.820	0.306	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	50	22.9	21.7	0.751	0.990	0.279	0.368	22.1	0.823	0.306	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	99	22.9	21.7	0.738	0.973	0.272	0.359	22.1	0.809	0.298	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	24	22.9	21.8	0.756	0.974	0.279	0.359	22.1	0.810	0.299	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.9	21.7	0.738	0.973	0.272	0.359	22.1	0.809	0.298	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	50	22.9	21.7	0.728	0.960	0.268	0.353	22.1	0.798	0.294	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	1	49	22.9	22.1	0.737	0.886	0.267	0.321	22.1	0.737	0.267	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	50	50	22.9	21.8	0.730	0.940	0.265	0.341	22.1	0.782	0.284	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	100	0	22.9	21.9	0.721	0.908	0.262	0.330	22.1	0.755	0.274	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.9	21.7	0.415	0.547	0.156	0.206	22.1	0.455	0.171	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	50	22.9	21.7	0.419	0.552	0.158	0.208	22.1	0.459	0.173	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.9	21.7	0.393	0.518	0.157	0.207	22.1	0.431	0.172	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	50	22.9	21.7	0.388	0.511	0.155	0.204	22.1	0.425	0.170	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	1	49	22.9	21.7	0.894	1.179	0.332	0.438	22.1	0.980	0.364	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	50	50	22.9	21.7	0.884	1.165	0.329	0.434	22.1	0.969	0.361	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	1	99	22.9	21.7	0.888	1.171	0.330	0.435	22.1	0.974	0.362	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	50	24	22.9	21.8	0.914	1.177	0.340	0.438	22.1	0.979	0.364	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	22.9	21.7	0.859	1.132	0.313	0.413	22.1	0.942	0.343	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	50	22.9	21.7	0.862	1.136	0.315	0.415	22.1	0.945	0.345	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	1	49	22.9	22.1	0.985	1.184	0.361	0.434	22.1	0.985	0.361	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	50	50	22.9	21.8	0.921	1.186	0.345	0.444	22.1	0.987	0.370	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	100	0	22.9	21.9	0.934	1.176	0.344	0.433	22.1	0.978	0.360	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	1	99	23.5	21.8	0.653	0.966	0.253	0.374	22.7	0.803	0.311	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	50	50	23.5	21.9	0.585	0.846	0.230	0.332	22.7	0.703	0.277	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	1	99	23.5	21.9	0.668	0.966	0.256	0.370	22.7	0.803	0.308	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	50	50	23.5	22.0	0.589	0.832	0.228	0.322	22.7	0.692	0.268	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	99	23.5	21.9	0.695	1.005	0.266	0.394	22.7	0.836	0.320	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.5	22.0	0.742	1.048	0.287	0.405	22.7	0.872	0.337	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	100	0	23.5	22.0	0.698	0.986	0.265	0.374	22.7	0.820	0.311	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	1	49	23.5	22.0	0.739	1.044	0.280	0.396	22.7	0.868	0.329	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	50	50	23.5	22.1	0.638	0.881	0.242	0.334	22.7	0.733	0.278	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	99	23.5	21.9	0.416	0.601	0.156	0.225	22.7	0.500	0.188	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.5	22.0	0.414	0.585	0.157	0.222	22.7	0.486	0.184	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	99	23.5	21.9	0.165	0.238	0.071	0.103	22.7	0.198	0.085	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.5	22.0	0.161	0.227	0.070	0.099	22.7	0.189	0.082	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	99	23.5	21.9	0.156	0.225	0.006	0.009	22.7	0.188	0.007	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.5	22.0	0.153	0.216	0.065	0.092	22.7	0.180	0.076	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	99	24.5	22.5	0.427	0.677	0.188	0.298	23.7	0.563	0.248	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	23.7	22.5	0.441	0.581	0.195	0.257	23.7	0.581	0.257	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	99	24.5	22.5	0.214	0.339	0.091	0.144	23.7	0.282	0.120	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	23.7	22.5	0.216	0.285	0.093	0.123	23.7	0.285	0.123	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	99	24.5	22.5	0.097	0.154	0.044	0.070	23.7	0.128	0.058	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	23.7	22.5	0.095	0.125	0.042	0.055	23.7	0.125	0.055	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	24.5	22.4	0.499	0.809	0.202	0.328	23.7	0.673	0.272	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	1	49	24.5	22.4	0.523	0.848	0.211	0.342	23.7	0.706	0.285	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	99	24.5	22.5	0.570	0.903	0.226	0.358	23.7	0.751	0.298	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	23.7	22.5	0.597	0.787	0.246	0.324	23.7	0.787	0.324	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	1	0	24.5	22.5	0.616	0.976	0.241	0.382	23.7	0.812	0.318	

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																Cellular PS1					Cellular PS2		
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset										
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56075	3633.5	1	99	56273	3653.3	1	0	25.0	24.7	0.140	0.150	0.068	0.073	25.0	0.150	0.073	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56075	3633.5	1	99	56273	3653.3	1	0	22.1	20.7	0.736	1.016	0.285	0.393	21.3	0.845	0.327	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55707	3596.7	1	99	55905	3616.5	1	0	22.1	20.5	0.703	1.016	0.248	0.358	21.3	0.845	0.298	
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset										
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56075	3633.5	1	99	56273	3653.3	1	0	24.0	22.5	0.548	0.774	0.212	0.299	23.2	0.644	0.249	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	99	55538	3579.8	1	0	23.3	21.9	0.692	0.955	0.230	0.317	22.5	0.795	0.264	
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset										
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56075	3633.5	1	99	56273	3653.3	1	0	25.0	24.0	0.121	0.152	0.069	0.087	25.0	0.152	0.087	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	99	55538	3579.8	1	0	22.5	21.4	0.666	0.858	0.256	0.330	21.7	0.714	0.274	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56442	3670.2	1	99	56640	3690	1	0	22.5	21.4	0.780	1.005	0.306	0.394	21.7	0.836	0.328	
Antenna	RF Exposure Condition	Mode	Power Mode(s)	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset										
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56075	3633.5	1	99	56273	3653.3	1	0	23.5	22.0	0.706	0.997	0.259	0.366	22.7	0.829	0.304	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56075	3633.5	1	99	56273	3653.3	1	0	23.7	22.9	0.448	0.539	0.189	0.227	23.7	0.539	0.227	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56442	3670.2	1	99	56640	3690	1	0	23.7	22.7	0.640	0.806	0.274	0.345	23.7	0.806	0.345	

10.17. LTE Band 53 (10MHz Bandwidth)

										Cellular PS1						Cellular PS2				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	25	20.7	19.1	0.022	0.032	0.012	0.017	20.7	0.032	0.017		
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.7	19.0	0.023	0.034	0.012	0.018	20.7	0.034	0.018		
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	19.1	0.019	0.027	0.010	0.014	20.7	0.027	0.014		
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.7	19.0	0.018	0.027	0.009	0.013	20.7	0.027	0.013		
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	19.1	0.043	0.062	0.023	0.033	20.7	0.062	0.033		
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.7	19.0	0.042	0.062	0.023	0.034	20.7	0.062	0.034		
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	19.1	0.014	0.020	0.007	0.010	20.7	0.020	0.010		
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.7	19.0	0.015	0.022	0.008	0.012	20.7	0.022	0.012		
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	19.1	0.488	0.705	0.208	0.301	19.9	0.587	0.250		
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	19.0	0.481	0.711	0.205	0.303	19.9	0.592	0.252	46	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	19.1	0.268	0.387	0.110	0.159	19.9	0.322	0.132		
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	19.0	0.262	0.388	0.107	0.158	19.9	0.322	0.132		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	19.1	0.215	0.311	0.097	0.140	19.9	0.258	0.117		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	19.0	0.205	0.303	0.092	0.136	19.9	0.252	0.113		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	1	25	20.7	19.1	0.574	0.830	0.231	0.334	19.9	0.690	0.278		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	25	12	20.7	19.0	0.594	0.879	0.239	0.354	19.9	0.731	0.294	47	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	50	0	20.7	19.0	0.570	0.843	0.228	0.337	19.9	0.701	0.281		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	19.1	0.073	0.106	0.033	0.048	19.9	0.088	0.040		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	19.0	0.071	0.105	0.032	0.047	19.9	0.087	0.039		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	19.1	0.240	0.347	0.111	0.160	19.9	0.289	0.133		
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	19.0	0.243	0.359	0.114	0.169	19.9	0.299	0.140		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	25	20.7	18.8	0.312	0.483	0.120	0.186	20.7	0.483	0.186		
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.7	18.8	0.306	0.474	0.118	0.183	20.7	0.474	0.183		
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	18.8	0.254	0.393	0.101	0.156	20.7	0.393	0.156		
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.7	18.8	0.251	0.389	0.099	0.153	20.7	0.389	0.153		
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	18.8	0.388	0.601	0.155	0.240	20.7	0.601	0.240	48	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.7	18.8	0.382	0.592	0.152	0.235	20.7	0.592	0.235		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	18.8	0.269	0.417	0.103	0.160	20.7	0.417	0.160		
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.7	18.8	0.260	0.403	0.100	0.155	20.7	0.403	0.155		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	49	20.7	19.2	0.155	0.219	0.071	0.100	20.7	0.219	0.100		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	19.2	0.152	0.215	0.063	0.089	20.7	0.215	0.089		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	49	20.7	19.2	0.240	0.339	0.100	0.141	20.7	0.339	0.141		
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	19.2	0.237	0.335	0.098	0.138	20.7	0.335	0.138		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	1	49	20.7	19.2	0.337	0.476	0.121	0.171	20.7	0.476	0.171		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	25	12	20.7	19.2	0.333	0.470	0.120	0.170	20.7	0.470	0.170		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	49	20.7	19.2	0.032	0.045	0.015	0.021	20.7	0.045	0.021		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	19.2	0.031	0.044	0.015	0.021	20.7	0.044	0.021		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	49	20.7	19.2	0.338	0.477	0.152	0.215	20.7	0.477	0.215		
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	19.2	0.358	0.506	0.160	0.226	20.7	0.506	0.226		

10.18. LTE Band 66 (20MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	0	25.7	24.1	0.032	0.046	0.023	0.033	25.7	0.046	0.033					
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	24.7	24.0	0.035	0.041	0.024	0.028	24.7	0.041	0.028					
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	0	25.7	24.1	0.041	0.059	0.025	0.036	25.7	0.059	0.036					
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	24.7	24.0	0.037	0.043	0.023	0.027	24.7	0.043	0.027					
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	0	25.7	24.1	0.155	0.224	0.098	0.142	25.7	0.224	0.142					
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	24.7	24.0	0.159	0.187	0.100	0.117	24.7	0.187	0.117					
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	0	25.7	24.1	0.051	0.074	0.032	0.046	25.7	0.074	0.046					
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	24.7	24.0	0.050	0.059	0.032	0.038	24.7	0.059	0.038					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	20.5	19.7	0.648	0.779	0.330	0.397	19.7	0.648	0.330					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	20.5	19.7	0.638	0.767	0.325	0.391	19.7	0.638	0.325					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	20.5	19.7	0.341	0.410	0.176	0.212	19.7	0.341	0.176					
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	20.5	19.7	0.338	0.406	0.174	0.209	19.7	0.338	0.174					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	20.5	19.7	0.172	0.207	0.083	0.100	19.7	0.172	0.083					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	20.5	19.7	0.172	0.207	0.083	0.100	19.7	0.172	0.083					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	1	49	20.5	19.7	0.836	1.005	0.412	0.495	19.7	0.836	0.412					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	50	24	20.5	19.7	0.841	1.011	0.413	0.497	19.7	0.841	0.413					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	20.5	19.7	0.948	1.140	0.469	0.564	19.7	0.948	0.469	49				
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	20.5	19.7	0.928	1.116	0.454	0.546	19.7	0.928	0.454					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	100	0	20.5	19.7	0.903	1.086	0.440	0.529	19.7	0.903	0.440					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	1	0	20.5	19.7	0.922	1.108	0.448	0.539	19.7	0.922	0.448					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	50	0	20.5	19.7	0.921	1.107	0.446	0.536	19.7	0.921	0.446					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	20.5	19.7	0.013	0.016	0.007	0.008	19.7	0.013	0.007					
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	20.5	19.7	0.013	0.016	0.007	0.008	19.7	0.013	0.007					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	0	18.8	17.3	0.404	0.571	0.196	0.277	18.0	0.475	0.230					
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	0	18.8	17.3	0.385	0.544	0.188	0.266	18.0	0.452	0.221					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	0	18.8	17.3	0.491	0.694	0.229	0.323	18.0	0.577	0.269					
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	0	18.8	17.3	0.470	0.664	0.219	0.309	18.0	0.552	0.257					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	1	0	18.8	17.3	0.726	1.026	0.340	0.480	18.0	0.853	0.399					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	50	24	18.8	17.4	0.723	0.998	0.336	0.464	18.0	0.830	0.386					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	0	18.8	17.3	0.622	0.879	0.298	0.421	18.0	0.731	0.350					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	0	18.8	17.3	0.603	0.852	0.288	0.407	18.0	0.708	0.338					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	100	0	18.8	17.3	0.547	0.773	0.253	0.357	18.0	0.643	0.297					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	1	0	18.8	17.4	0.471	0.650	0.233	0.322	18.0	0.541	0.268					
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	50	0	18.8	17.4	0.429	0.592	0.200	0.276	18.0	0.493	0.230					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	1	0	18.8	17.3	0.755	1.066	0.351	0.496	18.0	0.887	0.412					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	50	24	18.8	17.4	0.782	1.079	0.349	0.482	18.0	0.898	0.401					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	0	18.8	17.3	0.662	0.935	0.308	0.435	18.0	0.778	0.362					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	0	18.8	17.3	0.636	0.898	0.297	0.420	18.0	0.747	0.349					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	100	0	18.8	17.3	0.624	0.881	0.279	0.394	18.0	0.733	0.328					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	1	0	18.8	17.4	0.516	0.712	0.242	0.334	18.0	0.592	0.278					
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	50	0	18.8	17.4	0.478	0.660	0.215	0.297	18.0	0.549	0.247					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	18.7	17.0	0.589	0.871	0.281	0.416	17.9	0.725	0.346					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	0	18.7	17.1	0.571	0.825	0.274	0.396	17.9	0.686	0.329					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	0	18.7	16.9	0.684	1.035	0.326	0.493	17.9	0.861	0.410					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	0	18.7	17.0	0.666	0.985	0.319	0.472	17.9	0.819	0.392					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	18.7	17.0	0.559	0.827	0.270	0.399	17.9	0.688	0.332					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	18.7	17.1	0.428	0.619	0.210	0.304	17.9	0.515	0.252					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	50	18.7	17.1	0.454	0.656	0.222	0.321	17.9	0.546	0.267					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	0	18.7	16.9	0.456	0.690	0.214	0.324	17.9	0.574	0.269					
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	0	18.7	17.0	0.444	0.657	0.209	0.309	17.9	0.546	0.257					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	1	49	18.7	17.0	0.744	1.100	0.331	0.490	17.9	0.915	0.407					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	50	0	18.7	17.1	0.719	1.039	0.324	0.468	17.9	0.864	0.390					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	0	18.7	16.9	0.736	1.114	0.326	0.493	17.9	0.927	0.410					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	0	18.7	17.0	0.725	1.072	0.322	0.476	17.9	0.892	0.396					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	100	0	18.7	17.0	0.718	1.062	0.322	0.476	17.9	0.883	0.396					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	1	49	18.7	17.1	0.568	0.821	0.251	0.363	17.9	0.683	0.302					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	50	50	18.7	17.1	0.533	0.770	0.239	0.345	17.9	0.641	0.287					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	0	18.7	16.9	0.003	0.005	0.001	0.002	17.9	0.004	0.001					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	0	18.7	17.0	0.006	0.009	0.003	0.004	17.9	0.007	0.004					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	0	18.7	16.9	0.078	0.118	0.041	0.062	17.9	0.098	0.052					
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	0	18.7	17.0	0.074	0.109	0.038	0.056	17.9	0.091	0.047					

										Cellular PS1						Cellular PS2				Plot No.
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	23.2	21.5	0.309	0.457	0.201	0.297	22.4	0.380	0.247		
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	50	23.2	21.6	0.289	0.418	0.189	0.273	22.4	0.347	0.227		
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	23.2	21.5	0.227	0.336	0.145	0.214	22.4	0.279	0.178		
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	50	23.2	21.6	0.209	0.302	0.133	0.192	22.4	0.251	0.160		
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	23.2	21.5	0.173	0.256	0.119	0.176	22.4	0.213	0.146		
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	50	23.2	21.6	0.165	0.238	0.113	0.163	22.4	0.198	0.136		
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	23.2	21.5	0.154	0.228	0.103	0.152	22.4	0.189	0.127		
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	50	23.2	21.6	0.144	0.208	0.096	0.139	22.4	0.173	0.115		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	22.8	21.2	0.766	1.107	0.433	0.626	22.0	0.921	0.521		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	22.8	21.2	0.785	1.135	0.443	0.640	22.0	0.944	0.533		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	100	0	22.8	21.2	0.764	1.104	0.440	0.636	22.0	0.919	0.529		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	22.8	21.2	0.808	1.168	0.454	0.656	22.0	0.971	0.546	44	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	0	22.8	21.2	0.799	1.155	0.448	0.648	22.0	0.961	0.539		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	0	22.8	21.2	0.800	1.156	0.448	0.648	22.0	0.962	0.539		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	0	22.8	21.2	0.804	1.162	0.450	0.650	22.0	0.967	0.541		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	22.8	21.2	0.524	0.757	0.293	0.424	22.0	0.630	0.352		
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	0	22.8	21.2	0.527	0.762	0.296	0.428	22.0	0.634	0.356		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	22.8	21.2	0.268	0.387	0.145	0.210	22.0	0.322	0.174		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	0	22.8	21.2	0.274	0.396	0.148	0.214	22.0	0.329	0.178		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132072	1720	1	49	22.8	21.2	0.629	0.909	0.340	0.491	22.0	0.756	0.409		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132072	1720	50	24	22.8	21.2	0.632	0.914	0.341	0.493	22.0	0.760	0.410		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132072	1720	100	0	22.8	21.2	0.630	0.911	0.340	0.491	22.0	0.757	0.409		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	22.8	21.2	0.681	0.984	0.367	0.530	22.0	0.819	0.441		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	0	22.8	21.2	0.735	1.062	0.394	0.570	22.0	0.884	0.474		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132572	1770	1	0	22.8	21.2	0.638	0.922	0.344	0.497	22.0	0.767	0.414		
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132572	1770	50	0	22.8	21.2	0.636	0.919	0.343	0.496	22.0	0.765	0.412		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	1	0	18.9	17.7	0.726	0.957	0.352	0.464	18.1	0.796	0.386		
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	50	24	18.9	17.7	0.761	1.003	0.368	0.485	18.1	0.834	0.404		
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	18.9	17.7	0.830	1.094	0.389	0.513	18.1	0.910	0.427		
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	50	18.9	17.6	0.840	1.133	0.392	0.529	18.1	0.942	0.440		
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	100	0	18.9	17.6	0.865	1.167	0.410	0.553	18.1	0.971	0.460	45	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	1	0	18.9	17.7	0.850	1.121	0.389	0.513	18.1	0.932	0.427		
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	50	0	18.9	17.6	0.858	1.157	0.391	0.527	18.1	0.963	0.439		
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	18.9	17.7	0.329	0.434	0.175	0.231	18.1	0.361	0.192		
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	50	18.9	17.6	0.310	0.418	0.165	0.223	18.1	0.348	0.185		
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	18.9	17.7	0.197	0.260	0.112	0.148	18.1	0.216	0.123		
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	50	18.9	17.6	0.197	0.266	0.111	0.150	18.1	0.221	0.125		
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	18.9	17.7	0.126	0.166	0.072	0.095	18.1	0.138	0.079		
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	50	18.9	17.6	0.120	0.162	0.069	0.093	18.1	0.135	0.077		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	21.6	19.9	0.738	1.092	0.366	0.541	20.8	0.908	0.450		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	21.6	20.0	0.748	1.081	0.374	0.541	20.8	0.899	0.450		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	0	21.6	20.1	0.716	1.011	0.352	0.497	20.8	0.841	0.414		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	50	21.6	20.0	0.731	1.057	0.357	0.516	20.8	0.879	0.429		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	21.6	20.0	0.732	1.058	0.357	0.516	20.8	0.880	0.429		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	21.6	19.9	0.737	1.090	0.353	0.522	20.8	0.907	0.434		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	50	21.6	19.9	0.719	1.063	0.343	0.507	20.8	0.885	0.422		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	0	21.6	20.1	0.558	0.788	0.285	0.403	20.8	0.656	0.335		
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	50	21.6	20.0	0.551	0.796	0.283	0.409	20.8	0.662	0.340		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	0	21.6	20.1	0.148	0.209	0.069	0.097	20.8	0.174	0.081		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	50	21.6	20.0	0.142	0.205	0.069	0.100	20.8	0.171	0.083		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132072	1720	1	49	21.6	19.9	0.745	1.102	0.362	0.535	20.8	0.917	0.445		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132072	1720	50	24	21.6	20.0	0.761	1.100	0.367	0.530	20.8	0.915	0.441		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	0	21.6	20.1	0.755	1.066	0.363	0.513	20.8	0.887	0.426		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	50	21.6	20.0	0.756	1.093	0.361	0.522	20.8	0.909	0.434		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	100	0	21.6	20.0	0.725	1.048	0.350	0.506	20.8	0.872	0.421		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132572	1770	1	49	21.6	19.9	0.673	0.995	0.315	0.466	20.8	0.828	0.388		
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132572	1770	50	50	21.6	19.9	0.674	0.997	0.315	0.466	20.8	0.829	0.388		

10.19. LTE Band 71 (20MHz Bandwidth)

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	0	25.7	24.2	0.088	0.124	0.070	0.099	25.7	0.124	0.099	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.7	24.0	0.083	0.098	0.066	0.078	24.7	0.098	0.078	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	0	25.7	24.2	0.047	0.066	0.035	0.049	25.7	0.066	0.049	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.7	24.0	0.038	0.045	0.029	0.034	24.7	0.045	0.034	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	0	25.7	24.2	0.105	0.148	0.083	0.117	25.7	0.148	0.117	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.7	24.0	0.099	0.116	0.078	0.092	24.7	0.116	0.092	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	0	25.7	24.2	0.069	0.097	0.055	0.078	25.7	0.097	0.078	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.7	24.0	0.058	0.068	0.047	0.055	24.7	0.068	0.055	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	0	25.7	24.2	0.340	0.480	0.189	0.267	25.7	0.480	0.267	52
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.7	24.0	0.322	0.378	0.181	0.213	24.7	0.378	0.213	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	0	25.7	24.2	0.178	0.251	0.110	0.155	25.7	0.251	0.155	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.7	24.0	0.169	0.199	0.104	0.122	24.7	0.199	0.122	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	0	25.7	24.2	0.396	0.559	0.264	0.373	25.7	0.559	0.373	53
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.7	24.0	0.386	0.454	0.256	0.301	24.7	0.454	0.301	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	0	25.7	24.2	0.217	0.307	0.096	0.136	25.7	0.307	0.136	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.7	24.0	0.215	0.253	0.096	0.113	24.7	0.253	0.113	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	0	25.7	24.2	0.137	0.194	0.090	0.127	25.7	0.194	0.127	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.7	24.0	0.125	0.147	0.081	0.095	24.7	0.147	0.095	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	25.2	23.7	0.377	0.533	0.252	0.356	25.2	0.533	0.356	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	50	24.2	23.5	0.357	0.419	0.239	0.281	24.2	0.419	0.281	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.2	23.7	0.370	0.523	0.213	0.301	25.2	0.523	0.301	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	50	24.2	23.5	0.344	0.404	0.200	0.235	24.2	0.404	0.235	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.2	23.7	0.679	0.959	0.416	0.588	25.2	0.959	0.588	54
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	50	24.2	23.5	0.638	0.750	0.394	0.463	24.2	0.750	0.463	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.2	23.7	0.486	0.686	0.264	0.373	25.2	0.686	0.373	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	50	24.2	23.5	0.460	0.540	0.251	0.295	24.2	0.540	0.295	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.2	23.7	0.326	0.460	0.189	0.267	25.2	0.460	0.267	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	50	24.2	23.5	0.314	0.369	0.183	0.215	24.2	0.369	0.215	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.2	23.7	0.160	0.226	0.105	0.148	25.2	0.226	0.148	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	50	24.2	23.5	0.158	0.186	0.104	0.122	24.2	0.186	0.122	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	1	49	25.2	23.7	0.126	0.178	0.063	0.089	25.2	0.178	0.089	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	50	50	24.2	23.5	0.125	0.147	0.062	0.073	24.2	0.147	0.073	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.2	23.7	0.115	0.162	0.077	0.109	25.2	0.162	0.109	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	50	24.2	23.5	0.110	0.129	0.073	0.086	24.2	0.129	0.086	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.2	23.7	0.287	0.405	0.193	0.273	25.2	0.405	0.273	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	50	24.2	23.5	0.276	0.324	0.185	0.217	24.2	0.324	0.217	

10.20. NR Band n5 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1					Cellular PS2			Plot No.	
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)		10-g Scaled (W/kg)
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	1	25.7	24.4	0.124	0.167	0.098	0.132	25.7	0.167	0.132	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.7	24.2	0.136	0.192	0.107	0.151	25.7	0.192	0.151	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	1	25.7	24.4	0.073	0.098	0.059	0.080	25.7	0.098	0.080	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.7	24.2	0.078	0.110	0.063	0.089	25.7	0.110	0.089	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	1	25.7	24.4	0.144	0.194	0.112	0.151	25.7	0.194	0.151	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.7	24.2	0.141	0.199	0.110	0.155	25.7	0.199	0.155	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	1	25.7	24.4	0.091	0.123	0.072	0.097	25.7	0.123	0.097	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.7	24.2	0.083	0.117	0.065	0.092	25.7	0.117	0.092	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	167300	836.5	1	1	25.7	24.4	0.260	0.351	0.178	0.240	25.7	0.351	0.240	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.7	24.2	0.265	0.374	0.179	0.253	25.7	0.374	0.253	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	167300	836.5	1	1	25.7	24.4	0.195	0.263	0.130	0.175	25.7	0.263	0.175	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.7	24.2	0.200	0.283	0.134	0.189	25.7	0.283	0.189	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	1	25.7	24.4	0.366	0.494	0.243	0.328	25.7	0.494	0.328	55
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.7	24.2	0.321	0.453	0.213	0.301	25.7	0.453	0.301	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	1	1	25.7	24.4	0.117	0.158	0.066	0.089	25.7	0.158	0.089	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.7	24.2	0.086	0.121	0.051	0.072	25.7	0.121	0.072	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	1	25.7	24.4	0.241	0.325	0.160	0.216	25.7	0.325	0.216	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.7	24.2	0.215	0.304	0.141	0.199	25.7	0.304	0.199	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	1	25.2	23.8	0.598	0.825	0.407	0.562	24.5	0.703	0.478	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.2	23.6	0.571	0.825	0.385	0.556	24.5	0.702	0.474	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	1	25.2	23.8	0.509	0.703	0.285	0.393	24.5	0.598	0.335	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.2	23.6	0.462	0.668	0.264	0.382	24.5	0.568	0.325	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	1	25.2	23.8	0.738	1.019	0.500	0.690	24.5	0.867	0.587	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.2	23.6	0.772	1.116	0.521	0.753	24.5	0.950	0.641	56
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	1	25.2	23.8	0.524	0.723	0.289	0.399	24.5	0.616	0.340	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.2	23.6	0.476	0.688	0.263	0.380	24.5	0.586	0.324	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	167300	836.5	1	1	25.2	23.8	0.381	0.526	0.242	0.334	25.2	0.526	0.334	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.2	23.6	0.390	0.564	0.246	0.356	25.2	0.564	0.356	57
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	167300	836.5	1	1	25.2	23.8	0.247	0.341	0.164	0.226	25.2	0.341	0.226	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.2	23.6	0.263	0.380	0.171	0.247	25.2	0.380	0.247	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	167300	836.5	1	1	25.2	23.8	0.130	0.179	0.069	0.095	25.2	0.179	0.095	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	167300	836.5	50	28	25.2	23.6	0.109	0.158	0.060	0.087	25.2	0.158	0.087	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	1	25.2	23.8	0.206	0.284	0.137	0.189	25.2	0.284	0.189	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.2	23.6	0.196	0.283	0.131	0.189	25.2	0.283	0.189	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	1	25.2	23.8	0.331	0.457	0.220	0.304	25.2	0.457	0.304	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.2	23.6	0.336	0.486	0.223	0.322	25.2	0.486	0.322	

10.21. NR Band n7 (40MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	1	25.7	24.0	0.157	0.232	0.095	0.141	25.7	0.232	0.141					
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	25.7	23.8	0.189	0.293	0.111	0.172	25.7	0.293	0.172					
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	1	25.7	24.0	0.164	0.243	0.091	0.135	25.7	0.243	0.135					
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	25.7	23.8	0.168	0.260	0.093	0.144	25.7	0.260	0.144					
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	1	25.7	24.0	0.393	0.581	0.220	0.325	25.7	0.581	0.325					
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	25.7	23.8	0.402	0.623	0.225	0.348	25.7	0.623	0.348					
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	1	25.7	24.0	0.148	0.219	0.085	0.126	25.7	0.219	0.126					
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	25.7	23.8	0.122	0.189	0.072	0.112	25.7	0.189	0.112					
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	1	20.0	19.4	0.732	0.840	0.333	0.382	19.2	0.699	0.318					
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	20.0	19.4	0.740	0.850	0.335	0.385	19.2	0.707	0.320					
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	1	20.0	19.4	0.458	0.526	0.188	0.216	19.2	0.437	0.180					
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	20.0	19.4	0.425	0.488	0.175	0.201	19.2	0.406	0.167					
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	1	20.0	19.4	0.677	0.777	0.292	0.335	19.2	0.647	0.279					
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	20.0	19.4	0.789	0.906	0.337	0.387	19.2	0.753	0.322					
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	510000	2535	108	54	20.0	19.4	0.789	0.906	0.337	0.387	19.2	0.753	0.322					
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	1	1	20.0	19.4	0.975	1.119	0.389	0.447	19.2	0.931	0.371	58				
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	20.0	19.4	0.948	1.088	0.380	0.436	19.2	0.905	0.363					
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	510000	2535	108	54	20.0	19.4	0.948	1.088	0.380	0.436	19.2	0.905	0.363					
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	1	20.0	19.4	0.102	0.117	0.049	0.056	19.2	0.097	0.047					
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	20.0	19.4	0.069	0.079	0.034	0.039	19.2	0.066	0.032					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	214	20.5	19.0	0.576	0.814	0.244	0.345	19.7	0.677	0.287					
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	20.5	18.8	0.488	0.722	0.192	0.284	19.7	0.600	0.236					
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	214	20.5	19.0	0.742	1.048	0.278	0.393	19.7	0.872	0.327					
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	20.5	18.8	0.683	1.010	0.256	0.379	19.7	0.840	0.315					
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	214	20.5	19.0	0.775	1.095	0.320	0.452	19.7	0.911	0.376					
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	20.5	18.8	0.765	1.132	0.318	0.470	19.7	0.941	0.391	59				
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	214	20.5	19.0	0.727	1.027	0.283	0.400	19.7	0.854	0.332					
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	20.5	18.8	0.676	1.000	0.261	0.386	19.7	0.832	0.321					
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	214	20.7	19.1	0.560	0.809	0.234	0.338	19.9	0.673	0.281					
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	20.7	19.0	0.559	0.827	0.229	0.339	19.9	0.688	0.282					
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	214	20.7	19.1	0.385	0.556	0.157	0.227	19.9	0.463	0.189					
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	20.7	19.0	0.350	0.518	0.146	0.216	19.9	0.431	0.180					
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	1	214	20.7	19.1	0.628	0.908	0.228	0.330	19.9	0.755	0.274					
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	108	54	20.7	19.0	0.571	0.845	0.205	0.303	19.9	0.702	0.252					
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	214	20.7	19.1	0.081	0.117	0.039	0.056	19.9	0.097	0.047					
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	20.7	19.0	0.082	0.121	0.039	0.058	19.9	0.101	0.048					
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	214	20.7	19.1	0.450	0.650	0.210	0.304	19.9	0.541	0.252					
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	20.7	19.0	0.428	0.633	0.204	0.302	19.9	0.527	0.251					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	214	25.0	23.7	0.214	0.289	0.115	0.155	25.0	0.289	0.155					
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	25.0	23.5	0.285	0.403	0.154	0.218	25.0	0.403	0.218					
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	214	25.0	23.7	0.115	0.155	0.061	0.082	25.0	0.155	0.082					
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	25.0	23.5	0.121	0.171	0.064	0.090	25.0	0.171	0.090					
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	214	25.0	23.7	0.141	0.190	0.081	0.109	25.0	0.190	0.109					
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	25.0	23.5	0.151	0.213	0.088	0.124	25.0	0.213	0.124					
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	214	25.0	23.7	0.212	0.286	0.109	0.147	25.0	0.286	0.147					
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	25.0	23.5	0.205	0.290	0.107	0.151	19.9	0.089	0.047					
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	1	20.7	20.1	0.710	0.815	0.317	0.364	19.9	0.678	0.303					
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	20.7	20.0	0.751	0.882	0.331	0.389	19.9	0.734	0.323					
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	1	20.7	20.1	0.621	0.713	0.308	0.354	19.9	0.593	0.294					
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	20.7	20.0	0.581	0.683	0.287	0.337	19.9	0.568	0.280					
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	1	1	20.7	20.1	0.120	0.138	0.059	0.068	19.9	0.115	0.056					
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	20.7	20.0	0.136	0.160	0.068	0.080	19.9	0.133	0.066					
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	1	20.7	20.1	0.866	0.994	0.382	0.439	19.9	0.827	0.365					
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left																		

10.22. NR Band n12 (15MHz Bandwidth)

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	1	25.7	24.5	0.092	0.121	0.075	0.099	25.7	0.121	0.099	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.7	24.5	0.091	0.120	0.074	0.098	25.7	0.120	0.098	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	1	25.7	24.5	0.056	0.074	0.046	0.061	25.7	0.074	0.061	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.7	24.5	0.061	0.080	0.050	0.066	25.7	0.080	0.066	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	1	25.7	24.5	0.114	0.150	0.091	0.120	25.7	0.150	0.120	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.7	24.5	0.119	0.157	0.095	0.125	25.7	0.157	0.125	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	1	25.7	24.5	0.062	0.082	0.050	0.066	25.7	0.082	0.066	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.7	24.5	0.066	0.087	0.054	0.071	25.7	0.087	0.071	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	141500	707.5	1	1	25.7	24.5	0.246	0.324	0.143	0.189	25.7	0.324	0.189	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.7	24.5	0.260	0.343	0.159	0.210	25.7	0.343	0.210	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	141500	707.5	1	1	25.7	24.5	0.207	0.273	0.121	0.160	25.7	0.273	0.160	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.7	24.5	0.202	0.266	0.119	0.157	25.7	0.266	0.157	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	1	25.7	24.5	0.430	0.567	0.282	0.372	25.7	0.567	0.372	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.7	24.5	0.449	0.592	0.295	0.389	25.7	0.592	0.389	61
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	1	1	25.7	24.5	0.264	0.348	0.120	0.158	25.7	0.348	0.158	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.7	24.5	0.249	0.328	0.114	0.150	25.7	0.328	0.150	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	1	25.7	24.5	0.137	0.181	0.088	0.116	25.7	0.181	0.116	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.7	24.5	0.152	0.200	0.098	0.129	25.7	0.200	0.129	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	1	25.2	23.9	0.442	0.596	0.293	0.395	24.9	0.556	0.369	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.2	23.7	0.428	0.605	0.281	0.397	24.9	0.564	0.370	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	1	25.2	23.9	0.433	0.584	0.246	0.332	24.9	0.545	0.310	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.2	23.7	0.391	0.552	0.224	0.316	24.9	0.515	0.295	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	1	25.2	23.9	0.767	1.035	0.459	0.619	24.9	0.966	0.578	62
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.2	23.7	0.691	0.976	0.416	0.588	24.9	0.911	0.548	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	1	25.2	23.9	0.614	0.828	0.304	0.410	24.9	0.773	0.383	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.2	23.7	0.568	0.802	0.285	0.403	24.9	0.749	0.376	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	141500	707.5	1	1	25.2	23.9	0.395	0.533	0.228	0.308	25.2	0.533	0.308	63
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.2	23.7	0.350	0.494	0.206	0.291	25.2	0.494	0.291	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	141500	707.5	1	1	25.2	23.9	0.231	0.312	0.148	0.200	25.2	0.312	0.200	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.2	23.7	0.207	0.292	0.134	0.189	25.2	0.292	0.189	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	141500	707.5	1	1	25.2	23.9	0.138	0.186	0.069	0.093	25.2	0.186	0.093	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	141500	707.5	36	22	25.2	23.7	0.123	0.174	0.062	0.088	25.2	0.174	0.088	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	1	25.2	23.9	0.170	0.229	0.113	0.152	25.2	0.229	0.152	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.2	23.7	0.174	0.246	0.115	0.162	25.2	0.246	0.162	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	1	25.2	23.9	0.342	0.461	0.227	0.306	25.2	0.461	0.306	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.2	23.7	0.341	0.482	0.227	0.321	25.2	0.482	0.321	

10.23. NR Band n14 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1					Cellular PS2			Plot No.	
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)		10-g Scaled (W/kg)
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	1	1	25.7	24.5	0.133	0.175	0.106	0.140	25.7	0.175	0.140	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.7	24.2	0.134	0.189	0.107	0.151	25.7	0.189	0.151	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	1	1	25.7	24.5	0.083	0.109	0.068	0.090	25.7	0.109	0.090	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.7	24.2	0.085	0.120	0.070	0.099	25.7	0.120	0.099	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	1	1	25.7	24.5	0.172	0.227	0.135	0.178	25.7	0.227	0.178	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.7	24.2	0.177	0.250	0.139	0.196	25.7	0.250	0.196	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	1	1	25.7	24.5	0.082	0.108	0.067	0.088	25.7	0.108	0.088	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.7	24.2	0.090	0.127	0.073	0.103	25.7	0.127	0.103	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	1	1	25.7	24.5	0.480	0.633	0.263	0.347	25.7	0.633	0.347	64
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	25	14	25.7	24.2	0.446	0.630	0.247	0.349	25.7	0.630	0.349	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	1	1	25.7	24.5	0.277	0.365	0.164	0.216	25.7	0.365	0.216	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	25	14	25.7	24.2	0.273	0.386	0.131	0.185	25.7	0.386	0.185	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	1	1	25.7	24.5	0.616	0.812	0.402	0.530	25.7	0.812	0.530	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	25.7	24.2	0.620	0.876	0.404	0.571	25.7	0.876	0.571	65
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	1	25.7	24.5	0.353	0.465	0.156	0.206	25.7	0.465	0.206	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.7	24.2	0.355	0.501	0.157	0.222	25.7	0.501	0.222	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	1	1	25.7	24.5	0.228	0.301	0.150	0.198	25.7	0.301	0.198	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.7	24.2	0.248	0.350	0.164	0.232	25.7	0.350	0.232	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	1	1	25.2	23.9	0.564	0.761	0.373	0.503	25.2	0.761	0.503	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.2	23.9	0.519	0.700	0.347	0.468	25.2	0.700	0.468	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	1	1	25.2	23.9	0.362	0.488	0.216	0.291	25.2	0.488	0.291	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.2	23.9	0.383	0.517	0.219	0.295	25.2	0.517	0.295	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	1	1	25.2	23.9	0.637	0.859	0.427	0.576	25.2	0.859	0.576	66
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.2	23.9	0.628	0.847	0.415	0.560	25.2	0.847	0.560	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	1	1	25.2	23.9	0.459	0.619	0.256	0.345	25.2	0.619	0.345	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.2	23.9	0.425	0.573	0.238	0.321	25.2	0.573	0.321	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	1	1	25.2	23.9	0.411	0.554	0.253	0.341	25.2	0.554	0.341	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	158600	793	25	14	25.2	23.9	0.376	0.507	0.231	0.312	25.2	0.507	0.312	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	1	1	25.2	23.9	0.206	0.278	0.135	0.182	25.2	0.278	0.182	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	158600	793	25	14	25.2	23.9	0.199	0.268	0.131	0.177	25.2	0.268	0.177	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	158600	793	1	1	25.2	23.9	0.128	0.173	0.065	0.088	25.2	0.173	0.088	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	158600	793	25	14	25.2	23.9	0.120	0.162	0.061	0.082	25.2	0.162	0.082	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	1	1	25.2	23.9	0.201	0.271	0.133	0.179	25.2	0.271	0.179	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	25.2	23.9	0.195	0.263	0.129	0.174	25.2	0.263	0.174	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	1	1	25.2	23.9	0.421	0.568	0.278	0.375	25.2	0.568	0.375	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.2	23.9	0.406	0.548	0.268	0.362	25.2	0.548	0.362	

10.24. NR Band n25 (40MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	1	25.7	24.1	0.067	0.097	0.045	0.065	25.7	0.097	0.065					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	25.7	24.0	0.064	0.095	0.043	0.064	25.7	0.095	0.064					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	25.7	24.1	0.052	0.075	0.034	0.049	25.7	0.075	0.049					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	25.7	24.0	0.052	0.077	0.032	0.047	25.7	0.077	0.047					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	25.7	24.1	0.136	0.197	0.087	0.126	25.7	0.197	0.126					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	25.7	24.0	0.135	0.200	0.087	0.129	25.7	0.200	0.129					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	25.7	24.1	0.047	0.068	0.031	0.045	25.7	0.068	0.045					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	25.7	24.0	0.047	0.070	0.030	0.044	25.7	0.070	0.044					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	1	22.3	20.7	0.430	0.622	0.232	0.335	21.5	0.517	0.279					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	22.3	20.4	0.356	0.551	0.190	0.294	21.5	0.459	0.245					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	1	22.3	20.7	0.287	0.415	0.159	0.230	21.5	0.345	0.191					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	22.3	20.4	0.247	0.383	0.135	0.209	21.5	0.318	0.174					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	1	22.3	20.7	0.323	0.467	0.156	0.225	21.5	0.388	0.188					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	22.3	20.4	0.319	0.494	0.153	0.237	21.5	0.411	0.197					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	1	22.3	20.7	0.715	1.033	0.340	0.491	21.5	0.860	0.409					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	22.3	20.4	0.545	0.844	0.260	0.403	21.5	0.702	0.335					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	1	22.3	20.7	0.032	0.046	0.018	0.026	21.5	0.038	0.022					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	22.3	20.4	0.022	0.034	0.012	0.019	21.5	0.028	0.015					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	1	20.9	20.0	0.507	0.624	0.240	0.295	20.1	0.519	0.246					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	20.9	20.0	0.478	0.588	0.239	0.294	20.1	0.489	0.245					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	20.9	20.0	0.637	0.784	0.299	0.368	20.1	0.652	0.306					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	20.9	20.0	0.629	0.774	0.303	0.373	20.1	0.644	0.310					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	20.9	20.0	0.903	1.111	0.486	0.598	20.1	0.924	0.497					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	20.9	20.0	0.865	1.064	0.472	0.581	20.1	0.885	0.483					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	20.9	20.0	0.934	1.149	0.447	0.550	20.1	0.956	0.457	67				
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	20.9	20.0	0.907	1.116	0.453	0.557	20.1	0.928	0.464					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	1	20.4	18.9	0.493	0.696	0.251	0.355	19.6	0.579	0.295					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	20.4	18.7	0.513	0.759	0.259	0.383	19.6	0.631	0.319					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	1	20.4	18.9	0.408	0.576	0.196	0.277	19.6	0.479	0.230					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	20.4	18.7	0.404	0.598	0.196	0.290	19.6	0.497	0.241					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	1	20.4	18.9	0.676	0.955	0.310	0.438	19.6	0.794	0.364					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	20.4	18.7	0.751	1.111	0.343	0.507	19.6	0.924	0.422	68				
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	1	20.4	18.9	0.001	0.001	0.000	0.000	19.6	0.001	0.000					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	20.4	18.7	0.007	0.010	0.003	0.004	19.6	0.009	0.004					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	1	20.4	18.9	0.236	0.333	0.119	0.168	19.6	0.277	0.140					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	20.4	18.7	0.223	0.330	0.115	0.170	19.6	0.274	0.141					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	1	25.7	24.0	0.370	0.547	0.237	0.351	25.7	0.547	0.351					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	25.7	23.8	0.359	0.556	0.230	0.356	25.7	0.556	0.356					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	25.7	24.0	0.198	0.293	0.126	0.186	25.7	0.293	0.186					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	25.7	23.8	0.207	0.321	0.127	0.197	25.7	0.321	0.197					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	25.7	24.0	0.226	0.334	0.153	0.226	25.7	0.334	0.226					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	25.7	23.8	0.222	0.344	0.150	0.232	25.7	0.344	0.232					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	25.7	24.0	0.165	0.244	0.105	0.155	25.7	0.244	0.155					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	25.7	23.8	0.158	0.245	0.101	0.156	25.7	0.245	0.156					
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	1	22.4	20.7	0.608	0.899	0.344	0.509	21.6	0.748	0.423	69				
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	22.4	20.6	0.586	0.887	0.331	0.501	21.6	0.738	0.417					
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	1	22.4	20.7	0.491	0.728	0.281	0.416	21.6	0.604	0.346					
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	22.4	20.6	0.444	0.672	0.251	0.380	21.6	0.559	0.316					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	1	22.4	20.7	0.059	0.087	0.030	0.044	21.6	0.073	0.037					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	22.4	20.6	0.062	0.094	0.031	0.047	21.6	0.078	0.039					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	1	22.4	20.7	0.614	0.908	0.326	0.482	21.6	0.755	0.401					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	22.4	20.6	0.598	0.905	0.311	0.471	21.6	0.753	0.392					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	1	18.3	16.9	0.727	1.004	0.346	0.478	17.5	0.835	0.397					
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	18.3	16.9	0.758	1.046	0.353									

10.25. NR Band n26 (20MHz Bandwidth)

										Cellular PS1						Cellular PS2				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	1	25.7	24.5	0.139	0.183	0.110	0.145	25.7	0.183	0.145		
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.7	24.4	0.140	0.189	0.111	0.150	25.7	0.189	0.150		
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	1	25.7	24.5	0.082	0.108	0.066	0.087	25.7	0.108	0.087		
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.7	24.4	0.083	0.112	0.067	0.090	25.7	0.112	0.090		
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	1	25.7	24.5	0.144	0.190	0.114	0.150	25.7	0.190	0.150		
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.7	24.4	0.148	0.200	0.116	0.156	25.7	0.200	0.156		
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	1	25.7	24.5	0.087	0.115	0.070	0.092	25.7	0.115	0.092		
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.7	24.4	0.091	0.123	0.072	0.097	25.7	0.123	0.097		
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	166300	831.5	1	1	25.7	24.5	0.310	0.409	0.212	0.279	25.7	0.409	0.279		
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.7	24.4	0.330	0.445	0.217	0.293	25.7	0.445	0.293		
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	166300	831.5	1	1	25.7	24.5	0.192	0.253	0.129	0.170	25.7	0.253	0.170		
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.7	24.4	0.196	0.264	0.132	0.178	25.7	0.264	0.178		
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	1	25.7	24.5	0.315	0.415	0.212	0.279	25.7	0.415	0.279		
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.7	24.4	0.353	0.476	0.234	0.316	25.7	0.476	0.316	70	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	1	1	25.7	24.5	0.179	0.236	0.092	0.121	25.7	0.236	0.121		
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.7	24.4	0.141	0.190	0.077	0.104	25.7	0.190	0.104		
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	1	25.7	24.5	0.178	0.235	0.121	0.160	25.7	0.235	0.160		
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.7	24.4	0.173	0.233	0.118	0.159	25.7	0.233	0.159		
Antennas	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	1	25.2	23.9	0.583	0.786	0.402	0.542	24.5	0.669	0.462		
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.2	23.7	0.591	0.835	0.408	0.576	24.5	0.711	0.491		
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	1	25.2	23.9	0.450	0.607	0.257	0.347	24.5	0.517	0.295		
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.2	23.7	0.426	0.602	0.246	0.347	24.5	0.512	0.296		
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	1	25.2	23.9	0.769	1.037	0.519	0.700	24.5	0.883	0.596		
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.2	23.7	0.735	1.038	0.494	0.698	24.5	0.884	0.594	71	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	1	25.2	23.9	0.485	0.654	0.281	0.379	24.5	0.557	0.323		
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.2	23.7	0.483	0.682	0.280	0.396	24.5	0.581	0.337		
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	166300	831.5	1	1	25.2	23.9	0.507	0.684	0.317	0.428	25.2	0.684	0.428	72	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.2	23.7	0.471	0.665	0.296	0.418	25.2	0.665	0.418		
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	166300	831.5	1	1	25.2	23.9	0.257	0.347	0.167	0.225	25.2	0.347	0.225		
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.2	23.7	0.242	0.342	0.161	0.227	25.2	0.342	0.227		
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	166300	831.5	1	1	25.2	23.9	0.146	0.197	0.076	0.103	25.2	0.197	0.103		
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	166300	831.5	50	28	25.2	23.7	0.144	0.203	0.075	0.106	25.2	0.203	0.106		
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	1	25.2	23.9	0.154	0.208	0.101	0.136	25.2	0.208	0.136		
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.2	23.7	0.163	0.230	0.107	0.151	25.2	0.230	0.151		
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	1	25.2	23.9	0.296	0.399	0.196	0.264	25.2	0.399	0.264		
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.2	23.7	0.299	0.422	0.198	0.280	25.2	0.422	0.280		

10.26. NR Band n30 (10MHz Bandwidth)

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	1	25.2	24.5	0.128	0.150	0.080	0.094	25.2	0.150	0.094	
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	25.2	24.4	0.120	0.144	0.073	0.088	25.2	0.144	0.088	
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	1	25.2	24.5	0.108	0.127	0.066	0.078	25.2	0.127	0.078	
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	25.2	24.4	0.115	0.138	0.070	0.084	25.2	0.138	0.084	
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	1	25.2	24.5	0.231	0.271	0.136	0.160	25.2	0.271	0.160	
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	25.2	24.4	0.244	0.293	0.142	0.171	25.2	0.293	0.171	
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	1	25.2	24.5	0.116	0.136	0.067	0.079	25.2	0.136	0.079	
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	25.2	24.4	0.110	0.132	0.065	0.078	25.2	0.132	0.078	
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	462000	2310	1	1	19.9	18.6	0.615	0.830	0.260	0.351	19.1	0.690	0.292	
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	462000	2310	25	14	19.9	18.5	0.589	0.813	0.250	0.345	19.1	0.676	0.287	
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	462000	2310	1	1	19.9	18.6	0.378	0.510	0.163	0.220	19.1	0.424	0.183	
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	462000	2310	25	14	19.9	18.5	0.359	0.496	0.156	0.215	19.1	0.412	0.179	
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	462000	2310	1	1	19.9	18.6	0.331	0.447	0.158	0.213	19.1	0.371	0.177	
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	19.9	18.5	0.353	0.487	0.168	0.232	19.1	0.405	0.193	
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	1	19.9	18.6	0.042	0.057	0.022	0.030	19.1	0.047	0.025	
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	19.9	18.5	0.047	0.065	0.026	0.036	19.1	0.054	0.030	
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	462000	2310	1	1	19.9	18.6	0.073	0.098	0.036	0.049	19.1	0.082	0.040	
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	19.9	18.5	0.071	0.098	0.035	0.048	19.1	0.082	0.040	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	1	21.3	20.0	0.259	0.349	0.158	0.213	20.5	0.291	0.177	
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.3	19.9	0.260	0.359	0.161	0.222	20.5	0.299	0.185	
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	1	21.3	20.0	0.351	0.473	0.163	0.220	20.5	0.394	0.183	
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.3	19.9	0.364	0.502	0.166	0.229	20.5	0.418	0.191	
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	1	21.3	20.0	0.838	1.130	0.435	0.587	20.5	0.940	0.488	73
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.3	19.9	0.796	1.099	0.423	0.584	20.5	0.914	0.486	
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	1	21.3	20.0	0.612	0.826	0.277	0.374	20.5	0.687	0.311	
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.3	19.9	0.614	0.848	0.276	0.381	20.5	0.705	0.317	
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	462000	2310	1	1	21.6	20.5	0.604	0.778	0.271	0.349	20.8	0.647	0.290	
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	462000	2310	25	14	21.6	20.5	0.713	0.919	0.324	0.417	20.8	0.764	0.347	
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	462000	2310	1	1	21.6	20.5	0.344	0.443	0.207	0.267	20.8	0.369	0.222	
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	462000	2310	25	14	21.6	20.5	0.325	0.419	0.196	0.252	20.8	0.348	0.210	
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Top	462000	2310	1	1	21.6	20.5	0.281	0.362	0.130	0.167	20.8	0.301	0.139	
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Top	462000	2310	25	14	21.6	20.5	0.273	0.352	0.123	0.158	20.8	0.293	0.132	
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	462000	2310	1	1	21.6	20.5	0.065	0.084	0.030	0.039	20.8	0.070	0.032	
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	21.6	20.5	0.076	0.098	0.035	0.045	20.8	0.081	0.038	
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	462000	2310	1	1	21.6	20.5	0.887	1.143	0.424	0.546	20.8	0.950	0.454	
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	21.6	20.5	0.854	1.100	0.416	0.536	20.8	0.915	0.446	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	1	24.5	23.1	0.251	0.346	0.144	0.199	24.5	0.346	0.199	
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	24.5	23.1	0.280	0.387	0.159	0.219	24.5	0.387	0.219	
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	1	24.5	23.1	0.110	0.152	0.061	0.084	24.5	0.152	0.084	
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	24.5	23.1	0.112	0.155	0.062	0.086	24.5	0.155	0.086	
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	1	24.5	23.1	0.178	0.246	0.108	0.149	24.5	0.246	0.149	
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	24.5	23.1	0.178	0.246	0.107	0.148	24.5	0.246	0.148	
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	1	24.5	23.1	0.174	0.240	0.099	0.137	24.5	0.240	0.137	
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	24.5	23.1	0.174	0.240	0.099	0.137	24.5	0.240	0.137	
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	462000	2310	1	1	21.7	20.3	0.584	0.806	0.298	0.411	20.9	0.671	0.342	
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	462000	2310	25	14	21.7	20.3	0.585	0.808	0.299	0.413	20.9	0.672	0.343	
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	462000	2310	1	1	21.7	20.3	0.537	0.741	0.282	0.389	20.9	0.617	0.324	
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	462000	2310	25	14	21.7	20.3	0.574	0.792	0.298	0.411	20.9	0.659	0.342	
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	1	21.7	20.3	0.072	0.099	0.039	0.054	20.9	0.083	0.045	
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	21.7	20.3	0.075	0.104	0.041	0.057	20.9	0.086	0.047	
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	462000	2310	1	1	21.7	20.3	0.833	1.150	0.375	0.518	20.9	0.956	0.431	74
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	21.7	20.3	0.807	1.114	0.372	0.514	20.9	0.927	0.427	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	1	19.2	17.9	0.769	1.037	0.372	0.502	18.4	0.863	0.417	
ANT 4	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	19.2	17.7	0.761	1.075	0.367	0.518	18.4	0.894	0.431	
ANT 4	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	1	19.2									

10.27. NR Band n41 PC3 (100MHz Bandwidth)

										Cellular PS1					Cellular PS2				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	1	25.7	24.3	0.169	0.233	0.100	0.138	25.7	0.233	0.138	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	25.7	24.2	0.156	0.220	0.092	0.130	25.7	0.220	0.130	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	1	25.7	24.3	0.160	0.221	0.088	0.121	25.7	0.221	0.121	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	25.7	24.2	0.164	0.232	0.089	0.126	25.7	0.232	0.126	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	1	25.7	24.3	0.461	0.636	0.256	0.353	25.7	0.636	0.353	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	25.7	24.2	0.457	0.646	0.251	0.355	25.7	0.646	0.355	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	1	25.7	24.3	0.137	0.189	0.078	0.108	25.7	0.189	0.108	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	25.7	24.2	0.132	0.186	0.074	0.105	25.7	0.186	0.105	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	1	1	20.0	19.3	0.694	0.815	0.309	0.363	19.2	0.678	0.302	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	20.0	19.1	0.633	0.779	0.279	0.343	19.2	0.648	0.285	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	1	1	20.0	19.3	0.373	0.438	0.160	0.188	19.2	0.365	0.156	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	20.0	19.1	0.322	0.396	0.177	0.218	19.2	0.330	0.181	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	1	20.0	19.3	0.596	0.700	0.263	0.309	19.2	0.582	0.257	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	20.0	19.1	0.582	0.716	0.256	0.315	19.2	0.596	0.262	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	1	20.0	19.3	0.931	1.094	0.369	0.434	19.2	0.910	0.361	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	20.0	19.1	0.906	1.115	0.347	0.427	19.2	0.927	0.355	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	1	20.0	19.3	0.050	0.059	0.023	0.027	19.2	0.049	0.022	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	20.0	19.1	0.057	0.070	0.026	0.032	19.2	0.058	0.027	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	1	19.5	18.5	0.668	0.841	0.261	0.329	18.7	0.699	0.273	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	19.5	18.2	0.695	0.938	0.269	0.363	18.7	0.780	0.302	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	1	19.5	18.5	0.941	1.185	0.354	0.446	18.7	0.985	0.371	76
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	19.5	18.2	0.864	1.166	0.325	0.438	18.7	0.969	0.365	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	1	19.5	18.5	0.886	1.115	0.358	0.451	18.7	0.928	0.375	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	19.5	18.2	0.871	1.175	0.356	0.480	18.7	0.977	0.399	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	1	19.5	18.5	0.644	0.811	0.252	0.317	18.7	0.674	0.264	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	19.5	18.2	0.625	0.843	0.249	0.336	18.7	0.701	0.279	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	1	1	20.3	18.9	0.562	0.776	0.249	0.344	19.5	0.645	0.286	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	20.3	18.7	0.565	0.817	0.256	0.370	19.5	0.679	0.308	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	1	1	20.3	18.9	0.337	0.465	0.153	0.211	19.5	0.387	0.176	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	20.3	18.7	0.320	0.463	0.146	0.211	19.5	0.385	0.176	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	1	20.3	18.9	0.822	1.135	0.292	0.403	19.5	0.944	0.335	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	20.3	18.7	0.823	1.190	0.290	0.419	19.5	0.989	0.349	77
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	1	20.3	18.9	0.119	0.164	0.099	0.137	19.5	0.137	0.114	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	20.3	18.7	0.121	0.175	0.097	0.140	19.5	0.145	0.117	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	1	20.3	18.9	0.490	0.676	0.231	0.319	19.5	0.563	0.265	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	20.3	18.7	0.531	0.768	0.244	0.353	19.5	0.638	0.293	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	1	25.7	24.5	0.325	0.428	0.176	0.232	25.7	0.428	0.232	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	25.7	24.2	0.247	0.349	0.128	0.181	25.7	0.349	0.181	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	1	25.7	24.5	0.133	0.175	0.072	0.095	25.7	0.175	0.095	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	25.7	24.2	0.119	0.168	0.061	0.086	25.7	0.168	0.086	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	1	25.7	24.5	0.137	0.181	0.076	0.100	25.7	0.181	0.100	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	25.7	24.2	0.103	0.145	0.052	0.073	25.7	0.145	0.073	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	1	25.7	24.5	0.204	0.269	0.087	0.115	25.7	0.269	0.115	
ANT 3	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	25.7	24.2	0.189	0.267	0.081	0.114	25.7	0.267	0.114	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	1	1	21.5	20.7	0.737	0.886	0.330	0.397	20.6	0.720	0.322	78
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	21.5	20.5	0.664	0.836	0.292	0.368	20.6	0.679	0.299	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	1	1	21.5	20.7	0.379	0.456	0.170	0.204	20.6	0.370	0.166	
ANT 3	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	21.5	20.5	0.315	0.397	0.134	0.169	20.6	0.322	0.137	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	1	21.5	20.7	0.186	0.224	0.088	0.106	20.6	0.182	0.086	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	21.5	20.5	0.252	0.317	0.114	0.144	20.6	0.258	0.117	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	1	21.5	20.7	0.985	1.184	0.425	0.511	20.6	0.963	0.415	
ANT 3	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	21.5	20.5	0.920	1.158	0.372	0.468	20.6	0.941	0.381	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	1	19.0	17.8	0.791	1.043	0.376	0.496</				

10.28. NR Band n41 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tests were performed using Power Class 3. SAR tests for Power Class 2 is performed using the highest SAR test configuration from Power Class 3 for each 5G NR (FR1) TDD configuration and exposure condition combination. Manufacturer/OEM declares operating duty cycle to be 100% and 50% for 5G NR (FR1) TDD Power Class 3 and Power Class 2 respectively. These Duty cycles were used for all 5G NR (FR1) TDD Power Class 3 and Power Class 2 SAR evaluations.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n41 PC2			FR1 n41 PC3				Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 1	Head	QPSK	Mode A	50.0%	28.7	370.7	100.0%	25.7	371.5	0.646	0.644	-0.24%	No
ANT 1	Body & Hotspot	QPSK	Mode B	50.0%	23.0	99.8	100.0%	20.0	100.0	0.815	0.813	-0.29%	No
ANT 1	Hotspot	QPSK	Mode B	50.0%	23.0	99.8	100.0%	20.0	100.0	1.115	1.112	-0.24%	No
ANT 2	Head	QPSK	Mode A	50.0%	22.5	88.9	100.0%	19.5	89.1	1.185	1.182	-0.22%	No
ANT 2	Body & Hotspot	QPSK	Mode B	50.0%	23.3	106.9	100.0%	20.3	107.2	0.817	0.815	-0.20%	No
ANT 2	Hotspot	QPSK	Mode B	50.0%	23.3	106.9	100.0%	20.3	107.2	1.190	1.187	-0.22%	No
ANT 3	Head	QPSK	Mode A	50.0%	28.0	315.5	100.0%	25.7	371.5	0.428	0.364	-15.04%	No
ANT 3	Body & Hotspot	QPSK	Mode B	50.0%	24.5	140.9	100.0%	21.5	141.3	0.886	0.884	-0.23%	No
ANT 3	Hotspot	QPSK	Mode B	50.0%	24.5	140.9	100.0%	21.5	141.3	1.184	1.181	-0.27%	No
ANT 4	Head	QPSK	Mode A	50.0%	22.0	79.2	100.0%	19.0	79.4	1.043	1.040	-0.26%	No
ANT 4	Body & Hotspot	QPSK	Mode B	50.0%	24.3	134.6	100.0%	21.3	134.9	0.596	0.595	-0.18%	No
ANT 4	Hotspot	QPSK	Mode B	50.0%	24.3	134.6	100.0%	21.3	134.9	1.018	1.015	-0.27%	No

Conclusion:

SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.29. NR Band n48 (100MHz Bandwidth)

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1					Cellular PS2				Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	1	104	26.0	24.4	0.169	0.244	0.083	0.120	26.0	0.244	0.120	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	50	28	26.0	24.3	0.178	0.263	0.090	0.133	26.0	0.263	0.133	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	1	104	26.0	24.4	0.119	0.172	0.050	0.072	26.0	0.172	0.072	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	50	28	26.0	24.3	0.123	0.182	0.052	0.077	26.0	0.182	0.077	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	1	104	26.0	24.4	0.280	0.405	0.134	0.194	26.0	0.405	0.194	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	50	28	26.0	24.3	0.277	0.410	0.132	0.195	26.0	0.410	0.195	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	1	104	26.0	24.4	0.094	0.136	0.040	0.058	26.0	0.136	0.058	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	50	28	26.0	24.3	0.097	0.143	0.042	0.062	26.0	0.143	0.062	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	1	1	20.1	18.6	0.659	0.931	0.252	0.356	19.3	0.774	0.296	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	50	28	20.1	18.6	0.664	0.938	0.251	0.355	19.3	0.780	0.295	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	1	1	20.1	18.6	0.214	0.302	0.079	0.112	19.3	0.251	0.093	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	50	28	20.1	18.6	0.226	0.319	0.083	0.117	19.3	0.266	0.098	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	1	1	20.1	18.6	0.810	1.144	0.281	0.397	19.3	0.952	0.330	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	50	28	20.1	18.6	0.818	1.155	0.285	0.403	19.3	0.961	0.335	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	1	1	20.1	18.6	0.190	0.268	0.062	0.088	19.3	0.223	0.073	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	50	28	20.1	18.6	0.206	0.291	0.068	0.096	19.3	0.242	0.080	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	1	1	20.1	18.6	0.299	0.422	0.295	0.417	19.3	0.351	0.347	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	50	28	20.1	18.6	0.293	0.414	0.286	0.404	19.3	0.344	0.336	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	1	104	22.0	20.4	0.417	0.603	0.161	0.233	21.2	0.501	0.194	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	50	28	22.0	20.4	0.388	0.561	0.151	0.218	21.2	0.466	0.182	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	1	104	22.0	20.4	0.432	0.624	0.154	0.223	21.2	0.519	0.185	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	50	28	22.0	20.4	0.401	0.580	0.150	0.217	21.2	0.482	0.180	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	1	104	22.0	20.4	0.768	1.110	0.286	0.413	21.2	0.923	0.344	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	50	28	22.0	20.4	0.809	1.169	0.301	0.435	21.2	0.973	0.362	79
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	1	104	22.0	20.4	0.718	1.038	0.262	0.379	21.2	0.863	0.315	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	50	28	22.0	20.4	0.789	1.140	0.284	0.411	21.2	0.949	0.341	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	1	104	21.3	19.9	0.736	1.016	0.260	0.359	20.5	0.845	0.299	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	50	28	21.3	19.9	0.799	1.103	0.264	0.364	20.5	0.917	0.303	80
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	1	104	21.3	19.9	0.176	0.243	0.071	0.098	20.5	0.202	0.082	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	50	28	21.3	19.9	0.182	0.251	0.074	0.102	20.5	0.209	0.085	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.35	1	104	21.3	19.9	0.438	0.605	0.139	0.192	20.5	0.503	0.160	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.35	50	28	21.3	19.9	0.434	0.599	0.140	0.193	20.5	0.498	0.161	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	1	104	21.3	19.9	0.009	0.012	0.002	0.003	20.5	0.010	0.002	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	50	28	21.3	19.9	0.007	0.010	0.002	0.003	20.5	0.008	0.002	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	1	104	21.3	19.9	0.120	0.166	0.047	0.065	20.5	0.138	0.054	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	50	28	21.3	19.9	0.132	0.182	0.051	0.070	20.5	0.152	0.059	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	1	1	25.5	23.8	0.189	0.280	0.092	0.136	25.5	0.280	0.136	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	50	28	25.5	23.8	0.250	0.370	0.118	0.175	25.5	0.370	0.175	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	1	1	25.5	23.8	0.064	0.095	0.028	0.041	25.5	0.095	0.041	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	50	28	25.5	23.8	0.077	0.114	0.034	0.050	25.5	0.114	0.050	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	1	1	25.5	23.8	0.116	0.172	0.053	0.078	25.5	0.172	0.078	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	50	28	25.5	23.8	0.109	0.161	0.050	0.074	25.5	0.161	0.074	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	1	1	25.5	23.8	0.114	0.169	0.045	0.067	25.5	0.169	0.067	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	50	28	25.5	23.8	0.119	0.176	0.047	0.070	25.5	0.176	0.070	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	1	1	20.5	19.6	0.814	1.001	0.299	0.368	19.7	0.833	0.306	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	50	28	20.5	19.7	0.806	0.969	0.296	0.356	19.7	0.806	0.296	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	1	1	20.5	19.6	0.374	0.460	0.136	0.167	19.7	0.383	0.139	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	50	28	20.5	19.7	0.360	0.433	0.137	0.165	19.7	0.360	0.137	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	1	1	20.5	19.6	0.360	0.443	0.137	0.169	19.7	0.368	0.140	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	50	28	20.5	19.7	0.376	0.452	0.143	0.172	19.7	0.376	0.143	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	1	1	20.5	19.6	0.873	1.074	0.331	0.407	19.7	0.893	0.339	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	50	28	20.5	19.7	0.894	1.075	0.338	0.406	19.7	0.894	0.338	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	1	1	21.5	20.2	0.625	0.843	0.246	0.332	20.7	0.701	0.276	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3												

10.30. NR Band n53 (10MHz Bandwidth)

										Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m/m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	1	1	20.7	19.0	0.036	0.053	0.021	0.031	20.7	0.053	0.031	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	12	6	20.7	18.9	0.024	0.036	0.014	0.021	20.7	0.036	0.021	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	1	1	20.7	19.0	0.034	0.050	0.019	0.028	20.7	0.050	0.028	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	12	6	20.7	18.9	0.027	0.041	0.015	0.023	20.7	0.041	0.023	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	1	1	20.7	19.0	0.071	0.105	0.040	0.059	20.7	0.105	0.059	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	12	6	20.7	18.9	0.068	0.103	0.039	0.059	20.7	0.103	0.059	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	1	1	20.7	19.0	0.022	0.033	0.013	0.019	20.7	0.033	0.019	
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	12	6	20.7	18.9	0.030	0.045	0.017	0.026	20.7	0.045	0.026	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497860	2489.3	1	1	19.7	19.0	0.664	0.780	0.285	0.335	18.9	0.649	0.279	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497860	2489.3	12	6	19.7	18.9	0.680	0.818	0.289	0.347	18.9	0.680	0.289	82
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497860	2489.3	1	1	19.7	19.0	0.368	0.432	0.159	0.187	18.9	0.360	0.155	
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497860	2489.3	12	6	19.7	18.9	0.350	0.421	0.152	0.183	18.9	0.350	0.152	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497860	2489.3	1	1	19.7	19.0	0.355	0.417	0.162	0.190	18.9	0.347	0.158	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497860	2489.3	12	6	19.7	18.9	0.390	0.469	0.178	0.214	18.9	0.390	0.178	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	497860	2489.3	1	1	19.7	19.0	0.973	1.143	0.391	0.459	18.9	0.951	0.382	83
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	497860	2489.3	12	6	19.7	18.9	0.897	1.078	0.361	0.434	18.9	0.897	0.361	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497860	2489.3	1	1	19.7	19.0	0.091	0.107	0.042	0.049	18.9	0.089	0.041	
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497860	2489.3	12	6	19.7	18.9	0.117	0.141	0.055	0.066	18.9	0.117	0.055	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m/m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	1	1	20.7	19.1	0.579	0.837	0.235	0.340	19.9	0.696	0.283	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	12	6	20.7	19.2	0.572	0.808	0.233	0.329	19.9	0.672	0.274	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	1	1	20.7	19.1	0.688	0.994	0.273	0.395	19.9	0.827	0.328	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	12	6	20.7	19.2	0.675	0.953	0.264	0.373	19.9	0.793	0.310	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	1	1	20.7	19.1	0.740	1.070	0.301	0.435	19.9	0.890	0.362	84
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	12	6	20.7	19.2	0.711	1.004	0.290	0.410	19.9	0.835	0.341	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	1	1	20.7	19.1	0.598	0.864	0.234	0.338	19.9	0.719	0.281	
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	12	6	20.7	19.2	0.629	0.888	0.247	0.349	19.9	0.739	0.290	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497860	2489.3	1	1	20.7	19.1	0.442	0.639	0.193	0.279	20.7	0.639	0.279	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	497860	2489.3	12	6	20.7	19.2	0.500	0.706	0.220	0.311	20.7	0.706	0.311	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497860	2489.3	1	1	20.7	19.1	0.238	0.344	0.105	0.152	20.7	0.344	0.152	
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	497860	2489.3	12	6	20.7	19.2	0.284	0.401	0.127	0.179	20.7	0.401	0.179	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	497860	2489.3	1	1	20.7	19.1	0.540	0.781	0.212	0.306	20.7	0.781	0.306	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	497860	2489.3	12	6	20.7	19.2	0.512	0.723	0.198	0.280	20.7	0.723	0.280	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497860	2489.3	1	1	20.7	19.1	0.052	0.075	0.025	0.036	20.7	0.075	0.036	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	497860	2489.3	12	6	20.7	19.2	0.042	0.059	0.021	0.030	20.7	0.059	0.030	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497860	2489.3	1	1	20.7	19.1	0.379	0.548	0.181	0.262	20.7	0.548	0.262	
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	497860	2489.3	12	6	20.7	19.2	0.454	0.641	0.213	0.301	20.7	0.641	0.301	

10.31. NR Band n66 (45MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	1	25.7	24.2	0.052	0.073	0.035	0.049	25.7	0.073	0.049					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	120	61	25.7	24.0	0.065	0.096	0.043	0.064	25.7	0.096	0.064					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	1	25.7	24.2	0.048	0.068	0.031	0.044	25.7	0.068	0.044					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	120	61	25.7	24.0	0.055	0.081	0.035	0.052	25.7	0.081	0.052					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	1	25.7	24.2	0.136	0.192	0.089	0.126	25.7	0.192	0.126					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	120	61	25.7	24.0	0.136	0.201	0.089	0.132	25.7	0.201	0.132					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	1	25.7	24.2	0.044	0.062	0.029	0.041	25.7	0.062	0.041					
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	120	61	25.7	24.0	0.045	0.067	0.030	0.044	25.7	0.067	0.044					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	1	20.0	19.8	0.587	0.615	0.303	0.317	19.2	0.511	0.264					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	120	61	20.0	19.8	0.566	0.593	0.294	0.308	19.2	0.493	0.256					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	1	20.0	19.8	0.456	0.477	0.231	0.242	19.2	0.397	0.201					
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	120	61	20.0	19.8	0.475	0.497	0.241	0.252	19.2	0.414	0.210					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	1	20.0	19.8	0.154	0.161	0.076	0.080	19.2	0.134	0.066					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	120	61	20.0	19.8	0.180	0.188	0.089	0.093	19.2	0.157	0.078					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	1	20.0	19.8	0.840	0.880	0.414	0.434	19.2	0.732	0.361					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	120	61	20.0	19.8	0.834	0.873	0.408	0.427	19.2	0.726	0.355					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	1	20.0	19.8	0.010	0.010	0.005	0.005	19.2	0.009	0.004					
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	120	61	20.0	19.8	0.007	0.007	0.004	0.004	19.2	0.006	0.003					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	1	18.8	17.4	0.543	0.750	0.259	0.358	18.0	0.623	0.297					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	120	61	18.8	17.3	0.424	0.599	0.204	0.288	18.0	0.498	0.240					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	1	18.8	17.4	0.667	0.921	0.309	0.427	18.0	0.766	0.355					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	120	61	18.8	17.3	0.520	0.735	0.238	0.336	18.0	0.611	0.280					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	1	18.8	17.4	0.687	0.948	0.326	0.450	18.0	0.789	0.374					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	120	61	18.8	17.3	0.593	0.838	0.282	0.398	18.0	0.697	0.331					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	1	18.8	17.4	0.755	1.042	0.349	0.482	18.0	0.867	0.401					
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	120	61	18.8	17.3	0.632	0.893	0.291	0.411	18.0	0.743	0.342					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	1	18.7	17.3	0.752	1.038	0.349	0.482	17.8	0.844	0.392					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	120	61	18.7	17.2	0.660	0.932	0.308	0.435	17.8	0.758	0.354					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	1	18.7	17.3	0.412	0.569	0.194	0.268	17.8	0.462	0.218					
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	120	61	18.7	17.2	0.352	0.497	0.167	0.236	17.8	0.404	0.192					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	1	1	18.7	17.3	0.759	1.048	0.337	0.465	17.8	0.852	0.378					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	120	61	18.7	17.2	0.698	0.986	0.308	0.435	17.8	0.801	0.354					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	1	18.7	17.3	0.004	0.006	0.002	0.003	17.8	0.004	0.002					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	120	61	18.7	17.2	0.003	0.004	0.002	0.003	17.8	0.003	0.002					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	1	18.7	17.3	0.067	0.092	0.034	0.047	17.8	0.075	0.038					
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	120	61	18.7	17.2	0.066	0.093	0.033	0.047	17.8	0.076	0.038					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	1	23.2	21.8	0.310	0.428	0.205	0.283	22.4	0.356	0.235					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	120	61	23.2	21.7	0.309	0.436	0.204	0.288	22.4	0.363	0.240					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	1	23.2	21.8	0.212	0.293	0.136	0.188	22.4	0.243	0.156					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	120	61	23.2	21.7	0.199	0.281	0.128	0.181	22.4	0.234	0.150					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	1	23.2	21.8	0.156	0.215	0.111	0.153	22.4	0.179	0.127					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	120	61	23.2	21.7	0.159	0.225	0.110	0.155	22.4	0.187	0.129					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	1	23.2	21.8	0.163	0.225	0.105	0.145	22.4	0.187	0.121					
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	120	61	23.2	21.7	0.156	0.220	0.101	0.143	22.4	0.183	0.119					
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	240	22.8	21.3	0.611	0.863	0.345	0.487	22.0	0.718	0.405					
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	120	61	22.8	20.9	0.601	0.931	0.342	0.530	22.0	0.774	0.441					
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	240	22.8	21.3	0.534	0.754	0.294	0.415	22.0	0.627	0.345					
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	120	61	22.8	20.9	0.456	0.706	0.253	0.392	22.0	0.587	0.326					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	240	22.8	21.3	0.233	0.329	0.124	0.175	22.0	0.274	0.146					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	120	61	22.8	20.9	0.253	0.392	0.137	0.212	22.0	0.326	0.176					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	240	22.8	21.3	0.603	0.852	0.324	0.458	22.0	0.708	0.381					
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	120	61	22.8	20.9	0.571	0.884	0.310	0.480	22.0	0.736	0.399					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	1	19.3	17.9	0.756	1.044	0.367	0.507	18.5	0.868	0.421					
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	120	61	19.3	17.7	0.763	1.103	0.363	0.525	18.5	0.917	0.436	85				
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745																

10.32. NR Band n70 (15MHz Bandwidth)

										Cellular PS1										Cellular PS2				
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.					
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	1	25.7	24.4	0.043	0.058	0.028	0.038	25.7	0.058	0.038						
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.7	24.4	0.038	0.051	0.027	0.036	25.7	0.051	0.036						
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	25.7	24.4	0.020	0.027	0.013	0.018	25.7	0.027	0.018						
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.7	24.4	0.029	0.039	0.017	0.023	25.7	0.039	0.023						
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	25.7	24.4	0.110	0.148	0.073	0.098	25.7	0.148	0.098						
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.7	24.4	0.113	0.152	0.076	0.103	25.7	0.152	0.103						
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	25.7	24.4	0.035	0.047	0.023	0.031	25.7	0.047	0.031						
ANT 1	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.7	24.4	0.038	0.051	0.024	0.032	25.7	0.051	0.032						
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	21.0	20.0	0.605	0.762	0.312	0.393	20.2	0.634	0.327						
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	21.0	19.9	0.626	0.806	0.323	0.416	20.2	0.671	0.346						
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	21.0	20.0	0.469	0.590	0.237	0.298	20.2	0.491	0.248						
ANT 1	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	21.0	19.9	0.465	0.599	0.236	0.304	20.2	0.498	0.253						
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	1	21.0	20.0	0.112	0.141	0.056	0.070	20.2	0.117	0.059						
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	21.0	19.9	0.116	0.149	0.058	0.075	20.2	0.124	0.062						
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	1	21.0	20.0	0.858	1.080	0.425	0.535	20.2	0.898	0.445						
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	21.0	19.9	0.865	1.114	0.426	0.549	20.2	0.927	0.456						
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	1	21.0	20.0	0.016	0.020	0.009	0.011	20.2	0.017	0.009						
ANT 1	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	21.0	19.9	0.015	0.019	0.008	0.010	20.2	0.016	0.009						
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.					
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	1	18.8	17.4	0.571	0.788	0.263	0.363	18.0	0.656	0.302						
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	18.8	17.3	0.544	0.768	0.253	0.357	18.0	0.639	0.297						
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	18.8	17.4	0.642	0.886	0.296	0.409	18.0	0.737	0.340						
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	18.8	17.3	0.633	0.894	0.292	0.412	18.0	0.744	0.343						
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	18.8	17.4	0.703	0.970	0.327	0.451	18.0	0.807	0.375						
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	18.8	17.3	0.672	0.949	0.318	0.449	18.0	0.790	0.374						
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	18.8	17.4	0.769	1.062	0.356	0.491	18.0	0.883	0.409						
ANT 2	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	18.8	17.3	0.756	1.068	0.349	0.493	18.0	0.888	0.410	88					
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	19.6	18.4	0.663	0.874	0.315	0.415	18.8	0.727	0.345						
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	19.6	18.3	0.688	0.928	0.327	0.441	18.8	0.772	0.367						
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	19.6	18.4	0.308	0.406	0.151	0.199	18.8	0.338	0.166						
ANT 2	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	19.6	18.3	0.387	0.522	0.186	0.251	18.8	0.434	0.209						
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	1	19.6	18.4	0.884	1.165	0.390	0.514	18.8	0.969	0.428	89					
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	19.6	18.3	0.857	1.156	0.381	0.514	18.8	0.962	0.427						
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	1	19.6	18.4	0.006	0.008	0.002	0.003	18.8	0.007	0.002						
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.6	18.3	0.006	0.008	0.003	0.004	18.8	0.007	0.003						
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	1	19.6	18.4	0.050	0.066	0.026	0.034	18.8	0.055	0.029						
ANT 2	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	19.6	18.3	0.056	0.076	0.029	0.039	18.8	0.063	0.033						
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.					
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	1	25.7	24.1	0.256	0.370	0.171	0.247	25.7	0.370	0.247						
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.7	24.0	0.253	0.374	0.170	0.251	25.7	0.374	0.251						
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	25.7	24.1	0.201	0.291	0.131	0.189	25.7	0.291	0.189						
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.7	24.0	0.200	0.296	0.131	0.194	25.7	0.296	0.194						
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	25.7	24.1	0.141	0.204	0.098	0.142	25.7	0.204	0.142						
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.7	24.0	0.148	0.219	0.102	0.151	25.7	0.219	0.151						
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	25.7	24.1	0.160	0.231	0.103	0.149	25.7	0.231	0.149						
ANT 3	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.7	24.0	0.158	0.234	0.102	0.151	25.7	0.234	0.151						
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	23.0	21.6	0.689	0.951	0.393	0.542	22.2	0.791	0.451						
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	23.0	21.5	0.679	0.959	0.388	0.548	22.2	0.798	0.456	90					
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	23.0	21.6	0.523	0.722	0.297	0.410	22.2	0.600	0.341						
ANT 3	Body & Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	23.0	21.5	0.527	0.744	0.297	0.420	22.2	0.619	0.349						
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	1	23.0	21.6	0.316	0.436	0.176	0.243	22.2	0.363	0.202						
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	23.0	21.5	0.318	0.449	0.177	0.250	22.2	0.374	0.208						
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	1	23.0	21.6	0.655	0.904	0.358	0.494	22.2	0.752	0.411						
ANT 3	Hotspot	DFT-s-OFDM n/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	23.0	21.5	0.634	0.896	0.348	0.492	22.2	0.745	0.409						
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.					
ANT 4	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	1	20.0	18.0	0.646	1.024	0.320	0.507	19.2	0.852	0.422						
ANT 4	Head	DFT-s-OFDM n/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	20.0	18.0	0.656	1.040	0.321	0.509	19.								

10.33. NR Band n71 (20MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	1	25.7	24.3	0.088	0.121	0.071	0.098	25.7	0.121	0.098					
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.7	24.2	0.092	0.130	0.072	0.102	25.7	0.130	0.102					
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	1	25.7	24.3	0.051	0.070	0.039	0.054	25.7	0.070	0.054					
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.7	24.2	0.036	0.051	0.027	0.038	25.7	0.051	0.038					
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	1	25.7	24.3	0.104	0.144	0.083	0.115	25.7	0.144	0.115					
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.7	24.2	0.106	0.150	0.084	0.119	25.7	0.150	0.119					
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	1	25.7	24.3	0.055	0.076	0.045	0.062	25.7	0.076	0.062					
ANT 1	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.7	24.2	0.049	0.069	0.038	0.054	25.7	0.069	0.054					
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	1	1	25.7	24.3	0.307	0.424	0.196	0.271	25.7	0.424	0.271					
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.7	24.2	0.297	0.420	0.174	0.246	25.7	0.420	0.246					
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	1	1	25.7	24.3	0.175	0.242	0.108	0.149	25.7	0.242	0.149					
ANT 1	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.7	24.2	0.181	0.256	0.113	0.160	25.7	0.256	0.160					
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	1	25.7	24.3	0.336	0.464	0.222	0.306	25.7	0.464	0.306					
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.7	24.2	0.357	0.504	0.236	0.333	25.7	0.504	0.333	91				
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	1	25.7	24.3	0.220	0.304	0.103	0.142	25.7	0.304	0.142					
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.7	24.2	0.237	0.335	0.110	0.155	25.7	0.335	0.155					
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	1	25.7	24.3	0.122	0.168	0.081	0.112	25.7	0.168	0.112					
ANT 1	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.7	24.2	0.121	0.171	0.081	0.114	25.7	0.171	0.114					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	104	25.2	24.0	0.379	0.500	0.254	0.335	25.2	0.500	0.335					
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.2	23.9	0.383	0.517	0.256	0.345	25.2	0.517	0.345					
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	104	25.2	24.0	0.358	0.472	0.206	0.272	25.2	0.472	0.272					
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.2	23.9	0.378	0.510	0.218	0.294	25.2	0.510	0.294					
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	104	25.2	24.0	0.578	0.762	0.368	0.485	25.2	0.762	0.485					
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.2	23.9	0.575	0.776	0.359	0.484	25.2	0.776	0.484	92				
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	104	25.2	24.0	0.506	0.667	0.271	0.357	25.2	0.667	0.357					
ANT 2	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.2	23.9	0.532	0.718	0.281	0.379	25.2	0.718	0.379					
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	1	104	25.2	24.0	0.382	0.504	0.219	0.289	25.2	0.504	0.289	93				
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.2	23.9	0.371	0.500	0.212	0.286	25.2	0.500	0.286					
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	1	104	25.2	24.0	0.210	0.277	0.130	0.171	25.2	0.277	0.171					
ANT 2	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.2	23.9	0.195	0.263	0.125	0.169	25.2	0.263	0.169					
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	136100	680.5	1	104	25.2	24.0	0.142	0.187	0.071	0.094	25.2	0.187	0.094					
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	136100	680.5	50	28	25.2	23.9	0.144	0.194	0.071	0.096	25.2	0.194	0.096					
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	104	25.2	24.0	0.119	0.157	0.079	0.104	25.2	0.157	0.104					
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.2	23.9	0.116	0.156	0.078	0.105	25.2	0.156	0.105					
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	104	25.2	24.0	0.290	0.382	0.194	0.256	25.2	0.382	0.256					
ANT 2	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.2	23.9	0.283	0.382	0.189	0.255	25.2	0.382	0.255					

10.34. NR Band n77 (Block A) PC3 (100MHz Bandwidth)

										Cellular PS1										Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	1	1	25.7	24.6	0.119	0.153	0.057	0.073	25.7	0.153	0.073					
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	135	69	25.7	24.3	0.102	0.141	0.045	0.062	25.7	0.141	0.062					
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	1	1	25.7	24.6	0.103	0.133	0.036	0.046	25.7	0.133	0.046					
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	135	69	25.7	24.3	0.094	0.130	0.027	0.037	25.7	0.130	0.037					
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	1	1	25.7	24.6	0.174	0.224	0.083	0.107	25.7	0.224	0.107					
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	135	69	25.7	24.3	0.185	0.255	0.085	0.117	25.7	0.255	0.117					
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	1	1	25.7	24.6	0.060	0.077	0.026	0.033	25.7	0.077	0.033					
ANT 7	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	135	69	25.7	24.3	0.063	0.087	0.025	0.035	25.7	0.087	0.035					
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633334	3500.01	1	1	19.9	18.6	0.451	0.608	0.168	0.227	19.1	0.506	0.188					
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633334	3500.01	135	69	19.9	18.2	0.426	0.630	0.158	0.234	19.1	0.524	0.194					
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633334	3500.01	1	1	19.9	18.6	0.267	0.360	0.094	0.127	19.1	0.300	0.105					
ANT 7	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633334	3500.01	135	69	19.9	18.2	0.247	0.365	0.086	0.127	19.1	0.304	0.106					
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633334	3500.01	1	1	19.9	18.6	0.531	0.716	0.188	0.254	19.1	0.596	0.211					
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633334	3500.01	135	69	19.9	18.2	0.539	0.797	0.193	0.285	19.1	0.663	0.237					
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	1	1	19.9	18.6	0.056	0.076	0.027	0.036	19.1	0.063	0.030					
ANT 7	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	135	69	19.9	18.2	0.081	0.120	0.035	0.052	19.1	0.100	0.043					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	1	1	21.2	20.1	0.849	1.094	0.319	0.411	20.4	0.910	0.342					
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	135	69	21.2	20.0	0.829	1.093	0.270	0.356	20.4	0.909	0.296					
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	1	1	21.2	20.1	0.872	1.123	0.340	0.438	20.4	0.934	0.364					
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	135	69	21.2	20.0	0.879	1.159	0.285	0.376	20.4	0.964	0.312	94				
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	1	1	21.2	20.1	0.636	0.819	0.266	0.343	20.4	0.681	0.285					
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	135	69	21.2	20.0	0.571	0.753	0.226	0.298	20.4	0.626	0.248					
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	1	1	21.2	20.1	0.581	0.748	0.237	0.305	20.4	0.623	0.254					
ANT 8	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	135	69	21.2	20.0	0.505	0.666	0.201	0.265	20.4	0.554	0.220					
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633334	3500.01	1	1	20.8	19.5	0.620	0.836	0.232	0.313	20.0	0.696	0.260					
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633334	3500.01	135	69	20.8	19.2	0.560	0.809	0.207	0.299	20.0	0.673	0.249					
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633334	3500.01	1	1	20.8	19.5	0.406	0.548	0.159	0.214	20.0	0.456	0.178					
ANT 8	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633334	3500.01	135	69	20.8	19.2	0.431	0.623	0.146	0.211	20.0	0.518	0.176					
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	633334	3500.01	1	1	20.8	19.5	0.759	1.024	0.240	0.324	20.0	0.852	0.269					
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Top	633334	3500.01	135	69	20.8	19.2	0.820	1.185	0.251	0.363	20.0	0.986	0.302	95				
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633334	3500.01	1	1	20.8	19.5	0.013	0.018	0.003	0.004	20.0	0.015	0.003					
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633334	3500.01	135	69	20.8	19.2	0.028	0.040	0.009	0.013	20.0	0.034	0.011					
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633334	3500.01	1	1	20.8	19.5	0.429	0.579	0.172	0.232	20.0	0.481	0.193					
ANT 8	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633334	3500.01	135	69	20.8	19.2	0.286	0.413	0.118	0.171	20.0	0.344	0.142					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	1	1	25.7	24.9	0.215	0.258	0.096	0.115	25.7	0.258	0.115					
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	135	69	25.7	24.5	0.214	0.282	0.095	0.125	25.7	0.282	0.125					
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	1	1	25.7	24.9	0.172	0.207	0.060	0.072	25.7	0.207	0.072					
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	135	69	25.7	24.5	0.145	0.191	0.046	0.061	25.7	0.191	0.061					
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	1	1	25.7	24.9	0.143	0.172	0.065	0.078	25.7	0.172	0.078					
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	135	69	25.7	24.5	0.134	0.177	0.055	0.073	25.7	0.177	0.073					
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	1	1	25.7	24.9	0.113	0.136	0.045	0.054	25.7	0.136	0.054					
ANT 9	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	135	69	25.7	24.5	0.112	0.148	0.041	0.054	25.7	0.148	0.054					
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633334	3500.01	1	1	19.6	18.0	0.409	0.591	0.153	0.221	18.8	0.492	0.184					
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Back	633334	3500.01	135	69	19.6	17.8	0.362	0.548	0.135	0.204	18.8	0.456	0.170					
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633334	3500.01	1	1	19.6	18.0	0.149	0.215	0.059	0.085	18.8	0.179	0.071					
ANT 9	Body & Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Front	633334	3500.01	135	69	19.6	17.8	0.123	0.186	0.049	0.074	18.8	0.155	0.062					
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633334	3500.01	1	1	19.6	18.0	0.364	0.526	0.138	0.199	18.8	0.438	0.166					
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Right	633334	3500.01	135	69	19.6	17.8	0.310	0.469	0.119	0.180	18.8	0.390	0.150					
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	1	1	19.6	18.0	0.262	0.379	0.099	0.143	18.8	0.315	0.119					
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	135	69	19.6	17.8	0.212	0.321	0.076	0.115	18.8	0.267	0.096					
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633334	3500.01	1	1	19.6	18.0	0.453	0.655	0.165	0.238	18.8	0.545	0.198					
ANT 9	Hotspot	DFT-s-OFDM 11/2 BPSK	Mode B	5	Edge Left	633334	3500.01	135	69	19.6	17.8	0.425	0.643	0.153	0.232	18.8	0.535	0.193					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.				
ANT 4	Head	DFT-s-OFDM 11/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	1	1	22.5	21.3	0.705	0.929	0.289	0.381	21.7	0.773	0.317					

10.35. NR Band n77 (Block C) PC3 (100MHz Bandwidth)

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Cellular PS1					Cellular PS2					Plot No.
										Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	1	25.7	24.8	0.103	0.127	0.042	0.052	25.7	0.127	0.052		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	25.7	24.5	0.074	0.098	0.031	0.041	25.7	0.098	0.041		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	1	25.7	24.8	0.121	0.149	0.038	0.047	25.7	0.149	0.047		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	25.7	24.5	0.076	0.100	0.022	0.029	25.7	0.100	0.029		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	1	25.7	24.8	0.218	0.268	0.096	0.118	25.7	0.268	0.118		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	25.7	24.5	0.199	0.262	0.084	0.111	25.7	0.262	0.111		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	1	25.7	24.8	0.079	0.097	0.029	0.036	25.7	0.097	0.036		
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	25.7	24.5	0.065	0.086	0.024	0.032	25.7	0.086	0.032		
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	1	19.9	18.8	0.642	0.827	0.231	0.298	19.1	0.888	0.248		
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.9	18.7	0.552	0.728	0.194	0.256	19.1	0.605	0.213		
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	1	19.9	18.8	0.226	0.291	0.079	0.102	19.1	0.242	0.085		
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.9	18.7	0.200	0.264	0.070	0.092	19.1	0.219	0.077		
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	1	1	19.9	18.8	0.496	0.639	0.180	0.232	19.1	0.531	0.193	97	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.9	18.7	0.478	0.630	0.165	0.218	19.1	0.524	0.181		
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	1	19.9	18.8	0.176	0.227	0.051	0.066	19.1	0.189	0.055		
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	19.9	18.7	0.121	0.160	0.032	0.042	19.1	0.133	0.035		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	1	21.2	20.1	0.452	0.582	0.138	0.178	20.4	0.484	0.148		
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	21.2	19.9	0.501	0.676	0.154	0.208	20.4	0.562	0.173		
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	1	21.2	20.1	0.504	0.649	0.147	0.189	20.4	0.540	0.158		
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	21.2	19.9	0.509	0.687	0.146	0.197	20.4	0.571	0.164		
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	1	21.2	20.1	0.313	0.403	0.118	0.152	20.4	0.335	0.126		
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	21.2	19.9	0.342	0.461	0.139	0.188	20.4	0.384	0.156		
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	1	21.2	20.1	0.341	0.439	0.136	0.175	20.4	0.365	0.146		
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	21.2	19.9	0.318	0.429	0.124	0.167	20.4	0.357	0.139		
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	1	20.8	19.7	0.308	0.397	0.093	0.120	20.0	0.330	0.100		
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	20.8	19.4	0.346	0.478	0.105	0.145	20.0	0.397	0.121		
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	1	20.8	19.7	0.153	0.197	0.048	0.062	20.0	0.164	0.051		
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	20.8	19.4	0.149	0.206	0.046	0.063	20.0	0.171	0.053		
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	1	1	20.8	19.7	0.433	0.558	0.120	0.155	20.0	0.464	0.129		
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	135	69	20.8	19.4	0.346	0.478	0.097	0.134	20.0	0.397	0.111		
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	1	1	20.8	19.7	0.017	0.022	0.004	0.005	20.0	0.018	0.004		
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	20.8	19.4	0.024	0.033	0.007	0.010	20.0	0.028	0.008		
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	1	1	20.8	19.7	0.055	0.071	0.018	0.023	20.0	0.059	0.019		
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	20.8	19.4	0.046	0.063	0.016	0.022	20.0	0.053	0.018		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	1	25.7	24.9	0.085	0.102	0.029	0.035	25.7	0.102	0.035		
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	25.7	24.6	0.099	0.128	0.034	0.044	25.7	0.128	0.044		
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	1	25.7	24.9	0.053	0.064	0.014	0.017	25.7	0.064	0.017		
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	25.7	24.6	0.067	0.086	0.023	0.030	25.7	0.086	0.030		
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	1	25.7	24.9	0.050	0.060	0.017	0.020	25.7	0.060	0.020		
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	25.7	24.6	0.038	0.049	0.013	0.017	25.7	0.049	0.017		
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	1	25.7	24.9	0.055	0.066	0.012	0.014	25.7	0.066	0.014		
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	25.7	24.6	0.057	0.073	0.013	0.017	25.7	0.073	0.017		
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	1	19.6	18.1	0.410	0.579	0.139	0.196	18.8	0.482	0.163		
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.6	17.8	0.416	0.630	0.140	0.212	18.8	0.524	0.176		
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	1	19.6	18.1	0.173	0.244	0.054	0.076	18.8	0.203	0.063		
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.6	17.8	0.136	0.206	0.052	0.079	18.8	0.171	0.065		
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	1	1	19.6	18.1	0.054	0.076	0.013	0.018	18.8	0.063	0.015		
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.6	17.8	0.036	0.054	0.007	0.011	18.8	0.045	0.009		
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	1	19.6	18.1	0.289	0.408	0.103	0.145	18.8	0.340	0.121		
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	19.6	17.8	0.274	0.415	0.094	0.142	18.8	0.345	0.118		
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	1	1	19.6	18.1	0.306	0.432	0.102	0.144	18.8	0.360	0.120		
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	19.6	17.8	0.315	0.477	0.103	0.156	18.8	0.397	0.130		
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	271	22.5	21.6	0.826	1.016	0.340	0.418	21.7	0.845	0.348		
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	22.5	21.4	0.791	1.019	0.332	0.428	21.7	0.848	0.356		

10.36. NR Band n77 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tests were performed using Power Class 3. SAR tests for Power Class 2 is performed using the highest SAR test configuration from Power Class 3 for each 5G NR (FR1) TDD configuration and exposure condition combination. Manufacturer/OEM declares operating duty cycle to be 100% and 50% for 5G NR (FR1) TDD Power Class 3 and Power Class 2 respectively. These Duty cycles were used for all 5G NR (FR1) TDD Power Class 3 and Power Class 2 SAR evaluations.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block A PC2			FR1 n77 Block A PC3				Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 1	Head	QPSK	Mode A	50.0%	28.7	370.7	100.0%	25.7	371.5	0.255	0.255	-0.15%	No
ANT 1	Body & Hotspot	QPSK	Mode B	50.0%	22.9	97.5	100.0%	19.9	97.7	0.630	0.629	-0.17%	No
ANT 1	Hotspot	QPSK	Mode B	50.0%	22.9	97.5	100.0%	19.9	97.7	0.797	0.795	-0.28%	No
ANT 2	Head	QPSK	Mode A	50.0%	24.2	131.5	100.0%	21.2	131.8	1.159	1.156	-0.24%	No
ANT 2	Body & Hotspot	QPSK	Mode B	50.0%	23.8	119.9	100.0%	20.8	120.2	0.836	0.834	-0.28%	No
ANT 2	Hotspot	QPSK	Mode B	50.0%	23.8	119.9	100.0%	20.8	120.2	1.185	1.182	-0.28%	No
ANT 3	Head	QPSK	Mode A	50.0%	28.7	370.7	100.0%	25.7	371.5	0.282	0.281	-0.39%	No
ANT 3	Body & Hotspot	QPSK	Mode B	50.0%	22.6	91.0	100.0%	19.6	91.2	0.153	0.153	0.00%	No
ANT 3	Hotspot	QPSK	Mode B	50.0%	22.6	91.0	100.0%	19.6	91.2	0.655	0.653	-0.27%	No
ANT 4	Head	QPSK	Mode A	50.0%	24.7	147.6	100.0%	22.5	177.8	0.966	0.802	-17.00%	No
ANT 4	Body & Hotspot	QPSK	Mode B	50.0%	24.7	147.6	100.0%	22.4	173.8	1.122	0.952	-15.12%	No
ANT 4	Hotspot	QPSK	Mode B	50.0%	24.7	147.6	100.0%	22.4	173.8	1.122	0.952	-15.12%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block C PC2			FR1 n77 Block C PC3				Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 1	Head	QPSK	Mode A	50.0%	28.7	370.7	100.0%	25.7	371.5	0.268	0.268	-0.07%	No
ANT 1	Body & Hotspot	QPSK	Mode B	50.0%	22.9	97.5	100.0%	19.9	97.7	0.827	0.825	-0.25%	No
ANT 1	Hotspot	QPSK	Mode B	50.0%	22.9	97.5	100.0%	19.9	97.7	0.827	0.825	-0.25%	No
ANT 2	Head	QPSK	Mode A	50.0%	24.2	131.5	100.0%	21.2	131.8	0.687	0.685	-0.24%	No
ANT 2	Body & Hotspot	QPSK	Mode B	50.0%	23.8	119.9	100.0%	20.8	120.2	0.478	0.476	-0.34%	No
ANT 2	Hotspot	QPSK	Mode B	50.0%	23.8	119.9	100.0%	20.8	120.2	0.558	0.556	-0.32%	No
ANT 3	Head	QPSK	Mode A	50.0%	28.7	370.7	100.0%	25.7	371.5	0.128	0.127	-0.42%	No
ANT 3	Body & Hotspot	QPSK	Mode B	50.0%	22.6	91.0	100.0%	19.6	91.2	0.140	0.14	0.00%	No
ANT 3	Hotspot	QPSK	Mode B	50.0%	22.6	91.0	100.0%	19.6	91.2	0.630	0.628	-0.26%	No
ANT 4	Head	QPSK	Mode A	50.0%	24.7	147.6	100.0%	22.5	177.8	1.019	0.846	-16.98%	No
ANT 4	Body & Hotspot	QPSK	Mode B	50.0%	24.7	147.6	100.0%	22.4	173.8	1.043	0.885	-15.14%	No
ANT 4	Hotspot	QPSK	Mode B	50.0%	24.7	147.6	100.0%	22.4	173.8	1.043	0.885	-15.14%	No

Conclusion:

SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.37. Wi-Fi 2.4 GHz(DTS Band)

When the 802.11b reported SAR of the highest measured maximum output power channel is ≤ 0.8 W/kg, no further SAR testing is required. If SAR is > 0.8 W/kg and ≤ 1.2 W/kg, SAR is required for the next highest measured output power channel. Finally, if SAR is > 1.2 W/kg, SAR is required for the third channel.

SAR testing is not required for OFDM mode(s) when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Wi-Fi PS1 Mode A	0	Left Cheek	11	2462	98.37%	0.109	21.00	20.00	0.112	0.143	0.062	0.079	
ANT 3	Head	802.11b	Wi-Fi PS1 Mode A	0	Left Tilt	11	2462	98.37%	0.044	21.00	20.00					
ANT 3	Head	802.11b	Wi-Fi PS1 Mode A	0	Right Cheek	11	2462	98.37%	0.066	21.00	20.00					
ANT 3	Head	802.11b	Wi-Fi PS1 Mode A	0	Right Tilt	11	2462	98.37%	0.063	21.00	20.00					
ANT 3	Body & Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Back	11	2462	98.37%	0.532	21.00	20.00	0.551	0.705	0.257	0.329	
ANT 3	Body & Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Front	11	2462	98.37%	0.436	21.00	20.00	0.439	0.562	0.223	0.285	
ANT 3	Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Edge Bottom	11	2462	98.37%	0.437	21.00	20.00	0.438	0.561	0.206	0.264	
ANT 3	Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Edge Left	11	2462	98.37%	0.395	21.00	20.00					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	802.11b	Wi-Fi PS1 Mode A	0	Left Cheek	6	2437	98.37%	0.822	19.75	18.60	0.867	1.149	0.419	0.555	100
ANT 4	Head	802.11b	Wi-Fi PS1 Mode A	0	Left Cheek	11	2462	98.37%	0.777	19.75	18.70	0.848	1.098	0.406	0.526	
ANT 4	Head	802.11b	Wi-Fi PS1 Mode A	0	Left Tilt	11	2462	98.37%	0.457	19.75	18.70	0.477	0.618	0.218	0.282	
ANT 4	Head	802.11b	Wi-Fi PS1 Mode A	0	Right Cheek	11	2462	98.37%	0.233	19.75	18.70					
ANT 4	Head	802.11b	Wi-Fi PS1 Mode A	0	Right Tilt	11	2462	98.37%	0.186	19.75	18.70					
ANT 4	Body & Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Back	6	2437	98.37%	0.568	20.50	19.30	0.552	0.740	0.281	0.377	
ANT 4	Body & Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Back	11	2462	98.37%	0.620	20.50	19.50	0.646	0.827	0.324	0.415	101
ANT 4	Body & Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Front	11	2462	98.37%	0.424	20.50	19.50	0.440	0.563	0.226	0.289	
ANT 4	Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Edge Top	11	2462	98.37%	0.119	20.50	19.50					
ANT 4	Hotspot	802.11b	Wi-Fi PS1 Mode B	5	Edge Right	11	2462	98.37%	0.575	20.50	19.50	0.604	0.773	0.279	0.357	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	802.11b	Wi-Fi PS3 Mode B	5	Back	1	2412	98.37%	0.394	20.00	18.90	0.404	0.529	0.186	0.244	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	802.11b	Wi-Fi PS3 Mode A	0	Left Cheek	11	2462	98.37%	0.426	16.50	15.50	0.426	0.545	0.199	0.255	
ANT 4	Head	802.11b	Wi-Fi PS3 Mode A	0	Left Tilt	11	2462	98.37%	0.215	16.50	15.50	0.220	0.282	0.101	0.129	
ANT 4	Body & Hotspot	802.11b	Wi-Fi PS3 Mode B	5	Back	11	2462	98.37%	0.419	18.25	17.25	0.430	0.550	0.223	0.285	
ANT 4	Hotspot	802.11b	Wi-Fi PS3 Mode B	5	Edge Right	11	2462	98.37%	0.353	18.25	17.25	0.391	0.500	0.179	0.229	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	802.11b	Wi-Fi PS4 Mode B	5	Back	1	2412	98.37%	0.394	19.25	18.90	0.404	0.445	0.186	0.205	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	802.11b	Wi-Fi PS4 Mode A	0	Left Cheek	11	2462	98.37%	0.426	15.75	15.50	0.426	0.459	0.199	0.214	
ANT 4	Head	802.11b	Wi-Fi PS4 Mode A	0	Left Tilt	11	2462	98.37%	0.215	15.75	15.50	0.220	0.237	0.101	0.109	
ANT 4	Body & Hotspot	802.11b	Wi-Fi PS4 Mode B	5	Back	11	2462	98.37%	0.419	17.50	17.25	0.430	0.463	0.223	0.240	
ANT 4	Hotspot	802.11b	Wi-Fi PS4 Mode B	5	Edge Right	11	2462	98.37%	0.353	17.50	17.25	0.391	0.421	0.179	0.193	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	802.11b	Wi-Fi PS5 Mode B	5	Back	1	2412	98.37%	0.394	18.25	18.90	0.404	0.354	0.186	0.163	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	802.11b	Wi-Fi PS5 Mode A	0	Left Cheek	11	2462	98.37%	0.426	14.75	15.50	0.426	0.364	0.199	0.170	
ANT 4	Head	802.11b	Wi-Fi PS5 Mode A	0	Left Tilt	11	2462	98.37%	0.215	14.75	15.50	0.220	0.188	0.101	0.086	
ANT 4	Body & Hotspot	802.11b	Wi-Fi PS5 Mode B	5	Back	11	2462	98.37%	0.419	16.50	17.25	0.430	0.368	0.223	0.191	
ANT 4	Hotspot	802.11b	Wi-Fi PS5 Mode B	5	Edge Right	11	2462	98.37%	0.353	16.50	17.25	0.391	0.334	0.179	0.153	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	802.11b	Wi-Fi PS6 Mode B	5	Back	1	2412	98.37%	0.394	17.00	18.90	0.404	0.265	0.186	0.122	
ANT 3	Hotspot	802.11b	Wi-Fi PS6 Mode B	5	Edge Right	1	2412	98.37%	0.069	17.00	18.90					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	802.11b	Wi-Fi PS6 Mode A	0	Left Cheek	11	2462	98.37%	0.426	13.50	15.50	0.426	0.273	0.199	0.128	
ANT 4	Head	802.11b	Wi-Fi PS6 Mode A	0	Left Tilt	11	2462	98.37%	0.215	13.50	15.50	0.220	0.141	0.101	0.065	
ANT 4	Body & Hotspot	802.11b	Wi-Fi PS6 Mode B	5	Back	11	2462	98.37%	0.419	15.25	17.25	0.430	0.276	0.223	0.143	
ANT 4	Hotspot	802.11b	Wi-Fi PS6 Mode B	5	Edge Right	11	2462	98.37%	0.353	15.25	17.25	0.391	0.251	0.179	0.115	

Notes:

Power State 2 maximum output power is the same as Power State 1.

SAR results for ANT 1 Mode A Power States 2/3/4/5/6 are leveragable from Power State 1 due to low SAR values.

10.38. Wi-Fi 5 GHz (U-NII 1-3 Bands)

UNII-1 & 2A

When the specified maximum output power is the same for both UNII band 1 and UNII band 2A, begin SAR measurement in UNII band 2A; and if the highest reported SAR for UNII band 2A is

- ≤ 1.2 W/kg, SAR is not required for UNII band 1
- > 1.2 W/kg, both bands should be tested independently for SAR.

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Body & Hotspot	802.11n (HT40)	Wi-Fi PS1 Mode B	5	Back	46	5230	97.79%	0.417	19.50	18.20	0.491	0.677	0.148	0.204	
ANT 5	Body & Hotspot	802.11n (HT40)	Wi-Fi PS1 Mode B	5	Front	46	5230	97.79%	0.246	19.50	18.20	0.261	0.360	0.084	0.116	
ANT 5	Hotspot	802.11n (HT40)	Wi-Fi PS1 Mode B	5	Edge Bottom	46	5230	97.79%	0.064	19.50	18.20					
ANT 5	Hotspot	802.11n (HT40)	Wi-Fi PS1 Mode B	5	Edge Left	46	5230	97.79%	0.430	19.50	18.20	0.467	0.644	0.154	0.212	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Back	42	5210	98.42%	0.538	17.25	15.70	0.775	1.125	0.236	0.343	102
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Front	42	5210	98.42%	0.023	17.25	15.70	0.007	0.010	0.006	0.009	
ANT 6	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Top	42	5210	98.42%	0.081	17.25	15.70	0.077	0.112	0.029	0.042	
ANT 6	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Left	42	5210	98.42%	0.046	17.25	15.70					
ANT 5	Head	802.11n (HT40)	Wi-Fi PS3 Mode A	0	Left Cheek	46	5230	97.79%	0.032	18.50	16.80	0.034	0.051	0.007	0.011	
ANT 5	Head	802.11n (HT40)	Wi-Fi PS3 Mode A	0	Left Tilt	46	5230	97.79%	0.008	18.50	16.80					
ANT 5	Body & Hotspot	802.11n (HT40)	Wi-Fi PS3 Mode B	5	Back	46	5230	97.79%	0.283	17.75	16.50	0.344	0.469	0.101	0.138	
ANT 5	Hotspot	802.11n (HT40)	Wi-Fi PS3 Mode B	5	Edge Left	46	5230	97.79%	0.255	17.75	16.50	0.291	0.397	0.092	0.125	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS3 Mode B	5	Back	42	5210	98.42%	0.210	14.00	12.90	0.405	0.530	0.118	0.154	
ANT 5	Head	802.11n (HT40)	Wi-Fi PS4 Mode A	0	Left Cheek	46	5230	97.79%	0.032	17.75	16.80	0.034	0.043	0.007	0.009	
ANT 5	Head	802.11n (HT40)	Wi-Fi PS4 Mode A	0	Left Tilt	46	5230	97.79%	0.008	17.75	16.80					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS4 Mode B	5	Back	42	5210	98.42%	0.282	17.00	15.60	0.296	0.415	0.086	0.121	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS4 Mode B	5	Edge Left	42	5210	98.42%	0.222	17.00	15.60	0.243	0.341	0.077	0.108	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS4 Mode B	5	Back	42	5210	98.42%	0.210	13.25	12.90	0.405	0.446	0.118	0.130	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS5 Mode A	0	Left Cheek	42	5210	98.42%	0.023	16.75	15.60	0.000	0.000	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS5 Mode A	0	Left Tilt	42	5210	98.42%	0.022	16.75	15.60	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS5 Mode B	5	Back	42	5210	98.42%	0.282	16.00	15.60	0.296	0.330	0.086	0.096	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS5 Mode B	5	Edge Left	42	5210	98.42%	0.222	16.00	15.60	0.243	0.271	0.077	0.086	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS5 Mode B	5	Back	42	5210	98.42%	0.210	12.25	12.90	0.405	0.354	0.118	0.103	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS6 Mode A	0	Left Cheek	42	5210	98.42%	0.023	15.50	15.60	0.000	0.000	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS6 Mode A	0	Left Tilt	42	5210	98.42%	0.022	15.50	15.60	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS6 Mode B	5	Back	42	5210	98.42%	0.282	14.75	15.60	0.296	0.247	0.086	0.072	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS6 Mode B	5	Edge Left	42	5210	98.42%	0.222	14.75	15.60	0.243	0.203	0.077	0.064	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS6 Mode B	5	Back	42	5210	98.42%	0.210	11.00	12.90	0.405	0.266	0.118	0.077	
ANT 5	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Left Cheek	54	5270	97.79%	0.037	19.50	18.30	0.043	0.058	0.011	0.015	
ANT 5	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Left Tilt	54	5270	97.79%	0.003	19.50	18.30					
ANT 5	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Right Cheek	54	5270	97.79%	0.032	19.50	18.30					
ANT 5	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Right Tilt	54	5270	97.79%	0.025	19.50	18.30					
ANT 6	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Left Cheek	54	5270	97.79%	0.044	20.00	18.80					
ANT 6	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Left Tilt	54	5270	97.79%	0.066	20.00	18.80	0.061	0.082	0.019	0.026	103
ANT 6	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Right Cheek	54	5270	97.79%	0.047	20.00	18.80					
ANT 6	Head	802.11n (HT40)	Wi-Fi PS1 Mode A	0	Right Tilt	54	5270	97.79%	0.049	20.00	18.80					

Notes:

Power State 2 maximum output power is the same as Power State 1.
 PS3/4/5/6 for ANT 5 Mode A is leverageable from PS1 due to low SAR results.
 PS2/3/4/5/6 for ANT 6 Mode A share the same Max Power as PS1.

UNII-2C

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Cheek	138	5690	98.42%	0.053	19.50	18.30	0.061	0.082	0.018	0.024	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Tilt	138	5690	98.42%	0.024	19.50	18.30					
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Cheek	138	5690	98.42%	0.026	19.50	18.30					
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Tilt	138	5690	98.42%	0.052	19.50	18.30					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Back	122	5610	98.42%	0.685	19.25	17.92	0.737	1.017	0.209	0.288	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Back	138	5690	98.42%	0.656	19.25	17.76	0.709	1.015	0.213	0.305	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Front	122	5610	98.42%	0.300	19.25	17.92	0.301	0.415	0.097	0.134	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Bottom	122	5610	98.42%	0.065	19.25	17.92					
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Left	122	5610	98.42%	0.379	19.25	17.92	0.490	0.676	0.160	0.221	
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Cheek	138	5690	98.42%	0.222	20.00	18.90					
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Tilt	138	5690	98.42%	0.309	20.00	18.90	0.334	0.437	0.117	0.153	
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Cheek	138	5690	98.42%	0.293	20.00	18.90					
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Tilt	138	5690	98.42%	0.378	20.00	18.90	0.399	0.522	0.124	0.162	104
ANT 6	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS1 Mode B	5	Back	114	5570	99.04%	0.899	15.25	14.40	0.915	1.124	0.299	0.367	105
ANT 6	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS1 Mode B	5	Front	114	5570	99.04%	0.027	15.25	14.40	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT160)	Wi-Fi PS1 Mode B	5	Edge Top	114	5570	99.04%	0.149	15.25	14.40	0.137	0.168	0.050	0.061	
ANT 6	Hotspot	802.11ac (VHT160)	Wi-Fi PS1 Mode B	5	Edge Left	114	5570	99.04%	0.064	15.25	14.40					
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS3 Mode A	0	Left Cheek	138	5690	98.42%	0.042	18.75	16.85	0.043	0.068	0.016	0.025	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS3 Mode B	5	Back	114	5570	99.04%	0.294	16.00	14.40	0.327	0.477	0.094	0.137	
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS3 Mode A	0	Right Tilt	138	5690	98.42%	0.241	19.25	17.80	0.264	0.375	0.079	0.112	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS3 Mode B	5	Back	114	5570	99.04%	0.331	12.00	10.90	0.380	0.494	0.119	0.155	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS4 Mode A	0	Left Cheek	138	5690	98.42%	0.042	18.00	16.85	0.043	0.057	0.016	0.021	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS4 Mode B	5	Back	114	5570	99.04%	0.294	15.25	14.40	0.327	0.402	0.094	0.115	
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS4 Mode A	0	Right Tilt	138	5690	98.42%	0.241	18.50	17.80	0.264	0.315	0.079	0.094	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS4 Mode B	5	Back	114	5570	99.04%	0.331	11.25	10.90	0.380	0.416	0.119	0.130	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS5 Mode A	0	Left Cheek	138	5690	98.42%	0.042	17.00	16.85	0.043	0.045	0.016	0.017	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS5 Mode B	5	Back	114	5570	99.04%	0.294	14.25	14.40	0.327	0.319	0.094	0.092	
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS5 Mode A	0	Right Tilt	138	5690	98.42%	0.241	17.50	17.80	0.264	0.250	0.079	0.075	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS5 Mode B	5	Back	114	5570	99.04%	0.331	10.25	10.90	0.380	0.330	0.119	0.103	
ANT 5	Head	802.11ac (VHT160)	Wi-Fi PS6 Mode A	0	Left Cheek	114	5570	99.04%	0.027	15.75	14.60	0.019	0.025	0.006	0.008	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS6 Mode B	5	Back	114	5570	99.04%	0.294	13.00	14.40	0.327	0.239	0.094	0.069	
ANT 6	Head	802.11ac (VHT160)	Wi-Fi PS6 Mode A	0	Right Tilt	114	5570	99.04%	0.139	16.25	14.85	0.152	0.212	0.047	0.066	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Wi-Fi PS6 Mode B	5	Back	114	5570	99.04%	0.331	9.00	10.90	0.380	0.248	0.119	0.078	

Notes:

Power State 2 maximum output power is the same as Power State 1.
 PS3/4/5/6 for ANT 5 Mode A is leverageable from PS1 due to low SAR results.
 PS2/3/4/5/6 for ANT 6 Mode A share the same Max Power as PS1.

UNII-3

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Cheek	155	5775	98.42%	0.052	19.50	18.10	0.045	0.063	0.017	0.024	
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Tilt	155	5775	98.42%	0.017	19.50	18.10					
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Cheek	155	5775	98.42%	0.022	19.50	18.10					
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Tilt	155	5775	98.42%	0.030	19.50	18.10					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Back	155	5775	98.42%	0.542	19.50	18.10	0.643	0.902	0.190	0.266	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Front	155	5775	98.42%	0.216	19.50	18.10	0.238	0.334	0.077	0.108	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Bottom	155	5775	98.42%	0.097	19.50	18.10					
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Left	155	5775	98.42%	0.472	19.50	18.10	0.542	0.760	0.179	0.251	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Cheek	155	5775	98.42%	0.281	20.00	18.70					
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Left Tilt	155	5775	98.42%	0.273	20.00	18.70					
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Cheek	155	5775	98.42%	0.281	20.00	18.70	0.306	0.419	0.097	0.133	
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS1 Mode A	0	Right Tilt	155	5775	98.42%	0.377	20.00	18.70	0.416	0.570	0.136	0.186	106
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Back	155	5775	98.42%	0.647	16.00	14.60	0.786	1.102	0.253	0.355	107
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Front	155	5775	98.42%	0.036	16.00	14.60	0.033	0.046	0.009	0.013	
ANT 6	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Top	155	5775	98.42%	0.156	16.00	14.60	0.172	0.241	0.064	0.090	
ANT 6	Hotspot	802.11ac (VHT80)	Wi-Fi PS1 Mode B	5	Edge Left	155	5775	98.42%	0.083	16.00	14.60					
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS3 Mode A	0	Left Cheek	155	5775	98.42%	0.045	19.50	17.75	0.040	0.061	0.014	0.021	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS3 Mode B	5	Back	155	5775	98.42%	0.298	16.25	15.25	0.343	0.439	0.102	0.130	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS3 Mode B	5	Edge Left	155	5775	98.42%	0.269	16.25	15.25	0.281	0.359	0.093	0.119	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS3 Mode A	0	Right Tilt	155	5775	98.42%	0.289	19.00	17.50	0.317	0.455	0.098	0.141	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS3 Mode B	5	Back	155	5775	98.42%	0.396	12.75	11.60	0.413	0.547	0.135	0.179	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS4 Mode A	0	Left Cheek	155	5775	98.42%	0.045	18.75	17.75	0.040	0.051	0.014	0.018	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS4 Mode B	5	Back	155	5775	98.42%	0.298	15.50	15.25	0.343	0.369	0.102	0.110	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS4 Mode B	5	Edge Left	155	5775	98.42%	0.269	15.50	15.25	0.281	0.302	0.093	0.100	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS4 Mode A	0	Right Tilt	155	5775	98.42%	0.289	18.25	17.50	0.317	0.383	0.098	0.118	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS4 Mode B	5	Back	155	5775	98.42%	0.396	12.00	11.60	0.413	0.460	0.135	0.150	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS5 Mode A	0	Left Cheek	155	5775	98.42%	0.045	17.75	17.75	0.040	0.041	0.014	0.014	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS5 Mode B	5	Back	155	5775	98.42%	0.298	14.50	15.25	0.343	0.293	0.102	0.087	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS5 Mode B	5	Edge Left	155	5775	98.42%	0.269	14.50	15.25	0.281	0.240	0.093	0.080	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS5 Mode A	0	Right Tilt	155	5775	98.42%	0.289	17.25	17.50	0.317	0.304	0.098	0.094	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS5 Mode B	5	Back	155	5775	98.42%	0.396	11.00	11.60	0.413	0.365	0.135	0.119	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Wi-Fi PS6 Mode A	0	Left Cheek	155	5775	98.42%	0.045	16.50	17.75	0.040	0.030	0.014	0.011	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS6 Mode B	5	Back	155	5775	98.42%	0.298	13.25	15.25	0.343	0.220	0.102	0.065	
ANT 5	Hotspot	802.11ac (VHT80)	Wi-Fi PS6 Mode B	5	Edge Left	155	5775	98.42%	0.269	13.25	15.25	0.281	0.180	0.093	0.080	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Wi-Fi PS6 Mode A	0	Right Tilt	155	5775	98.42%	0.289	16.00	17.50	0.317	0.228	0.098	0.070	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Wi-Fi PS6 Mode B	5	Back	155	5775	98.42%	0.396	9.75	11.60	0.413	0.274	0.135	0.090	

Notes:

Power State 2 maximum output power is the same as Power State 1.
 PS3/4/5/6 for ANT 5 Mode A is leverageable from PS1 due to low SAR results.
 PS2/3/4/5/6 for ANT 6 Mode A share the same Max Power as PS1.

10.39. Wi-Fi 6 GHz (U-NII 5-8 Bands)

UNII-5

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m ²)	APD Scaled (W/m ²)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	47	6185	98.45%	0.024	18.25	17.00	0.008	0.011	0.003	0.004	0.060	0.081	No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	47	6185	98.45%	0.014	18.25	17.00							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	47	6185	98.45%	0.018	18.25	17.00							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	47	6185	98.45%	0.015	18.25	17.00							
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	15	6025	98.45%	0.241	17.00	15.73	0.284	0.386	0.099	0.135	2.200	2.994	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	47	6185	98.45%	0.253	18.25	17.00	0.289	0.391	0.089	0.121	2.020	2.736	108
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	47	6185	98.45%	0.010	18.25	17.00							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Bottom	47	6185	98.45%	0.059	18.25	17.00							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	47	6185	98.45%	0.180	18.25	17.00							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	15	6025	98.45%	0.035	9.25	7.85	0.021	0.029	0.008	0.011	0.193	0.271	109
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	15	6025	98.45%	0.028	9.25	7.85							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	15	6025	98.45%	0.033	9.25	7.85							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	15	6025	98.45%	0.028	9.25	7.85							
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	15	6025	98.45%	0.128	9.25	7.85	0.143	0.201	0.047	0.066	1.070	1.500	
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	79	6345	98.45%	0.152	8.75	7.50	0.170	0.230	0.048	0.065	1.110	1.504	
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	15	6025	98.45%	0.024	9.25	7.85							
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Top	15	6025	98.45%	0.024	9.25	7.85							
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	15	6025	98.45%	0.024	9.25	7.85							
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS3 Mode B	5	Back	47	6185	98.45%	0.197	17.25	16.00	0.229	0.310	0.070	0.095	1.590	2.154	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS3 Mode B	5	Back	47	6185	98.45%	0.104	8.50	7.20	0.118	0.162	0.036	0.049	0.811	1.111	No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS4 Mode B	5	Back	47	6185	98.45%	0.197	16.50	16.00	0.229	0.261	0.070	0.080	1.590	1.812	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS4 Mode B	5	Back	47	6185	98.45%	0.104	7.75	7.20	0.118	0.136	0.036	0.042	0.811	0.935	No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS5 Mode B	5	Back	47	6185	98.45%	0.197	15.50	16.00	0.229	0.207	0.070	0.063	1.590	1.439	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS5 Mode B	5	Back	47	6185	98.45%	0.104	6.75	7.20	0.118	0.108	0.036	0.033	0.811	0.743	No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS6 Mode B	5	Back	47	6185	98.45%	0.197	14.25	16.00	0.229	0.155	0.070	0.048	1.590	1.079	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS6 Mode B	5	Back	47	6185	98.45%	0.104	5.50	7.20	0.118	0.081	0.036	0.025	0.811	0.557	No.

Note(s):

Power State 2 maximum output power is the same as Power State 1.

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m ²)	APD Scaled (W/m ²)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	111	6505	98.45%	0.011	15.25	14.15	0.000	0.000	0.000	0.000	0.000	0.000	
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	111	6505	98.45%	0.004	15.25	14.15							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	111	6505	98.45%	0.009	15.25	14.15							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	111	6505	98.45%	0.005	15.25	14.15							
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	111	6505	98.45%	0.130	15.25	14.15	0.145	0.190	0.043	0.056	0.988	1.293	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	111	6505	98.45%	0.050	15.25	14.15							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Bottom	111	6505	98.45%	0.036	15.25	14.15							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	111	6505	98.45%	0.105	15.25	14.15							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	111	6505	98.45%	0.019	9.75	8.25							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	111	6505	98.45%	0.021	9.75	8.25	0.023	0.033	0.009	0.013	0.199	0.286	110
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	111	6505	98.45%	0.015	9.75	8.25							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	111	6505	98.45%	0.017	9.75	8.25							
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	111	6505	98.45%	0.188	9.75	8.25	0.249	0.357	0.072	0.103	1.660	2.382	111
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	111	6505	98.45%	0.008	9.75	8.25							
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Top	111	6505	98.45%	0.052	9.75	8.25							
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	111	6505	98.45%	0.026	9.75	8.25							
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS3 Mode B	5	Back	111	6505	98.45%	0.094	14.00	12.80	0.105	0.141	0.032	0.043	0.731	0.979	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS3 Mode B	5	Back	111	6505	98.45%	0.171	9.00	7.65	0.212	0.294	0.058	0.080	1.340	1.857	No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS4 Mode B	5	Back	111	6505	98.45%	0.094	13.25	12.80	0.105	0.118	0.032	0.036	0.731	0.824	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS4 Mode B	5	Back	111	6505	98.45%	0.171	8.25	7.65	0.212	0.247	0.058	0.068	1.340	1.563	No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS5 Mode B	5	Back	111	6505	98.45%	0.094	12.25	12.80	0.105	0.094	0.032	0.029	0.731	0.654	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS5 Mode B	5	Back	111	6505	98.45%	0.171	7.25	7.65	0.212	0.196	0.058	0.054	1.340	1.241	No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS6 Mode B	5	Back	111	6505	98.45%	0.094	11.00	12.80	0.105	0.070	0.032	0.021	0.731	0.491	No.
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS6 Mode B	5	Back	111	6505	98.45%	0.171	6.00	7.65	0.212	0.147	0.058	0.040	1.340	0.931	No.

Note(s):

Power State 2 maximum output power is the same as Power State 1.

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	143	6665	98.45%	0.003	15.25	14.00							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	143	6665	98.45%	0.022	15.25	14.00	0.000	0.000	0.000	0.000	0.000	0.000	
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	143	6665	98.45%	0.016	15.25	14.00							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	143	6665	98.45%	0.015	15.25	14.00							
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	143	6665	98.45%	0.167	15.25	14.00	0.174	0.236	0.053	0.072	1.200	1.625	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	175	6825	98.45%	0.160	15.25	13.75	0.148	0.212	0.046	0.066	1.040	1.492	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	143	6665	98.45%	0.047	15.25	14.00							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Bottom	143	6665	98.45%	0.052	15.25	14.00							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	143	6665	98.45%	0.098	15.25	14.00							
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	143	6665	98.45%	0.022	10.50	9.35	0.000	0.000	0.000	0.000	0.003	0.004	
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	143	6665	98.45%	0.007	10.50	9.35							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	143	6665	98.45%	0.016	10.50	9.35							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	143	6665	98.45%	0.004	10.50	9.35							
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	143	6665	98.45%	0.255	10.50	9.35	0.310	0.410	0.081	0.107	1.880	2.489	112
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	175	6825	98.45%	0.164	9.50	8.20	0.169	0.232	0.049	0.067	1.130	1.548	
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	143	6665	98.45%	0.018	10.50	9.35	0.000	0.000	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Top	143	6665	98.45%	0.027	10.50	9.35							
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	143	6665	98.45%	0.019	10.50	9.35	0.017	0.023	0.004	0.005	0.097	0.128	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS3 Mode B	5	Back	143	6665	97.82%	0.138	14.50	13.20	0.144	0.199	0.040	0.055	0.966	1.360	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Body & Hotspot	802.11ax (HE80)	Wi-Fi PS3 Mode B	5	Back	119	6545	97.82%	0.187	9.00	7.51	0.216	0.311	0.057	0.082	0.057	0.082	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS4 Mode B	5	Back	143	6665	97.82%	0.138	13.75	13.20	0.144	0.167	0.040	0.046	0.966	1.144	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Body & Hotspot	802.11ax (HE80)	Wi-Fi PS4 Mode B	5	Back	119	6545	97.82%	0.167	8.25	7.51	0.216	0.262	0.057	0.069	0.057	0.069	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS5 Mode B	5	Back	143	6665	97.82%	0.138	12.75	13.20	0.144	0.133	0.040	0.037	0.966	0.909	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Body & Hotspot	802.11ax (HE80)	Wi-Fi PS5 Mode B	5	Back	119	6545	97.82%	0.187	7.25	7.51	0.216	0.208	0.057	0.055	0.057	0.055	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS6 Mode B	5	Back	143	6665	97.82%	0.138	11.50	13.20	0.144	0.100	0.040	0.028	0.966	0.681	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Body & Hotspot	802.11ax (HE80)	Wi-Fi PS6 Mode B	5	Back	119	6545	97.82%	0.187	6.00	7.51	0.216	0.156	0.057	0.041	0.057	0.041	

Note(s):

Power State 2 maximum output power is the same as Power State 1.

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	207	6985	98.45%	0.024	15.50	14.00							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	207	6985	98.45%	0.019	15.50	14.00							
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	207	6985	98.45%	0.028	15.50	14.00	0.035	0.050	0.021	0.030	0.282	0.405	113
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	207	6985	98.45%	0.015	15.50	14.00							
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	207	6985	98.45%	0.132	15.50	14.00	0.150	0.215	0.057	0.082	1.280	1.837	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	207	6985	98.45%	0.016	15.50	14.00							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Bottom	207	6985	98.45%	0.061	15.50	14.00							
ANT 5	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	207	6985	98.45%	0.024	15.50	14.00							
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Cheek	207	6985	98.45%	0.007	10.00	8.50							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Left Tilt	207	6985	98.45%	0.005	10.00	8.50							
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Cheek	207	6985	98.45%	0.008	10.00	8.50	0.000	0.000	0.000	0.000	0.000	0.000	
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS1 Mode A	0	Right Tilt	207	6985	98.45%	0.005	10.00	8.50							
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Back	207	6985	98.45%	0.162	10.00	8.50	0.199	0.286	0.056	0.080	1.290	1.851	114
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Front	207	6985	98.45%	0.010	10.00	8.50							
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Top	207	6985	98.45%	0.012	10.00	8.50							
ANT 6	Hotspot	802.11ax (HE160)	Wi-Fi PS1 Mode B	5	Edge Left	207	6985	98.45%	0.016	10.00	8.50							
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS3 Mode A	0	Right Cheek	207	6985	98.45%	0.019	14.50	13.25	0.015	0.020	0.004	0.005	0.095	0.129	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS3 Mode B	5	Back	207	6985	98.45%	0.121	14.50	13.25	0.133	0.180	0.046	0.062	1.020	1.382	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS3 Mode A	0	Right Cheek	207	6985	98.45%	0.025	9.25	7.50	0.006	0.009	0.003	0.005	0.062	0.094	
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS3 Mode B	5	Back	207	6985	98.45%	0.131	9.25	7.50	0.166	0.252	0.048	0.073	1.100	1.672	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS4 Mode A	0	Right Cheek	207	6985	98.45%	0.019	13.75	13.25	0.015	0.017	0.004	0.005	0.095	0.108	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS4 Mode B	5	Back	207	6985	98.45%	0.121	13.75	13.25	0.133	0.152	0.046	0.052	1.020	1.162	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS4 Mode A	0	Right Cheek	207	6985	98.45%	0.025	8.50	7.50	0.006	0.008	0.003	0.004	0.062	0.079	
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS4 Mode B	5	Back	207	6985	98.45%	0.131	8.50	7.50	0.166	0.212	0.048	0.061	1.100	1.407	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS5 Mode A	0	Right Cheek	207	6985	98.45%	0.019	12.75	13.25	0.015	0.014	0.004	0.004	0.095	0.086	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS5 Mode B	5	Back	207	6985	98.45%	0.121	12.75	13.25	0.133	0.120	0.046	0.042	1.020	0.923	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS5 Mode A	0	Right Cheek	207	6985	98.45%	0.025	7.50	7.50	0.006	0.006	0.003	0.003	0.062	0.063	
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS5 Mode B	5	Back	207	6985	98.45%	0.131	7.50	7.50	0.166	0.169	0.048	0.049	1.100	1.117	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 5	Head	802.11ax (HE160)	Wi-Fi PS6 Mode A	0	Right Cheek	207	6985	98.45%	0.019	11.50	13.25	0.015	0.010	0.004	0.003	0.095	0.064	
ANT 5	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS6 Mode B	5	Back	207	6985	98.45%	0.121	11.50	13.25	0.133	0.090	0.046	0.031	1.020	0.692	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m2)	APD Scaled (W/m2)	Pilot No.
ANT 6	Head	802.11ax (HE160)	Wi-Fi PS6 Mode A	0	Right Cheek	207	6985	98.45%	0.025	6.25	7.50	0.006	0.005	0.003	0.002	0.062	0.047	
ANT 6	Body & Hotspot	802.11ax (HE160)	Wi-Fi PS6 Mode B	5	Back	207	6985	98.45%	0.131	6.25	7.50	0.166	0.126	0.048	0.037	1.100	0.838	

10.40. Wi-Fi 6 GHz (U-NII 5-8 Bands) Power Density

Per TCB workshop October 2018, 4 cm² averaging area is considered.

psPD value (mW/cm²) used the psPD_{tot}+ avg value (W/m²) of test result plot.

Wi-Fi 6GHz Test Rationale:

- Following KDB 388624 D02 Pre-Approval Guidance List v18r05, Appendix OVER6G Step 4:
 - The process of steps 3.1 to 3.4 shall be repeated for at least five channels, at the channel center frequency, selected to cover uniformly the largest frequency ranges used in the device, between 5925 MHz and 7125 MHz, and consistent with KDB Publication 248227 test configuration provisions.
- No channels that could transmit below 6GHz were selected for testing to use the PTP-PR Test Methodology.
- The initial test position for iPD was determined using the worst-case 1-g SAR, please refer to §10.39.

iPDn Investigation Results

RF Exposure Conditions	Transmitter	Power Mode	Test Position	U-NII Band	Ch No.	Freq. (MHz)	Mode	Duty Cycle (%)	TuP Limit (dBm)	Meas. (dBm)	Uncertainty Scaling Factor	Grid Step Size (λ)	Dist. (mm)	PD ₀	Meas. psPD ₀ (W/m ²)	Scaled psPD ₀ (W/m ²)	Grid Step Size (λ)	Dist. (mm)	PD ₀	Meas. psPD ₀ (W/m ²)	Scaled psPD ₀ (W/m ²)	Criterion 1: ≥ -1	Criterion 2: 10% of Limit
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	U-NII-5	15	6025.0	802.11ax HE160	94.00%	8.5	8.5	1.584	0.0412	2	16.60	8.7	13.799	0.2500	9.952	7.300	3.05	4.832	3.568	Continue to 2. Full Testing
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	U-NII-6	207	6985.0	802.11ax HE160	94.00%	10.0	10.0	1.584	0.0412	2	8.37	25.8	40.037	0.2500	8.584	9.930	11.8	18.465	-0.742	Continue to 2. Full Testing

Note(s):

MU scaling applied due to total uncertainty (1.52 dB, 41.9%) exceeds the 30% budget. Scaling applied for the amount exceeding the 30% budget (11.9%).

PTP-PR PD Results

RF Exposure Conditions	Transmitter	Power Mode	Test Position	U-NII Band	Ch No.	Freq. (MHz)	Mode	Duty Cycle (%)	TuP Limit (dBm)	Meas. (dBm)	Uncertainty Scaling Factor	Grid Step Size (λ)	Dist. (mm)	Meas. psPD ₀ (W/m ²)	Scaled psPD ₀ (mW/cm ²)	Meas. psPD ₀ (W/m ²)	Scaled psPD ₀ (mW/cm ²)	Meas. psPD ₀ (W/m ²)	Scaled psPD ₀ (mW/cm ²)	Meas. psPD ₀ (W/m ²)	Scaled psPD ₀ (mW/cm ²)	Rot No.
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	U-NII-5	47	6185.0	802.11ax HE160	98.45%	18.25	17.00	1.581	0.0516	2	2.880	0.617	3.160	0.677	4.050	0.867			
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	U-NII-5	79	6345.0	802.11ax HE160	98.45%	17.25	15.75	1.577	0.0529	2	2.500	0.566	2.850	0.645	3.310	0.749			
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	U-NII-6	111	6505.0	802.11ax HE160	98.45%	15.25	14.15	1.574	0.0542	2	2.760	0.588	3.140	0.647	3.870	0.797			
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	U-NII-7	143	6665.0	802.11ax HE160	98.45%	15.25	14.00	1.571	0.0556	2	2.830	0.602	3.230	0.687	3.680	0.783	129		
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	U-NII-8	207	6985.0	802.11ax HE160	98.45%	15.50	14.00	1.564	0.0582	2	2.290	0.514	2.870	0.644	3.810	0.855			
Body & Hotspot	ANT 5	Wi-Fi PS1	Front	U-NII-7	143	6665.0	802.11ax HE160	98.45%	15.25	14.00	1.571	0.0556	2	1.150	0.245	1.320	0.281	2.000	0.426			
Body & Hotspot	ANT 5	Wi-Fi PS1	Edge Top	U-NII-7	143	6665.0	802.11ax HE160	98.45%	15.25	14.00	1.571	0.0556	2	0.054	0.011	0.059	0.013	0.068	0.014			
Body & Hotspot	ANT 5	Wi-Fi PS1	Edge Right	U-NII-7	143	6665.0	802.11ax HE160	98.45%	15.25	14.00	1.571	0.0556	2	0.313	0.067	0.326	0.069	0.363	0.077			
Body & Hotspot	ANT 5	Wi-Fi PS1	Edge Bottom	U-NII-7	143	6665.0	802.11ax HE160	98.45%	15.25	14.00	1.571	0.0556	2	0.874	0.186	0.986	0.210	1.220	0.260			
Body & Hotspot	ANT 5	Wi-Fi PS1	Edge Left	U-NII-7	143	6665.0	802.11ax HE160	98.45%	15.25	14.00	1.571	0.0556	2	1.750	0.372	1.960	0.417	2.920	0.621			
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	U-NII-5	15	6025.0	802.11ax HE160	98.45%	9.25	7.85	1.584	0.0502	2	2.470	0.549	2.910	0.646	3.740	0.831			
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	U-NII-5	47	6185.0	802.11ax HE160	98.45%	8.75	7.25	1.581	0.0516	2	1.930	0.438	2.920	0.662	4.480	1.016			
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	U-NII-6	111	6505.0	802.11ax HE160	98.45%	9.75	8.25	1.574	0.0542	2	1.870	0.422	2.850	0.644	4.970	1.122			
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	U-NII-7	143	6665.0	802.11ax HE160	98.45%	10.50	9.35	1.571	0.0556	2	2.070	0.430	3.300	0.686	5.260	1.094			
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	U-NII-8	207	6985.0	802.11ax HE160	98.45%	10.00	8.50	1.564	0.0582	2	2.140	0.480	2.880	0.646	4.250	0.954			
Body & Hotspot	ANT 6	Wi-Fi PS1	Front	U-NII-7	143	6665.0	802.11ax HE160	98.45%	10.50	9.35	1.571	0.0556	2	0.234	0.049	0.256	0.053	0.282	0.059			
Body & Hotspot	ANT 6	Wi-Fi PS1	Edge Top	U-NII-7	143	6665.0	802.11ax HE160	98.45%	10.50	9.35	1.571	0.0556	2	0.671	0.140	0.687	0.143	0.728	0.151			
Body & Hotspot	ANT 6	Wi-Fi PS1	Edge Right	U-NII-7	143	6665.0	802.11ax HE160	98.45%	10.50	9.35	1.571	0.0556	2	0.553	0.115	0.555	0.115	0.560	0.116			
Body & Hotspot	ANT 6	Wi-Fi PS1	Edge Bottom	U-NII-7	143	6665.0	802.11ax HE160	98.45%	10.50	9.35	1.571	0.0556	2	0.333	0.069	0.334	0.069	0.336	0.070			
Body & Hotspot	ANT 6	Wi-Fi PS1	Edge Left	U-NII-7	143	6665.0	802.11ax HE160	98.45%	10.50	9.35	1.571	0.0556	2	0.419	0.087	0.423	0.088	0.441	0.092			

Note(s):

MU scaling applied due to total uncertainty (1.52 dB, 41.9%) exceeds the 30% budget. Scaling applied for the amount exceeding the 30% budget (11.9%).

Testing was performed at the most conservative Grid Step Size of 0.041 lambda.

Conversion Factor: W/m² to mW/cm² = 0.1

10.41. Bluetooth 2.4GHz

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Cheek	39	2441	76.54%	20.00	18.80	0.073	0.126	0.041	0.071	
ANT 3	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Tilt	39	2441	76.54%	20.00	18.80	0.028	0.048	0.015	0.026	
ANT 3	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Cheek	39	2441	76.54%	20.00	18.80	0.047	0.081	0.026	0.045	
ANT 3	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Tilt	39	2441	76.54%	20.00	18.80	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	39	2441	76.54%	20.00	18.80	0.310	0.534	0.144	0.248	
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Front	39	2441	76.54%	20.00	18.80	0.302	0.520	0.152	0.262	
ANT 3	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Bottom	39	2441	76.54%	20.00	18.80	0.266	0.458	0.127	0.219	
ANT 3	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Left	39	2441	76.54%	20.00	18.80	0.258	0.444	0.123	0.212	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Cheek	0	2402	76.54%	19.75	18.60	0.446	0.759	0.218	0.371	
ANT 4	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Cheek	39	2441	76.54%	19.75	18.70	0.533	0.887	0.258	0.429	115
ANT 4	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Cheek	78	2480	76.54%	19.75	18.50	0.471	0.821	0.217	0.378	
ANT 4	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Tilt	39	2441	76.54%	19.75	18.70	0.332	0.552	0.156	0.260	
ANT 4	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Cheek	39	2441	76.54%	19.75	18.70	0.157	0.261	0.086	0.143	
ANT 4	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Tilt	39	2441	76.54%	19.75	18.70	0.105	0.175	0.054	0.090	
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	0	2402	76.54%	20.25	19.00	0.423	0.737	0.214	0.373	
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	39	2441	76.54%	20.25	19.00	0.590	1.028	0.304	0.530	116
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	78	2480	76.54%	20.25	19.00	0.506	0.882	0.241	0.420	
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Front	39	2441	76.54%	20.25	19.00	0.243	0.423	0.125	0.218	
ANT 4	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Top	39	2441	76.54%	20.25	19.00	0.092	0.160	0.047	0.082	
ANT 4	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Right	39	2441	76.54%	20.25	19.00	0.432	0.753	0.200	0.348	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS4 Mode A	5	Back	39	2441	76.54%	20.00	18.80	0.310	0.534	0.144	0.248	
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Front	39	2441	76.54%	20.00	18.80	0.302	0.520	0.152	0.262	
ANT 3	Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Edge Bottom	39	2441	76.54%	20.00	18.80	0.266	0.458	0.127	0.219	
ANT 3	Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Edge Left	39	2441	76.54%	20.00	18.80	0.258	0.444	0.123	0.212	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	BT PS3 Mode A	0	Left Cheek	39	2441	76.54%	16.50	15.20	0.185	0.326	0.095	0.167	
ANT 4	Head	GFSK (BDR)	BT PS3 Mode A	0	Left Tilt	39	2441	76.54%	16.50	15.20	0.118	0.208	0.055	0.097	
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS3 Mode B	5	Back	39	2441	76.54%	18.25	17.10	0.310	0.528	0.162	0.276	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS4 Mode A	5	Back	39	2441	76.54%	19.25	18.80	0.310	0.449	0.144	0.209	
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Front	39	2441	76.54%	19.25	18.80	0.302	0.438	0.152	0.220	
ANT 3	Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Edge Bottom	39	2441	76.54%	19.25	18.80	0.266	0.385	0.127	0.184	
ANT 3	Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Edge Left	39	2441	76.54%	19.25	18.80	0.258	0.374	0.123	0.178	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	BT PS4 Mode A	0	Left Cheek	39	2441	76.54%	15.75	15.20	0.185	0.274	0.095	0.141	
ANT 4	Head	GFSK (BDR)	BT PS4 Mode A	0	Left Tilt	39	2441	76.54%	15.75	15.20	0.118	0.175	0.055	0.082	
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Back	39	2441	76.54%	17.50	17.10	0.310	0.444	0.162	0.232	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS5 Mode A	5	Back	39	2441	76.54%	18.25	18.80	0.310	0.357	0.144	0.166	
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS5 Mode B	5	Front	39	2441	76.54%	18.25	18.80	0.302	0.348	0.152	0.175	
ANT 3	Hotspot	GFSK (BDR)	BT PS5 Mode B	5	Edge Bottom	39	2441	76.54%	18.25	18.80	0.266	0.306	0.127	0.146	
ANT 3	Hotspot	GFSK (BDR)	BT PS5 Mode B	5	Edge Left	39	2441	76.54%	18.25	18.80	0.258	0.297	0.123	0.142	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	BT PS5 Mode A	0	Left Cheek	39	2441	76.54%	14.75	15.20	0.185	0.218	0.095	0.112	
ANT 4	Head	GFSK (BDR)	BT PS5 Mode A	0	Left Tilt	39	2441	76.54%	14.75	15.20	0.118	0.139	0.055	0.065	
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS5 Mode B	5	Back	39	2441	76.54%	16.50	17.10	0.310	0.353	0.162	0.184	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Back	39	2441	76.54%	17.00	18.80	0.310	0.268	0.144	0.124	
ANT 3	Body & Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Front	39	2441	76.54%	17.00	18.80	0.302	0.261	0.152	0.131	
ANT 3	Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Edge Bottom	39	2441	76.54%	17.00	18.80	0.266	0.230	0.127	0.110	
ANT 3	Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Edge Left	39	2441	76.54%	17.00	18.80	0.258	0.223	0.123	0.106	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	BT PS6 Mode A	0	Left Cheek	39	2441	76.54%	13.50	15.20	0.185	0.163	0.095	0.084	
ANT 4	Head	GFSK (BDR)	BT PS6 Mode A	0	Left Tilt	39	2441	76.54%	13.50	15.20	0.118	0.104	0.055	0.049	
ANT 4	Body & Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Back	39	2441	76.54%	15.25	17.10	0.310	0.265	0.162	0.138	

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Left Cheek	Mid	5203	77.67%	13.50	12.30	0.000	0.000	0.000	0.000	
ANT 5	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Left Tilt	Mid	5203	77.67%	13.50	12.30	0.000	0.000	0.000	0.000	
ANT 5	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Right Cheek	Mid	5203	77.67%	13.50	12.30	0.000	0.000	0.000	0.000	
ANT 5	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Right Tilt	Mid	5203	77.67%	13.50	12.30	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Back	Mid	5203	77.67%	14.25	12.30	0.109	0.220	0.029	0.058	
ANT 5	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Front	Mid	5203	77.67%	14.25	12.30	0.032	0.065	0.008	0.016	
ANT 5	Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Edge Bottom	Mid	5203	77.67%	14.25	12.30	0.012	0.024	0.002	0.004	
ANT 5	Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Edge Left	Mid	5203	77.67%	14.25	12.30	0.094	0.190	0.028	0.056	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Left Cheek	Mid	5203	77.67%	14.25	12.90	0.000	0.000	0.000	0.000	
ANT 6	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Left Tilt	Mid	5203	77.67%	14.25	12.90	0.000	0.000	0.000	0.000	
ANT 6	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Right Cheek	Mid	5203	77.67%	14.25	12.90	0.000	0.000	0.000	0.000	
ANT 6	Head	11/4 DQPSK (HDR8)	BT PS1 Mode A	0	Right Tilt	Mid	5203	77.67%	14.25	12.90	0.000	0.000	0.000	0.000	117
ANT 6	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Back	Mid	5203	77.67%	14.25	12.90	0.260	0.457	0.075	0.132	118
ANT 6	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Front	Mid	5203	77.67%	14.25	12.90	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Edge Top	Mid	5203	77.67%	14.25	12.90	0.022	0.039	0.006	0.011	
ANT 6	Hotspot	11/4 DQPSK (HDR8)	BT PS1 Mode B	5	Edge Left	Mid	5203	77.67%	14.25	12.90	0.007	0.012	0.000	0.000	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS3 Mode B	5	Back	Mid	5203	77.67%	14.00	12.90	0.260	0.431	0.061	0.101	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS4 Mode B	5	Back	Mid	5203	77.67%	13.25	12.90	0.260	0.363	0.061	0.085	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS5 Mode B	5	Back	Mid	5203	77.67%	12.25	12.90	0.260	0.288	0.061	0.068	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Body & Hotspot	11/4 DQPSK (HDR8)	BT PS6 Mode B	5	Back	Mid	5203	77.67%	11.00	12.90	0.260	0.216	0.061	0.051	

Notes:

PS2/3/4/5/6 for ANT 5/6 Mode A share the same Max Power as PS1.

PS2/3/4/5/6 for ANT 5 Mode B shares the same Max Power as PS1.

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Cheek	Mid	5788	76.09%	18.75	17.40	0.041	0.074	0.015	0.027	
ANT 5	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Tilt	Mid	5788	76.09%	18.75	17.40	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Cheek	Mid	5788	76.09%	18.75	17.40	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Tilt	Mid	5788	76.09%	18.75	17.40	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	Mid	5788	76.09%	18.75	17.40	0.437	0.784	0.136	0.244	
ANT 5	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Front	Mid	5788	76.09%	18.75	17.40	0.190	0.341	0.063	0.113	
ANT 5	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Bottom	Mid	5788	76.09%	18.75	17.40	0.060	0.108	0.015	0.027	
ANT 5	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Left	Mid	5788	76.09%	18.75	17.40	0.390	0.699	0.123	0.221	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Cheek	Mid	5788	76.09%	19.50	18.20	0.079	0.140	0.027	0.048	
ANT 6	Head	GFSK (BDR)	BT PS1 Mode A	0	Left Tilt	Mid	5788	76.09%	19.50	18.20	0.099	0.176	0.034	0.060	
ANT 6	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Cheek	Mid	5788	76.09%	19.50	18.20	0.149	0.264	0.036	0.064	
ANT 6	Head	GFSK (BDR)	BT PS1 Mode A	0	Right Tilt	Mid	5788	76.09%	19.50	18.20	0.380	0.674	0.105	0.186	119
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	Low	5733	76.09%	16.00	14.50	0.524	0.973	0.169	0.314	
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	Mid	5788	76.09%	16.00	14.40	0.610	1.159	0.187	0.355	120
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Back	High	5844	76.09%	16.00	15.00	0.689	1.140	0.231	0.382	
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Front	High	5844	76.09%	16.00	15.00	0.059	0.098	0.017	0.028	
ANT 6	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Top	High	5844	76.09%	16.00	15.00	0.168	0.278	0.061	0.101	
ANT 6	Hotspot	GFSK (BDR)	BT PS1 Mode B	5	Edge Left	High	5844	76.09%	16.00	15.00	0.072	0.119	0.025	0.041	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Body & Hotspot	GFSK (BDR)	BT PS3 Mode B	5	Back	Mid	5788	76.09%	16.25	14.90	0.189	0.339	0.055	0.099	
ANT 5	Hotspot	GFSK (BDR)	BT PS3 Mode B	5	Edge Left	Mid	5788	76.09%	16.25	14.90	0.135	0.242	0.042	0.075	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	BT PS3 Mode A	0	Right Cheek	Mid	5788	76.09%	19.00	17.10	0.180	0.366	0.056	0.114	
ANT 6	Head	GFSK (BDR)	BT PS3 Mode A	0	Right Tilt	Mid	5788	76.09%	19.00	17.10	0.198	0.403	0.053	0.108	
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS3 Mode B	5	Back	Mid	5788	76.09%	12.75	11.30	0.229	0.420	0.070	0.128	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Body & Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Back	Mid	5788	76.09%	15.50	14.90	0.189	0.285	0.055	0.083	
ANT 5	Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Edge Left	Mid	5788	76.09%	15.50	14.90	0.135	0.204	0.042	0.063	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	BT PS4 Mode A	0	Right Cheek	Mid	5788	76.09%	18.25	17.10	0.180	0.308	0.056	0.096	
ANT 6	Head	GFSK (BDR)	BT PS4 Mode A	0	Right Tilt	Mid	5788	76.09%	18.25	17.10	0.198	0.339	0.053	0.091	
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS4 Mode B	5	Back	Mid	5788	76.09%	12.00	11.30	0.229	0.354	0.070	0.108	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Body & Hotspot	GFSK (BDR)	BT PS5 Mode B	5	Back	Mid	5788	76.09%	14.50	14.90	0.189	0.227	0.055	0.066	
ANT 5	Hotspot	GFSK (BDR)	BT PS5 Mode B	5	Edge Left	Mid	5788	76.09%	14.50	14.90	0.135	0.162	0.042	0.050	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	BT PS5 Mode A	0	Right Cheek	Mid	5788	76.09%	17.25	17.10	0.180	0.245	0.056	0.076	
ANT 6	Head	GFSK (BDR)	BT PS5 Mode A	0	Right Tilt	Mid	5788	76.09%	17.25	17.10	0.198	0.269	0.053	0.072	
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS5 Mode B	5	Back	Mid	5788	76.09%	11.00	11.30	0.229	0.281	0.070	0.086	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Body & Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Back	Mid	5788	76.09%	13.25	14.90	0.189	0.170	0.055	0.049	
ANT 5	Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Edge Left	Mid	5788	76.09%	13.25	14.90	0.135	0.121	0.042	0.038	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	BT PS6 Mode A	0	Right Cheek	Mid	5788	76.09%	16.00	17.10	0.180	0.184	0.056	0.057	
ANT 6	Head	GFSK (BDR)	BT PS6 Mode A	0	Right Tilt	Mid	5788	76.09%	16.00	17.10	0.198	0.202	0.053	0.054	
ANT 6	Body & Hotspot	GFSK (BDR)	BT PS6 Mode B	5	Back	Mid	5788	76.09%	9.75	11.30	0.229	0.211	0.070	0.064	

Notes:

PS2/3/4/5/6 for ANT 5/6 Mode A share the same Max Power.

UNII-5

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m ²)	APD Scaled (W/m ²)	Plot No.
ANT 5	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Left Cheek	Mid	6263	94.13%	4.50	3.10	0.010	0.015	0.005	0.007	0.113	0.166	121
ANT 5	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Left Tilt	Mid	6263	94.13%	4.50	3.10	0.000	0.000	0.000	0.000	0.000	0.000	
ANT 5	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Right Cheek	Mid	6263	94.13%	4.50	3.10	0.000	0.000	0.000	0.000	0.003	0.004	
ANT 5	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Right Tilt	Mid	6263	94.13%	4.50	3.10	0.000	0.000	0.000	0.000	0.002	0.003	
ANT 5	Body & Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Back	Mid	6263	94.13%	4.50	3.10	0.006	0.009	0.003	0.004	0.068	0.100	
ANT 5	Body & Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Front	Mid	6263	94.13%	4.50	3.10	0.007	0.010	0.003	0.004	0.062	0.091	
ANT 5	Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Edge Left	Mid	6263	94.13%	4.50	3.10	0.006	0.009	0.002	0.003	0.039	0.057	
ANT 5	Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Edge Bottom	Mid	6263	94.13%	4.50	3.10	0.006	0.009	0.002	0.003	0.050	0.073	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	APD Meas. (W/m ²)	APD Scaled (W/m ²)	Plot No.
ANT 6	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Left Cheek	Mid	6263	94.13%	2.50	1.10	0.001	0.001	0.000	0.000	0.013	0.019	
ANT 6	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Left Tilt	Mid	6263	94.13%	2.50	1.10	0.000	0.000	0.000	0.000	0.000	0.000	
ANT 6	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Right Cheek	Mid	6263	94.13%	2.50	1.10	0.000	0.000	0.000	0.000	0.006	0.009	
ANT 6	Head	OQPSK (HDRFLB)	BT PS1 Mode A	0	Right Tilt	Mid	6263	94.13%	2.50	1.10	0.002	0.003	0.000	0.000	0.005	0.007	
ANT 6	Body & Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Back	Mid	6263	94.13%	2.50	1.10	0.047	0.069	0.007	0.010	0.186	0.273	122
ANT 6	Body & Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Front	Mid	6263	94.13%	2.50	1.10	0.009	0.013	0.004	0.006	0.096	0.141	
ANT 6	Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Edge Top	Mid	6263	94.13%	2.50	1.10	0.001	0.001	0.000	0.000	0.014	0.021	
ANT 6	Hotspot	OQPSK (HDRFLB)	BT PS1 Mode B	5	Edge Left	Mid	6263	94.13%	2.50	1.10	0.005	0.007	0.002	0.003	0.039	0.057	

Notes:

PS2/3/4/5/6 ANT 5/6 for Mode A and B shares the same Max Power as PS1.

10.43. NB-UNII 5 Power Density

Per TCB workshop October 2018, 4 cm² averaging area is considered.

psPD value (mW/cm²) used the psPD_{tot}+ avg value (W/m²) of test result plot.

NB U-NII 5 Test Rationale:

- Following KDB 388624 D02 Pre-Approval Guidance List v18r05, Appendix OVER6G Step 4:
 - The process of steps 3.1 to 3.4 shall be repeated for at least five channels, at the channel center frequency, selected to cover uniformly the largest frequency ranges used in the device, between 5925 MHz and 7125 MHz, and consistent with KDB Publication 248227 test configuration provisions.
- No channels that could transmit below 6GHz were selected for testing to use the PTP-PR Test Methodology.
- The initial test position for iPD was determined using the worst-case 1-g SAR, please refer to §10.39.

RF Exposure Conditions	Transmitter	Power Mode	Test Position	U-NII Band	On No.	Freq. (MHz)	Mode	Duty Cycle (%)	TuP Limit (dBm)	Meas. (dBm)	Uncertainty Scaling Factor	Grid Step Size (λ)	Dist. (mm)	Meas. psPD _{1g} (W/m ²)	Scaled psPD _{1g} (mW/cm ²)	Meas. psPD _{10g} (W/m ²)	Scaled psPD _{10g} (mW/cm ²)	Meas. psPD _{10g} (W/m ²)	Scaled psPD _{10g} (mW/cm ²)	Plot No.
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	UNII-5	Low	6109.0	HDRFLB (OQPSK)	94.13%	4.50	3.35	1.582	0.0412	2	0.157	0.034	0.170	0.037	0.196	0.043	130
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	UNII-5	Low-Mid	6186.0	HDRFLB (OQPSK)	94.13%	4.50	3.45	1.581	0.0412	2	0.077	0.016	0.078	0.017	0.081	0.017	
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	UNII-5	Mid	6263.0	HDRFLB (OQPSK)	94.13%	4.50	3.35	1.579	0.0412	2	0.116	0.025	0.146	0.032	0.200	0.044	
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	UNII-5	Mid-High	6340.0	HDRFLB (OQPSK)	94.13%	4.50	3.45	1.578	0.0412	2	0.149	0.032	0.160	0.034	0.180	0.038	
Body & Hotspot	ANT 5	Wi-Fi PS1	Back	UNII-5	High	6417.0	HDRFLB (OQPSK)	94.13%	4.50	3.45	1.576	0.0412	2	0.173	0.037	0.174	0.037	0.184	0.039	
Body & Hotspot	ANT 5	Wi-Fi PS1	Front	UNII-5	Low	6109.0	HDRFLB (OQPSK)	94.13%	4.50	3.35	1.582	0.0412	2	0.118	0.026	0.141	0.031	0.183	0.040	
Body & Hotspot	ANT 5	Wi-Fi PS1	Edge Right	UNII-5	Low	6109.0	HDRFLB (OQPSK)	94.13%	4.50	3.35	1.582	0.0412	2	0.043	0.009	0.044	0.010	0.050	0.011	
Body & Hotspot	ANT 5	Wi-Fi PS1	Edge Bottom	UNII-5	Low	6109.0	HDRFLB (OQPSK)	94.13%	4.50	3.35	1.582	0.0412	2	0.073	0.016	0.074	0.016	0.079	0.017	
Body & Hotspot	ANT 5	Wi-Fi PS1	Edge Left	UNII-5	Low	6109.0	HDRFLB (OQPSK)	94.13%	4.50	3.35	1.582	0.0412	2	0.116	0.025	0.130	0.028	0.156	0.034	
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	UNII-5	Low	6109.0	HDRFLB (OQPSK)	94.13%	2.50	1.10	1.582	0.0412	2	0.089	0.021	0.111	0.026	0.187	0.043	
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	UNII-5	Low-Mid	6186.0	HDRFLB (OQPSK)	94.13%	2.50	1.10	1.581	0.0412	2	0.135	0.031	0.138	0.032	0.196	0.045	
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	UNII-5	Mid	6263.0	HDRFLB (OQPSK)	94.13%	2.50	1.10	1.579	0.0412	2	0.049	0.011	0.068	0.016	0.115	0.027	
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	UNII-5	Mid-High	6340.0	HDRFLB (OQPSK)	94.13%	2.50	1.00	1.578	0.0412	2	0.143	0.034	0.154	0.036	0.243	0.058	
Body & Hotspot	ANT 6	Wi-Fi PS1	Back	UNII-5	High	6417.0	HDRFLB (OQPSK)	94.13%	2.50	1.00	1.576	0.0412	2	0.083	0.020	0.118	0.028	0.181	0.043	
Body & Hotspot	ANT 6	Wi-Fi PS1	Front	UNII-7	Mid-High	6340.0	HDRFLB (OQPSK)	94.13%	2.50	1.00	1.578	0.0412	2	0.114	0.027	0.118	0.028	0.129	0.031	
Body & Hotspot	ANT 6	Wi-Fi PS1	Edge Top	UNII-7	Mid-High	6340.0	HDRFLB (OQPSK)	94.13%	2.50	1.00	1.578	0.0412	2	0.083	0.020	0.085	0.020	0.098	0.023	
Body & Hotspot	ANT 6	Wi-Fi PS1	Edge Right	UNII-7	Mid-High	6340.0	HDRFLB (OQPSK)	94.13%	2.50	1.00	1.578	0.0412	2	0.127	0.030	0.129	0.031	0.139	0.033	
Body & Hotspot	ANT 6	Wi-Fi PS1	Edge Left	UNII-7	Mid-High	6340.0	HDRFLB (OQPSK)	94.13%	2.50	1.00	1.578	0.0412	2	0.111	0.026	0.115	0.027	0.120	0.028	

Note(s):

MU scaling applied due to total uncertainty (1.52 dB, 41.9%) exceeds the 30% budget. Scaling applied for the amount exceeding the 30% budget (11.9%).

Testing was performed at the most conservative Grid Step Size of 0.041 lambda.

Conversion Factor: W/m² to mW/cm² = 0.1

10.44. MSS (Mobile Satellite Service)

								Cellular PS1						Cellular PS2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Max Output Pwr (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Back	Mid	1618.4	25.0	23.5	2.290	3.235	1.050	1.483	24.2	2.691	1.234	127
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Front	Low	1610.17	25.0	23.5	4.730	6.681	2.040	2.882	24.2	5.557	2.397	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Front	Mid	1618.4	25.0	23.5	4.650	6.568	1.980	2.797	24.2	5.463	2.326	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Front	High	1626.03	25.0	23.5	4.330	6.116	1.840	2.599	24.2	5.087	2.162	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Top	Mid	1618.4	25.0	23.5	0.725	1.024	0.248	0.350	24.2	0.852	0.291	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Right	Mid	1618.4	25.0	23.5	1.850	2.613	0.619	0.874	24.2	2.174	0.727	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Left	Mid	1618.4	25.0	23.5	0.072	0.102	0.034	0.048	24.2	0.085	0.040	

10.45. 802.15.4

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Left Cheek	Mid	2440	97.80%	20.00	18.70	0.065	0.090	0.037	0.051	
ANT 3	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Left Tilt	Mid	2440	97.80%	20.00	18.70	0.028	0.039	0.014	0.019	
ANT 3	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Right Cheek	Mid	2440	97.80%	20.00	18.70	0.039	0.054	0.022	0.030	
ANT 3	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Right Tilt	Mid	2440	97.80%	20.00	18.70	0.042	0.058	0.022	0.030	
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Back	Mid	2440	97.80%	20.00	18.70	0.379	0.523	0.176	0.243	
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Front	Mid	2440	97.80%	20.00	18.70	0.301	0.415	0.151	0.208	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Edge Bottom	Mid	2440	97.80%	20.00	18.70	0.269	0.371	0.125	0.172	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Edge Left	Mid	2440	97.80%	20.00	18.70	0.290	0.400	0.139	0.192	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Left Cheek	Low	2405	97.80%	19.75	18.40	0.656	0.915	0.326	0.455	
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Left Cheek	Mid	2440	97.80%	19.75	18.60	0.683	0.910	0.338	0.450	
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Left Cheek	High	2480	97.80%	19.75	18.30	0.643	0.918	0.320	0.457	123
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Left Tilt	Mid	2440	97.80%	19.75	18.60	0.350	0.466	0.169	0.225	
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Right Cheek	Mid	2440	97.80%	19.75	18.60	0.244	0.325	0.135	0.180	
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode A	0	Right Tilt	Mid	2440	97.80%	19.75	18.60	0.119	0.159	0.064	0.085	
ANT 4	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Back	Mid	2440	97.80%	20.25	19.00	0.558	0.761	0.274	0.374	124
ANT 4	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Front	Mid	2440	97.80%	20.25	19.00	0.260	0.355	0.139	0.190	
ANT 4	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Edge Top	Mid	2440	97.80%	20.25	19.00	0.112	0.153	0.045	0.061	
ANT 4	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS1 Mode B	5	Edge Right	Mid	2440	97.80%	20.25	19.00	0.547	0.746	0.264	0.360	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS3 Mode B	5	Back	Mid	2440	97.80%	20.00	18.70	0.379	0.523	0.176	0.243	
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS3 Mode B	5	Front	Mid	2440	97.80%	20.00	18.70	0.301	0.415	0.151	0.208	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS3 Mode B	5	Edge Bottom	Mid	2440	97.80%	20.00	18.70	0.269	0.371	0.125	0.172	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS3 Mode B	5	Edge Left	Mid	2440	97.80%	20.00	18.70	0.290	0.400	0.139	0.192	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS3 Mode A	0	Left Cheek	Mid	2440	97.80%	16.50	15.34	0.326	0.435	0.161	0.215	
ANT 4	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS3 Mode B	5	Back	Mid	2440	97.80%	18.25	17.01	0.362	0.492	0.181	0.246	
ANT 4	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS3 Mode B	5	Edge Right	Mid	2440	97.80%	18.25	17.01	0.326	0.443	0.149	0.203	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS4 Mode B	5	Back	Mid	2440	97.80%	19.25	18.70	0.379	0.440	0.176	0.204	
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS4 Mode B	5	Front	Mid	2440	97.80%	19.25	18.70	0.301	0.349	0.151	0.175	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS4 Mode B	5	Edge Bottom	Mid	2440	97.80%	19.25	18.70	0.269	0.312	0.125	0.145	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS4 Mode B	5	Edge Left	Mid	2440	97.80%	19.25	18.70	0.290	0.337	0.139	0.161	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS4 Mode A	0	Left Cheek	Mid	2440	97.80%	15.75	15.34	0.326	0.366	0.161	0.181	
ANT 4	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS4 Mode B	5	Back	Mid	2440	97.80%	17.50	17.01	0.362	0.414	0.181	0.207	
ANT 4	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS4 Mode B	5	Edge Right	Mid	2440	97.80%	17.50	17.01	0.326	0.373	0.149	0.171	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS5 Mode B	5	Back	Mid	2440	97.80%	18.25	18.70	0.379	0.349	0.176	0.162	
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS5 Mode B	5	Front	Mid	2440	97.80%	18.25	18.70	0.301	0.277	0.151	0.139	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS5 Mode B	5	Edge Bottom	Mid	2440	97.80%	18.25	18.70	0.269	0.248	0.125	0.115	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS5 Mode B	5	Edge Left	Mid	2440	97.80%	18.25	18.70	0.290	0.267	0.139	0.128	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS5 Mode A	0	Left Cheek	Mid	2440	97.80%	14.75	15.34	0.326	0.291	0.161	0.144	
ANT 4	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS5 Mode B	5	Back	Mid	2440	97.80%	16.50	17.01	0.362	0.329	0.181	0.165	
ANT 4	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS5 Mode B	5	Edge Right	Mid	2440	97.80%	16.50	17.01	0.326	0.296	0.149	0.135	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS6 Mode B	5	Back	Mid	2440	97.80%	17.00	18.70	0.379	0.262	0.176	0.122	
ANT 3	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS6 Mode B	5	Front	Mid	2440	97.80%	17.00	18.70	0.301	0.208	0.151	0.104	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS6 Mode B	5	Edge Bottom	Mid	2440	97.80%	17.00	18.70	0.269	0.186	0.125	0.086	
ANT 3	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS6 Mode B	5	Edge Left	Mid	2440	97.80%	17.00	18.70	0.290	0.200	0.139	0.096	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (m)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (2.4 GHz)	802.15.4 PS6 Mode A	0	Left Cheek	Mid	2440	97.80%	13.50	15.34	0.326	0.218	0.161	0.108	
ANT 4	Body & Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS6 Mode B	5	Back	Mid	2440	97.80%	15.25	17.01	0.362	0.247	0.181	0.123	
ANT 4	Hotspot	O-QPSK (2.4 GHz)	802.15.4 PS6 Mode B	5	Edge Right	Mid	2440	97.80%	15.25	17.01	0.326	0.222	0.149	0.102	

Notes:

SAR Testing was performed at 100% Duty Cycle.

10.46. 802.15.4ab - NB

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Left Cheek	Mid	5786.25	10.08%	21.00	19.80	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Left Tilt	Mid	5786.25	10.08%	21.00	19.80	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Right Cheek	Mid	5786.25	10.08%	21.00	19.80	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Right Tilt	Mid	5786.25	10.08%	21.00	19.80	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Back	Mid	5786.25	10.08%	20.50	19.30	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Front	Mid	5786.25	10.08%	20.50	19.30	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Edge Left	Mid	5786.25	10.08%	20.50	19.30	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Edge Bottom	Mid	5786.25	10.08%	20.50	19.30	0.000	0.000	0.000	0.000	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Left Cheek	Mid	5786.25	10.08%	19.00	17.70	0.026	0.035	0.008	0.011	
ANT 6	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Left Tilt	Mid	5786.25	10.08%	19.00	17.70	0.036	0.048	0.013	0.017	
ANT 6	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Right Cheek	Mid	5786.25	10.08%	19.00	17.70	0.031	0.041	0.007	0.009	
ANT 6	Head	O-QPSK (5 GHz)	PStandalone Mode A	0	Right Tilt	Mid	5786.25	10.08%	19.00	17.70	0.040	0.054	0.008	0.011	125
ANT 6	Body & Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Back	Mid	5786.25	10.08%	16.00	15.60	0.077	0.084	0.014	0.152	126
ANT 6	Body & Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Front	Mid	5786.25	10.08%	16.00	15.60	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Edge Top	Mid	5786.25	10.08%	16.00	15.60	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	O-QPSK (5 GHz)	PStandalone Mode B	5	Edge Left	Mid	5786.25	10.08%	16.00	15.60	0.000	0.000	0.000	0.000	

10.47. NFC

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Dist. (mm)	Test Position(s)	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Primary	Extremity	Type A	0	Back	13.56	0.010	0.008	
Primary	Extremity	Type A	0	Front	13.56	0.010	0.008	
Primary	Extremity	Type A	0	Edge Top	13.56	0.031	0.017	128
Primary	Extremity	Type A	0	Edge Left	13.56	0.004	0.002	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Dist. (mm)	Test Position(s)	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Secondary	Extremity	Type A	0	Back	13.56	0.000	0.000	
Secondary	Extremity	Type A	0	Front	13.56	0.001	0.000	
Secondary	Extremity	Type A	0	Edge Right	13.56	0.000	0.000	
Secondary	Extremity	Type A	0	Edge Left	13.56	0.000	0.000	

11. SAR Measurement Variability

In accordance with published RF Exposure KDB 865664 D01 SAR measurement 100 MHz to 6 GHz. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.8 or 2 W/kg (1-g or 10-g respectively); steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.8 or 2 W/kg (1-g or 10-g respectively), repeat that measurement once.
- 3) Perform a second repeated measurement only if the **ratio of largest to smallest SAR** for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 or 3.6 W/kg ($\sim 10\%$ from the 1-g or 10-g respective SAR limit).
- 4) Perform a third repeated measurement only if the original, first, or second repeated measurement is ≥ 1.5 or 3.75 W/kg (1-g or 10-g respectively) and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

1-g Repeated Measurements

Frequency Band (MHz)	Air Interface	Antenna	Power Mode(s)	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated	
								Measured SAR (W/kg)	Largest to Smallest SAR Ratio
850	LTE B26	ANT 2	Mode A	Head	Right Cheek	Yes	0.802	0.787	1.02
1700	LTE B66	ANT 1	Mode B	Hotspot	Edge Bottom	Yes	0.948	0.920	1.03
1900	LTE B25	ANT 2	Mode A	Head	Right Cheek	Yes	0.979	0.892	1.10
2300	LTE B30	ANT 1	Mode B	Hotspot	Edge Bottom	Yes	0.929	0.931	1.00
2450	FR1 n53	ANT 1	Mode B	Hotspot	Edge Bottom	Yes	0.973	0.942	1.03
2500	FR1 n7	ANT 1	Mode B	Hotspot	Edge Bottom	Yes	0.975	0.904	1.08
2600	FR1 n41	ANT 3	Mode B	Hotspot	Edge Left	Yes	0.985	0.951	1.04
3600	LTE B48	ANT 9	Mode B	Hotspot	Edge Left	Yes	0.985	0.967	1.02
5500	Wi-Fi 5.5	ANT 6	Mode B	Body & Hotspot	Back	Yes	0.915	0.980	1.07

Note(s):

Second Repeated Measurement is not required since the ratio of the largest to smallest SAR for the original and first repeated measurement is < 1.20 .

10-g Repeated Measurements

Frequency Band (MHz)	Air Interface	Antenna	Power Mode(s)	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated	
								Measured SAR (W/kg)	Largest to Smallest SAR Ratio
1600	MSS	ANT 4	Mode B	Extremity	Front	Yes	2.040	1.850	1.10

Note(s):

Second Repeated Measurement is not required since the ratio of the largest to smallest SAR for the original and first repeated measurement is < 1.20 .

12. Simultaneous Transmission Conditions

KDB 447498 D01 General RF Exposure Guidance provides two procedures for determining simultaneous transmission SAR test exclusion: Sum of SAR and SAR to Peak Location Ratio (SPLSR)

Sum of SAR

To qualify for simultaneous transmission SAR test exclusion based upon Sum of SAR the sum of the reported standalone SARs for all simultaneously transmitting antennas shall be below the applicable standalone SAR limit. If the sum of the SARs is above the applicable limit then simultaneous transmission SAR test exclusion may still apply if the requirements of the SAR to Peak Location Ratio (SPLSR) evaluation are met.

SAR to Peak Location Ratio (SPLSR)

KDB 447498 D01 General RF Exposure Guidance explains how to calculate the SAR to Peak Location Ratio (SPLSR) between pairs of simultaneously transmitting antennas:

$$SPLSR = (SAR_1 + SAR_2)^{1.5} / Ri$$

Where:

SAR₁ is the highest reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition

SAR₂ is the highest reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in the same test operating mode and exposure condition as the first

Ri is the separation distance between the pair of simultaneous transmitting antennas. When the SAR is measured, for both antennas in the pair, it is determined by the actual x, y and z coordinates in the 1-g SAR for each SAR peak location, based on the extrapolated and interpolated result in the zoom scan measurement, using the formula of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$

In order for a pair of simultaneous transmitting antennas with the sum of 1-g SAR > 1.6 W/kg to qualify for exemption from Simultaneous Transmission SAR measurements, it has to satisfy the condition of:

$$(SAR_1 + SAR_2)^{1.5} / Ri \leq 0.04$$

When an individual antenna transmits at on two bands simultaneously, the sum of the highest reported SAR for the frequency bands should be used to determine **SAR₁** or **SAR₂**. When SPLSR is necessary, the smallest distance between the peak SAR locations for the antenna pair with respect to the peaks from each antenna should be used.

The antennas in all antenna pairs that do not qualify for simultaneous transmission SAR test exclusion must be tested for SAR compliance, according to the enlarged zoom scan and volume scan post-processing procedures in KDB Publication 865664 D01

Simultaneous transmission SAR measurement

When simultaneous transmission SAR measurements are required in different frequency bands not covered by a single probe calibration point then separate tests for each frequency band are performed. The tests are performed using enlarged zoom scans which are processed, by means of superposition, using the DASY volume scan post-processing procedures to determine the 1-g SAR for the aggregate SAR distribution.

The spatial resolution used for all enlarged zoom scans is the same as used for the most stringent zoom scans. I.E. the scan parameters required for the highest frequency assessed are used for all enlarged zoom scans. The scans cover the complete area of the device to ensure all transmitting antennas and radiating structures are assessed.

DASY provides the ability to perform Multiband Evaluations according to the latest standards using the Volume Scan job as well as appropriate routines for the post-processing.

In order to extract and process measurements within different frequency bands, the SEMCAD X Post-processor performs the combination and subsequent superposition of these measurement data via DASY = Combined MultiBand Averaged SAR.

Combined Multi Band Averaged SAR allows - in addition to the data extraction - an evaluation of the 1 g, 10 g and/or arbitrary averaged mass SAR.

Power Scaling Factor is used to allow the volume scans to be scaled by a value other than "1", this is important when the results need to be scaled to different maximum power levels. The Power Scaling Factor is applied to each

individual point of the scan. When power scaling is used in multi-band combinations the scaling factor is applied to each individual point of the first scan, the second factor is then applied to each individual point of the second scan and so on. The scans are then combined.

Simultaneous transmission SAR Exclusion

According to KDB 248227 D01, simultaneous SAR provisions in KDB 447498 D01 apply to determine simultaneous transmission SAR test exclusion for Wi-Fi MIMO. If the sum of 1-g single transmission chain SAR measurements is <1.6W/kg and/or the MIMO output power is equal or less than a single chain, then no additional SAR measurements for simultaneously at the specified maximum output power of MIMO operation.

When antennas are spatially separated to the extent that SAR distributions do not overlap and can be treated independently, SAR compliance for simultaneous transmission is determined separately for each individual antenna.

In AirPlay mode, the device uses same power and power control mechanism as Wi-Fi. AirPlay is not supported in hotspot mode. AirPlay utilize the same 802.11 modes, modulation, MIMO, Channel Bandwidth, etc. as Wi-Fi does. Therefore, AirPlay usage is categorized by the Wi-Fi SAR testing contained in Section 10.

Simultaneous Analysis was performed on the worst case WWAN Antenna result per Power State combined with the worst case reported Connectivity result, across all technologies and antennas, per Power State.

The simultaneous transmission possibilities for this device are listed as below.

Configuration	Wi-Fi 2.4GHz	Wi-Fi 5 GHz	Wi-Fi 6GHz	BT 2.4GHz	NB U-NII (U-NII 1, 3 & 5)	802.15.4	802.15.4ab
Wi-Fi Single Band							
1	1 Tx, 2 Tx						
2		1 Tx, 2 Tx					
3			1 Tx, 2 Tx				
BT/NB Single Band							
4				1 Tx, 2 Tx Bf			
5					1 Tx, 2 Tx Bf		
Wi-Fi Dual Band							
6	1 Tx, 2 Tx	1 Tx, 2 Tx					
7	1 Tx, 2 Tx		1 Tx, 2 Tx				
BT/NB Dual Band							
8				1 Tx, 2 Tx Bf	1 Tx, 2 Tx Bf		
Wi-Fi in 2.4GHz and BT/NB							
9 ¹	1 Tx			1 Tx			
10	1 Tx, 2 Tx				1 Tx, 2 Tx Bf		
BT in 2.4GHz and Wi-Fi							
11		1 Tx, 2 Tx		1 Tx, 2 Tx Bf			
12			1 Tx, 2 Tx	1 Tx, 2 Tx Bf			
Wi-Fi Dual Band and BT							
13 ¹	1 Tx	1 Tx, 2 Tx		1 Tx			
14 ¹	1 Tx		1 Tx, 2 Tx	1 Tx			
BT/NB Dual Band and Wi-Fi							
15 ¹	1 Tx			1 Tx	1 Tx, 2 Tx Bf		
802.15.4							
16						1 Tx	
Wi-Fi and 802.15.4							
17 ²	1 Tx					1 Tx	
18		1 Tx, 2 Tx				1 Tx	
19			1 Tx, 2 Tx			1 Tx	
Wi-Fi Dual Band and 802.15.4							
20 ²	1 Tx	1 Tx, 2 Tx				1 Tx	
21 ²	1 Tx		1 Tx, 2 Tx			1 Tx	
NB U-NII and 802.15.4							
22					1 Tx, 2 Tx Bf	1 Tx	
Wi-Fi and NB U-NII and 802.15.4							
23 ²	1 Tx				1 Tx, 2 Tx Bf	1 Tx	
802.15.4ab							
24							1 Tx
802.15.4ab and Wi-Fi							
25	1 Tx, 2 Tx						1 Tx
802.15.4ab and BT							
26				1 Tx, 2 Tx Bf			1 Tx
802.15.4ab and Wi-Fi and BT							
27	1 Tx			1 Tx			1 Tx
802.15.4ab and 802.15.4							
28						1 Tx	1 Tx

Note(s):

- Wi-Fi 2.4 GHz & Bluetooth 2.4 GHz cannot transmit simultaneously on the same antenna.
- 802.15.4 & Wi-Fi 2.4 GHz cannot transmit simultaneously on the same antenna.
- TxBF: Focusing the 2 Tx signal towards receiving device.
- This device supports Real Simultaneous Dual Band (RSDB).
- 802.15.4ab-NB cannot transmit simultaneously on ANT 5 and ANT 6.
- Wi-Fi SISO mode SAR result can also represent MIMO mode SAR and is used for MIMO mode simultaneous transmission analysis because antennas are not overlapping, and the MIMO mode maximum power is equal or less than SISO mode.
- 5G NR only supports NSA mode.
- MSS and Cellular cannot transmit simultaneously.
- Cellular radio or MSS may transmit simultaneously with the Wi-Fi/BT/NB U-NII/802.15.4/802.15.4ab radios configurations.
- The TAS algorithm in WWAN adds directly to the RF exposure from 2G (GSM) to 5G NR. The TAS algorithm controls the total RF exposure for all of cellular to not exceed the FCC limit. Therefore, simultaneous transmission compliance between 4G (LTE) + 5G NR operation is demonstrated in the *Smart Transmit (Part 2)* report during algorithm validation. In this report, (Part 1), simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using either 4G or 5G NR.

12.1. Connectivity (1) & Connectivity (2)

Standalone SAR (W/kg)		$\sum$ 1-g SAR (W/kg)
Connectivity 1	Connectivity 2	Connectivity + Connectivity
1.190	0.400	1.590

Note(s):

- All technologies that are defined as Connectivity (Wi-Fi 2.4/5/6 GHz, Bluetooth, NB U-NII, and 802.15.4) are controlled through a TAS algorithm to never exceed the sum of SAR limit shown above. Please refer to 15496277-S8 for details and verification of the TAS algorithm's functionality.
- The table above is an example only showing the maximum allowed Sum of SAR.

12.2. Connectivity (1) & Connectivity (2) & 802.15.4ab

Standalone SAR (W/kg)			$\sum$ 1-g SAR (W/kg)
Connectivity 1	Connectivity 2	802.15.4ab	Connectivity + Connectivity + 802.15.4ab
1.090	0.400	0.100	1.590

Note(s):

- All technologies that are defined as Connectivity (Wi-Fi 2.4/5/6 GHz, Bluetooth, NB U-NII, and 802.15.4) are controlled through a TAS algorithm to never exceed the sum of SAR limit shown above. Please refer to 15496277-S8 for details and verification of the TAS algorithm's functionality.
- The table above is an example only showing the maximum allowed Sum of SAR.

12.3. WWAN PS1(TNE) & Connectivity

RF Exposure conditions	Test Position	Standalone SAR (W/kg)										Σ 1-g SAR (W/kg)	
		15	41	42	53	54	65	66	89	90	77	78	15+(41/42/53/54/65/66/89/90/77/78)
		WWAN (TNE) Pstate 1	Wi-Fi 2.4G Pstate 5 ANT1	Wi-Fi 2.4G Pstate 5 ANT2	Wi-Fi 5/6G Pstate 5 ANT5	Wi-Fi 5/6G Pstate 5 ANT6	BT Pstate 5 ANT1	BT Pstate 5 ANT2	802.15.4 Pstate 5 ANT1	802.15.4 Pstate 5 ANT2	NB UNII Pstate 5 ANT5	NB UNII Pstate 5 ANT6	
Head	Left Cheek	0.837	0.000	0.364	0.045	0.304	0.126	0.218	0.000	0.291	0.074	0.001	1.201
	Left Tilt	0.994	0.000	0.188	0.045	0.304	0.048	0.139	0.000	0.000	0.000	0.000	1.299
	Right Cheek	1.070	0.000	0.282	0.045	0.304	0.081	0.000	0.000	0.000	0.000	0.245	1.374
	Right Tilt	0.888	0.000	0.282	0.045	0.304	0.000	0.000	0.000	0.000	0.000	0.269	1.193
Body-worn & Hotspot	Back	0.818	0.354	0.368	0.330	0.365	0.357	0.353	0.349	0.329	0.227	0.288	1.185
	Front	0.432	0.354	0.368	0.330	0.365	0.348	0.000	0.277	0.000	0.065	0.013	0.800
Hotspot	Edge Top	0.781	0.000	0.334	0.271	0.000	0.000	0.000	0.000	0.000	0.000	0.001	1.115
	Edge Right	0.469	0.000	0.334	0.271	0.000	0.000	0.000	0.000	0.296	0.000	0.000	0.803
	Edge Bottom	1.143	0.000	0.334	0.271	0.000	0.306	0.000	0.248	0.000	0.024	0.000	1.478
	Edge Left	0.641	0.000	0.334	0.271	0.000	0.297	0.000	0.267	0.000	0.190	0.007	0.976

12.4. WWAN PS1(PCE) & Connectivity

RF Exposure conditions	Test Position	Standalone SAR (W/kg)										Σ 1-g SAR (W/kg)	
		14	41	42	53	54	65	66	89	90	77	78	14+(41/42/53/54/65/66/89/90/77/78)
		WWAN (PCE) Pstate 1	Wi-Fi 2.4G Pstate 5 ANT1	Wi-Fi 2.4G Pstate 5 ANT2	Wi-Fi 5/6G Pstate 5 ANT5	Wi-Fi 5/6G Pstate 5 ANT6	BT Pstate 5 ANT1	BT Pstate 5 ANT2	802.15.4 Pstate 5 ANT1	802.15.4 Pstate 5 ANT2	NB UNII Pstate 5 ANT5	NB UNII Pstate 5 ANT6	
Head	Left Cheek	1.167	0.000	0.364	0.045	0.304	0.126	0.218	0.000	0.291	0.074	0.001	1.531
	Left Tilt	1.185	0.000	0.188	0.045	0.304	0.048	0.139	0.000	0.000	0.000	0.000	1.489
	Right Cheek	1.175	0.000	0.282	0.045	0.304	0.081	0.000	0.000	0.000	0.000	0.245	1.479
	Right Tilt	1.163	0.000	0.282	0.045	0.304	0.000	0.000	0.000	0.000	0.000	0.269	1.467
Body-worn & Hotspot	Back	1.168	0.354	0.368	0.330	0.365	0.357	0.353	0.349	0.329	0.227	0.288	1.536
	Front	0.946	0.354	0.368	0.330	0.365	0.348	0.000	0.277	0.000	0.065	0.013	1.313
Hotspot	Edge Top	1.190	0.000	0.334	0.271	0.000	0.000	0.000	0.000	0.000	0.000	0.001	1.524
	Edge Right	1.178	0.000	0.334	0.271	0.000	0.000	0.000	0.000	0.296	0.000	0.000	1.512
	Edge Bottom	1.188	0.000	0.334	0.271	0.000	0.306	0.000	0.248	0.000	0.024	0.000	1.522
	Edge Left	1.190	0.000	0.334	0.271	0.000	0.297	0.000	0.267	0.000	0.190	0.007	1.524

12.5. WWAN PS1(CBE) & Connectivity

RF Exposure conditions	Test Position	Standalone SAR (W/kg)											Σ 1-g SAR (W/kg)
		16	41	42	53	54	65	66	89	90	77	78	16+(41/42/53/54/65/66/89/90/77/78)
		WWAN (CBE) Pstate 1	Wi-Fi 2.4G Pstate 5 ANT1	Wi-Fi 2.4G Pstate 5 ANT2	Wi-Fi 5/6G Pstate 5 ANT5	Wi-Fi 5/6G Pstate 5 ANT6	BT Pstate 5 ANT1	BT Pstate 5 ANT2	802.15.4 Pstate 5 ANT1	802.15.4 Pstate 5 ANT2	NB UNII Pstate 5 ANT5	NB UNII Pstate 5 ANT6	WWAN (CBE) + Connectivity
Head	Left Cheek	1.048	0.000	0.364	0.045	0.304	0.126	0.218	0.000	0.291	0.074	0.001	1.412
	Left Tilt	0.624	0.000	0.188	0.045	0.304	0.048	0.139	0.000	0.000	0.000	0.000	0.929
	Right Cheek	1.189	0.000	0.282	0.045	0.304	0.081	0.000	0.000	0.000	0.000	0.245	1.493
	Right Tilt	1.140	0.000	0.282	0.045	0.304	0.000	0.000	0.000	0.000	0.000	0.269	1.445
Body-worn & Hotspot	Back	1.144	0.354	0.368	0.330	0.365	0.357	0.353	0.349	0.329	0.227	0.288	1.512
	Front	0.552	0.354	0.368	0.330	0.365	0.348	0.000	0.277	0.000	0.065	0.013	0.920
Hotspot	Edge Top	0.605	0.000	0.334	0.271	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.939
	Edge Right	1.189	0.000	0.334	0.271	0.000	0.000	0.000	0.000	0.296	0.000	0.000	1.524
	Edge Bottom	0.518	0.000	0.334	0.271	0.000	0.306	0.000	0.248	0.000	0.024	0.000	0.853
	Edge Left	0.000	0.000	0.334	0.271	0.000	0.297	0.000	0.267	0.000	0.190	0.007	0.334

12.6. WWAN PS1(TNE) & Connectivity & 802.15.4ab

RF Exposure conditions	Test Position	Standalone SAR (W/kg)												Σ 1-g SAR (W/kg)
		15	43	44	55	56	67	68	91	92	79	80	93	94
		WWAN (TNE) Pstate 1	Wi-Fi 2.4G Pstate 6 ANT1	Wi-Fi 2.4G Pstate 6 ANT2	Wi-Fi 5/6G Pstate 6 ANT5	Wi-Fi 5/6G Pstate 6 ANT6	BT Pstate 6 ANT1	BT Pstate 6 ANT2	802.15.4 Pstate 6 ANT1	802.15.4 Pstate 6 ANT2	NB UNII Pstate 6 ANT5	NB UNII Pstate 6 ANT6	802.15.4ab ANT 5	802.15.4ab ANT 6
Head	Left Cheek	0.837	0.000	0.273	0.030	0.228	0.126	0.163	0.000	0.218	0.074	0.001	0.000	0.035
	Left Tilt	0.994	0.000	0.141	0.030	0.228	0.048	0.104	0.000	0.000	0.000	0.000	0.000	0.048
	Right Cheek	1.070	0.000	0.141	0.030	0.228	0.081	0.000	0.000	0.000	0.000	0.184	0.000	0.041
	Right Tilt	0.888	0.000	0.141	0.030	0.228	0.000	0.000	0.000	0.000	0.000	0.202	0.000	0.054
Body-worn & Hotspot	Back	0.818	0.265	0.276	0.247	0.274	0.268	0.265	0.262	0.247	0.220	0.216	0.000	0.084
	Front	0.432	0.265	0.276	0.247	0.274	0.261	0.000	0.208	0.000	0.065	0.013	0.000	0.000
Hotspot	Edge Top	0.781	0.000	0.251	0.203	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
	Edge Right	0.469	0.000	0.251	0.203	0.000	0.000	0.000	0.000	0.222	0.000	0.000	0.000	0.000
	Edge Bottom	1.143	0.000	0.251	0.203	0.000	0.230	0.000	0.186	0.000	0.024	0.000	0.000	0.000
	Edge Left	0.641	0.000	0.251	0.203	0.000	0.223	0.000	0.200	0.000	0.190	0.007	0.000	0.000

12.7. WWAN PS1(PCE) & Connectivity & 802.15.4ab

RF Exposure conditions	Test Position	Standalone SAR (W/kg)												Σ 1-g SAR (W/kg)
		14	43	44	55	56	67	68	91	92	79	80	93	94
		WWAN (PCE) Pstate 1	Wi-Fi 2.4G Pstate 6 ANT1	Wi-Fi 2.4G Pstate 6 ANT2	Wi-Fi 5/6G Pstate 6 ANT5	Wi-Fi 5/6G Pstate 6 ANT6	BT Pstate 6 ANT1	BT Pstate 6 ANT2	802.15.4 Pstate 6 ANT1	802.15.4 Pstate 6 ANT2	NB UNII Pstate 6 ANT5	NB UNII Pstate 6 ANT6	802.15.4ab ANT 5	802.15.4ab ANT 6
Head	Left Cheek	1.167	0.000	0.273	0.030	0.228	0.126	0.163	0.000	0.218	0.074	0.001	0.000	0.035
	Left Tilt	1.185	0.000	0.141	0.030	0.228	0.048	0.104	0.000	0.000	0.000	0.000	0.000	0.048
	Right Cheek	1.175	0.000	0.141	0.030	0.228	0.081	0.000	0.000	0.000	0.000	0.184	0.000	0.041
	Right Tilt	1.163	0.000	0.141	0.030	0.228	0.000	0.000	0.000	0.000	0.000	0.202	0.000	0.054
Body-worn & Hotspot	Back	1.168	0.265	0.276	0.247	0.274	0.268	0.265	0.262	0.247	0.220	0.216	0.000	0.084
	Front	0.946	0.265	0.276	0.247	0.274	0.261	0.000	0.208	0.000	0.065	0.013	0.000	0.000
Hotspot	Edge Top	1.190	0.000	0.251	0.203	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
	Edge Right	1.178	0.000	0.251	0.203	0.000	0.000	0.000	0.000	0.222	0.000	0.000	0.000	0.000
	Edge Bottom	1.188	0.000	0.251	0.203	0.000	0.230	0.000	0.186	0.000	0.024	0.000	0.000	0.000
	Edge Left	1.190	0.000	0.251	0.203	0.000	0.223	0.000	0.200	0.000	0.190	0.007	0.000	0.000

12.8. WWAN PS1(CBE) & Connectivity & 802.15.4ab

RF Exposure conditions	Test Position	Standalone SAR (W/kg)												Σ 1-g SAR (W/kg)
		16	43	44	55	56	67	68	91	92	79	80	93	94
		WWAN (CBE) Pstate 1	Wi-Fi 2.4G Pstate 6 ANT1	Wi-Fi 2.4G Pstate 6 ANT2	Wi-Fi 5/6G Pstate 6 ANT5	Wi-Fi 5/6G Pstate 6 ANT6	BT Pstate 6 ANT1	BT Pstate 6 ANT2	802.15.4 Pstate 6 ANT1	802.15.4 Pstate 6 ANT2	NB UNII Pstate 6 ANT5	NB UNII Pstate 6 ANT6	802.15.4ab ANT 5	802.15.4ab ANT 6
Head	Left Cheek	1.048	0.000	0.273	0.030	0.228	0.126	0.163	0.000	0.218	0.074	0.001	0.000	0.035
	Left Tilt	0.624	0.000	0.141	0.030	0.228	0.048	0.104	0.000	0.000	0.000	0.000	0.000	0.048
	Right Cheek	1.189	0.000	0.141	0.030	0.228	0.081	0.000	0.000	0.000	0.000	0.184	0.000	0.041
	Right Tilt	1.140	0.000	0.141	0.030	0.228	0.000	0.000	0.000	0.000	0.000	0.202	0.000	0.054
Body-worn & Hotspot	Back	1.144	0.265	0.276	0.247	0.274	0.268	0.265	0.262	0.247	0.220	0.216	0.000	0.084
	Front	0.552	0.265	0.276	0.247	0.274	0.261	0.000	0.208	0.000	0.065	0.013	0.000	0.000
Hotspot	Edge Top	0.605	0.000	0.251	0.203	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
	Edge Right	1.189	0.000	0.251	0.203	0.000	0.000	0.000	0.000	0.222	0.000	0.000	0.000	0.000
	Edge Bottom	0.518	0.000	0.251	0.203	0.000	0.230	0.000	0.186	0.000	0.024	0.000	0.000	0.000
	Edge Left	0.000	0.000	0.251	0.203	0.000	0.223	0.000	0.200	0.000	0.190	0.007	0.000	0.000

12.9. WWAN PS2(TNE) & Connectivity

RF Exposure conditions	Test Position	Standalone SAR (W/kg)											Σ 1-g SAR (W/kg)
		31	37	38	49	50	61	62	85	86	73	74	31+(37/38/49/50/61/62/85/86/73/74)
		WWAN (TNE) Pstate 2	Wi-Fi 2.4G Pstate 3 ANT1	Wi-Fi 2.4G Pstate 3 ANT2	Wi-Fi 5/6G Pstate 3 ANT5	Wi-Fi 5/6G Pstate 3 ANT6	BT Pstate 3 ANT1	BT Pstate 3 ANT2	802.15.4 Pstate 3 ANT1	802.15.4 Pstate 3 ANT2	NB UNII Pstate 3 ANT5	NB UNII Pstate 3 ANT6	WWAN (TNE) + Connectivity
Head	Left Cheek	0.696	0.000	0.545	0.068	0.082	0.126	0.326	0.000	0.435	0.074	0.001	1.241
	Left Tilt	0.827	0.000	0.282	0.068	0.082	0.048	0.208	0.000	0.000	0.000	0.000	1.109
	Right Cheek	0.890	0.000	0.282	0.068	0.082	0.081	0.000	0.000	0.000	0.000	0.366	1.256
	Right Tilt	0.739	0.000	0.282	0.068	0.455	0.000	0.000	0.000	0.000	0.000	0.403	1.194
Body-worn & Hotspot	Back	0.706	0.529	0.550	0.477	0.547	0.534	0.528	0.523	0.492	0.339	0.431	1.257
	Front	0.401	0.529	0.550	0.477	0.547	0.520	0.000	0.415	0.000	0.065	0.013	0.951
Hotspot	Edge Top	0.781	0.000	0.500	0.397	0.000	0.000	0.000	0.000	0.000	0.000	0.001	1.281
	Edge Right	0.390	0.000	0.500	0.397	0.000	0.000	0.000	0.000	0.443	0.000	0.000	0.890
	Edge Bottom	0.951	0.000	0.500	0.397	0.000	0.458	0.000	0.371	0.000	0.024	0.000	1.451
	Edge Left	0.641	0.000	0.500	0.397	0.000	0.444	0.000	0.400	0.000	0.242	0.007	1.142

12.10. WWAN PS2(PCE) & Connectivity

RF Exposure conditions	Test Position	Standalone SAR (W/kg)											Σ 1-g SAR (W/kg)
		30	37	38	49	50	61	62	85	86	73	74	30+(37/38/49/50/61/62/85/86/73/74)
		WWAN (PCE) Pstate 2	Wi-Fi 2.4G Pstate 3 ANT1	Wi-Fi 2.4G Pstate 3 ANT2	Wi-Fi 5/6G Pstate 3 ANT5	Wi-Fi 5/6G Pstate 3 ANT6	BT Pstate 3 ANT1	BT Pstate 3 ANT2	802.15.4 Pstate 3 ANT1	802.15.4 Pstate 3 ANT2	NB UNII Pstate 3 ANT5	NB UNII Pstate 3 ANT6	WWAN (PCE) + Connectivity
Head	Left Cheek	0.971	0.000	0.545	0.068	0.082	0.126	0.326	0.000	0.435	0.074	0.001	1.516
	Left Tilt	0.985	0.000	0.282	0.068	0.082	0.048	0.208	0.000	0.000	0.000	0.000	1.267
	Right Cheek	0.977	0.000	0.282	0.068	0.082	0.081	0.000	0.000	0.000	0.000	0.366	1.344
	Right Tilt	0.968	0.000	0.282	0.068	0.455	0.000	0.000	0.000	0.000	0.000	0.403	1.423
Body-worn & Hotspot	Back	0.951	0.529	0.550	0.477	0.547	0.534	0.528	0.523	0.492	0.339	0.431	1.501
	Front	0.787	0.529	0.550	0.477	0.547	0.520	0.000	0.415	0.000	0.065	0.013	1.337
Hotspot	Edge Top	0.989	0.000	0.500	0.397	0.000	0.000	0.000	0.000	0.000	0.000	0.001	1.490
	Edge Right	0.980	0.000	0.500	0.397	0.000	0.000	0.000	0.000	0.443	0.000	0.000	1.480
	Edge Bottom	0.988	0.000	0.500	0.397	0.000	0.458	0.000	0.371	0.000	0.024	0.000	1.488
	Edge Left	0.990	0.000	0.500	0.397	0.000	0.444	0.000	0.400	0.000	0.242	0.007	1.490

12.11. WWAN PS2(CBE) & Connectivity

RF Exposure conditions	Test Position	Standalone SAR (W/kg)											Σ 1-g SAR (W/kg)
		32	37	38	49	50	61	62	85	86	73	74	32+(37/38/49/50/61/62/85/86/73/74)
		WWAN (CBE) Pstate 2	Wi-Fi 2.4G Pstate 3 ANT1	Wi-Fi 2.4G Pstate 3 ANT2	Wi-Fi 5/6G Pstate 3 ANT5	Wi-Fi 5/6G Pstate 3 ANT6	BT Pstate 3 ANT1	BT Pstate 3 ANT2	802.15.4 Pstate 3 ANT1	802.15.4 Pstate 3 ANT2	NB UNII Pstate 3 ANT5	NB UNII Pstate 3 ANT6	WWAN (CBE) + Connectivity
Head	Left Cheek	0.872	0.000	0.545	0.068	0.082	0.126	0.326	0.000	0.435	0.074	0.001	1.417
	Left Tilt	0.519	0.000	0.282	0.068	0.082	0.048	0.208	0.000	0.000	0.000	0.000	0.801
	Right Cheek	0.989	0.000	0.282	0.068	0.082	0.081	0.000	0.000	0.000	0.000	0.366	1.356
	Right Tilt	0.949	0.000	0.282	0.068	0.455	0.000	0.000	0.000	0.000	0.000	0.403	1.404
Body-worn & Hotspot	Back	0.952	0.529	0.550	0.477	0.547	0.534	0.528	0.523	0.492	0.339	0.431	1.502
	Front	0.459	0.529	0.550	0.477	0.547	0.520	0.000	0.415	0.000	0.065	0.013	1.010
Hotspot	Edge Top	0.503	0.000	0.500	0.397	0.000	0.000	0.000	0.000	0.000	0.000	0.001	1.003
	Edge Right	0.989	0.000	0.500	0.397	0.000	0.000	0.000	0.000	0.443	0.000	0.000	1.490
	Edge Bottom	0.431	0.000	0.500	0.397	0.000	0.458	0.000	0.371	0.000	0.024	0.000	0.931
	Edge Left	0.987	0.000	0.500	0.397	0.000	0.444	0.000	0.400	0.000	0.242	0.007	1.487

12.12. WWAN PS2(TNE) & Connectivity & 802.15.4ab

RF Exposure conditions	Test Position	Standalone SAR (W/kg)													Σ 1-g SAR (W/kg)	
		31	39	40	51	52	63	64	87	88	75	76	93	94	31+(39/40/51/52/63/64/87/88/75/76)+(93/94)	
		WWAN (TNE) Pstate 2	Wi-Fi 2.4G Pstate 4 ANT1	Wi-Fi 2.4G Pstate 4 ANT2	Wi-Fi 5/6G Pstate 4 ANT5	Wi-Fi 5/6G Pstate 4 ANT6	BT Pstate 4 ANT1	BT Pstate 4 ANT2	802.15.4 Pstate 4 ANT1	802.15.4 Pstate 4 ANT2	NB UNII Pstate 4 ANT5	NB UNII Pstate 4 ANT6	802.15.4ab ANT 5	802.15.4ab ANT 6		
Head	Left Cheek	0.696	0.000	0.459	0.057	0.383	0.126	0.274	0.000	0.366	0.074	0.001	0.000	0.035	1.190	
	Left Tilt	0.827	0.000	0.237	0.057	0.383	0.048	0.175	0.000	0.000	0.000	0.000	0.000	0.048	1.258	
	Right Cheek	0.890	0.000	0.237	0.057	0.383	0.081	0.000	0.000	0.000	0.000	0.308	0.000	0.041	1.314	
	Right Tilt	0.739	0.000	0.237	0.057	0.383	0.000	0.000	0.000	0.000	0.000	0.339	0.000	0.054	1.175	
	Body-worn & Hotspot	Back	0.706	0.445	0.463	0.415	0.460	0.449	0.444	0.440	0.414	0.285	0.363	0.000	0.084	1.253
	Front	0.401	0.445	0.463	0.415	0.460	0.438	0.000	0.349	0.000	0.065	0.013	0.000	0.000	0.864	
Hotspot	Edge Top	0.781	0.000	0.421	0.341	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	1.202	
	Edge Right	0.390	0.000	0.421	0.341	0.000	0.000	0.000	0.000	0.373	0.000	0.000	0.000	0.000	0.811	
	Edge Bottom	0.951	0.000	0.421	0.341	0.000	0.385	0.000	0.312	0.000	0.024	0.000	0.000	0.000	1.372	
	Edge Left	0.641	0.000	0.421	0.341	0.000	0.374	0.000	0.337	0.000	0.204	0.007	0.000	0.000	1.062	

12.13. WWAN PS2(PCE) & Connectivity & 802.15.4ab

RF Exposure conditions	Test Position	Standalone SAR (W/kg)													Σ 1-g SAR (W/kg)	
		30	39	40	51	52	63	64	87	88	75	76	93	94	30+(39/40/51/52/63/64/87/88/75/76)+(93/94)	WWAN (PCE) + Connectivity + 802.15.4ab
		WWAN (PCE) Pstate 2	Wi-Fi 2.4G Pstate 4 ANT1	Wi-Fi 2.4G Pstate 4 ANT2	Wi-Fi 5/6G Pstate 4 ANT5	Wi-Fi 5/6G Pstate 4 ANT6	BT Pstate 4 ANT1	BT Pstate 4 ANT2	802.15.4 Pstate 4 ANT1	802.15.4 Pstate 4 ANT2	NB UNII Pstate 4 ANT5	NB UNII Pstate 4 ANT6	802.15.4ab ANT 5	802.15.4ab ANT 6		
Head	Left Cheek	0.971	0.000	0.459	0.057	0.383	0.126	0.274	0.000	0.366	0.074	0.001	0.000	0.035	1.464	
	Left Tilt	0.985	0.000	0.237	0.057	0.383	0.048	0.175	0.000	0.000	0.000	0.000	0.000	0.048	1.416	
	Right Cheek	0.977	0.000	0.237	0.057	0.383	0.081	0.000	0.000	0.000	0.000	0.308	0.000	0.041	1.402	
	Right Tilt	0.968	0.000	0.237	0.057	0.383	0.000	0.000	0.000	0.000	0.000	0.339	0.000	0.054	1.404	
Body-worn & Hotspot	Back	0.951	0.445	0.463	0.415	0.460	0.449	0.444	0.440	0.414	0.285	0.363	0.000	0.084	1.498	
	Front	0.787	0.445	0.463	0.415	0.460	0.438	0.000	0.349	0.000	0.065	0.013	0.000	0.000	1.250	
Hotspot	Edge Top	0.989	0.000	0.421	0.341	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	1.411	
	Edge Right	0.980	0.000	0.421	0.341	0.000	0.000	0.000	0.000	0.373	0.000	0.000	0.000	0.000	1.401	
	Edge Bottom	0.988	0.000	0.421	0.341	0.000	0.385	0.000	0.312	0.000	0.024	0.000	0.000	0.000	1.409	
	Edge Left	0.990	0.000	0.421	0.341	0.000	0.374	0.000	0.337	0.000	0.204	0.007	0.000	0.000	1.411	

12.14. WWAN PS2(CBE) & Connectivity & 802.15.4ab

RF Exposure conditions	Test Position	Standalone SAR (W/kg)													Σ 1-g SAR (W/kg)	
		32	39	40	51	52	63	64	87	88	75	76	93	94	30+(39/40/51/52/63/64/87/88/75/76)+(93/94)	WWAN (CBE) + Connectivity + 802.15.4ab
		WWAN (CBE) Pstate 2	Wi-Fi 2.4G Pstate 4 ANT1	Wi-Fi 2.4G Pstate 4 ANT2	Wi-Fi 5/6G Pstate 4 ANT5	Wi-Fi 5/6G Pstate 4 ANT6	BT Pstate 4 ANT1	BT Pstate 4 ANT2	802.15.4 Pstate 4 ANT1	802.15.4 Pstate 4 ANT2	NB UNII Pstate 4 ANT5	NB UNII Pstate 4 ANT6	802.15.4ab ANT 5	802.15.4ab ANT 6		
Head	Left Cheek	0.872	0.000	0.459	0.057	0.383	0.126	0.274	0.000	0.366	0.074	0.001	0.000	0.035	1.365	
	Left Tilt	0.519	0.000	0.237	0.057	0.383	0.048	0.175	0.000	0.000	0.000	0.000	0.048	0.950		
	Right Cheek	0.989	0.000	0.237	0.057	0.383	0.081	0.000	0.000	0.000	0.000	0.308	0.000	0.041	1.414	
	Right Tilt	0.949	0.000	0.237	0.057	0.383	0.000	0.000	0.000	0.000	0.000	0.339	0.000	0.054	1.385	
Body-worn & Hotspot	Back	0.952	0.445	0.463	0.415	0.460	0.449	0.444	0.440	0.414	0.285	0.363	0.000	0.084	1.499	
	Front	0.459	0.445	0.463	0.415	0.460	0.438	0.000	0.349	0.000	0.065	0.013	0.000	0.000	0.923	
Hotspot	Edge Top	0.503	0.000	0.421	0.341	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.924	
	Edge Right	0.989	0.000	0.421	0.341	0.000	0.000	0.000	0.000	0.373	0.000	0.000	0.000	0.000	1.410	
	Edge Bottom	0.431	0.000	0.421	0.341	0.000	0.385	0.000	0.312	0.000	0.024	0.000	0.000	0.000	0.852	
	Edge Left	0.987	0.000	0.421	0.341	0.000	0.374	0.000	0.337	0.000	0.204	0.007	0.000	0.000	1.408	

12.15. MSS (TNE) & NFC

RF Exposure conditions	Standalone SAR (W/kg)		Σ 10-g SAR (W/kg)
	MSS	NFC	MSS + NFC
Extremity	2.882	0.017	2.899

Appendixes

Refer to separated files for the following appendixes.

Appendix A: SAR/PD Setup Photos

Appendix B: SAR/PD System Check Plots

Appendix C: SAR/PD Highest Test Plots

Appendix D: Tissue Ingredients

Appendix E: Probe Certificates

Appendix F: Dipole Certificates

END OF REPORT