SAR EVALUATION REPORT

IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8440A
Model Name: A3105

Report Number: 14523772-S1V4
Issue Date: 8/23/2023

Prepared for
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CERT #0751.05

Revision History

Rev.	Date	Revisions	Revised By
V1	8/9/2023	Initial Issue	--
V2	8/11/2023	Section 9.7: Updated test channel and Max output power Section 9.8: Updated Max output power	Coltyce Sanders
V3	8/17/2023	Section 6 & 9: Updated note	Coltyce Sanders
V4	8/23/2023	Section 4.3: Updated Test Equipment Section 8.1 & 8.2: Updated table Section 10.46: Added Table Appendix A: Added test configuration. Appendix B & C: Added plots	Coltyce Sanders

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1. Attestation of Test Results

Applicant Name		APPLE INC.						
FCC ID		BCG-E8440A						
Model Name		A3105						
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)						
		TNE	PCE	CBE	DTS	NII	DSS	DXX
Head		0.775	0.940	0.927	1.092	0.776	0.712	N/A
Body-worn (Dist.= 5 mm)		0.938	0.947	0.949	0.924	1.107	0.890	N/A
Hotspot (Dist.= 5 mm)		0.938	0.947	0.949	1.132	1.107	0.917	N/A
Extremities (Dist.= 0 mm)		N/A	N/A	N/A	N/A	N/A	N/A	0.006
Simultaneous TX	Head	1.231	1.393	1.383	1.393	1.393	1.375	N/A
	Body-worn	1.451	1.460	1.462	1.423	1.462	1.462	N/A
	Hotspot	1.451	1.460	1.462	1.423	1.462	1.462	N/A
Date Tested		6/21/2023 to 8/23/2023						
Test Results		Pass						

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.

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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:

- 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

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)

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 19

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

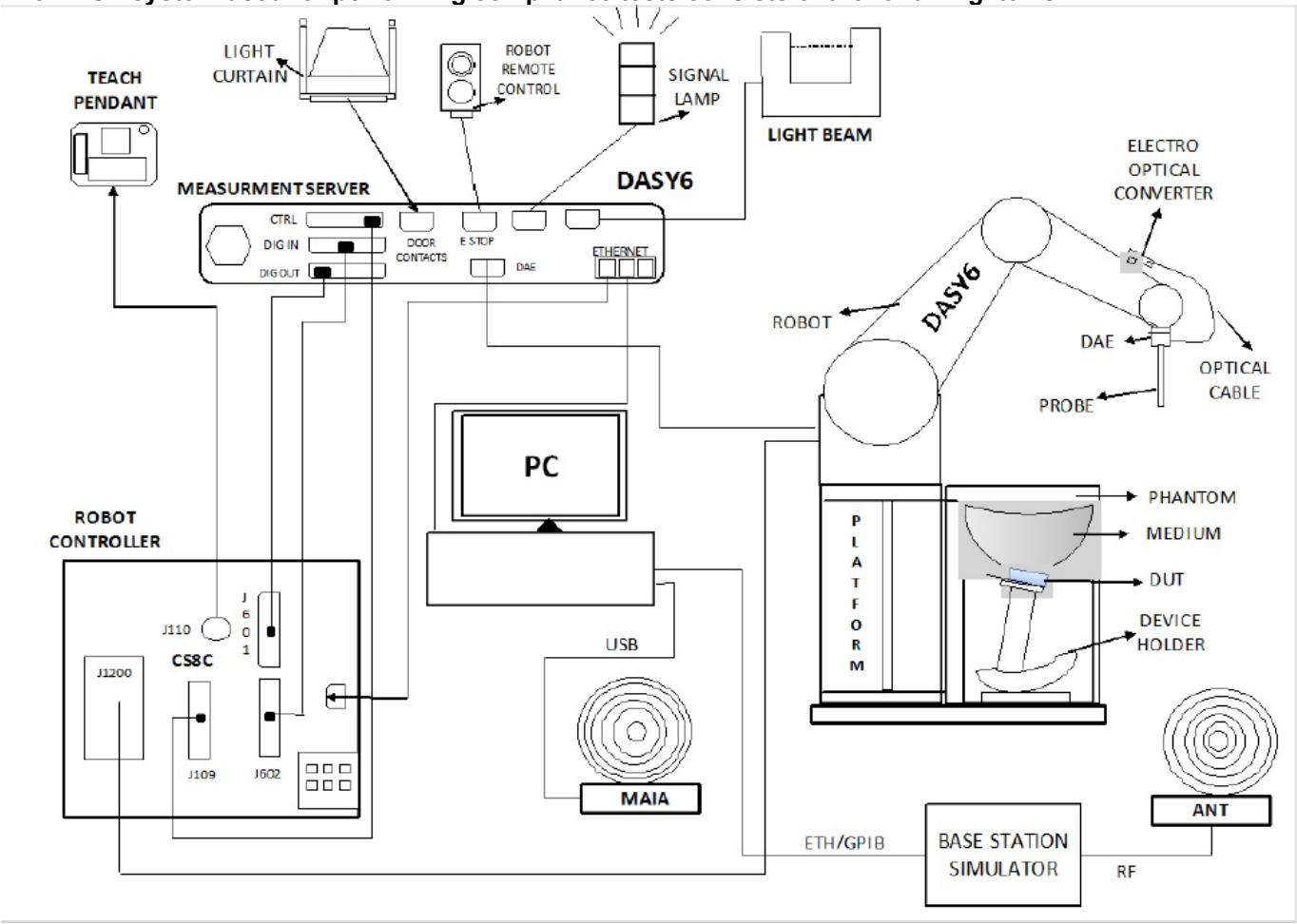
The Test Lab Conformity Assessment Body Identifier (CABID)

Location	CABID	Company Number
47173 Benicia Street, Fremont, CA, 94538 UNITED STATES	US0104	2324A
47266 Benicia Street, Fremont, CA, 94538 UNITED STATES		22541

4. SAR Measurement System & Test Equipment

4.1. 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 DASY6/8[1] 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.

4.2. 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	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area}, Δy_{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 ≤ 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: Δx_{Zoom}, Δy_{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: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
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 *reported* SAR from the *area scan based 1-g SAR estimation* 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.

4.3. 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
Vector Network Analyzer	ROHDE & SCHWARZ	ZNLE6	101274-mn	2/19/2024
Dielectric Probe kit	SPEAG	DAK-3.5	1103	2/28/2024
Shorting Block	SPEAG	DAK-1.2/3.5 Short	SM DAK 200 BA	2/28/2024
Thermometer	Fisher Scientific	Traceable	122529162	8/9/2023
Vector Network Analyzer	ROHDE & SCHWARZ	ZNLE6	101273-VA	2/19/2024
Dielectric Probe kit	SPEAG	DAK-3.5	1082	9/19/2023
Dielectric Probe kit	SPEAG	DAK-12	1128	1/16/2024
Shorting Block	SPEAG	DAK-1.2/3.5 Short	SM DAK 200 BA	9/19/2023
Shorting Block	SPEAG	DAK-12 Short	SM DAK 220 AC	1/16/2024
Thermometer	Fisher Scientific	Traceable	140493798	4/30/2024
Vector Network Analyzer	Copper Mountain Tech	R140N	21130078	4/30/2024
Dielectric Probe kit	SPEAG	DAK-3.5	1087	11/17/2023
Shorting Block	SPEAG	DAK-1.2/3.5 Short	SM DAK 200 BA	11/17/2023
Thermometer	Fisher Scientific	Traceable	170064398	4/10/2024

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
MXG Analog Signal Generator	Agilent	N5181A	MY50140610	1/31/2024
Power Meter	HP	437B	3125U11364	1/31/2024
Power Meter	HP	437B	3125U11347	1/31/2024
Power Sensor	HP	8481A	3318A92374	1/31/2024
Power Sensor	HP	8481A	1926A27049	1/31/2024
Amplifier	Miteq	AMF-4D-00400600-50-30P	1795093	N/A
Bi-directional coupler	Werlatone	C8060-102	2711	N/A
DC Power Supply	Sorensen	XT 15-4	1802A01877	N/A
MXG Analog Signal Generator	Agilent	N5181A	MY50140630	1/31/2024
Power Meter	Keysight	N1912A	MY55196004	1/31/2024
Power Sensor	Agilent	N1921A	MY53260010	1/31/2024
Power Sensor	Agilent	N1921A	MY52260009	1/31/2024
Amplifier	Miteq	AMF-4D-00400600-50-30P	1795092	N/A
Bi-directional coupler	Werlatone	C8060-102	2149	N/A
DC Power Supply	Sorensen	XT 15-4	PRE0178948	N/A
Signal Genarator	R&S	SMB 100A	171706	2/29/2024
Power Meter	Keysight	N1912A	MY55196007	1/31/2024
Power Sensor	Agilent	N1921A	MY53020038	1/31/2024
Power Sensor	R&S	NRP18A	171503	2/29/2024
Bi-directional coupler	Werlatone	C8060-102	4054	N/A
Signal Genarator	R&S	SMB 100A	171705	2/29/2024
Power Meter	HP	437B	3125U09248	1/31/2024
Power Sensor	HP	8481A	2237A31744	1/31/2024
Power Sensor	R&S	NRP8S	199180	2/29/2024
Bi-directional coupler	Werlatone	C8060-102	2710	N/A
Signal Genarator	R&S	SMB 100A	171705	2/29/2024
Power Meter	HP	437B	3125U09248	1/31/2024
Power Sensor	R&S	NRP18A	171443	2/292024
Power Sensor	Agilent	8481A	2237A31744	1/26/2024
Bi-directional coupler	Werlatone	C8060-102	2710	N/A

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab A)	SPEAG	EX3DV4	3772	2/13/2024
E-Field Probe (SAR Lab B)	SPEAG	EX3DV4	3773	2/13/2024
E-Field Probe (SAR Lab D)	SPEAG	EX3DV4	7587	4/18/2024
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	7501	4/3/2024
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	3929	4/26/2024
E-Field Probe (SAR Lab F)	SPEAG	EX3DV4	7585	4/18/2024
E-Field Probe (SAR Lab H)	SPEAG	EX3DV4	3902	3/17/2024
E-Field Probe (SAR Lab I)	SPEAG	EX3DV4	7810	4/25/2024
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	3749	1/27/2024
E-Field Probe (SAR Lab 2)	SPEAG	EX3DV4	3989	1/26/2024
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	7569	4/18/2024
E-Field Probe (SAR Lab 5)	SPEAG	EX3DV4	3991	9/22/2023
E-Field Probe (SAR Lab 7)	SPEAG	EX3DV4	7806	4/4/2024
E-Field Probe (SAR Lab 8)	SPEAG	EX3DV4	7807	4/11/2024
E-Field Probe (SAR Lab 9)	SPEAG	EX3DV4	7589	4/18/2024
E-Field Probe (SAR Lab 10)	SPEAG	EX3DV4	7448	2/14/2024
E-Field Probe (SAR Lab 12)	SPEAG	EX3DV4	7808	4/18/2024
E-Field Probe (SAR Lab 13)	SPEAG	EX3DV4	3990	2/17/2024
E-Field Probe (SAR Lab 15)	SPEAG	EX3DV4	3885	9/20/2023
E-Field Probe (SAR Lab 16)	SPEAG	EX3DV4	7482	4/18/2024
E-Field Probe (SAR Lab 17)	SPEAG	EX3DV4	7335	1/26/2024
E-Field Probe (SAR Lab 18)	SPEAG	EX3DV4	7463	4/19/2024
E-Field Probe (SAR Lab 19)	SPEAG	EX3DV4	7356	3/17/2024

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Data Acquisition Electronics (SAR Lab A)	SPEAG	DAE4	1359	1/24/2024
Data Acquisition Electronics (SAR Lab B)	SPEAG	DAE4	1258	3/16/2024
Data Acquisition Electronics (SAR Lab D)	SPEAG	DAE4	1239	3/16/2024
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1546	3/13/2024
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1675	5/11/2024
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1797	4/3/2024
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1259	3/13/2024
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1434	6/13/2024
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1439	3/16/2024
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1797	4/3/2024
Data Acquisition Electronics (SAR Lab I)	SPEAG	DAE4	1797	4/3/2024
Data Acquisition Electronics (SAR Lab I)	SPEAG	DAE4	1439	3/16/2024
Data Acquisition Electronics (SAR Lab 1)	SPEAG	DAE4	1357	1/27/2024
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4	1257	9/20/2023
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4	1547	4/18/2024
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1547	4/18/2024
Data Acquisition Electronics (SAR Lab 5)	SPEAG	DAE4	1674	5/11/2024
Data Acquisition Electronics (SAR Lab 7)	SPEAG	DAE4	1784	4/3/2024
Data Acquisition Electronics (SAR Lab 8)	SPEAG	DAE4	1799	4/4/2024
Data Acquisition Electronics (SAR Lab 9)	SPEAG	DAE4	1544	1/24/2024
Data Acquisition Electronics (SAR Lab 10)	SPEAG	DAE4	1472	1/23/2024
Data Acquisition Electronics (SAR Lab 12)	SPEAG	DAE4	1796	4/3/2024
Data Acquisition Electronics (SAR Lab 13)	SPEAG	DAE4	1545	2/14/2024
Data Acquisition Electronics (SAR Lab 15)	SPEAG	DAE4	1548	2/14/2024
Data Acquisition Electronics (SAR Lab 16)	SPEAG	DAE4	1380	2/14/2024
Data Acquisition Electronics (SAR Lab 17)	SPEAG	DAE4	1619	4/18/2024
Data Acquisition Electronics (SAR Lab 18)	SPEAG	DAE4	1673	5/12/2024
Data Acquisition Electronics (SAR Lab 19)	SPEAG	DAE4	1798	5/2/2024
Thermometer	TRACEABLE	6530CC	170361	2/29/2024
Thermometer	TRACEABLE	6530CC	155512	2/29/2024
Thermometer	TRACEABLE	6530CC	174046	2/29/2024
Thermometer	TRACEABLE	6530CC	168571	2/29/2024
Thermometer	TRACEABLE	6530CC	155354	2/29/2024
Thermometer	TRACEABLE	6530CC	174045	2/29/2024
Thermometer	TRACEABLE	6530CC	175732	2/29/2024
Thermometer	TRACEABLE	6530CC	168576	2/29/2024
Thermometer	TRACEABLE	6530CC	168575	2/29/2024

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
System Validation Dipole	SPEAG	D750V3	1019	4/13/2024
System Validation Dipole	SPEAG	D835V2	4d002	11/24/2023
System Validation Dipole*	SPEAG	D1640V2	334	3/25/2023
System Validation Dipole	SPEAG	D1750V2	1050	4/19/2024
System Validation Dipole	SPEAG	D1750V2	1053	10/17/2023
System Validation Dipole	SPEAG	D1900V2	5d140	4/14/2024
System Validation Dipole	SPEAG	D1900V2	5d163	10/28/2023
System Validation Dipole	SPEAG	D2300V2	1002	4/11/2024
System Validation Dipole	SPEAG	D2300V2	1058	10/18/2023
System Validation Dipole	SPEAG	D2450V2	706	1/20/2024
System Validation Dipole	SPEAG	D2450V2	899	4/18/2024
System Validation Dipole	SPEAG	D2600V2	1036	4/11/2024
System Validation Dipole	SPEAG	D3500V2	1011	4/17/2024
System Validation Dipole	SPEAG	D3500V2	1060	2/7/2024
System Validation Dipole	SPEAG	D3700V2	1110	11/30/2023
System Validation Dipole	SPEAG	D3900V2	1093	9/28/2023
System Validation Dipole	SPEAG	D5GHzV2	1138	2/3/2024
System Validation Dipole	SPEAG	D5GHzV2	1168	11/23/2023
System Validation Dipole	SPEAG	D5GHzV2	1003	2/22/2024
System Validation Dipole	SPEAG	CLA13	1008	1/12/2024

Note(s):

*Dipole Calibration Date has been extended past 1 year. Impedance measurements have been performed to validate Dipole performance. Refer to Appendix K for Dipole Impedance measurements.

Other

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Power Meter	Keysight	N1911A	MY55196015	1/31/2024
Power Sensor	Agilent	N1921A	MY52270022	1/31/2024
Wideband Radio Communication Tester	R&S	CMW500	80580	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85780	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	208643	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	208049	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	81849	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85781	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85719	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	208880	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85348	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	159994	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	135602	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	209235	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85806	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85698	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	86119	2/29/2024

Note(s):

*Equipment not used past calibration due date.

5. Measurement Uncertainty

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 ≤ 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.

6. Device Under Test (DUT) Information

6.1. DUT Description

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, UMTS, LTE, 5GNR1, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Ultra-Wideband (UWB), GPS, NFC, NB UNII, 802.15.4, 802.15.4ab-NB and MSS technologies. All models except reference model support at least one UICC based SIM. The second SIM is either an UICC based p-SIM (physical SIM) or e-SIM (electronic SIM). The device supports a built-in inductive charging transmitter and receiver. The rechargeable battery is not user accessible.

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

The device utilizes two power modes: Mode A(DSI=0) and Mode B(DSI=1). Power selection is determined by the device's positioning and use case as described in Sec. 10. Mode A power is used when the device is used against the user's head. Mode B is used when the device is used in a body-worn configuration by the user.

The WWAN transmit antenna switching mechanism between WWAN antennas is implemented with a physical "break-before-make" switch so that only one antenna can be used for WWAN transmission at one time.

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.

BCM4388 has 2 vendors. The Wi-Fi/BT radio modules have the same mechanical outline (e.g., the same package dimension and pin-out layout), use the same on-board antenna matching circuit, have an identical antenna structure, and are built and tested to conform to the same specifications and to operate within the same tolerances. Baseline testing was performed on the variants to determine the worst case on all conducted power and radiated emissions.

This product utilizes a time-averaged power control mechanism – Wi-Fi Time-Averaged SAR(TAS) within the Wi-Fi chipset – that ensures total power across all Wi-Fi transmitters does not exceed applicable regulatory limits. For further details, refer to the technical description document and Appendix I.

Device Dimension	Refer to Appendix A
Back Cover	The Back Cover is not removable
Battery Options	The rechargeable battery is not user accessible.
Accessory	Headset
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)
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		Duty Cycle used for SAR testing
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EDGE (8PSK)	GSM Class : B Multi-Slot Class: Class 10 - 2 Up, 4 Down	GSM Voice: 12.5% (E)GPRS: 1 Slot: 12.5% 2 Slots: 25%
		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) DC-HSDPA (Rel. 8)		100%
LTE[4]	FDD Band 2 FDD Band 4 FDD Band 5 FDD Band 7 FDD Band 12 FDD Band 13 FDD Band 14 FDD Band 17 FDD Band 25 FDD Band 26 FDD Band 29 (DL Only) FDD Band 30 TDD Band 41[2] TDD Band 46 (DL Only) TDD Band 48 TDD Band 53 FDD Band 66 FDD Band 71 **Carrier Aggregation**[3] FDD Band 5B FDD Band 7C TDD Band 41C TDD Band 48C	QPSK 16QAM 64AQM 256QAM Carrier Aggregation (2 Uplinks and 6 Downlinks)		100% (FDD) 63.3% (TDD) Power Class 3 43.3% (TDD) Power Class 2 Refer to §6.4
5G NR (FR1)	FDD band n2 FDD band n5 FDD band n7 FDD band n12 FDD band n14 FDD band n25 FDD band n26 FDD band n29 (DL Only) FDD band n30 TDD Band n41[2] TDD Band n48 TDD Band n53 FDD Band n66 FDD Band n70 FDD Band n71 TDD Band n77[2]	DFT-s-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM		100% (FDD) 100% (TDD) Power Class 3 50% (TDD) Power Class 2
Wi-Fi	2.4 GHz[1]	802.11b 802.11g 802.11n (HT20) 802.11ac (HT20) 802.11ax (HE20)		99.84% (802.11b)
	5 GHz[1]	802.11a 802.11n (HT20) 802.11n (HT40) 802.11ac (VHT20) 802.11ac (VHT40)		98.95% (802.11a/n/ac/ax 20MHz BW) 97.64% (802.11n/ac/ax 40MHz BW) 94.93% (802.11ac/ax 80MHz BW) 92.06% (802.11ac/ax 160MHz BW)

		802.11ac (VHT80) 802.11ax (HE20) 802.11ax (HE40) 802.11ax (HE80)	
		Does this device support bands 5.60 ~ 5.65 GHz? ☒ Yes ☐ No	
		Does this device support Band gap channel(s)? ☒ Yes ☐ No	
	6E [1]	802.11a 802.11ax (HE20) 802.11ax (HE40) 802.11ax (HE80) 802.11ax (HE160)	98.95% (802.11a/ax 20MHz BW) 98.66% (802.11ax 40MHz BW) 98.24% (802.11ax 80MHz BW) 92.06% (802.11ax 160MHz BW)
Bluetooth	2.4 GHz [1]	BR, EDR, LE, and HDR	76.99%(GFSK)
NB UNII	5150 – 5250 MHz 5725 – 5850 MHz	GFSK, π/4 DQPSK	76.73%
MSS	1.6 GHz	BPSK	100%
802.15.4	2405 – 2475 MHz	O-QPSK	60%
802.15.4ab-NB	5726.25 – 5848.75 MHz	O-QPSK	10%
NFC	13.56 MHz	Type A/B/F and ISO15693	100%
UWB[5] (Ultra-Wideband)	6.5 GHz and 8 GHz	BPM-BPSK	100%

Notes:

1. Refer to Section 9 for respective Duty Cycle Plots.
2. This device supports Power Class 2 and Power Class 3.
3. LTE Uplink 2CA is the total combined power of the UL CA.
4. LTE Uplink Cat 18, LTE 3GPP Rel-16.
5. Exposure testing is categorically excluded.

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/		

					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	5 MHz	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 either ANT1, ANT2, ANT3, ANT4, ANT7, ANT8, and ANT9 Antenna switching is implemented using a physical, "break-before-make" switch so that only one antenna can be used for LTE transmission at a time.						
Maximum power reduction (MPR)	**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

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

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:

1. 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.
2. LTE band 41 test channels in accordance with October 2014 TCB workshop for all channels bandwidths.
3. 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	$26336 \cdot T_s$			$7680 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$		
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. The configuration with highest duty cycle was used for SAR Testing: configuration 0 at 63.3% duty cycle.

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

n2	SCS (kHz)	Frequency range: 1850 - 1910 MHz (BW = 60 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										372000 /1860	371500 /1857.5	371000 /1855	370500 /1852.5
Mid	15										376000 /1880	376000 /1880	376000 /1880	376000 /1880
High	15										380000 /1900	380500 /1902.5	381000 /1905	381500 /1907.5
n5	SCS (kHz)	Frequency range: 824 - 849 MHz (BW = 25 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										166800 /834	166300 /831.5	165800 /829	165300 /826.5
Mid	15										167300 /836.5	167300 /836.5	167300 /836.5	167300 /836.5
High	15										167800 /839	168300 /841.5	168800 /844	169300 /846.5
n7	SCS (kHz)	Frequency range: 2500 - 2570 MHz (BW = 70 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							504000 /2520	503000 /2515	502500 /2512.5	502000 /2510	501500 /2507.5	501000 /2505	500500 /2502.5
Mid	15							507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535
High	15							510000 /2550	511000 /2555	511500 /2557.5	512000 /2560	512500 /2562.5	513000 /2565	513500 /2567.5
n12	SCS (kHz)	Frequency range: 699 - 716 MHz (BW = 17 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15											141300 /706.5	140800 /704	140300 /701.5
Mid	15											141500 /707.5	141500 /707.5	141500 /707.5
High	15											141700 /708.5	142200 /711	142700 /713.5
n14	SCS (kHz)	Frequency range: 788 - 798 MHz (BW = 10 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15												158600 /793	158100 /790.5
Mid	15												158600 /793	158600 /793
High	15												158600 /793	159100 /795.5
n25	SCS (kHz)	Frequency range: 1850 - 1915 MHz (BW = 65 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							374000 /1870	373000 /1865	372500 /1862.5	372000 /1860	371500 /1857.5	371000 /1855	370500 /1852.5
Mid	15							376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5
High	15							379000 /1895	380000 /1900	380500 /1902.5	381000 /1905	381500 /1907.5	382000 /1910	382500 /1912.5
n26	SCS (kHz)	Frequency range: 814 - 849 MHz (BW = 35 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										164800 /824	164300 /821.5	163800 /819	163300 /816.5
Mid	15										166300 /831.5	166300 /831.5	166300 /831.5	166300 /831.5
High	15										167800 /839	168300 /841.5	168800 /844	169300 /846.5
n30	SCS (kHz)	Frequency range: 2305 - 2315 MHz (BW = 10 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15													461500 /2307.5
Mid	15												462000 /2310	462000 /2310
High	15													462500 /2312.5
n41	SCS (kHz)	Frequency range: 2496 - 2690 MHz (BW = 194 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	509196 /2545.98	508200 /2541	507198 /2535.99	506196 /2530.98	505200 /2526	504198 /2520.99	503196 /2515.98	502200 /2511		501198 /2505.99			
Low -Mid	30	513900 /2569.5	513396 /2566.98	512898 /2564.49	512400 /2562	511896 /2559.48	511398 /2556.99	510900 /2554.5	510396 /2551.98		509898 /2549.49			
Mid	30	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99		518598 /2592.99			
Mid-High	30	523296 /2616.48	523800 /2619	524298 /2621.49	524796 /2623.98	525300 /2626.5	525798 /2628.99	526296 /2631.48	526800 /2634		527298 /2636.49			
High	30	527994 /2639.97	528996 /2644.98	529998 /2649.99	530994 /2654.97	531996 /2659.98	532998 /2664.99	533994 /2669.97	534996 /2674.98		535998 /2679.99			

n48	SCS (kHz)	Frequency range: 3550 - 3700 MHz (BW = 150 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	640000 /3600	639666 /3594.99	639332 /3589.98		638666 /3579.99	638332 /3574.98	638000 /3570	637332 /3564.99		637332 /3559.98	637166 /3557.49	637000 /3555	
Low-Mid	30	641110 /3616.65	641000 /3615	640888 /3613.32		640666 /3609.99	640554 /3608.31	640444 /3606.66	640332 /3604.98		640222 /3603.33	640166 /3602.49	640110 /3601.65	
Mid	30	642220 /3633.3	642332 /3634.98	642444 /3636.66		642666 /3639.99	642776 /3641.64	642888 /3643.32	642998 /3644.97		643110 /3646.65	643166 /3647.49	643220 /3648.3	
High	30	643332 /3649.98	643666 /3654.99	643998 /3659.97		644666 /3669.99	644998 /3674.97	645332 /3679.98	645666 /3684.99		645998 /3689.97	646166 /3692.49	646332 /3694.98	

n53	SCS (kHz)	Frequency range: 2483.5 - 2495 MHz (BW = 11.5 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30												497700 /2488.5	
Mid	30												497860 /2489.3	
High	30												498000 /2490	

n66	SCS (kHz)	Frequency range: 1710 - 1780 MHz (BW = 70 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							346000 /1730	345000 /1725		344000 /1720	343500 /1717.5	343000 /1715	342500 /1712.5
Mid	15							349000 /1745	349000 /1745		349000 /1745	349000 /1745	349000 /1745	349000 /1745
High	15							352000 /1760	353000 /1765		354000 /1770	354500 /1772.5	355000 /1775	355500 /1777.5

n70	SCS (kHz)	Frequency range: 1695 - 1710 MHz (BW = 15 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15											340500 /1702.5	340000 /1700	339500 /1697.5
Mid	15											340500 /1702.5	340500 /1702.5	340500 /1702.5
High	15											340500 /1702.5	341000 /1705	341500 /1707.5

n71	SCS (kHz)	Frequency range: 663 - 698 MHz (BW = 35 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										134600 /673	134100 /670.5	133600 /668	133100 /665.5
Mid	15										136100 /680.5	136100 /680.5	136100 /680.5	136100 /680.5
High	15										137600 /688	138100 /690.5	138600 /693	139100 /695.5

n77	SCS (kHz)	Block A Frequency range: 3450 - 3550 MHz (BW = 100 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	633332 /3499.98	633000 /3495	632666 /3489.99	632332 /3484.98	632000 /3480	631666 /3474.99	631332 /3469.98	631000 /3465		630666 /3459.99	630500 /3457.5	630332 /3454.98	
Mid	30	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98		633332 /3499.98	633332 /3499.98	633332 /3499.98	
High	30	633332 /3499.98	633666 /3504.99	633998 /3509.97	634332 /3514.98	634666 /3519.99	634998 /3524.97	635332 /3529.98	635666 /3534.99		635998 /3539.97	636166 /3542.49	636332 /3544.98	

n77	SCS (kHz)	Block C Frequency range: 3700 - 3980 MHz (BW = 280 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	649998 /3749.97	649666 /3744.99	649332 /3739.98	648998 /3734.97	648666 /3729.99	648332 /3724.98	647998 /3719.97	647666 /3714.99		647332 /3709.98	647166 /3707.49	646998 /3704.97	
Low-Mid	30	652998 /3794.97	652832 /3792.48	652666 /3789.99	652498 /3787.47	652332 /3784.98	652166 /3782.49	651998 /3779.97	651832 /3777.48		651666 /3774.99	651582 /3773.73	651498 /3772.47	
Mid	30	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840		656000 /3840	656000 /3840	656000 /3840	
Mid-High	30	658998 /3884.97	659166 /3887.49	659332 /3889.98	659498 /3892.47	659666 /3894.99	659832 /3897.48	659998 /3899.97	660166 /3902.49		660332 /3904.98	660416 /3906.24	660498 /3907.47	
High	30	661998 /3929.97	662332 /3934.98	662666 /3939.99	662998 /3944.97	663332 /3949.98	663666 /3954.99	663998 /3959.97	664332 /3964.98		664666 /3969.99	664832 /3972.48	664998 /3974.97	

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 5/12/13/14/48/66

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 2/5/7/12/13/14/30/41/66/71

Notes:

1. 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.
2. 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.
3. FR1 supported standalone.

6.6. Time-Average Feature

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_{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 14523772-S4 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 MSS (L-Band)	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 B2/4/5/7/12/13/14/17/25/26/30/41/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n66/n70/n71 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	Yes	Yes	Yes	Yes	No	No
ANT5	Wi-Fi 5GHz/6E 802.15.4ab-NB NB UNII	Yes	Yes	No	No	Yes	Yes
ANT6	Wi-Fi 5GHz/6E 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	No	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. The Body-worn minimum separation distance is 15 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. Dielectric Property Measurements

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within ± 2°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 dielectric constant (εr) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within ± 5% of the required target values; but for SAR measurement systems that have implemented the SAR error compensation algorithms documented in IEEE Std 1528-2013, to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, the tolerance for εr and σ may be relaxed to ± 10%. This is limited to frequencies ≤ 3 GHz.

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

Dielectric Property Measurements

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
A	6/25/2023	2450	Head	2450	37.50	39.2	-4.34%	1.79	1.80	-0.33%
				2400	37.54	39.3	-4.47%	1.76	1.75	0.53%
				2500	37.39	39.1	-4.46%	1.83	1.85	-1.51%
A	6/29/2023	2450	Head	2450	37.67	39.2	-3.90%	1.85	1.80	2.67%
				2400	37.79	39.3	-3.83%	1.80	1.75	2.93%
				2500	37.57	39.1	-4.00%	1.88	1.85	1.62%
A	7/2/2023	2450	Head	2450	37.36	39.2	-4.69%	1.78	1.80	-1.33%
				2400	37.41	39.3	-4.80%	1.74	1.75	-0.61%
				2500	37.22	39.1	-4.90%	1.81	1.85	-2.21%
A	7/6/2023	2450	Head	2450	37.49	39.2	-4.36%	1.80	1.80	-0.11%
				2400	37.53	39.3	-4.50%	1.77	1.75	0.88%
				2500	37.40	39.1	-4.44%	1.83	1.85	-1.30%
A	7/9/2023	2450	Head	2450	37.85	39.2	-3.44%	1.80	1.80	0.22%
				2400	37.90	39.3	-3.55%	1.77	1.75	0.76%
				2500	37.74	39.1	-3.57%	1.84	1.85	-0.76%
A	7/13/2023	2450	Head	2450	37.33	39.2	-4.77%	1.88	1.80	4.28%
				2400	37.35	39.3	-4.95%	1.83	1.75	4.59%
				2500	37.23	39.1	-4.87%	1.92	1.85	3.56%
A	7/16/2023	2450	Head	2450	37.59	39.2	-4.11%	1.81	1.80	0.78%
				2400	37.63	39.3	-4.24%	1.79	1.75	2.19%
				2500	37.42	39.1	-4.39%	1.86	1.85	0.54%
A	7/20/2023	2450	Head	2450	37.48	39.2	-4.39%	1.83	1.80	1.78%
				2400	37.51	39.3	-4.55%	1.80	1.75	2.47%
				2500	37.35	39.1	-4.57%	1.87	1.85	0.86%
A	7/23/2023	2450	Head	2450	40.42	39.2	3.11%	1.83	1.80	1.39%
				2400	40.49	39.3	3.04%	1.79	1.75	2.42%
				2500	40.30	39.1	2.97%	1.86	1.85	0.16%
A	7/27/2023	2450	Head	2450	37.97	39.2	-3.14%	1.82	1.80	0.89%
				2400	37.99	39.3	-3.33%	1.79	1.75	1.96%
				2500	37.85	39.1	-3.29%	1.85	1.85	-0.11%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
B	6/25/2023	5250	Head	5250	35.28	35.9	-1.82%	4.66	4.70	-1.00%
				5150	35.26	36.0	-2.18%	4.49	4.60	-2.45%
				5350	35.11	35.8	-1.98%	4.79	4.80	-0.28%
B	7/2/2023	5250	Head	5250	36.22	35.9	0.80%	4.58	4.70	-2.53%
				5150	36.44	36.0	1.09%	4.40	4.60	-4.28%
				5350	36.11	35.8	0.81%	4.70	4.80	-2.26%
B	7/6/2023	5250	Head	5250	34.47	35.9	-4.07%	4.56	4.70	-3.11%
				5150	34.63	36.0	-3.93%	4.44	4.60	-3.45%
				5350	34.33	35.8	-4.16%	4.67	4.80	-2.80%
B	7/9/2023	5250	Head	5250	35.56	35.9	-1.04%	4.53	4.70	-3.66%
				5150	35.61	36.0	-1.21%	4.37	4.60	-4.95%
				5350	35.39	35.8	-1.20%	4.65	4.80	-3.26%
B	7/13/2023	5250	Head	5250	34.49	35.9	-4.02%	4.54	4.70	-3.53%
				5150	34.66	36.0	-3.85%	4.42	4.60	-3.89%
				5350	34.30	35.8	-4.24%	4.65	4.80	-3.24%
B	7/19/2023	5250	Head	5250	35.19	35.9	-2.07%	4.51	4.70	-4.13%
				5150	35.35	36.0	-1.93%	4.40	4.60	-4.37%
				5350	35.03	35.8	-2.20%	4.61	4.80	-4.03%
B	7/23/2023	5250	Head	5250	37.13	35.9	3.33%	4.85	4.70	3.21%
				5150	37.27	36.0	3.39%	4.64	4.60	0.83%
				5350	37.07	35.8	3.49%	5.01	4.80	4.34%
B	7/27/2023	5250	Head	5250	35.86	35.9	-0.20%	4.54	4.70	-3.49%
				5150	36.20	36.0	0.42%	4.40	4.60	-4.28%
				5350	35.83	35.8	0.03%	4.67	4.80	-2.88%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
D	6/29/2023	2450	Head	2450	40.93	39.2	4.41%	1.87	1.80	3.83%
				2400	40.96	39.3	4.23%	1.83	1.75	4.59%
				2500	40.80	39.1	4.25%	1.91	1.85	2.91%
D	7/2/2023	2450	Head	2450	37.59	39.2	-4.11%	1.77	1.80	-1.94%
				2400	37.58	39.3	-4.37%	1.74	1.75	-0.44%
				2500	37.51	39.1	-4.16%	1.79	1.85	-3.62%
D	7/6/2023	2450	Head	2450	39.97	39.2	1.96%	1.75	1.80	-3.06%
				2400	40.02	39.3	1.84%	1.71	1.75	-2.61%
				2500	39.89	39.1	1.92%	1.78	1.85	-3.83%
D	7/9/2023	2450	Head	2450	38.92	39.2	-0.71%	1.74	1.80	-3.39%
				2400	39.00	39.3	-0.76%	1.70	1.75	-2.83%
				2500	38.86	39.1	-0.71%	1.77	1.85	-4.37%
D	7/13/2023	2450	Head	2450	37.69	39.2	-3.85%	1.72	1.80	-4.22%
				2400	37.70	39.3	-4.06%	1.68	1.75	-4.03%
				2500	37.61	39.1	-3.90%	1.76	1.85	-4.91%
D	7/16/2023	2450	Head	2450	38.51	39.2	-1.76%	1.74	1.80	-3.17%
				2400	38.54	39.3	-1.93%	1.71	1.75	-2.61%
				2500	38.36	39.1	-1.99%	1.78	1.85	-3.83%
D	7/19/2023	2450	Head	2450	40.06	39.2	2.19%	1.80	1.80	-0.17%
				2400	40.16	39.3	2.20%	1.76	1.75	0.19%
				2500	39.95	39.1	2.08%	1.84	1.85	-1.03%
D	7/23/2023	2450	Head	2450	40.13	39.2	2.37%	1.75	1.80	-2.89%
				2400	40.16	39.3	2.20%	1.73	1.75	-1.46%
				2500	40.01	39.1	2.23%	1.77	1.85	-4.37%
D	7/27/2023	2450	Head	2450	38.12	39.2	-2.76%	1.73	1.80	-3.83%
				2400	38.20	39.3	-2.79%	1.69	1.75	-3.46%
				2500	38.05	39.1	-2.78%	1.77	1.85	-4.75%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
E	6/25/2023	5250	Head	5250	35.54	35.9	-1.09%	4.53	4.70	-3.64%
				5150	35.66	36.0	-1.07%	4.38	4.60	-4.84%
				5350	35.28	35.8	-1.50%	4.65	4.80	-3.21%
E	6/29/2023	5250	Head	5250	34.54	35.9	-3.88%	4.56	4.70	-3.09%
				5150	34.71	36.0	-3.71%	4.46	4.60	-3.13%
				5350	34.36	35.8	-4.07%	4.66	4.80	-3.09%
E	7/2/2023	5250	Head	5250	36.99	35.9	2.94%	4.68	4.70	-0.43%
				5150	37.36	36.0	3.64%	4.44	4.60	-3.58%
				5350	37.12	35.8	3.63%	4.80	4.80	-0.07%
E	7/6/2023	5250	Head	5250	35.50	35.9	-1.21%	4.66	4.70	-0.81%
				5150	35.71	36.0	-0.94%	4.55	4.60	-1.04%
				5350	35.64	35.8	-0.50%	4.78	4.80	-0.53%
E	7/6/2023	5750	Head	5750	34.60	35.4	-2.16%	5.23	5.21	0.31%
				5700	34.70	35.4	-2.03%	5.17	5.16	0.22%
				5850	34.45	35.3	-2.41%	5.35	5.32	0.47%
E	7/9/2023	5250	Head	5250	34.72	35.9	-3.38%	4.64	4.70	-1.26%
				5150	34.90	36.0	-3.18%	4.53	4.60	-1.52%
				5350	34.54	35.8	-3.57%	4.76	4.80	-1.03%
E	7/16/2023	5250	Head	5250	36.46	35.9	1.47%	4.74	4.70	0.76%
				5150	36.65	36.0	1.67%	4.62	4.60	0.35%
				5350	36.28	35.8	1.29%	4.86	4.80	1.09%
E	7/18/2023	5600	Head	5600	34.53	35.5	-2.83%	4.84	5.06	-4.43%
				5500	34.55	35.6	-3.08%	4.75	4.96	-4.13%
				5725	34.29	35.4	-3.11%	4.94	5.19	-4.84%
E	7/20/2023	5250	Head	5250	36.20	35.9	0.74%	4.71	4.70	0.25%
				5150	36.41	36.0	1.01%	4.60	4.60	-0.04%
				5350	36.01	35.8	0.53%	4.83	4.80	0.55%
E	7/22/2023	5600	Head	5600	35.12	35.5	-1.16%	5.02	5.06	-0.83%
				5500	35.31	35.6	-0.95%	4.92	4.96	-0.87%
				5725	34.88	35.4	-1.44%	5.16	5.19	-0.48%
E	7/22/2023	5250	Head	5250	35.80	35.9	-0.37%	4.66	4.70	-0.90%
				5150	36.00	36.0	-0.13%	4.55	4.60	-1.08%
				5350	35.60	35.8	-0.61%	4.75	4.80	-1.13%
E	7/27/2023	5250	Head	5250	35.55	35.9	-1.07%	4.51	4.70	-4.02%
				5150	35.80	36.0	-0.69%	4.39	4.60	-4.58%
				5350	35.39	35.8	-1.20%	4.65	4.80	-3.13%
E	7/27/2023	5600	Head	5600	35.31	35.5	-0.63%	4.90	5.06	-3.09%
				5500	35.30	35.6	-0.98%	4.81	4.96	-3.00%
				5725	34.96	35.4	-1.22%	5.01	5.19	-3.40%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
F	6/21/2023	5600	Head	5600	34.29	35.5	-3.50%	4.87	5.06	-3.70%
				5500	34.25	35.6	-3.92%	4.80	4.96	-3.19%
				5725	33.96	35.4	-4.04%	4.94	5.19	-4.82%
F	6/25/2023	5600	Head	5600	35.57	35.5	0.10%	4.85	5.06	-4.17%
				5500	35.67	35.6	0.06%	4.77	4.96	-3.83%
				5725	35.36	35.4	-0.09%	4.94	5.19	-4.71%
F	6/29/2023	5600	Head	5600	35.20	35.5	-0.94%	5.16	5.06	1.87%
				5500	35.39	35.6	-0.72%	5.03	4.96	1.49%
				5725	34.95	35.4	-1.25%	5.31	5.19	2.37%
F	7/23/2023	6500	Head	6500	35.60	34.5	3.19%	6.07	6.07	0.00%
				5850	36.50	35.3	3.40%	5.34	5.32	0.38%
				7200	34.20	33.7	1.48%	6.99	6.89	1.45%
F	7/27/2023	2450	Head	2450	38.40	39.2	-2.04%	1.77	1.80	-1.67%
				2400	38.44	39.3	-2.18%	1.73	1.75	-1.06%
				2500	38.25	39.1	-2.27%	1.80	1.85	-2.75%
H	6/25/2023	5750	Head	5750	35.43	35.4	0.19%	5.23	5.21	0.22%
				5700	35.51	35.4	0.25%	5.16	5.16	0.03%
				5850	35.25	35.3	-0.14%	5.34	5.32	0.38%
H	7/3/2023	5600	Head	5600	35.78	35.5	0.69%	4.87	5.06	-3.74%
				5500	35.98	35.6	0.93%	4.78	4.96	-3.57%
				5725	35.62	35.4	0.65%	4.95	5.19	-4.51%
H	7/6/2023	5600	Head	5600	34.58	35.5	-2.68%	4.89	5.06	-3.38%
				5500	34.70	35.6	-2.66%	4.85	4.96	-2.16%
				5725	34.41	35.4	-2.77%	4.95	5.19	-4.59%
H	7/9/2023	5600	Head	5600	35.48	35.5	-0.15%	4.82	5.06	-4.75%
				5500	35.69	35.6	0.12%	4.74	4.96	-4.46%
				5725	35.16	35.4	-0.65%	4.97	5.19	-4.28%
H	7/16/2023	5750	Head	5750	35.11	35.4	-0.71%	5.34	5.21	2.38%
				5700	35.37	35.4	-0.14%	5.11	5.16	-1.02%
				5850	34.80	35.3	-1.42%	5.42	5.32	1.92%
H	7/20/2023	5750	Head	5750	34.00	35.4	-3.85%	5.01	5.21	-3.95%
				5700	34.09	35.4	-3.75%	4.94	5.16	-4.29%
				5850	33.85	35.3	-4.11%	5.12	5.32	-3.85%
H	7/23/2023	5750	Head	5750	35.98	35.4	1.75%	5.08	5.21	-2.64%
				5700	36.15	35.4	2.06%	5.03	5.16	-2.61%
				5850	35.78	35.3	1.36%	5.23	5.32	-1.75%
H	7/27/2023	5750	Head	5750	34.72	35.4	-1.82%	5.22	5.21	0.06%
				5700	34.81	35.4	-1.72%	5.16	5.16	-0.13%
				5850	34.54	35.3	-2.15%	5.33	5.32	0.19%
H	7/28/2023	5250	Head	5250	35.61	35.9	-0.90%	4.51	4.70	-4.11%
				5150	35.78	36.0	-0.74%	4.40	4.60	-4.26%
				5350	35.44	35.8	-1.06%	4.61	4.80	-4.01%
H	7/31/2023	5250	Head	5250	37.59	35.9	4.61%	4.53	4.70	-3.64%
				5150	37.60	36.0	4.31%	4.38	4.60	-4.87%
				5350	37.26	35.8	4.02%	4.68	4.80	-2.59%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
I	6/30/2023	5750	Head	5750	35.66	35.4	0.84%	5.01	5.21	-4.00%
				5700	35.84	35.4	1.19%	4.96	5.16	-3.92%
				5850	35.39	35.3	0.25%	5.12	5.32	-3.72%
I	7/6/2023	5750	Head	5750	34.20	35.4	-3.29%	5.18	5.21	-0.61%
				5700	34.28	35.4	-3.22%	5.12	5.16	-0.77%
				5850	34.01	35.3	-3.65%	5.30	5.32	-0.47%
I	7/9/2023	5750	Head	5750	34.03	35.4	-3.77%	4.96	5.21	-4.83%
				5700	34.11	35.4	-3.70%	4.91	5.16	-4.81%
				5850	33.59	35.3	-4.84%	5.12	5.32	-3.76%
I	7/13/2023	5750	Head	5750	34.32	35.4	-2.95%	5.00	5.21	-4.02%
				5700	34.44	35.4	-2.77%	4.91	5.16	-4.81%
				5850	33.87	35.3	-4.05%	5.13	5.32	-3.67%
I	7/16/2023	5750	Head	5750	34.03	35.4	-3.77%	5.24	5.21	0.58%
				5700	34.28	35.4	-3.22%	5.14	5.16	-0.44%
				5850	33.85	35.3	-4.11%	5.34	5.32	0.32%
I	7/20/2023	5750	Head	5750	33.94	35.4	-4.02%	5.32	5.21	1.94%
				5700	34.03	35.4	-3.92%	5.26	5.16	1.87%
				5850	33.73	35.3	-4.45%	5.43	5.32	2.05%
I	7/23/2023	5750	Head	5750	35.33	35.4	-0.09%	5.19	5.21	-0.38%
				5700	35.47	35.4	0.14%	5.14	5.16	-0.42%
				5850	35.03	35.3	-0.76%	5.33	5.32	0.24%
I	7/27/2023	5750	Head	5750	33.76	35.4	-4.53%	5.21	5.21	-0.01%
				5700	33.84	35.4	-4.46%	5.15	5.16	-0.20%
				5850	33.57	35.3	-4.90%	5.32	5.32	0.08%
I	7/31/2023	2450	Head	2450	40.98	39.2	4.54%	1.80	1.80	0.00%
				2400	41.01	39.3	4.36%	1.77	1.75	0.88%
				2500	40.86	39.1	4.40%	1.84	1.85	-0.97%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
1	6/22/2023	835	Head	835	42.99	41.5	3.59%	0.87	0.90	-3.44%
				805	43.11	41.7	3.43%	0.86	0.90	-4.45%
				850	42.92	41.5	3.42%	0.87	0.92	-4.43%
1	6/25/2023	835	Head	835	42.65	41.5	2.77%	0.87	0.90	-3.20%
				805	42.70	41.7	2.45%	0.86	0.90	-4.27%
				850	42.62	41.5	2.70%	0.88	0.92	-4.26%
1	6/28/2023	2600	Head	2600	40.09	39.0	2.77%	1.90	1.96	-3.37%
				2495	40.28	39.1	2.90%	1.81	1.85	-2.04%
				2690	39.95	38.9	2.71%	1.97	2.06	-4.49%
1	7/2/2023	835	Head	835	40.60	41.5	-2.17%	0.87	0.90	-3.67%
				805	40.68	41.7	-2.40%	0.85	0.90	-4.75%
				850	40.55	41.5	-2.29%	0.87	0.92	-4.68%
1	7/6/2023	835	Head	835	40.73	41.5	-1.86%	0.87	0.90	-3.56%
				805	40.81	41.7	-2.09%	0.86	0.90	-4.55%
				850	40.68	41.5	-1.98%	0.87	0.92	-4.61%
1	7/9/2023	835	Head	835	41.10	41.5	-0.96%	0.87	0.90	-3.48%
				805	41.13	40.4	1.88%	0.86	0.90	-4.70%
				850	41.06	40.3	1.89%	0.87	0.92	-4.43%
1	7/13/2023	835	Head	835	43.56	41.5	4.96%	0.90	0.90	0.08%
				805	43.57	41.7	4.54%	0.89	0.90	-1.07%
				850	43.53	41.5	4.89%	0.90	0.92	-1.80%
1	7/20/2023	2300	Head	2300	38.17	39.5	-3.30%	1.70	1.66	2.12%
				2350	38.08	39.4	-3.31%	1.74	1.71	1.72%
				2400	38.00	39.3	-3.30%	1.77	1.75	1.05%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	6/22/2023	1750	Head	1750	38.50	40.1	-3.95%	1.33	1.37	-3.21%
				1695	38.60	40.2	-3.91%	1.29	1.34	-3.36%
				1755	38.49	40.1	-3.96%	1.33	1.37	-3.19%
2	6/25/2023	1750	Head	1750	41.33	40.1	3.11%	1.31	1.37	-4.38%
				1695	41.22	40.2	2.62%	1.27	1.34	-4.93%
				1755	41.33	40.1	3.13%	1.31	1.37	-4.36%
2	6/25/2023	1640	Head	1640	41.30	40.3	2.59%	1.25	1.31	-4.36%
				1625	41.31	40.3	2.56%	1.25	1.30	-3.73%
				1665	41.25	40.2	2.58%	1.26	1.32	-4.62%
2	6/29/2023	1750	Head	1750	40.72	40.1	1.59%	1.31	1.37	-4.67%
				1695	40.80	40.2	1.57%	1.28	1.34	-4.70%
				1755	40.72	40.1	1.60%	1.31	1.37	-4.65%
2	7/2/2023	1750	Head	1750	40.03	40.1	-0.14%	1.31	1.37	-4.02%
				1695	40.11	40.2	-0.15%	1.28	1.34	-4.11%
				1755	40.02	40.1	-0.14%	1.32	1.37	-3.99%
2	7/6/2023	1640	Head	1640	40.02	40.3	-0.58%	1.25	1.31	-4.59%
				1625	40.07	40.3	-0.51%	1.24	1.30	-4.66%
				1665	39.95	40.2	-0.66%	1.26	1.32	-4.47%
2	7/6/2023	1750	Head	1750	39.80	40.1	-0.71%	1.30	1.37	-4.82%
				1695	39.88	40.2	-0.72%	1.28	1.34	-4.63%
				1755	39.80	40.1	-0.69%	1.31	1.37	-4.80%
2	7/9/2023	1640	Head	1640	39.68	40.3	-1.43%	1.28	1.31	-2.29%
				1625	39.72	40.3	-1.38%	1.27	1.30	-2.19%
				1665	39.63	40.2	-1.46%	1.29	1.32	-2.58%
2	7/9/2023	1750	Head	1750	39.63	40.1	-1.13%	1.33	1.37	-3.07%
				1695	39.61	40.2	-1.39%	1.30	1.34	-3.06%
				1755	39.63	40.1	-1.12%	1.33	1.37	-3.05%
2	7/13/2023	1750	Head	1750	41.37	40.1	3.21%	1.31	1.37	-4.38%
				1695	41.40	40.2	3.06%	1.28	1.34	-4.48%
				1755	41.37	40.1	3.23%	1.31	1.37	-4.36%
2	7/16/2023	1640	Head	1640	41.54	40.3	3.20%	1.25	1.31	-4.28%
				1625	41.57	40.3	3.21%	1.24	1.30	-4.19%
				1665	41.51	40.2	3.22%	1.26	1.32	-4.54%
2	7/20/2023	1750	Head	1750	41.35	40.1	3.16%	1.31	1.37	-4.45%
				1695	41.42	40.2	3.11%	1.28	1.34	-4.33%
				1755	41.35	40.1	3.18%	1.31	1.37	-4.50%
2	7/22/2023	3700	Head	3700	38.55	37.7	2.25%	2.99	3.12	-4.08%
				3600	38.73	37.8	2.42%	2.90	3.01	-3.91%
				3800	38.37	37.6	2.08%	3.09	3.22	-4.09%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	7/22/2023	3500	Head	3500	38.91	37.9	2.58%	2.81	2.91	-3.66%
				3400	39.10	38.0	2.78%	2.72	2.81	-3.36%
				3600	38.73	37.8	2.42%	2.90	3.01	-3.78%
2	7/26/2023	3500	Head	3500	36.46	37.9	-3.87%	2.83	2.91	-2.77%
				3400	36.68	38.0	-3.58%	2.73	2.81	-2.71%
				3600	36.25	37.8	-4.14%	2.93	3.01	-2.82%
2	7/26/2023	3700	Head	3700	36.04	37.7	-4.41%	3.03	3.12	-2.80%
				3600	36.25	37.8	-4.14%	2.93	3.01	-2.78%
				3800	35.84	37.6	-4.65%	3.13	3.22	-2.63%
2	7/27/2023	1640	Head	1640	40.95	40.3	1.73%	1.25	1.31	-4.59%
				1625	40.97	40.3	1.72%	1.24	1.30	-4.50%
				1665	40.94	40.2	1.80%	1.26	1.32	-4.77%
4	6/22/2023	1750	Head	1750	39.82	40.1	-0.66%	1.36	1.37	-0.36%
				1695	39.92	40.2	-0.62%	1.33	1.34	-0.52%
				1755	39.81	40.1	-0.67%	1.37	1.37	-0.35%
4	6/25/2023	1750	Head	1750	40.34	40.1	0.64%	1.31	1.37	-4.16%
				1695	40.33	40.2	0.40%	1.27	1.34	-4.78%
				1755	40.34	40.1	0.66%	1.32	1.37	-4.07%
4	6/29/2023	1750	Head	1750	41.64	40.1	3.88%	1.34	1.37	-2.48%
				1695	41.74	40.2	3.91%	1.30	1.34	-2.69%
				1755	41.63	40.1	3.88%	1.34	1.37	-2.46%
4	7/2/2023	1750	Head	1750	40.30	40.1	0.54%	1.34	1.37	-1.90%
				1695	40.39	40.2	0.55%	1.31	1.34	-2.09%
				1755	40.29	40.1	0.53%	1.35	1.37	-1.88%
4	7/6/2023	1750	Head	1750	40.06	40.1	-0.06%	1.34	1.37	-1.97%
				1695	40.17	40.2	0.00%	1.32	1.34	-1.72%
				1755	40.06	40.1	-0.04%	1.35	1.37	-1.95%
4	7/9/2023	1750	Head	1750	40.50	40.1	1.04%	1.34	1.37	-1.90%
				1695	40.59	40.2	1.05%	1.32	1.34	-1.72%
				1755	40.50	40.1	1.06%	1.35	1.37	-1.81%
4	7/16/2023	1750	Head	1750	41.63	40.1	3.86%	1.34	1.37	-2.12%
				1695	41.69	40.2	3.79%	1.30	1.34	-2.99%
				1755	41.66	40.1	3.95%	1.34	1.37	-2.10%
4	7/20/2023	1750	Head	1750	38.15	40.1	-4.83%	1.32	1.37	-3.50%
				1695	38.30	40.2	-4.65%	1.32	1.34	-1.27%
				1755	38.16	40.1	-4.78%	1.33	1.37	-3.41%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
5	6/22/2023	1900	Head	1900	39.75	40.0	-0.63%	1.40	1.40	0.14%
				1850	39.85	40.0	-0.37%	1.37	1.40	-2.21%
				1920	39.73	40.0	-0.68%	1.42	1.40	1.07%
5	6/25/2023	1900	Head	1900	40.89	40.0	2.23%	1.40	1.40	-0.36%
				1850	40.98	40.0	2.45%	1.36	1.40	-2.64%
				1920	40.88	40.0	2.20%	1.41	1.40	0.50%
5	6/29/2023	1900	Head	1900	40.75	40.0	1.88%	1.37	1.40	-1.93%
				1850	40.85	40.0	2.13%	1.34	1.40	-4.29%
				1920	40.70	40.0	1.75%	1.39	1.40	-0.86%
5	7/2/2023	1900	Head	1900	38.22	40.0	-4.45%	1.44	1.40	2.50%
				1850	38.33	40.0	-4.18%	1.40	1.40	0.29%
				1920	38.18	40.0	-4.55%	1.45	1.40	3.43%
5	7/6/2023	1900	Head	1900	39.97	40.0	-0.08%	1.44	1.40	2.86%
				1850	40.04	40.0	0.10%	1.42	1.40	1.21%
				1920	39.92	40.0	-0.20%	1.45	1.40	3.71%
5	7/9/2023	1900	Head	1900	39.58	40.0	-1.05%	1.43	1.40	1.79%
				1850	39.70	40.0	-0.75%	1.40	1.40	-0.29%
				1920	39.53	40.0	-1.18%	1.44	1.40	2.57%
5	7/13/2023	1900	Head	1900	39.04	40.0	-2.40%	1.40	1.40	-0.36%
				1850	39.14	40.0	-2.15%	1.37	1.40	-2.29%
				1920	39.03	40.0	-2.43%	1.41	1.40	0.64%
5	7/16/2023	1900	Head	1900	38.69	40.0	-3.28%	1.37	1.40	-2.07%
				1850	38.79	40.0	-3.03%	1.35	1.40	-3.57%
				1920	38.64	40.0	-3.40%	1.38	1.40	-1.21%
5	7/20/2023	1900	Head	1900	41.75	40.0	4.38%	1.42	1.40	1.21%
				1850	41.84	40.0	4.60%	1.38	1.40	-1.21%
				1920	41.76	40.0	4.40%	1.43	1.40	2.14%
5	7/23/2023	1900	Head	1900	40.32	40.0	0.80%	1.42	1.40	1.71%
				1850	40.43	40.0	1.08%	1.39	1.40	-0.43%
				1920	40.29	40.0	0.72%	1.44	1.40	2.64%
5	7/26/2023	1900	Head	1900	38.49	40.0	-3.78%	1.38	1.40	-1.64%
				1850	38.58	40.0	-3.55%	1.35	1.40	-3.57%
				1920	38.46	40.0	-3.85%	1.39	1.40	-0.86%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
7	6/22/2023	835	Head	835	40.74	41.5	-1.83%	0.88	0.90	-2.07%
				805	40.79	41.7	-2.13%	0.87	0.90	-2.89%
				850	40.73	41.5	-1.86%	0.89	0.92	-3.19%
7	6/25/2023	835	Head	835	43.31	41.5	4.36%	0.87	0.90	-2.94%
				805	43.39	41.7	4.10%	0.86	0.90	-3.99%
				850	43.27	41.5	4.27%	0.88	0.92	-3.99%
7	6/26/2023	2300	Head	2300	37.79	39.5	-4.26%	1.60	1.66	-3.65%
				2350	37.70	39.4	-4.28%	1.65	1.71	-3.38%
				2400	37.59	39.3	-4.34%	1.68	1.75	-4.15%
7	7/2/2023	835	Head	835	42.05	41.5	1.33%	0.90	0.90	-0.22%
				805	42.12	41.7	1.06%	0.89	0.90	-1.08%
				850	42.02	41.5	1.25%	0.90	0.92	-1.42%
7	7/6/2023	835	Head	835	41.41	41.5	-0.22%	0.87	0.90	-2.96%
				805	41.49	41.7	-0.45%	0.86	0.90	-4.08%
				850	41.37	41.5	-0.31%	0.88	0.92	-3.98%
7	7/9/2023	835	Head	835	39.95	41.5	-3.73%	0.87	0.90	-3.39%
				805	39.93	41.7	-4.20%	0.86	0.90	-4.60%
				850	39.94	41.5	-3.76%	0.88	0.92	-4.22%
8	6/25/2023	1900	Head	1900	38.13	40.0	-4.67%	1.41	1.40	0.86%
				1850	38.22	40.0	-4.45%	1.39	1.40	-1.07%
				1920	38.10	40.0	-4.75%	1.43	1.40	1.86%
8	6/29/2023	1900	Head	1900	38.04	40.0	-4.90%	1.43	1.40	1.86%
				1850	38.20	40.0	-4.50%	1.39	1.40	-0.71%
				1920	38.04	40.0	-4.90%	1.44	1.40	2.93%
8	7/2/2023	1900	Head	1900	40.24	40.0	0.60%	1.43	1.40	2.07%
				1850	40.35	40.0	0.88%	1.40	1.40	0.21%
				1920	40.22	40.0	0.55%	1.44	1.40	2.93%
8	7/6/2023	1900	Head	1900	38.11	40.0	-4.73%	1.40	1.40	0.21%
				1850	38.19	40.0	-4.53%	1.38	1.40	-1.57%
				1920	38.07	40.0	-4.83%	1.42	1.40	1.14%
8	7/9/2023	1900	Head	1900	38.12	40.0	-4.70%	1.43	1.40	2.07%
				1850	38.26	40.0	-4.35%	1.40	1.40	-0.07%
				1920	38.07	40.0	-4.83%	1.44	1.40	2.93%
8	7/16/2023	1900	Head	1900	39.92	40.0	-0.20%	1.44	1.40	3.07%
				1850	40.01	40.0	0.02%	1.42	1.40	1.43%
				1920	39.89	40.0	-0.27%	1.46	1.40	3.93%
8	7/20/2023	2450	Head	2450	37.74	39.2	-3.72%	1.87	1.95	-3.95%
				2400	37.83	39.3	-3.73%	1.83	1.90	-3.79%
				2500	37.64	39.1	-3.82%	1.91	1.85	3.23%
8	7/20/2023	1900	Head	1900	38.01	40.0	-4.98%	1.45	1.40	3.64%
				1850	38.07	40.0	-4.83%	1.41	1.40	1.00%
				1920	38.01	40.0	-4.98%	1.46	1.40	4.57%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
9	6/21/2023	750	Head	750	43.45	42.0	3.55%	0.88	0.89	-1.88%
				660	43.75	42.4	3.13%	0.84	0.89	-4.98%
				800	43.45	41.7	4.18%	0.88	0.90	-2.30%
9	6/25/2023	750	Head	750	42.88	42.0	2.19%	0.88	0.89	-1.93%
				660	43.14	42.4	1.69%	0.85	0.89	-4.25%
				800	42.76	41.7	2.53%	0.89	0.90	-0.42%
9	6/29/2023	750	Head	750	41.75	42.0	-0.50%	0.87	0.89	-2.15%
				660	42.03	42.4	-0.93%	0.84	0.89	-4.82%
				800	41.59	41.7	-0.28%	0.89	0.90	-0.84%
9	7/2/2023	750	Head	750	42.01	42.0	0.12%	0.88	0.89	-1.65%
				660	42.23	42.4	-0.46%	0.85	0.89	-4.14%
				800	41.82	41.7	0.28%	0.89	0.90	-0.34%
9	7/2/2023	2600	Head	2600	40.78	39.0	4.54%	1.89	1.96	-3.88%
				2495	40.89	39.1	4.46%	1.79	1.85	-3.01%
				2690	40.61	38.9	4.40%	1.96	2.06	-4.78%
9	7/6/2023	750	Head	750	42.21	42.0	0.59%	0.88	0.89	-1.33%
				660	42.40	42.4	-0.05%	0.86	0.89	-3.09%
				800	42.22	41.7	1.23%	0.90	0.90	-0.18%
9	7/9/2023	750	Head	750	41.68	42.0	-0.67%	0.87	0.89	-2.49%
				660	41.80	42.4	-1.47%	0.85	0.89	-4.50%
				800	41.61	41.7	-0.23%	0.89	0.90	-1.23%
9	7/20/2023	2600	Head	2600	39.65	39.0	1.64%	1.91	1.96	-2.81%
				2495	39.87	39.1	1.86%	1.82	1.85	-1.77%
				2690	39.48	38.9	1.50%	1.98	2.06	-4.10%
9	7/20/2023	750	Head	750	41.29	42.0	-1.60%	0.88	0.89	-1.74%
				660	41.64	42.4	-1.85%	0.85	0.89	-4.26%
				800	41.14	41.7	-1.36%	0.89	0.90	-0.73%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
10	6/21/2023	750	Head	750	41.73	42.0	-0.55%	0.90	0.89	0.64%
				660	42.01	42.4	-0.97%	0.87	0.89	-2.29%
				800	41.54	41.7	-0.40%	0.92	0.90	2.06%
10	6/21/2023	2600	Head	2600	38.24	39.0	-1.98%	1.94	1.96	-0.98%
				2495	38.44	39.1	-1.80%	1.86	1.85	0.45%
				2690	38.08	38.9	-2.10%	2.01	2.06	-2.45%
10	6/25/2023	750	Head	750	43.56	42.0	3.81%	0.88	0.89	-2.00%
				660	43.86	42.4	3.39%	0.84	0.89	-4.82%
				800	43.43	41.7	4.14%	0.89	0.90	-0.70%
10	6/29/2023	750	Head	750	40.88	42.0	-2.58%	0.87	0.89	-2.07%
				660	41.20	42.4	-2.88%	0.84	0.89	-4.72%
				800	40.79	41.7	-2.19%	0.89	0.90	-0.29%
10	7/2/2023	750	Head	750	41.58	42.0	-0.91%	0.91	0.89	2.26%
				660	41.81	42.4	-1.45%	0.88	0.89	-0.30%
				800	41.37	41.7	-0.80%	0.93	0.90	3.68%
10	7/6/2023	750	Head	750	40.60	42.0	-3.24%	0.90	0.89	0.46%
				660	40.78	42.4	-3.87%	0.87	0.89	-1.41%
				800	40.61	41.7	-2.63%	0.91	0.90	1.75%
10	7/19/2023	750	Head	750	41.38	42.0	-1.39%	0.88	0.89	-1.73%
				660	41.60	42.4	-1.94%	0.85	0.89	-3.99%
				800	41.33	41.7	-0.90%	0.91	0.90	1.96%
10	7/23/2023	2600	Head	2600	38.08	39.0	-2.39%	1.99	1.96	1.37%
				2495	38.26	39.1	-2.26%	1.90	1.85	2.67%
				2690	37.92	38.9	-2.51%	2.07	2.06	0.27%
12	7/5/2023	2600	Head	2600	40.13	39.0	2.87%	1.90	1.96	-3.42%
				2495	40.32	39.1	3.01%	1.81	1.85	-1.98%
				2690	39.98	38.9	2.78%	1.97	2.06	-4.54%
12	7/9/2023	2600	Head	2600	39.99	39.0	2.51%	1.94	1.96	-1.33%
				2495	40.18	39.1	2.65%	1.85	1.85	-0.09%
				2690	39.82	38.9	2.37%	2.01	2.06	-2.21%
12	7/12/2023	2600	Head	2600	40.20	39.0	3.05%	1.97	1.96	0.35%
				2495	40.39	39.1	3.19%	1.88	1.85	1.53%
				2690	40.01	38.9	2.86%	2.05	2.06	-0.65%
12	7/16/2023	2600	Head	2600	37.81	39.0	-3.08%	1.92	1.96	-2.05%
				2495	38.01	39.1	-2.90%	1.84	1.85	-0.47%
				2690	37.63	38.9	-3.26%	1.99	2.06	-3.23%
12	7/19/2023	2600	Head	2600	40.24	39.0	3.15%	1.91	1.96	-2.71%
				2495	40.47	39.1	3.39%	1.82	1.85	-1.50%
				2690	40.04	38.9	2.94%	1.98	2.06	-4.10%
12	7/23/2023	2600	Head	2600	38.28	39.0	-1.87%	1.97	1.96	0.60%
				2495	38.52	39.1	-1.59%	1.89	1.85	2.35%
				2690	38.10	38.9	-2.05%	2.04	2.06	-0.94%
12	7/27/2023	2600	Head	2600	37.88	39.0	-2.90%	1.89	1.96	-3.93%
				2495	38.02	39.1	-2.87%	1.80	1.85	-2.69%
				2690	37.72	38.9	-3.03%	1.96	2.06	-4.78%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
13	7/2/2023	3700	Head	3700	37.98	37.7	0.74%	2.97	3.12	-4.85%
				3600	38.18	37.8	0.96%	2.87	3.01	-4.77%
				3800	37.79	37.6	0.54%	3.06	3.22	-4.83%
13	7/5/2023	3500	Head	3150	39.78	38.3	3.79%	2.48	2.55	-2.83%
				3500	39.12	37.9	3.13%	2.80	2.91	-3.86%
				3850	38.55	37.5	2.72%	3.14	3.27	-4.05%
13	7/9/2023	3500	Head	3500	36.34	37.9	-4.19%	2.83	2.91	-2.70%
				3400	36.55	38.0	-3.93%	2.74	2.81	-2.57%
				3600	36.14	37.8	-4.43%	2.93	3.01	-2.85%
13	7/9/2023	3700	Head	3700	37.59	37.7	-0.30%	3.13	3.12	0.35%
				3600	37.80	37.8	-0.04%	3.02	3.01	0.30%
				3800	37.37	37.6	-0.58%	3.24	3.22	0.57%
13	7/16/2023	3500	Head	3500	38.21	37.9	0.74%	2.79	2.91	-4.04%
				3400	38.37	38.0	0.86%	2.69	2.81	-4.10%
				3600	38.04	37.8	0.59%	2.90	3.01	-3.91%
13	7/16/2023	3700	Head	3700	37.85	37.7	0.39%	3.00	3.12	-3.63%
				3600	38.04	37.8	0.59%	2.90	3.01	-3.91%
				3800	37.64	37.6	0.14%	3.11	3.22	-3.31%
13	7/20/2023	3500	Head	3500	39.18	37.9	3.30%	2.90	2.91	-0.29%
				3400	39.38	38.0	3.51%	2.80	2.81	-0.26%
				3600	38.99	37.8	3.11%	3.01	3.01	-0.23%
13	7/20/2023	3700	Head	3700	38.79	37.7	2.89%	3.11	3.12	-0.10%
				3600	38.99	37.8	3.11%	3.01	3.01	-0.13%
				3800	38.60	37.6	2.69%	3.23	3.22	0.23%
13	7/23/2023	3500	Head	3500	36.71	37.9	-3.22%	2.88	2.91	-0.95%
				3400	36.93	38.0	-2.93%	2.79	2.81	-0.61%
				3600	36.49	37.8	-3.51%	2.98	3.01	-1.26%
13	7/23/2023	3700	Head	3700	36.27	37.7	-3.80%	3.07	3.12	-1.55%
				3600	36.49	37.8	-3.51%	2.98	3.01	-1.26%
				3800	36.06	37.6	-4.06%	3.17	3.22	-1.63%
13	7/26/2023	3500	Head	3500	39.57	37.9	4.32%	2.89	2.91	-0.74%
				3400	39.77	38.0	4.54%	2.79	2.81	-0.69%
				3600	39.38	37.8	4.14%	2.99	3.01	-0.79%
13	7/26/2023	3700	Head	3700	38.21	37.7	1.35%	3.12	3.12	0.12%
				3600	38.43	37.8	1.62%	3.02	3.01	0.20%
				3800	38.00	37.6	1.10%	3.22	3.22	0.05%
13	7/31/223	3500	Head	3500	39.38	37.9	3.82%	2.78	2.91	-4.42%
				3400	39.56	38.0	3.99%	2.69	2.81	-4.28%
				3600	39.20	37.8	3.66%	2.88	3.01	-4.38%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
15	6/28/2023	2600	Head	2600	39.27	39.0	0.66%	1.96	1.96	-0.11%
				2495	39.42	39.1	0.71%	1.87	1.85	1.37%
				2690	39.14	38.9	0.62%	2.04	2.06	-1.09%
15	7/2/2023	2600	Head	2600	37.61	39.0	-3.59%	1.96	1.96	0.09%
				2495	37.78	39.1	-3.48%	1.88	1.87	0.43%
				2690	37.45	38.9	-3.72%	2.04	2.06	-0.85%
15	7/5/2023	2600	Head	2600	37.31	39.0	-4.36%	1.92	1.96	-1.94%
				2495	37.46	39.1	-4.30%	1.84	1.85	-0.52%
				2690	37.16	38.9	-4.47%	2.00	2.06	-3.03%
15	7/9/2023	2600	Head	2600	37.89	39.0	-2.87%	1.97	1.96	0.40%
				2495	38.08	39.1	-2.72%	1.88	1.85	1.91%
				2690	37.71	38.9	-3.05%	2.05	2.06	-0.65%
15	7/12/2023	2600	Head	2600	38.50	39.0	-1.31%	1.93	1.96	-1.49%
				2495	38.68	39.1	-1.18%	1.85	1.85	-0.14%
				2690	38.32	38.9	-1.48%	2.01	2.06	-2.50%
15	7/16/2023	2600	Head	2600	38.59	39.0	-1.08%	2.00	1.96	1.93%
				2495	38.79	39.1	-0.90%	1.92	1.85	3.64%
				2690	38.40	38.9	-1.28%	2.07	2.06	0.71%
15	7/19/2023	2600	Head	2600	38.91	39.0	-0.26%	1.93	1.96	-1.54%
				2495	39.15	39.1	0.02%	1.85	1.85	0.02%
				2690	38.75	38.9	-0.38%	2.00	2.06	-2.94%
15	7/23/2023	2600	Head	2600	39.40	39.0	1.00%	1.90	1.96	-3.37%
				2495	39.59	39.1	1.14%	1.81	1.85	-2.04%
				2690	39.23	38.9	0.86%	1.96	2.06	-4.78%
15	7/28/2023	2600	Head	2600	37.62	39.0	-3.57%	1.91	1.96	-2.66%
				2495	37.75	39.1	-3.56%	1.82	1.85	-1.44%
				2690	37.46	38.9	-3.70%	1.99	2.06	-3.47%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
16	6/30/2023	2300	Head	2300	38.41	39.5	-2.69%	1.60	1.66	-3.59%
				2350	38.33	39.4	-2.68%	1.64	1.71	-4.08%
				2400	38.28	39.3	-2.59%	1.67	1.75	-4.78%
16	7/2/2023	2300	Head	2300	40.71	39.5	3.14%	1.65	1.66	-1.01%
				2350	40.63	39.4	3.16%	1.68	1.71	-1.39%
				2400	40.55	39.3	3.19%	1.72	1.75	-1.98%
16	7/5/2023	2300	Head	2300	39.93	39.5	1.16%	1.62	1.66	-2.75%
				2350	39.87	39.4	1.23%	1.66	1.71	-2.97%
				2400	39.77	39.3	1.20%	1.69	1.75	-3.58%
16	7/9/2023	2300	Head	2300	38.86	39.5	-1.55%	1.62	1.66	-2.75%
				2350	38.77	39.4	-1.56%	1.65	1.71	-3.26%
				2400	38.70	39.3	-1.52%	1.69	1.75	-3.63%
16	7/12/2023	2300	Head	2300	41.10	39.5	4.12%	1.70	1.66	2.18%
				2350	41.00	39.4	4.10%	1.74	1.71	1.89%
				2400	40.91	39.3	4.11%	1.78	1.75	1.62%
16	7/16/2023	2300	Head	2300	38.63	39.5	-2.13%	1.68	1.66	0.80%
				2350	38.54	39.4	-2.14%	1.72	1.71	0.55%
				2400	38.42	39.3	-2.23%	1.75	1.75	0.13%
16	7/19/2023	2300	Head	2300	40.19	39.5	1.82%	1.63	1.66	-2.03%
				2350	40.12	39.4	1.87%	1.66	1.71	-2.79%
				2400	40.11	39.3	2.07%	1.70	1.75	-2.95%
16	7/21/2023	2600	Head	2600	39.42	39.0	1.05%	1.89	1.96	-3.68%
				2495	39.62	39.1	1.22%	1.81	1.85	-2.09%
				2690	39.24	38.9	0.88%	1.96	2.06	-4.83%
16	7/23/2023	2300	Head	2300	39.99	39.5	1.31%	1.60	1.66	-3.89%
				2350	39.92	39.4	1.36%	1.64	1.71	-4.26%
				2400	39.84	39.3	1.38%	1.67	1.75	-4.78%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
17	6/28/2023	3700	Head	3700	38.69	37.7	2.62%	2.97	3.12	-4.63%
				3600	38.88	37.8	2.81%	2.88	3.01	-4.44%
				3800	38.51	37.6	2.45%	3.07	3.22	-4.62%
17	7/2/2023	3500	Head	3500	37.02	37.9	-2.40%	2.89	2.91	-0.78%
				3400	37.22	38.0	-2.17%	2.79	2.81	-0.72%
				3600	36.81	37.8	-2.66%	2.99	3.01	-0.83%
17	7/2/2023	3700	Head	3700	36.61	37.7	-2.89%	3.09	3.12	-0.78%
				3600	36.81	37.8	-2.66%	2.99	3.01	-0.83%
				3800	36.40	37.6	-3.16%	3.20	3.22	-0.54%
17	7/5/2023	3500	Head	3500	37.21	37.9	-1.89%	2.83	2.91	-2.70%
				3400	37.39	38.0	-1.73%	2.74	2.81	-2.39%
				3600	37.03	37.8	-2.09%	2.93	3.01	-2.92%
17	7/9/2023	3500	Head	3500	39.16	37.9	3.24%	2.98	2.91	2.49%
				3400	39.38	38.0	3.51%	2.88	2.81	2.59%
				3600	38.95	37.8	3.00%	3.09	3.01	2.43%
17	7/9/2023	3700	Head	3700	38.74	37.7	2.75%	3.19	3.12	2.50%
				3600	38.95	37.8	3.00%	3.09	3.01	2.43%
				3800	38.52	37.6	2.48%	3.31	3.22	2.72%
17	7/16/2023	3500	Head	3500	37.10	37.9	-2.19%	2.81	2.91	-3.42%
				3400	37.27	38.0	-2.03%	2.72	2.81	-3.36%
				3600	36.93	37.8	-2.34%	2.91	3.01	-3.38%
17	7/16/2023	3700	Head	3700	36.74	37.7	-2.55%	3.02	3.12	-3.25%
				3600	36.93	37.8	-2.34%	2.91	3.01	-3.38%
				3800	36.52	37.6	-2.84%	3.12	3.22	-3.03%
17	7/19/2023	3500	Head	3500	39.38	37.9	3.82%	2.77	2.91	-4.73%
				3400	39.55	38.0	3.96%	2.69	2.81	-4.39%
				3600	39.23	37.8	3.74%	2.87	3.01	-4.94%
17	7/19/2023	3700	Head	3700	39.37	37.7	4.43%	3.02	3.12	-3.09%
				3600	39.54	37.8	4.56%	2.93	3.01	-2.82%
				3800	39.19	37.6	4.26%	3.13	3.22	-2.78%
17	7/23/2023	3700	Head	3700	36.21	37.7	-3.96%	3.10	3.12	-0.55%
				3600	36.42	37.8	-3.69%	2.99	3.01	-0.76%
				3800	36.00	37.6	-4.22%	3.21	3.22	-0.42%
17	7/23/2023	3500	Head	3500	36.64	37.9	-3.40%	2.89	2.91	-0.84%
				3400	36.86	38.0	-3.11%	2.79	2.81	-0.72%
				3600	36.42	37.8	-3.69%	2.99	3.01	-0.76%
17	7/26/2023	3700	Head	3700	38.80	37.7	2.91%	3.01	3.12	-3.31%
				3600	38.97	37.8	3.05%	2.92	3.01	-3.02%
				3800	38.61	37.6	2.72%	3.10	3.22	-3.65%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
18	7/5/2023	3900	Head	3900	37.33	37.5	-0.38%	3.23	3.32	-2.80%
				3800	37.50	37.6	-0.23%	3.12	3.22	-2.97%
				4000	37.17	37.4	-0.51%	3.33	3.42	-2.72%
18	7/5/2023	3500	Head	3500	38.02	37.9	0.23%	2.84	2.91	-2.56%
				3400	38.20	38.0	0.41%	2.75	2.81	-2.22%
				3600	37.85	37.8	0.09%	2.93	3.01	-2.78%
18	7/9/2023	3900	Head	3900	38.08	37.5	1.62%	3.39	3.32	2.05%
				3800	38.30	37.6	1.90%	3.28	3.22	1.75%
				4000	37.88	37.4	1.39%	3.50	3.42	2.27%
18	7/9/2023	3500	Head	3500	38.91	37.9	2.58%	2.96	2.91	1.63%
				3400	39.13	38.0	2.86%	2.86	2.81	1.73%
				3600	38.71	37.8	2.37%	3.06	3.01	1.53%
18	7/12/2023	3900	Head	3900	37.89	37.5	1.11%	3.17	3.32	-4.63%
				3800	38.05	37.6	1.23%	3.07	3.22	-4.65%
				4000	37.72	37.4	0.97%	3.27	3.42	-4.53%
18	7/16/2023	3900	Head	3900	36.25	37.5	-3.26%	3.23	3.32	-2.68%
				3800	36.47	37.6	-2.97%	3.13	3.22	-2.88%
				4000	36.04	37.4	-3.53%	3.33	3.42	-2.63%
18	7/19/2023	3900	Head	3900	38.55	37.5	2.87%	3.29	3.32	-0.87%
				3800	38.90	37.6	3.49%	3.19	3.22	-0.86%
				4000	38.55	37.4	3.19%	3.40	3.42	-0.68%
18	7/23/2023	3900	Head	3900	37.09	37.5	-1.02%	3.45	3.32	4.01%
				3800	37.30	37.6	-0.76%	3.35	3.22	3.93%
				4000	36.89	37.4	-1.26%	3.56	3.42	4.03%
18	7/26/2023	3500	Head	3500	37.63	37.9	-0.79%	2.93	2.91	0.60%
				3400	37.85	38.0	-0.51%	2.83	2.81	0.70%
				3600	37.42	37.8	-1.05%	3.03	3.01	0.53%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
19	7/22/2023	3500	Head	3500	37.60	37.9	-0.87%	2.79	2.91	-4.18%
				3400	37.80	38.0	-0.64%	2.70	2.81	-3.89%
				3600	37.42	37.8	-1.05%	2.88	3.01	-4.44%
19	7/22/2023	3700	Head	3700	37.25	37.7	-1.20%	2.97	3.12	-4.69%
				3600	37.42	37.8	-1.05%	2.88	3.01	-4.44%
				3800	37.08	37.6	-1.35%	3.07	3.22	-4.62%
19	7/26/2023	3500	Head	3500	37.73	37.9	-0.53%	2.80	2.91	-3.83%
				3400	37.92	38.0	-0.33%	2.72	2.81	-3.18%
				3600	37.53	37.8	-0.76%	2.88	3.01	-4.44%
2	7/20/2023	13	Head	13	55.69	55.00	1.25%	0.72	0.75	-4.32%
				12	55.86	55.00	1.56%	0.72	0.75	-4.31%
				14	55.36	55.00	0.65%	0.72	0.75	-4.32%
SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	8/22/2023	3500	Head	3500	39.67	37.93	4.59%	2.79	2.91	-4.28%
				3400	39.82	38.04	4.67%	2.69	2.81	-4.10%
				3600	39.47	37.82	4.38%	2.88	3.01	-4.38%
10	8/22/2023	2600	Head	2600	39.57	39.01	1.43%	1.94	1.96	-1.13%
				2495	39.79	39.14	1.65%	1.85	1.85	0.02%
				2690	39.39	38.90	1.27%	2.01	2.06	-2.26%

8.2. System Check

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 dipole input power (forward power) for the CLA 13 was 1 W.
- The results are normalized to 1 W input power.

System Check Results

The 1-g and 10-g SAR measured with a reference dipole, using the required tissue-equivalent medium at the test frequency, must be within ±10% of the manufacturer calibrated dipole SAR target. Refer to Appendix B for the SAR System Check Plots.

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
A	6/25/2023	Head	D2450V2 SN: 706	1/20/2024	5.000	50.00	52.30	-4.40%	2.320	23.20	24.50	-5.31%	
A	6/29/2023	Head	D2450V2 SN: 706	1/20/2024	5.200	52.00	52.30	-0.57%	2.420	24.20	24.50	-1.22%	
A	7/2/2023	Head	D2450V2 SN: 706	1/20/2024	4.980	49.80	52.30	-4.78%	2.320	23.20	24.50	-5.31%	
A	7/6/2023	Head	D2450V2 SN: 706	1/20/2024	5.370	53.70	52.30	2.68%	2.500	25.00	24.50	2.04%	
A	7/9/2023	Head	D2450V2 SN: 706	1/20/2024	5.080	50.80	52.30	-2.87%	2.370	23.70	24.50	-3.27%	
A	7/13/2023	Head	D2450V2 SN: 706	1/20/2024	5.320	53.20	52.30	1.72%	2.470	24.70	24.50	0.82%	
A	7/16/2023	Head	D2450V2 SN: 706	1/20/2024	5.140	51.40	52.30	-1.72%	2.400	24.00	24.50	-2.04%	
A	7/20/2023	Head	D2450V2 SN: 706	1/20/2024	5.370	53.70	52.30	2.68%	2.500	25.00	24.50	2.04%	
A	7/23/2023	Head	D2450V2 SN: 706	1/20/2024	4.920	49.20	52.30	-5.93%	2.300	23.00	24.50	-6.12%	
A	7/27/2023	Head	D2450V2 SN: 706	1/20/2024	4.900	49.00	52.30	**-6.31%**	2.290	22.90	24.50	-6.53%	1
B	6/25/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.030	80.30	79.50	1.01%	2.300	23.00	22.60	1.77%	
B	7/2/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.730	77.30	79.50	-2.77%	2.230	22.30	22.60	-1.33%	
B	7/6/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.390	83.90	79.50	5.53%	2.430	24.30	22.60	7.52%	
B	7/9/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.020	80.20	79.50	0.88%	2.320	23.20	22.60	2.65%	
B	7/13/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.78	77.80	79.50	-2.14%	2.230	22.30	22.60	-1.33%	
B	7/19/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.870	78.70	79.50	-1.01%	2.250	22.50	22.60	-0.44%	
B	7/23/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.600	86.00	79.50	**8.18%**	2.470	24.70	22.60	9.29%	2
B	7/27/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.750	77.50	79.50	-2.52%	2.220	22.20	22.60	-1.77%	
D	6/29/2023	Head	D2450V2 SN: 899	4/18/2024	5.290	52.90	51.90	1.93%	2.540	25.40	24.40	4.10%	
D	7/2/2023	Head	D2450V2 SN: 899	4/18/2024	4.990	49.90	51.90	-3.85%	2.390	23.90	24.40	-2.05%	
D	7/6/2023	Head	D2450V2 SN: 899	4/18/2024	4.870	48.70	51.90	**-6.17%**	2.340	23.40	24.40	-4.10%	3
D	7/9/2023	Head	D2450V2 SN: 899	4/18/2024	5.280	52.80	51.90	1.73%	2.540	25.40	24.40	4.10%	
D	7/13/2023	Head	D2450V2 SN: 899	4/18/2024	5.110	51.10	51.90	-1.54%	2.470	24.70	24.40	1.23%	
D	7/16/2023	Head	D2450V2 SN: 899	4/18/2024	5.030	50.30	51.90	-3.08%	2.440	24.40	24.40	0.00%	
D	7/19/2023	Head	D2450V2 SN: 899	4/18/2024	5.350	53.50	51.90	3.08%	2.600	26.00	24.40	6.56%	
D	7/23/2023	Head	D2450V2 SN: 899	4/18/2024	4.940	49.40	51.90	-4.82%	2.380	23.80	24.40	-2.46%	
D	7/27/2023	Head	D2450V2 SN: 899	4/18/2024	5.230	52.30	51.90	0.77%	2.530	25.30	24.40	3.69%	
E	6/25/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.360	73.60	80.30	-8.34%	2.090	20.90	22.90	-8.73%	
E	6/29/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.520	75.20	80.30	-6.35%	2.140	21.40	22.90	-6.55%	
E	7/2/2023	Head	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2024	8.450	84.50	79.30	6.56%	2.380	23.80	22.40	6.25%	
E	7/6/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.380	73.80	80.30	-8.09%	2.110	21.10	22.90	-7.86%	
E	7/6/2023	Head	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2024	7.250	72.50	79.30	**-8.58%**	2.060	20.60	22.40	-8.04%	4
E	7/9/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.460	74.60	80.30	-7.10%	2.130	21.30	22.90	-6.99%	
E	7/16/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.570	75.70	80.30	-5.73%	2.150	21.50	22.90	-6.11%	
E	7/18/2023	Head	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2024	7.920	79.20	83.00	**-4.58%**	2.230	22.30	23.70	-5.91%	5
E	7/20/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.230	72.30	80.30	**-9.96%**	2.070	20.70	22.90	-9.61%	6
E	7/22/2023	Head	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2024	8.140	81.40	83.00	-1.93%	2.290	22.90	23.70	-3.38%	
E	7/23/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.820	78.20	80.30	-2.62%	2.220	22.20	22.90	-3.06%	
E	7/27/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.640	76.40	80.30	-4.86%	2.170	21.70	22.90	-5.24%	
E	7/27/2023	Head	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2024	8.180	81.80	83.00	-1.45%	2.290	22.90	23.70	-3.38%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
F	6/21/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.620	76.20	82.50	-7.64%	2.140	21.40	23.40	-8.55%	
F	6/25/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.600	76.00	82.50	**-7.88%**	2.140	21.40	23.40	-8.55%	7
F	6/29/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	8.020	80.20	82.50	-2.79%	2.250	22.50	23.40	-3.85%	
F	7/23/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	8.590	85.90	82.50	4.12%	2.420	24.20	23.40	3.42%	
F	7/27/2023	Head	D2450V2 SN: 899	4/18/2024	5.010	50.10	51.90	**-3.47%**	2.330	23.30	24.40	-4.51%	8
H	6/25/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.070	70.70	78.30	**-9.71%**	2.030	20.30	22.20	-8.56%	9
H	7/3/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.540	75.40	82.50	-8.61%	2.130	21.30	23.40	-8.97%	
H	7/6/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	8.100	81.00	82.50	-1.82%	2.280	22.80	23.40	-2.56%	
H	7/9/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.500	75.00	82.50	**-9.09%**	2.120	21.20	23.40	-9.40%	10
H	7/16/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.620	76.20	78.30	-2.68%	2.180	21.80	22.20	-1.80%	
H	7/20/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.480	74.80	78.30	-4.47%	2.140	21.40	22.20	-3.60%	
H	7/23/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.410	74.10	78.30	-5.36%	2.110	21.10	22.20	-4.95%	
H	7/27/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.200	72.00	78.30	-8.05%	2.060	20.60	22.20	-7.21%	
H	7/28/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.550	75.50	79.50	-5.03%	2.160	21.60	22.60	-4.42%	
H	7/31/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.380	73.80	80.30	**-8.09%**	2.100	21.00	22.90	-8.30%	11
I	6/30/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.070	70.70	78.30	**-9.71%**	2.040	20.40	22.20	-8.11%	12
I	7/6/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.870	78.70	78.30	0.51%	2.260	22.60	22.20	1.80%	
I	7/9/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.190	71.90	78.30	-8.17%	2.080	20.80	22.20	-6.31%	
I	7/13/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.460	74.60	78.30	-4.73%	2.160	21.60	22.20	-2.70%	
I	7/16/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.620	76.20	78.30	-2.68%	2.200	22.00	22.20	-0.90%	
I	7/20/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.740	77.40	78.30	-1.15%	2.230	22.30	22.20	0.45%	
I	7/23/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.690	76.90	78.30	-1.79%	2.210	22.10	22.20	-0.45%	
I	7/27/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.280	72.80	78.30	-7.02%	2.100	21.00	22.20	-5.41%	
I	7/31/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.200	72.00	79.50	**-9.43%**	2.090	20.90	22.60	-7.52%	13
1	6/22/2023	Head	D835V2 SN: 4d002	11/24/2023	0.972	9.72	9.83	-1.12%	0.606	6.06	6.42	-5.61%	
1	6/25/2023	Head	D835V2 SN: 4d002	11/24/2023	1.020	10.20	9.83	3.76%	0.681	6.81	6.42	6.07%	
1	6/28/2023	Head	D2600V2 SN: 1036	4/11/2024	5.380	53.80	55.40	**-2.89%**	2.490	24.90	24.90	0.00%	14
1	7/2/2023	Head	D835V2 SN: 4d002	11/24/2023	1.010	10.10	9.83	2.75%	0.672	6.72	6.42	4.67%	
1	7/6/20223	Head	D835V2 SN: 4d002	11/24/2023	0.973	9.73	9.83	-1.02%	0.650	6.50	6.42	1.25%	
1	7/9/2023	Head	D835V2 SN: 4d002	11/24/2023	1.030	10.30	9.83	4.78%	0.687	6.87	6.42	7.01%	
1	7/13/2023	Head	D835V2 SN: 4d002	11/24/2023	1.040	10.40	9.83	**5.80%**	0.695	6.95	6.42	8.26%	15
1	7/20/2023	Head	D2300V2 SN: 1002	4/11/2024	4.570	45.70	48.70	**-6.16%**	2.180	21.80	23.80	-8.40%	16

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
2	6/22/2023	Head	D1750V2 SN: 1053	10/17/2023	3.760	37.60	36.60	2.73%	2.040	20.40	19.40	5.15%	
2	6/25/2023	Head	D1750V2 SN: 1053	10/17/2023	3.370	33.70	36.60	**-7.92%**	1.830	18.30	19.40	-5.67%	17
2	6/25/2023	Head	D1640V2 SN: 334	3/25/2023	3.100	31.00	33.90	-8.55%	1.740	17.40	18.30	-4.92%	
2	6/29/2023	Head	D1750V2 SN: 1053	10/17/2023	3.660	36.60	36.60	0.00%	1.990	19.90	19.40	2.58%	
2	7/2/2023	Head	D1750V2 SN: 1053	10/17/2023	3.740	37.40	36.60	2.19%	2.030	20.30	19.40	4.64%	
2	7/6/2023	Head	D1750V2 SN: 1053	10/17/2023	3.700	37.00	36.60	1.09%	2.010	20.10	19.40	3.61%	
2	7/6/2023	Head	D1640V2 SN: 334	3/25/2023	3.430	34.30	33.90	1.18%	1.910	19.10	18.30	4.37%	
2	7/9/2023	Head	D1750V2 SN: 1053	10/17/2023	3.680	36.80	36.60	0.55%	1.990	19.90	19.40	2.58%	
2	7/9/2023	Head	D1640V2 SN: 334	3/25/2023	3.390	33.90	33.90	0.00%	1.890	18.90	18.30	3.28%	
2	7/13/2023	Head	D1750V2 SN: 1053	10/17/2023	3.840	38.40	36.60	4.92%	2.080	20.80	19.40	7.22%	
2	7/16/2023	Head	D1640V2 SN: 334	3/25/2023	3.340	33.40	33.90	-1.47%	1.850	18.50	18.30	1.09%	
2	7/20/2023	Head	D1750V2 SN: 1053	10/17/2023	3.550	35.50	36.60	-3.01%	1.920	19.20	19.40	-1.03%	
2	7/22/2023	Head	D3700V2 SN: 1110	11/30/2023	5.810	58.10	64.09	**-9.35%**	2.230	22.30	23.60	-5.51%	18
2	7/23/2023	Head	D3500V2 SN: 1011	4/17/2024	6.020	60.20	65.60	**-8.23%**	2.370	23.70	24.70	-4.05%	19
2	7/26/2023	Head	D3700V2 SN: 1110	11/30/2023	6.450	64.50	64.09	0.64%	2.440	24.40	23.60	3.39%	
2	7/26/2023	Head	D3500V2 SN: 1011	4/17/2024	6.300	63.00	65.60	-3.96%	2.460	24.60	24.70	-0.40%	
2	7/27/2023	Head	D1640V2 SN: 334	3/25/2023	3.070	30.70	33.90	**-9.44%**	1.710	17.10	18.30	-6.56%	20
4	6/22/2023	Head	D1750V2 SN: 1050	4/19/2024	3.800	38.00	36.10	5.26%	2.030	20.30	18.90	7.41%	
4	6/25/2023	Head	D1750V2 SN: 1050	4/19/2024	3.780	37.80	36.10	4.71%	2.020	20.20	18.90	6.88%	
4	6/29/2023	Head	D1750V2 SN: 1050	4/19/2024	3.820	38.20	36.10	5.82%	2.040	20.40	18.90	7.94%	
4	7/2/2023	Head	D1750V2 SN: 1050	4/19/2024	3.700	37.00	36.10	2.49%	1.970	19.70	18.90	4.23%	
4	7/6/2023	Head	D1750V2 SN: 1050	4/19/2024	3.640	36.40	36.10	0.83%	1.940	19.40	18.90	2.65%	
4	7/9/2023	Head	D1750V2 SN: 1050	4/19/2024	3.790	37.90	36.10	4.99%	2.020	20.20	18.90	6.88%	
4	7/16/2023	Head	D1750V2 SN: 1050	4/19/2024	3.390	33.90	36.10	-6.09%	1.810	18.10	18.90	-4.23%	
4	7/20/2023	Head	D1750V2 SN: 1050	4/19/2024	3.830	38.30	36.10	**6.09%**	2.060	20.60	18.90	8.99%	21
5	6/22/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.980	39.80	39.10	1.79%	2.070	20.70	20.40	1.47%	
5	6/25/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.980	39.80	39.10	1.79%	2.090	20.90	20.40	2.45%	
5	6/29/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.010	40.10	39.10	2.56%	2.100	21.00	20.40	2.94%	
5	7/2/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.020	40.20	39.10	2.81%	2.110	21.10	20.40	3.43%	
5	7/6/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.070	40.70	39.10	4.09%	2.140	21.40	20.40	4.90%	
5	7/9/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.120	41.20	39.10	5.37%	2.160	21.60	20.40	5.88%	
5	7/14/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.170	41.70	39.10	6.65%	2.210	22.10	20.40	8.33%	
5	7/16/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.640	36.40	39.10	-6.91%	1.920	19.20	20.40	-5.88%	
5	7/20/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.930	39.30	39.10	0.51%	2.060	20.60	20.40	0.98%	
5	7/23/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.560	35.60	39.10	**-8.95%**	1.870	18.70	20.40	-8.33%	22
5	7/26/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.000	40.00	39.10	2.30%	2.100	21.00	20.40	2.94%	
7	6/22/2023	Head	D835V2 SN: 4d002	11/24/2023	1.040	10.40	9.83	**5.80%**	0.685	6.85	6.42	6.70%	23
7	6/25/2023	Head	D835V2 SN: 4d002	11/24/2023	0.999	9.99	9.83	1.63%	0.661	6.61	6.42	2.96%	
7	6/26/2023	Head	D2300V2 SN: 1002	4/11/2024	4.950	49.50	48.70	**1.64%**	2.430	24.30	23.80	2.10%	24
7	7/2/2023	Head	D835V2 SN: 4d002	11/24/2023	1.000	10.00	9.83	1.73%	0.656	6.56	6.42	2.18%	
7	7/6/2023	Head	D835V2 SN: 4d002	11/24/2023	1.030	10.30	9.83	4.78%	0.639	6.39	6.42	-0.47%	
7	7/9/2023	Head	D835V2 SN: 4d002	11/24/2023	0.940	9.40	9.83	-4.37%	0.621	6.21	6.42	-3.27%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
8	6/25/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.100	41.00	39.10	4.86%	2.140	21.40	20.40	4.90%	
8	6/29/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.050	40.50	39.10	3.58%	2.110	21.10	20.40	3.43%	
8	7/2/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.250	42.50	39.10	**8.70%**	2.220	22.20	20.40	8.82%	25
8	7/6/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.780	37.80	39.10	-3.32%	1.970	19.70	20.40	-3.43%	
8	7/9/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.600	36.00	39.10	-7.93%	1.870	18.70	20.40	-8.33%	
8	7/16/2023	Head	D1900V2 SN: 5d140	4/14/2024	4.190	41.90	39.40	**6.35%**	2.170	21.70	20.60	5.34%	26
8	7/20/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.080	40.80	39.10	4.35%	2.130	21.30	20.40	4.41%	
8	7/20/2023	Head	D2450V2 SN: 899	4/18/2024	5.460	54.60	51.90	**5.20%**	2.580	25.80	24.40	5.74%	27
9	6/21/2023	Head	D750V3 SN: 1019	4/13/2024	0.858	8.58	8.51	0.82%	0.574	5.74	5.59	2.68%	
9	6/25/2023	Head	D750V3 SN: 1019	4/13/2024	0.852	8.52	8.51	0.12%	0.570	5.70	5.59	1.97%	
9	6/29/2023	Head	D750V3 SN: 1019	4/13/2024	0.889	8.89	8.51	4.47%	0.595	5.95	5.59	6.44%	
9	7/2/2023	Head	D750V3 SN: 1019	4/13/2024	0.775	7.75	8.51	**-8.93%**	0.518	5.18	5.59	-7.33%	28
9	7/2/2023	Head	D2600V2 SN: 1036	4/11/2024	5.820	58.20	55.40	5.05%	2.690	26.90	24.90	8.03%	
9	7/6/2023	Head	D750V3 SN: 1019	4/13/2024	0.863	8.63	8.51	1.41%	0.576	5.76	5.59	3.04%	
9	7/9/2023	Head	D750V3 SN: 1019	4/13/2024	0.894	8.94	8.51	5.05%	0.596	5.96	5.59	6.62%	
9	7/20/2023	Head	D2600V2 SN: 1036	4/11/2024	5.130	51.30	55.40	**-7.40%**	2.390	23.90	24.90	-4.02%	29
9	7/20/2023	Head	D750V3 SN: 1019	4/13/2024	0.888	8.88	8.51	4.35%	0.586	5.86	5.59	4.83%	
10	6/21/2023	Head	D750V3 SN: 1019	4/13/2024	0.911	9.11	8.51	7.05%	0.598	5.98	5.59	6.98%	
10	6/22/2023	Head	D2600V2 SN: 1036	4/11/2024	5.480	54.80	55.40	-1.08%	2.490	24.90	24.90	0.00%	
10	6/25/2023	Head	D750V3 SN: 1019	4/13/2024	0.891	8.91	8.51	4.70%	0.589	5.89	5.59	5.37%	
10	6/29/2023	Head	D750V3 SN: 1019	4/13/2024	0.877	8.77	8.51	3.06%	0.583	5.83	5.59	4.29%	
10	7/2/2023	Head	D750V3 SN: 1019	4/13/2024	0.932	9.32	8.51	**9.52%**	0.614	6.14	5.59	9.84%	30
10	7/6/2023	Head	D750V3 SN: 1019	4/13/2024	0.930	9.30	8.51	9.28%	0.608	6.08	5.59	8.77%	
10	7/19/2023	Head	D750V3 SN: 1019	4/13/2024	0.872	8.72	8.51	2.47%	0.576	5.76	5.59	3.04%	
10	7/23/2023	Head	D2600V2 SN: 1036	4/11/2024	5.240	52.40	55.40	**-5.42%**	2.370	23.70	24.90	-4.82%	31
12	7/5/2023	Head	D2600V2 SN: 1036	4/11/2024	5.860	58.60	55.40	5.78%	2.670	26.70	24.90	7.23%	
12	7/9/2023	Head	D2600V2 SN: 1036	4/11/2024	5.120	51.20	55.40	**-7.58%**	2.330	23.30	24.90	-6.43%	32
12	7/12/2023	Head	D2600V2 SN: 1036	4/11/2024	5.390	53.90	55.40	-2.71%	2.480	24.80	24.90	-0.40%	
12	7/16/2023	Head	D2600V2 SN: 1036	4/11/2024	5.810	58.10	55.40	4.87%	2.710	27.10	24.90	8.84%	
12	7/19/2023	Head	D2600V2 SN: 1036	4/11/2024	5.210	52.10	55.40	-5.96%	2.430	24.30	24.90	-2.41%	
12	7/23/2023	Head	D2600V2 SN: 1036	4/11/2024	5.530	55.30	55.40	-0.18%	2.580	25.80	24.90	3.61%	
12	7/27/2023	Head	D2600V2 SN: 1036	4/11/2024	5.840	58.40	55.40	5.42%	2.710	27.10	24.90	8.84%	
13	7/2/2023	Head	D3700V2 SN: 1110	11/20/2023	6.620	66.20	64.09	3.29%	2.500	25.00	23.60	5.93%	
13	7/5/2023	Head	D3500V2 SN: 1011	4/17/2024	6.710	67.10	65.60	2.29%	2.640	26.40	24.70	6.88%	
13	7/9/2023	Head	D3500V2 SN: 1011	4/17/2024	6.540	65.40	65.60	-0.30%	2.560	25.60	24.70	3.64%	
13	7/9/2023	Head	D3700V2 SN: 1110	11/20/2023	6.720	67.20	64.09	4.85%	2.540	25.40	23.60	7.63%	
13	7/16/2023	Head	D3500V2 SN: 1011	4/17/2024	6.670	66.70	65.60	1.68%	2.630	26.30	24.70	6.48%	
13	7/16/2023	Head	D3700V2 SN: 1110	11/20/2023	6.250	62.50	64.09	-2.48%	2.380	23.80	23.60	0.85%	
13	7/20/2023	Head	D3500V2 SN: 1011	4/17/2024	6.320	63.20	65.60	-3.66%	2.470	24.70	24.70	0.00%	
13	7/20/2023	Head	D3700V2 SN: 1110	11/20/2023	6.800	68.00	64.09	**6.10%**	2.570	25.70	23.60	8.90%	33
13	7/23/2023	Head	D3500V2 SN: 1011	4/17/2024	5.940	59.40	65.60	**-9.45%**	2.350	23.50	24.70	-4.86%	34
13	7/23/2023	Head	D3700V2 SN: 1110	11/20/2023	6.310	63.10	64.09	-1.54%	2.410	24.10	23.60	2.12%	
13	7/26/2023	Head	D3500V2 SN: 1011	4/17/2024	6.140	61.40	65.60	-6.40%	2.400	24.00	24.70	-2.83%	
13	7/26/2023	Head	D3700V2 SN: 1110	11/20/2023	6.210	62.10	64.09	-3.11%	2.410	24.10	23.60	2.12%	
13	7/31/2023	Head	D3500V2 SN: 1011	4/17/2024	5.960	59.60	65.60	-9.15%	2.330	23.30	24.70	-5.67%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
15	6/28/2023	Head	D2600V2 SN: 1036	4/11/2024	6.030	60.30	55.40	8.84%	2.710	27.10	24.90	8.84%	
15	7/2/2023	Head	D2600V2 SN: 1036	4/11/2024	5.570	55.70	55.40	0.54%	2.580	25.80	24.90	3.61%	
15	7/5/2023	Head	D2600V2 SN: 1036	4/11/2024	6.010	60.10	55.40	8.48%	2.710	27.10	24.90	8.84%	
15	7/9/2023	Head	D2600V2 SN: 1036	4/11/2024	5.570	55.70	55.40	0.54%	2.460	24.60	24.90	-1.20%	
15	7/12/2023	Head	D2600V2 SN: 1036	4/11/2024	5.970	59.70	55.40	7.76%	2.690	26.90	24.90	8.03%	
15	7/16/2023	Head	D2600V2 SN: 1036	4/11/2024	5.750	57.50	55.40	3.79%	2.600	26.00	24.90	4.42%	
15	7/19/2023	Head	D2600V2 SN: 1036	4/11/2024	5.070	50.70	55.40	-8.48%	2.290	22.90	24.90	-8.03%	
15	7/23/2023	Head	D2600V2 SN: 1036	4/11/2024	5.010	50.10	55.40	**-9.57%**	2.280	22.80	24.90	-8.43%	35
15	7/28/2023	Head	D2600V2 SN: 1036	4/11/2024	5.850	58.50	55.40	5.60%	2.670	26.70	24.90	7.23%	
16	6/30/2023	Head	D2300V2 SN: 1058	10/18/2023	4.770	47.70	48.50	-1.65%	2.310	23.10	23.60	-2.12%	
16	7/2/2023	Head	D2300V2 SN: 1058	10/18/2023	5.100	51.00	48.50	5.15%	2.470	24.70	23.60	4.66%	
16	7/5/2023	Head	D2300V2 SN: 1058	10/18/2023	5.220	52.20	48.50	7.63%	2.520	25.20	23.60	6.78%	
16	7/9/2023	Head	D2300V2 SN: 1058	10/18/2023	4.890	48.90	48.50	0.82%	2.390	23.90	23.60	1.27%	
16	7/12/2023	Head	D2300V2 SN: 1058	10/18/2023	5.090	50.90	48.50	4.95%	2.510	25.10	23.60	6.36%	
16	7/16/2023	Head	D2300V2 SN: 1058	10/18/2023	4.750	47.50	48.50	-2.06%	2.330	23.30	23.60	-1.27%	
16	7/17/2023	Head	D2600V2 SN: 1036	4/11/2024	5.170	51.70	55.40	**-6.68%**	2.400	24.00	24.90	-3.61%	36
16	7/19/2023	Head	D2300V2 SN: 1058	10/18/2023	5.220	52.20	48.50	**7.63%**	2.570	25.70	23.60	8.90%	37
16	7/21/2023	Head	D2600V2 SN: 1036	4/11/2024	5.720	57.20	55.40	3.25%	2.660	26.60	24.90	6.83%	
16	7/23/2023	Head	D2300V2 SN: 1058	10/18/2023	5.060	50.60	48.50	4.33%	2.490	24.90	23.60	5.51%	
17	6/28/2023	Head	D3700V2 SN: 1110	11/20/2023	6.290	62.90	64.09	-1.86%	2.370	23.70	23.60	0.42%	
17	7/2/2023	Head	D3500V2 SN: 1060	2/7/2024	6.100	61.00	65.70	-7.15%	2.370	23.70	24.90	-4.82%	
17	7/2/2023	Head	D3700V2 SN: 1110	11/20/2023	6.750	67.50	64.09	5.32%	2.540	25.40	23.60	7.63%	
17	7/5/2023	Head	D3500V2 SN: 1060	2/7/2024	6.310	63.10	65.70	-3.96%	2.480	24.80	24.90	-0.40%	
17	7/9/2023	Head	D3500V2 SN: 1060	2/7/2024	6.090	60.90	65.70	**-7.31%**	2.360	23.60	24.90	-5.22%	38
17	7/9/2023	Head	D3700V2 SN: 1110	11/20/2023	6.450	64.50	64.09	0.64%	2.430	24.30	23.60	2.97%	
17	7/16/2023	Head	D3500V2 SN: 1060	2/7/2024	6.750	67.50	65.70	2.74%	2.620	26.20	24.90	5.22%	
17	7/16/2023	Head	D3700V2 SN: 1110	11/20/2023	6.220	62.20	64.09	-2.95%	2.340	23.40	23.60	-0.85%	
17	7/20/2023	Head	D3500V2 SN: 1060	2/7/2024	6.560	65.60	65.70	-0.15%	2.540	25.40	24.90	2.01%	
17	7/20/2023	Head	D3700V2 SN: 1110	11/20/2023	6.040	60.40	64.09	**-5.76%**	2.260	22.60	23.60	-4.24%	39
17	7/23/2023	Head	D3700V2 SN: 1110	11/20/2023	6.060	60.60	64.09	-5.45%	2.290	22.90	23.60	-2.97%	
17	7/26/2023	Head	D3700V2 SN: 1110	11/20/2023	6.530	65.30	64.09	1.89%	2.480	24.80	23.60	5.08%	
18	7/5/2023	Head	D3900V2 SN: 1093	9/28/2023	6.930	69.30	70.30	-1.42%	2.630	26.30	24.50	7.35%	
18	7/6/2023	Head	D3500V2 SN: 1060	2/7/2024	6.350	63.50	65.70	**-3.35%**	2.620	26.20	24.90	5.22%	40
18	7/9/2023	Head	D3900V2 SN: 1093	9/28/2023	6.820	68.20	70.30	-2.99%	2.600	26.00	24.50	6.12%	
18	7/9/2023	Head	D3500V2 SN: 1060	2/7/2024	6.400	64.00	65.70	-2.59%	2.620	26.20	24.90	5.22%	
18	7/12/2023	Head	D3900V2 SN: 1093	9/28/2023	7.010	70.10	70.30	-0.28%	2.690	26.90	24.50	9.80%	
18	7/16/2023	Head	D3900V2 SN: 1093	9/28/2023	6.790	67.90	70.30	-3.41%	2.630	26.30	24.50	7.35%	
18	7/19/2023	Head	D3900V2 SN: 1093	9/28/2023	6.840	68.40	70.30	-2.70%	2.640	26.40	24.50	7.76%	
18	7/23/2023	Head	D3900V2 SN: 1093	9/28/2023	6.530	65.30	70.30	**-7.11%**	2.520	25.20	24.50	2.86%	41
18	7/26/2023	Head	D3500V2 SN: 1011	4/17/2024	6.240	62.40	65.60	**-4.88%**	2.670	26.70	24.70	8.10%	42
19	7/22/2023	Head	D3500V2 SN: 1060	2/7/2024	6.070	60.70	65.70	**-7.61%**	2.420	24.20	24.90	-2.81%	43
19	7/22/2023	Head	D3700V2 SN: 1110	11/20/2023	5.930	59.30	64.09	**-7.47%**	2.270	22.70	23.60	-3.81%	44
19	7/26/2023	Head	D3500V2 SN: 1060	2/7/2024	6.920	69.20	65.70	5.33%	2.730	27.30	24.90	9.64%	

SAR Lab	Date	Tissue Type	Dipole Type_Serial #	Dipole Cal. Due Date	Measured Results for 1g SAR				Measured Results for 10g SAR				Plot No.
					Zoom Scan (1 W)	Normalize to 1 W	Target (Ref. Value)	Delta ±10 %	Zoom Scan (1 W)	Normalize to 1 W	Target (Ref. Value)	Delta ±10 %	
2	7/20/2023	Head	CLA13 SN: 1008	1/12/2024	0.509	0.509	0.544	-6.43%	0.314	0.314	0.338	-7.10%	45

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
2	8/22/2023	Head	D3500V2 SN: 1011	4/17/2024	6.79	67.9	65.6	**3.51%**	2.66	26.6	24.7	7.69%	46
10	8/22/2023	Head	D2600V2 SN: 1036	4/11/2024	5.84	58.4	55.4	**5.42%**	2.64	26.4	24.9	6.02%	47

9. Conducted Output Power Measurements

Power measurements were performed in accordance with the device's two power modes, Mode A and Mode B for each antenna. 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 configuration by the user.

The selection between antennas in the application is based on RSSI based antenna selection. The full details of power selections are described in the operational description. 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. KDB 447498 sec.4.1.(d) at the maximum rated output power and within the tune-up tolerance range specified for the product, but not more than 2 dB lower than the maximum tune-up tolerance limit.

Two different powers are being displayed in this section:

- Target Output Power = Power not including uncertainty
- Maximum Output Power = Power of target + 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

RF Air interface	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		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	Mode A	Mode B
GSM850	Voice/GPRS (1 slot)	32.5	32.5	31.5	31.5					33.5	33.5	32.5	32.5				
	GPRS 2 slots	31.5	31.5	28.5	30.5					32.5	32.5	29.5	31.5				
	EGPRS 1 slot	27.0	27.0	26.0	26.0					28.0	28.0	27.0	27.0				
	EGPRS 2 slots	26.0	26.0	25.0	25.0					27.0	27.0	26.0	26.0				
GSM1900	Voice/GPRS (1 slot)	31.0	30.0	27.5	27.2	29.2	28.5	27.2	28.0	32.0	31.0	28.5	28.2	30.2	29.5	28.2	29.0
	GPRS 2 slots	29.5	27.0	24.5	24.2	26.2	25.5	24.2	25.2	30.5	28.0	25.5	25.2	27.2	26.5	25.2	26.2
	EGPRS 1 slot	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0	27.0	27.0	24.0	24.0	26.5	26.5	24.0	24.0
	EGPRS 2 slots	25.0	25.0	22.0	22.0	24.5	24.5	22.0	22.0	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0

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

GSM850 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.3	23.3	33.5	24.5	32.3	23.3	33.5	24.5
			190	836.6	32.9	23.9			32.9	23.9		
			251	848.8	32.7	23.7			32.7	23.7		
		2	128	824.2	31.7	25.7	32.5	**26.5**	31.7	25.7	32.5	**26.5**
			190	836.6	31.9	25.9			31.9	25.9		
			251	848.8	31.9	25.9			31.9	25.9		
EDGE (8PSK)	MCS5	1	128	824.2	27.2	18.2	28.0	19.0	27.2	18.2	28.0	19.0
			190	836.6	27.5	18.5			27.5	18.5		
			251	848.8	27.2	18.2			27.2	18.2		
		2	128	824.2	26.1	20.1	27.0	21.0	26.1	20.1	27.0	21.0
			190	836.6	26.3	20.3			26.3	20.3		
			251	848.8	26.4	20.4			26.4	20.4		

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)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.5	23.5	32.5	23.5	32.5	23.5	32.5	23.5
			190	836.6	32.5	23.5			32.5	23.5		
			251	848.8	32.5	23.5			32.5	23.5		
		2	128	824.2	28.8	22.8	29.5	**23.5**	30.7	24.7	31.5	**25.5**
			190	836.6	28.7	22.7			30.8	24.8		
			251	848.8	28.8	22.8			30.8	24.8		
EDGE (8PSK)	MCS5	1	128	824.2	26.9	17.9	27.0	18.0	26.9	17.9	27.0	18.0
			190	836.6	26.9	17.9			26.9	17.9		
			251	848.8	26.8	17.8			26.8	17.8		
		2	128	824.2	25.8	19.8	26.0	20.0	25.8	19.8	26.0	20.0
			190	836.6	26.0	20.0			26.0	20.0		
			251	848.8	25.9	19.9			25.9	19.9		

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)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	31.6	22.6	32.0	23.0	30.9	21.9	31.0	22.0
			661	1880.0	31.9	22.9			30.8	21.8		
			810	1909.8	31.8	22.8			30.8	21.8		
		2	512	1850.2	30.2	24.2	30.5	**24.5**	27.0	21.0	28.0	**22.0**
			661	1880.0	30.3	24.3			27.0	21.0		
			810	1909.8	30.2	24.2			27.0	21.0		
EDGE (8PSK)	MCS5	1	512	1850.2	26.8	17.8	27.0	18.0	26.8	17.8	27.0	18.0
			661	1880.0	26.7	17.7			26.7	17.7		
			810	1909.8	26.6	17.6			26.6	17.6		
		2	512	1850.2	25.8	19.8	26.0	20.0	25.8	19.8	26.0	20.0
			661	1880.0	25.9	19.9			25.9	19.9		
			810	1909.8	25.8	19.8			25.8	19.8		

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)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	28.5	19.5	28.5	19.5	28.0	19.0	28.2	19.2
			661	1880.0	28.5	19.5			28.2	19.2		
			810	1909.8	28.4	19.4			28.2	19.2		
		2	512	1850.2	24.5	18.5	25.5	**19.5**	24.2	18.2	25.2	**19.2**
			661	1880.0	24.5	18.5			24.2	18.2		
			810	1909.8	24.5	18.5			24.2	18.2		
EDGE (8PSK)	MCS5	1	512	1850.2	24.0	15.0	24.0	15.0	24.0	15.0	24.0	15.0
			661	1880.0	23.6	14.6			23.6	14.6		
			810	1909.8	23.9	14.9			23.9	14.9		
		2	512	1850.2	22.9	16.9	23.0	17.0	22.9	16.9	23.0	17.0
			661	1880.0	22.8	16.8			22.8	16.8		
			810	1909.8	22.8	16.8			22.8	16.8		

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)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	29.1	20.1	30.2	21.2	28.2	19.2	29.5	20.5
			661	1880.0	29.9	20.9			28.3	19.3		
			810	1909.8	29.5	20.5			28.3	19.3		
		2	512	1850.2	26.4	20.4	27.2	**21.2**	25.5	19.5	26.5	**20.5**
			661	1880.0	26.4	20.4			25.5	19.5		
			810	1909.8	26.5	20.5			25.5	19.5		
EDGE (8PSK)	MCS5	1	512	1850.2	25.9	16.9	26.5	17.5	25.9	16.9	26.5	17.5
			661	1880.0	26.2	17.2			26.2	17.2		
			810	1909.8	25.9	16.9			25.9	16.9		
		2	512	1850.2	25.0	19.0	25.5	19.5	25.0	19.0	25.5	19.5
			661	1880.0	24.8	18.8			24.8	18.8		
			810	1909.8	24.8	18.8			24.8	18.8		

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)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Max Output Pwr		Measured		Max Output Pwr	
					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	18.8	28.2	19.2	28.7	19.7	29.0	20.0
			661	1880.0	27.9	18.9			28.7	19.7		
			810	1909.8	27.8	18.8			28.6	19.6		
		2	512	1850.2	24.2	18.2	25.2	**19.2**	25.2	19.2	26.2	**20.2**
			661	1880.0	24.3	18.3			25.2	19.2		
			810	1909.8	24.3	18.3			25.2	19.2		
EDGE (8PSK)	MCS5	1	512	1850.2	23.5	14.5	24.0	15.0	23.5	14.5	24.0	15.0
			661	1880.0	23.6	14.6			23.6	14.6		
			810	1909.8	23.2	14.2			23.2	14.2		
		2	512	1850.2	22.6	16.6	23.0	17.0	22.6	16.6	23.0	17.0
			661	1880.0	22.7	16.7			22.7	16.7		
			810	1909.8	22.7	16.7			22.7	16.7		

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
	βc/βd	8/15

Maximum Output Power for W-CDMA

SAR measurement is not required for the HSDPA, HSUPA, DC-HSDPA and HSPA+. When primary mode and the adjusted SAR is ≤ 1.2 W/kg and secondary mode is ≤ ¼ dB higher than the primary mode

RF Air interface	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		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	Mode A	Mode B
W-CDMA Band 2	R99	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	HSDPA	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	HSUPA	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	DC-HSDPA	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	HSPA+	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
W-CDMA Band 4	R99	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	HSDPA	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	HSUPA	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	DC-HSDPA	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	HSPA+	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
W-CDMA Band 5	R99	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	HSDPA	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	HSUPA	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	DC-HSDPA	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	HSPA+	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				

W-CDMA Band 2 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	24.2	N/A	24.5	21.1	N/A	22.0
		9400	1880.0	24.3			21.1		
		9538	1907.6	24.3			21.1		
HSDPA	Subtest 1	9262	1852.4	23.0	0	24.5	20.6	0	22.0
		9400	1880.0	23.2			20.7		
		9538	1907.6	23.1			20.6		
	Subtest 2	9262	1852.4	23.1	0	24.5	20.5	0	22.0
		9400	1880.0	23.1			20.5		
		9538	1907.6	23.0			20.6		
	Subtest 3	9262	1852.4	22.5	0.5	24.0	20.1	0.5	21.5
		9400	1880.0	22.6			20.2		
		9538	1907.6	22.5			20.2		
	Subtest 4	9262	1852.4	22.6	0.5	24.0	20.2	0.5	21.5
		9400	1880.0	22.6			20.3		
		9538	1907.6	22.6			20.2		
HSUPA	Subtest 1	9262	1852.4	23.1	0	24.5	20.7	0	22.0
		9400	1880.0	23.2			20.8		
		9538	1907.6	23.1			20.7		
	Subtest 2	9262	1852.4	21.1	2	22.5	18.5	2	20.0
		9400	1880.0	21.2			18.6		
		9538	1907.6	21.1			18.6		
	Subtest 3	9262	1852.4	22.1	1	23.5	19.5	1	21.0
		9400	1880.0	22.1			19.6		
		9538	1907.6	22.1			19.6		
	Subtest 4	9262	1852.4	21.1	2	22.5	18.5	2	20.0
		9400	1880.0	21.1			18.6		
		9538	1907.6	21.2			18.6		
	Subtest 5	9262	1852.4	22.5	0	24.5	20.3	0	22.0
		9400	1880.0	22.6			20.4		
		9538	1907.6	22.5			20.3		
DC-HSDPA	Subtest 1	9262	1852.4	23.1	0	24.5	20.7	0	22.0
		9400	1880.0	23.2			20.8		
		9538	1907.6	23.1			20.8		
	Subtest 2	9262	1852.4	23.2	0	24.5	20.6	0	22.0
		9400	1880.0	23.2			20.7		
		9538	1907.6	23.2			20.7		
	Subtest 3	9262	1852.4	22.5	0.5	24.0	20.3	0.5	21.5
		9400	1880.0	22.6			20.3		
		9538	1907.6	22.6			20.2		
	Subtest 4	9262	1852.4	22.6	0.5	24.0	20.2	0.5	21.5
		9400	1880.0	22.7			20.3		
		9538	1907.6	22.6			20.2		
HSPA+	Subtest 1	9262	1852.4	23.1	2.5	24.5	20.7	2.5	22.0
		9400	1880.0	23.2			20.8		
		9538	1907.6	23.1			20.8		

W-CDMA Band 2 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	18.5	N/A	19.5	18.2	N/A	19.2
		9400	1880.0	18.5			18.2		
		9538	1907.6	18.5			18.2		
HSDPA	Subtest 1	9262	1852.4	17.8	0	19.5	17.6	0	19.2
		9400	1880.0	17.8			17.6		
		9538	1907.6	17.7			17.5		
	Subtest 2	9262	1852.4	17.8	0	19.5	17.5	0	19.2
		9400	1880.0	17.7			17.5		
		9538	1907.6	17.7			17.4		
	Subtest 3	9262	1852.4	17.3	0.5	19.0	17.1	0.5	18.7
		9400	1880.0	17.3			17.0		
		9538	1907.6	17.2			17.0		
	Subtest 4	9262	1852.4	17.3	0.5	19.0	17.0	0.5	18.7
		9400	1880.0	17.3			17.1		
		9538	1907.6	17.2			16.9		
HSUPA	Subtest 1	9262	1852.4	17.8	0	19.5	17.5	0	19.2
		9400	1880.0	17.8			17.5		
		9538	1907.6	17.7			17.5		
	Subtest 2	9262	1852.4	15.8	2	17.5	15.5	2	17.2
		9400	1880.0	15.8			15.5		
		9538	1907.6	15.7			15.4		
	Subtest 3	9262	1852.4	16.8	1	18.5	16.5	1	18.2
		9400	1880.0	16.8			16.5		
		9538	1907.6	16.7			16.4		
	Subtest 4	9262	1852.4	15.8	2	17.5	15.5	2	17.2
		9400	1880.0	15.8			15.5		
		9538	1907.6	15.7			15.4		
	Subtest 5	9262	1852.4	17.8	0	19.5	17.5	0	19.2
		9400	1880.0	17.8			17.5		
		9538	1907.6	17.7			17.5		
DC-HSDPA	Subtest 1	9262	1852.4	17.8	0	19.5	17.6	0	19.2
		9400	1880.0	17.8			17.6		
		9538	1907.6	17.8			17.5		
	Subtest 2	9262	1852.4	17.8	0	19.5	17.5	0	19.2
		9400	1880.0	17.8			17.5		
		9538	1907.6	17.7			17.4		
	Subtest 3	9262	1852.4	17.3	0.5	19.0	17.0	0.5	18.7
		9400	1880.0	17.3			17.1		
		9538	1907.6	17.2			17.0		
	Subtest 4	9262	1852.4	17.4	0.5	19.0	17.1	0.5	18.7
		9400	1880.0	17.3			17.1		
		9538	1907.6	17.2			17.0		
HSPA+	Subtest 1	9262	1852.4	17.8	2.5	19.5	17.6	2.5	19.2
		9400	1880.0	17.8			17.5		
		9538	1907.6	17.8			17.6		

W-CDMA Band 2 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	21.0	N/A	21.2	19.8	N/A	20.5
		9400	1880.0	21.1			19.8		
		9538	1907.6	21.0			19.8		
HSDPA	Subtest 1	9262	1852.4	20.3	0	21.2	19.1	0	20.5
		9400	1880.0	20.5			19.3		
		9538	1907.6	20.2			19.0		
	Subtest 2	9262	1852.4	20.2	0	21.2	19.1	0	20.5
		9400	1880.0	20.4			19.2		
		9538	1907.6	20.1			19.0		
	Subtest 3	9262	1852.4	19.7	0.5	20.7	18.6	0.5	20.0
		9400	1880.0	19.9			18.8		
		9538	1907.6	19.6			18.5		
	Subtest 4	9262	1852.4	19.8	0.5	20.7	18.6	0.5	20.0
		9400	1880.0	19.9			18.8		
		9538	1907.6	19.7			18.5		
HSUPA	Subtest 1	9262	1852.4	20.2	0	21.2	19.0	0	20.5
		9400	1880.0	20.4			19.2		
		9538	1907.6	20.2			19.0		
	Subtest 2	9262	1852.4	18.2	2	19.2	17.1	2	18.5
		9400	1880.0	18.4			17.3		
		9538	1907.6	18.2			17.0		
	Subtest 3	9262	1852.4	19.2	1	20.2	18.1	1	19.5
		9400	1880.0	19.4			18.2		
		9538	1907.6	19.2			18.0		
	Subtest 4	9262	1852.4	18.3	2	19.2	17.1	2	18.5
		9400	1880.0	18.4			17.2		
		9538	1907.6	18.2			17.0		
	Subtest 5	9262	1852.4	19.8	0	21.2	18.7	0	20.5
		9400	1880.0	20.0			18.8		
		9538	1907.6	19.8			18.7		
DC-HSDPA	Subtest 1	9262	1852.4	20.3	0	21.2	19.1	0	20.5
		9400	1880.0	20.5			19.3		
		9538	1907.6	20.2			19.0		
	Subtest 2	9262	1852.4	20.2	0	21.2	19.0	0	20.5
		9400	1880.0	20.5			19.2		
		9538	1907.6	20.2			18.9		
	Subtest 3	9262	1852.4	19.7	0.5	20.7	18.5	0.5	20.0
		9400	1880.0	19.9			18.7		
		9538	1907.6	19.7			18.5		
	Subtest 4	9262	1852.4	19.8	0.5	20.7	18.6	0.5	20.0
		9400	1880.0	20.0			18.8		
		9538	1907.6	19.7			18.5		
HSPA+	Subtest 1	9262	1852.4	20.2	2.5	21.2	19.0	2.5	20.5
		9400	1880.0	20.4			19.3		
		9538	1907.6	20.2			19.0		

W-CDMA Band 2 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	18.4	N/A	19.2	19.7	N/A	20.2
		9400	1880.0	18.4			19.9		
		9538	1907.6	18.4			19.7		
HSDPA	Subtest 1	9262	1852.4	17.4	0	19.2	18.8	0	20.2
		9400	1880.0	17.5			18.9		
		9538	1907.6	17.5			18.9		
	Subtest 2	9262	1852.4	17.6	0	19.2	18.7	0	20.2
		9400	1880.0	17.5			18.9		
		9538	1907.6	17.5			18.8		
	Subtest 3	9262	1852.4	16.9	0.5	18.7	18.3	0.5	19.7
		9400	1880.0	17.0			18.4		
		9538	1907.6	17.0			18.4		
	Subtest 4	9262	1852.4	16.9	0.5	18.7	18.2	0.5	19.7
		9400	1880.0	17.0			18.4		
		9538	1907.6	17.0			18.4		
HSUPA	Subtest 1	9262	1852.4	17.6	0	19.2	18.7	0	20.2
		9400	1880.0	17.5			18.9		
		9538	1907.6	17.5			18.9		
	Subtest 2	9262	1852.4	15.6	2	17.2	16.7	2	18.2
		9400	1880.0	15.5			16.9		
		9538	1907.6	15.5			16.9		
	Subtest 3	9262	1852.4	16.6	1	18.2	17.7	1	19.2
		9400	1880.0	16.4			17.8		
		9538	1907.6	16.5			17.9		
	Subtest 4	9262	1852.4	15.4	2	17.2	16.8	2	18.2
		9400	1880.0	15.4			16.8		
		9538	1907.6	15.5			16.9		
	Subtest 5	9262	1852.4	17.6	0	19.2	18.4	0	20.2
		9400	1880.0	17.5			18.4		
		9538	1907.6	17.5			18.5		
DC-HSDPA	Subtest 1	9262	1852.4	17.4	0	19.2	18.8	0	20.2
		9400	1880.0	17.5			18.9		
		9538	1907.6	17.5			18.9		
	Subtest 2	9262	1852.4	17.6	0	19.2	18.8	0	20.2
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.5			18.9		
	Subtest 3	9262	1852.4	16.9	0.5	18.7	18.2	0.5	19.7
		9400	1880.0	17.0			18.4		
		9538	1907.6	17.0			18.4		
	Subtest 4	9262	1852.4	16.9	0.5	18.7	18.3	0.5	19.7
		9400	1880.0	17.0			18.4		
		9538	1907.6	17.0			18.4		
HSPA+	Subtest 1	9262	1852.4	17.6	2.5	19.2	18.8	2.5	20.2
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.4			18.9		

W-CDMA Band 4 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	25.0	N/A	25.0	18.8	N/A	19.7
		1413	1732.6	24.9			18.8		
		1513	1752.6	24.9			18.8		
HSDPA	Subtest 1	1312	1712.4	24.2	0	25.0	18.4	0	19.7
		1413	1732.6	24.2			18.4		
		1513	1752.6	24.2			18.4		
	Subtest 2	1312	1712.4	24.1	0	25.0	18.3	0	19.7
		1413	1732.6	24.2			18.4		
		1513	1752.6	24.2			18.4		
	Subtest 3	1312	1712.4	23.6	0.5	24.5	17.9	0.5	19.2
		1413	1732.6	23.7			17.9		
		1513	1752.6	23.7			17.8		
	Subtest 4	1312	1712.4	23.6	0.5	24.5	17.8	0.5	19.2
		1413	1732.6	23.7			17.9		
		1513	1752.6	23.6			17.9		
HSUPA	Subtest 1	1312	1712.4	24.2	0	25.0	18.3	0	19.7
		1413	1732.6	24.2			18.4		
		1513	1752.6	24.2			18.4		
	Subtest 2	1312	1712.4	22.1	2	23.0	16.4	2	17.7
		1413	1732.6	22.2			16.4		
		1513	1752.6	22.2			16.4		
	Subtest 3	1312	1712.4	23.2	1	24.0	17.3	1	18.7
		1413	1732.6	23.2			17.4		
		1513	1752.6	23.2			17.4		
	Subtest 4	1312	1712.4	22.2	2	23.0	16.3	2	17.7
		1413	1732.6	22.2			16.4		
		1513	1752.6	22.2			16.4		
	Subtest 5	1312	1712.4	23.7	0	25.0	17.9	0	19.7
		1413	1732.6	23.8			18.0		
		1513	1752.6	23.7			17.9		
DC-HSDPA	Subtest 1	1312	1712.4	24.2	0	25.0	18.4	0	19.7
		1413	1732.6	24.2			18.4		
		1513	1752.6	24.2			18.4		
	Subtest 2	1312	1712.4	24.1	0	25.0	18.3	0	19.7
		1413	1732.6	24.2			18.4		
		1513	1752.6	24.2			18.4		
	Subtest 3	1312	1712.4	23.7	0.5	24.5	17.8	0.5	19.2
		1413	1732.6	23.7			17.9		
		1513	1752.6	23.6			17.8		
	Subtest 4	1312	1712.4	23.7	0.5	24.5	17.8	0.5	19.2
		1413	1732.6	23.7			17.9		
		1513	1752.6	23.7			17.9		
HSPA+	Subtest 1	1312	1712.4	24.2	2.5	25.0	18.3	2.5	19.7
		1413	1732.6	24.2			18.4		
		1513	1752.6	24.2			18.4		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	22.0	N/A	23.0	21.0	N/A	22.0
		1413	1732.6	22.0			21.0		
		1513	1752.6	22.0			21.0		
HSDPA	Subtest 1	1312	1712.4	21.7	0	23.0	20.8	0	22.0
		1413	1732.6	21.6			20.7		
		1513	1752.6	21.6			20.7		
	Subtest 2	1312	1712.4	21.7	0	23.0	20.8	0	22.0
		1413	1732.6	21.5			20.6		
		1513	1752.6	21.5			20.6		
	Subtest 3	1312	1712.4	21.2	0.5	22.5	20.2	0.5	21.5
		1413	1732.6	21.0			20.1		
		1513	1752.6	21.0			20.2		
	Subtest 4	1312	1712.4	21.2	0.5	22.5	20.3	0.5	21.5
		1413	1732.6	21.0			20.1		
		1513	1752.6	21.1			20.2		
HSUPA	Subtest 1	1312	1712.4	21.6	0	23.0	20.7	0	22.0
		1413	1732.6	21.5			20.7		
		1513	1752.6	21.6			20.7		
	Subtest 2	1312	1712.4	19.7	2	21.0	18.7	2	20.0
		1413	1732.6	19.6			18.6		
		1513	1752.6	19.6			18.7		
	Subtest 3	1312	1712.4	20.7	1	22.0	19.8	1	21.0
		1413	1732.6	20.5			19.7		
		1513	1752.6	20.6			19.7		
	Subtest 4	1312	1712.4	19.7	2	21.0	18.7	2	20.0
		1413	1732.6	19.5			18.7		
		1513	1752.6	19.6			18.7		
	Subtest 5	1312	1712.4	21.2	0	23.0	20.3	0	22.0
		1413	1732.6	21.1			20.2		
		1513	1752.6	21.1			20.3		
DC-HSDPA	Subtest 1	1312	1712.4	21.7	0	23.0	20.8	0	22.0
		1413	1732.6	21.6			20.7		
		1513	1752.6	21.6			20.7		
	Subtest 2	1312	1712.4	21.7	0	23.0	20.8	0	22.0
		1413	1732.6	21.5			20.6		
		1513	1752.6	21.5			20.7		
	Subtest 3	1312	1712.4	21.1	0.5	22.5	20.3	0.5	21.5
		1413	1732.6	21.0			20.1		
		1513	1752.6	21.0			20.2		
	Subtest 4	1312	1712.4	21.2	0.5	22.5	20.3	0.5	21.5
		1413	1732.6	21.0			20.2		
		1513	1752.6	21.1			20.2		
HSPA+	Subtest 1	1312	1712.4	21.6	2.5	23.0	20.8	2.5	22.0
		1413	1732.6	21.5			20.7		
		1513	1752.6	21.6			20.7		

W-CDMA Band 4 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	20.6	N/A	21.0	20.1	N/A	20.7
		1413	1732.6	20.5			20.1		
		1513	1752.6	20.7			20.1		
HSDPA	Subtest 1	1312	1712.4	20.0	0	21.0	19.4	0	20.7
		1413	1732.6	20.1			19.5		
		1513	1752.6	20.0			19.4		
	Subtest 2	1312	1712.4	20.0	0	21.0	19.4	0	20.7
		1413	1732.6	20.1			19.5		
		1513	1752.6	20.0			19.4		
	Subtest 3	1312	1712.4	19.5	0.5	20.5	18.9	0.5	20.2
		1413	1732.6	19.6			19.0		
		1513	1752.6	19.5			18.9		
	Subtest 4	1312	1712.4	19.5	0.5	20.5	18.9	0.5	20.2
		1413	1732.6	19.6			19.0		
		1513	1752.6	19.5			18.9		
HSUPA	Subtest 1	1312	1712.4	20.0	0	21.0	19.4	0	20.7
		1413	1732.6	20.1			19.5		
		1513	1752.6	20.0			19.4		
	Subtest 2	1312	1712.4	18.0	2	19.0	17.4	2	18.7
		1413	1732.6	18.1			17.5		
		1513	1752.6	18.0			17.4		
	Subtest 3	1312	1712.4	19.0	1	20.0	18.4	1	19.7
		1413	1732.6	19.2			18.5		
		1513	1752.6	19.0			18.4		
	Subtest 4	1312	1712.4	18.0	2	19.0	17.4	2	18.7
		1413	1732.6	18.2			17.5		
		1513	1752.6	18.0			17.4		
	Subtest 5	1312	1712.4	19.6	0	21.0	18.9	0	20.7
		1413	1732.6	19.7			19.1		
		1513	1752.6	19.6			19.0		
DC-HSDPA	Subtest 1	1312	1712.4	20.0	0	21.0	19.5	0	20.7
		1413	1732.6	20.1			19.6		
		1513	1752.6	20.0			19.5		
	Subtest 2	1312	1712.4	20.0	0	21.0	19.5	0	20.7
		1413	1732.6	20.1			19.5		
		1513	1752.6	20.0			19.4		
	Subtest 3	1312	1712.4	19.5	0.5	20.5	18.9	0.5	20.2
		1413	1732.6	19.6			19.1		
		1513	1752.6	19.5			18.9		
	Subtest 4	1312	1712.4	19.5	0.5	20.5	18.9	0.5	20.2
		1413	1732.6	19.6			19.1		
		1513	1752.6	19.5			18.9		
HSPA+	Subtest 1	1312	1712.4	20.0	2.5	21.0	19.5	2.5	20.7
		1413	1732.6	20.1			19.5		
		1513	1752.6	20.0			19.5		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	19.7	N/A	20.5	18.5	N/A	19.5
		1413	1732.6	19.7			18.5		
		1513	1752.6	19.7			18.5		
HSDPA	Subtest 1	1312	1712.4	19.4	0	20.5	18.1	0	19.5
		1413	1732.6	19.3			18.0		
		1513	1752.6	19.3			17.9		
	Subtest 2	1312	1712.4	19.4	0	20.5	18.1	0	19.5
		1413	1732.6	19.3			17.9		
		1513	1752.6	19.3			17.9		
	Subtest 3	1312	1712.4	18.9	0.5	20.0	17.5	0.5	19.0
		1413	1732.6	18.8			17.4		
		1513	1752.6	18.8			17.4		
	Subtest 4	1312	1712.4	18.9	0.5	20.0	17.6	0.5	19.0
		1413	1732.6	18.8			17.4		
		1513	1752.6	18.8			17.4		
HSUPA	Subtest 1	1312	1712.4	19.4	0	20.5	18.1	0	19.5
		1413	1732.6	19.3			17.9		
		1513	1752.6	19.3			17.9		
	Subtest 2	1312	1712.4	17.4	2	18.5	16.1	2	17.5
		1413	1732.6	17.3			16.0		
		1513	1752.6	17.3			16.0		
	Subtest 3	1312	1712.4	18.4	1	19.5	17.1	1	18.5
		1413	1732.6	18.4			17.0		
		1513	1752.6	18.4			17.0		
	Subtest 4	1312	1712.4	17.4	2	18.5	16.1	2	17.5
		1413	1732.6	17.4			16.0		
		1513	1752.6	17.3			16.0		
	Subtest 5	1312	1712.4	19.0	0	20.5	17.6	0	19.5
		1413	1732.6	18.9			17.5		
		1513	1752.6	18.9			17.5		
DC-HSDPA	Subtest 1	1312	1712.4	19.5	0	20.5	18.1	0	19.5
		1413	1732.6	19.4			17.9		
		1513	1752.6	19.3			17.9		
	Subtest 2	1312	1712.4	19.5	0	20.5	18.1	0	19.5
		1413	1732.6	19.3			17.9		
		1513	1752.6	19.3			17.9		
	Subtest 3	1312	1712.4	18.9	0.5	20.0	17.5	0.5	19.0
		1413	1732.6	18.8			17.4		
		1513	1752.6	18.8			17.4		
	Subtest 4	1312	1712.4	19.0	0.5	20.0	17.5	0.5	19.0
		1413	1732.6	18.8			17.4		
		1513	1752.6	18.8			17.4		
HSPA+	Subtest 1	1312	1712.4	19.4	2.5	20.5	18.1	2.5	19.5
		1413	1732.6	19.4			17.9		
		1513	1752.6	19.3			17.9		

W-CDMA Band 5 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	25.2	N/A	25.7	25.2	N/A	25.7
		4183	836.6	25.2			25.2		
		4233	846.6	25.2			25.2		
HSDPA	Subtest 1	4132	826.4	24.5	0	25.7	24.5	0	25.7
		4183	836.6	24.6			24.6		
		4233	846.6	24.5			24.5		
	Subtest 2	4132	826.4	24.5	0	25.7	24.5	0	25.7
		4183	836.6	24.6			24.6		
		4233	846.6	24.5			24.5		
	Subtest 3	4132	826.4	24.0	0.5	25.2	24.0	0.5	25.2
		4183	836.6	24.1			24.1		
		4233	846.6	24.0			24.0		
	Subtest 4	4132	826.4	23.9	0.5	25.2	23.9	0.5	25.2
		4183	836.6	24.1			24.1		
		4233	846.6	23.8			23.8		
HSUPA	Subtest 1	4132	826.4	24.5	0	25.7	24.5	0	25.7
		4183	836.6	24.6			24.6		
		4233	846.6	24.5			24.5		
	Subtest 2	4132	826.4	22.5	2	23.7	22.5	2	23.7
		4183	836.6	22.6			22.6		
		4233	846.6	22.5			22.5		
	Subtest 3	4132	826.4	23.5	1	24.7	23.5	1	24.7
		4183	836.6	23.5			23.5		
		4233	846.6	23.5			23.5		
	Subtest 4	4132	826.4	22.5	2	23.7	22.5	2	23.7
		4183	836.6	22.6			22.6		
		4233	846.6	22.5			22.5		
	Subtest 5	4132	826.4	24.0	0	25.7	24.0	0	25.7
		4183	836.6	24.1			24.1		
		4233	846.6	24.1			24.1		
DC-HSDPA	Subtest 1	4132	826.4	24.4	0	25.7	24.4	0	25.7
		4183	836.6	24.5			24.5		
		4233	846.6	24.5			24.5		
	Subtest 2	4132	826.4	24.4	0	25.7	24.4	0	25.7
		4183	836.6	24.5			24.5		
		4233	846.6	24.5			24.5		
	Subtest 3	4132	826.4	24.0	0.5	25.2	24.0	0.5	25.2
		4183	836.6	24.0			24.0		
		4233	846.6	24.0			24.0		
	Subtest 4	4132	826.4	23.9	0.5	25.2	23.9	0.5	25.2
		4183	836.6	24.0			24.0		
		4233	846.6	24.0			24.0		
HSPA+	Subtest 1	4132	826.4	24.5	2.5	25.7	24.5	2.5	25.7
		4183	836.6	24.5			24.5		
		4233	846.6	24.5			24.5		

W-CDMA Band 5 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	22.5	N/A	23.5	24.0	N/A	24.7
		4183	836.6	22.5			24.1		
		4233	846.6	22.5			24.0		
HSDPA	Subtest 1	4132	826.4	22.2	0	23.5	23.4	0	24.7
		4183	836.6	22.3			23.2		
		4233	846.6	22.1			23.0		
	Subtest 2	4132	826.4	22.3	0	23.5	23.1	0	24.7
		4183	836.6	22.3			23.2		
		4233	846.6	22.1			23.0		
	Subtest 3	4132	826.4	21.7	0.5	23.0	22.6	0.5	24.2
		4183	836.6	21.8			22.7		
		4233	846.6	21.6			22.5		
	Subtest 4	4132	826.4	21.7	0.5	23.0	22.6	0.5	24.2
		4183	836.6	21.8			22.7		
		4233	846.6	21.6			22.5		
HSUPA	Subtest 1	4132	826.4	22.3	0	23.5	23.1	0	24.7
		4183	836.6	22.3			23.2		
		4233	846.6	22.1			23.1		
	Subtest 2	4132	826.4	20.2	2	21.5	21.1	2	22.7
		4183	836.6	20.3			21.2		
		4233	846.6	20.1			21.0		
	Subtest 3	4132	826.4	21.3	1	22.5	22.1	1	23.7
		4183	836.6	21.3			22.2		
		4233	846.6	21.1			22.0		
	Subtest 4	4132	826.4	20.3	2	21.5	21.1	2	22.7
		4183	836.6	20.3			21.2		
		4233	846.6	20.1			21.0		
	Subtest 5	4132	826.4	21.8	0	23.5	22.7	0	24.7
		4183	836.6	21.9			22.8		
		4233	846.6	21.7			22.7		
DC-HSDPA	Subtest 1	4132	826.4	22.2	0	23.5	23.1	0	24.7
		4183	836.6	22.3			23.2		
		4233	846.6	22.1			23.0		
	Subtest 2	4132	826.4	22.3	0	23.5	23.1	0	24.7
		4183	836.6	22.3			23.2		
		4233	846.6	22.1			23.0		
	Subtest 3	4132	826.4	21.7	0.5	23.0	22.6	0.5	24.2
		4183	836.6	21.8			22.7		
		4233	846.6	21.6			22.5		
	Subtest 4	4132	826.4	21.7	0.5	23.0	22.7	0.5	24.2
		4183	836.6	21.8			22.7		
		4233	846.6	21.6			22.5		
HSPA+	Subtest 1	4132	826.4	22.3	2.5	23.5	23.1	2.5	24.7
		4183	836.6	22.3			23.2		
		4233	846.6	22.1			23.0		

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:

a) The maximum output power for the smaller band must be ≤ 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.

- 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)

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 QPSK configuration has the highest maximum average output power per 3GPP standard.

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.

RF Air interface	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		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	Mode A	Mode B
LTE Band 2	QPSK	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
LTE Band 4	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
LTE Band 5	QPSK	24.7	24.7	22.5	24.2	24.4	24.4			25.7	25.7	23.5	25.2	25.4	25.4		
LTE Band 7	QPSK	22.0	19.0	16.0	18.0	19.2	18.2	18.2	17.2	23.0	20.0	17.0	19.0	20.2	19.2	19.2	18.2
LTE Band 12	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
LTE Band 13	QPSK	24.7	24.7	22.7	23.7	24.4	24.4			25.7	25.7	23.7	24.7	25.4	25.4		
LTE Band 14	QPSK	24.7	24.7	22.7	23.7	24.4	24.4			25.7	25.7	23.7	24.7	25.4	25.4		
LTE Band 17	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
LTE Band 25	QPSK	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
LTE Band 26	QPSK	24.7	24.7	22.5	23.7	24.4	24.4			25.7	25.7	23.5	24.7	25.4	25.4		
LTE Band 30	QPSK	21.2	19.0	18.5	18.7	20.0	19.2	20.5	18.0	22.2	20.0	19.5	19.7	21.0	20.2	21.5	19.0
LTE Band 41 (PC3)	QPSK	24.2	21.0	17.5	19.5	21.7	20.8	20.5	19.2	25.2	22.0	18.5	20.5	22.7	21.8	21.5	20.2
LTE Band 41 (PC 2)	QPSK	25.8	22.6	19.1	21.1	23.3	22.4	22.1	20.8	26.8	23.6	20.1	22.1	24.3	23.4	23.1	21.8
LTE Band 53	QPSK	19.7	19.7	17.5	19.5					20.7	20.7	18.5	20.5				
LTE Band 66	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
LTE Band 71	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
RF Air interface	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4		ANT7		ANT8		ANT9		ANT4	
		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	Mode A	Mode B
LTE Band 48	QPSK	22.5	21.5	21.8	21.5	24.3	21.8	22.8	20.5	23.5	22.5	22.8	22.5	25.3	22.8	23.8	21.5

LTE Band 5 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				20525	MPR	Max Output Pwr	20525	MPR	Max Output Pwr
				836.5 MHz			836.5 MHz		
10	QPSK	1	0	25.3	0	25.7	25.3	0	25.7
		1	25	25.5	0	25.7	25.5	0	25.7
		1	49	25.3	0	25.7	25.3	0	25.7
		25	0	24.4	1	24.7	24.4	1	24.7
		25	12	24.6	1	24.7	24.6	1	24.7
		25	25	24.4	1	24.7	24.4	1	24.7
		50	0	24.5	1	24.7	24.5	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7
		1	25	24.6	1	24.7	24.6	1	24.7
		1	49	24.6	1	24.7	24.6	1	24.7
		25	0	23.4	2	23.7	23.4	2	23.7
		25	12	23.4	2	23.7	23.4	2	23.7
		25	25	23.5	2	23.7	23.5	2	23.7
		50	0	23.4	2	23.7	23.4	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	25	23.4	2	23.7	23.4	2	23.7
		1	49	23.3	2	23.7	23.3	2	23.7
		25	0	22.2	3	22.7	22.2	3	22.7
		25	12	22.2	3	22.7	22.2	3	22.7
		25	25	22.3	3	22.7	22.3	3	22.7
		50	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.3	5	20.7	20.3	5	20.7
		1	25	20.5	5	20.7	20.5	5	20.7
		1	49	20.4	5	20.7	20.4	5	20.7
		25	0	20.2	5	20.7	20.2	5	20.7
		25	12	20.2	5	20.7	20.2	5	20.7
		25	25	20.3	5	20.7	20.3	5	20.7
		50	0	20.2	5	20.7	20.2	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
				20425	20525	20625	MPR	20425	20525	20625	MPR
				826.5 MHz	836.5 MHz	846.5 MHz		826.5 MHz	836.5 MHz	846.5 MHz	
5	QPSK	1	0	25.2	25.3	25.3	0	25.2	25.3	25.3	0
		1	12	25.3	25.3	25.4	0	25.3	25.3	25.4	0
		1	24	25.2	25.3	25.4	0	25.2	25.3	25.4	0
		12	0	24.2	24.3	24.3	1	24.2	24.3	24.3	1
		12	7	24.3	24.3	24.4	1	24.3	24.3	24.4	1
		12	13	24.3	24.4	24.4	1	24.3	24.4	24.4	1
		25	0	24.3	24.3	24.3	1	24.3	24.3	24.3	1
	16QAM	1	0	24.6	24.6	24.7	1	24.6	24.6	24.7	1
		1	12	24.7	24.7	24.7	1	24.7	24.7	24.7	1
		1	24	24.6	24.6	24.7	1	24.6	24.6	24.7	1
		12	0	23.2	23.4	23.4	2	23.2	23.4	23.4	2
		12	7	23.3	23.4	23.5	2	23.3	23.4	23.5	2
		12	13	23.3	23.5	23.5	2	23.3	23.5	23.5	2
		25	0	23.3	23.3	23.4	2	23.3	23.3	23.4	2
	64QAM	1	0	23.2	23.4	23.4	2	23.3	23.5	23.5	2
		1	12	23.3	23.5	23.5	2	23.4	23.6	23.6	2
		1	24	23.2	23.4	23.4	2	23.3	23.5	23.5	2
		12	0	22.0	22.2	22.2	3	22.1	22.3	22.3	3
		12	7	22.2	22.2	22.3	3	22.3	22.3	22.4	3
		12	13	22.1	22.3	22.2	3	22.2	22.4	22.3	3
		25	0	22.1	22.2	22.3	3	22.2	22.3	22.4	3
	256QAM	1	0	20.1	20.3	20.3	5	20.2	20.4	20.4	5
		1	12	20.3	20.4	20.4	5	20.4	20.5	20.5	5
		1	24	20.2	20.3	20.3	5	20.3	20.4	20.4	5
		12	0	20.1	20.2	20.2	5	20.2	20.3	20.3	5
		12	7	20.2	20.2	20.3	5	20.3	20.3	20.4	5
		12	13	20.1	20.3	20.3	5	20.2	20.4	20.4	5
		25	0	20.1	20.2	20.2	5	20.2	20.3	20.3	5

LTE Band 5 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20415	20525	20635	MPR	Max Output Pwr	20415	20525	20635	MPR	Max Output Pwr
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	25.1	25.3	25.3	0	25.7	25.1	25.3	25.3	0	25.7
		1	8	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		1	14	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		8	0	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		8	4	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		8	7	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		15	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
	16QAM	1	0	24.5	24.6	24.6	1	24.7	24.5	24.6	24.6	1	24.7
		1	8	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		1	14	24.5	24.6	24.6	1	24.7	24.5	24.6	24.6	1	24.7
		8	0	23.3	23.4	23.4	2	23.7	23.3	23.4	23.4	2	23.7
		8	4	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
		8	7	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
		15	0	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
	64QAM	1	0	23.4	23.3	23.6	2	23.7	23.4	23.3	23.6	2	23.7
		1	8	23.5	23.5	23.7	2	23.7	23.5	23.5	23.7	2	23.7
		1	14	23.5	23.6	23.6	2	23.7	23.5	23.6	23.6	2	23.7
		8	0	22.3	22.7	22.3	3	22.7	22.3	22.7	22.3	3	22.7
		8	4	22.4	22.4	22.5	3	22.7	22.4	22.4	22.5	3	22.7
		8	7	22.4	22.4	22.5	3	22.7	22.4	22.4	22.5	3	22.7
		15	0	22.3	22.5	22.4	3	22.7	22.3	22.5	22.4	3	22.7
	256QAM	1	0	20.3	20.5	20.5	5	20.7	20.3	20.5	20.5	5	20.7
		1	8	20.5	20.5	20.6	5	20.7	20.5	20.5	20.6	5	20.7
		1	14	20.4	20.7	20.6	5	20.7	20.4	20.7	20.6	5	20.7
		8	0	20.3	20.6	20.4	5	20.7	20.3	20.6	20.4	5	20.7
		8	4	20.4	20.4	20.5	5	20.7	20.4	20.4	20.5	5	20.7
		8	7	20.3	20.4	20.5	5	20.7	20.3	20.4	20.5	5	20.7
		15	0	20.3	20.5	20.4	5	20.7	20.3	20.5	20.4	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Max Output Pwr	20407	20525	20643	MPR	Max Output Pwr
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.3	25.3	24.3	0	25.7	24.3	25.3	24.3	0	25.7
		1	3	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		1	5	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		3	0	25.3	25.3	25.4	0	25.7	25.3	25.3	25.4	0	25.7
		3	1	25.3	25.3	25.4	0	25.7	25.3	25.3	25.4	0	25.7
		3	3	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
		6	0	24.7	24.7	24.4	1	24.7	24.7	24.7	24.4	1	24.7
	16QAM	1	0	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		1	3	24.6	24.6	24.6	1	24.7	24.6	24.6	24.6	1	24.7
		1	5	24.6	24.6	24.5	1	24.7	24.6	24.6	24.5	1	24.7
		3	0	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		3	1	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		3	3	24.5	24.6	24.5	1	24.7	24.5	24.6	24.5	1	24.7
		6	0	23.7	23.7	23.4	2	23.7	23.7	23.7	23.4	2	23.7
	64QAM	1	0	23.4	23.5	23.6	2	23.7	23.4	23.5	23.6	2	23.7
		1	3	23.5	23.6	23.6	2	23.7	23.5	23.6	23.6	2	23.7
		1	5	23.5	23.5	23.6	2	23.7	23.5	23.5	23.6	2	23.7
		3	0	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		3	1	23.3	23.6	23.5	2	23.7	23.3	23.6	23.5	2	23.7
		3	3	23.3	23.6	23.5	2	23.7	23.3	23.6	23.5	2	23.7
		6	0	22.2	22.4	22.4	3	22.7	22.2	22.4	22.4	3	22.7
	256QAM	1	0	20.2	20.5	20.5	5	20.7	20.2	20.5	20.5	5	20.7
		1	3	20.3	20.6	20.5	5	20.7	20.3	20.6	20.5	5	20.7
		1	5	20.3	20.5	20.4	5	20.7	20.3	20.5	20.4	5	20.7
		3	0	20.3	20.4	20.5	5	20.7	20.3	20.4	20.5	5	20.7
		3	1	20.3	20.4	20.5	5	20.7	20.3	20.4	20.5	5	20.7
		3	3	20.3	20.5	20.5	5	20.7	20.3	20.5	20.5	5	20.7
		6	0	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	5	20.7

LTE Band 5 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				20525	MPR	Max Output Pwr		20525	MPR	Max Output Pwr	
				836.5 MHz				836.5 MHz			
10	QPSK	1	0	22.6	0	23.5		24.9	0	25.2	
		1	25	22.6	0	23.5		25.0	0	25.2	
		1	49	22.6	0	23.5		24.9	0	25.2	
		25	0	22.6	0	23.5		24.0	1	24.2	
		25	12	22.6	0	23.5		24.0	1	24.2	
		25	25	22.6	0	23.5		24.0	1	24.2	
		50	0	22.6	0	23.5		23.9	1	24.2	
	16QAM	1	0	22.9	0	23.5		24.2	1	24.2	
		1	25	22.9	0	23.5		24.2	1	24.2	
		1	49	22.8	0	23.5		24.2	1	24.2	
		25	0	22.3	0.3	23.2		23.0	2	23.2	
		25	12	22.3	0.3	23.2		23.0	2	23.2	
		25	25	22.4	0.3	23.2		23.1	2	23.2	
		50	0	22.3	0.3	23.2		23.0	2	23.2	
	64QAM	1	0	23.2	0.3	23.2		23.2	2	23.2	
		1	25	23.2	0.3	23.2		23.2	2	23.2	
		1	49	23.2	0.3	23.2		23.2	2	23.2	
		25	0	22.0	1.3	22.2		22.0	3	22.2	
		25	12	22.0	1.3	22.2		22.0	3	22.2	
		25	25	22.0	1.3	22.2		22.0	3	22.2	
		50	0	22.0	1.3	22.2		22.0	3	22.2	
	256QAM	1	0	20.1	3.3	20.2		20.1	5	20.2	
		1	25	20.2	3.3	20.2		20.2	5	20.2	
		1	49	20.1	3.3	20.2		20.2	5	20.2	
		25	0	20.0	3.3	20.2		20.0	5	20.2	
		25	12	20.0	3.3	20.2		20.0	5	20.2	
		25	25	20.1	3.3	20.2		20.1	5	20.2	
		50	0	20.0	3.3	20.2		20.0	5	20.2	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Max Output Pwr	20425	20525	20625	MPR	Max Output Pwr
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	22.6	22.6	22.6	0	23.5	24.8	24.9	25.0	0	25.2
		1	12	22.7	22.7	22.6	0	23.5	25.0	25.0	25.1	0	25.2
		1	24	22.6	22.6	22.6	0	23.5	24.8	24.9	25.0	0	25.2
		12	0	22.6	22.6	22.6	0	23.5	23.8	24.0	24.0	1	24.2
		12	7	22.7	22.6	22.6	0	23.5	23.9	24.0	24.1	1	24.2
		12	13	22.6	22.6	22.6	0	23.5	23.9	24.0	24.1	1	24.2
		25	0	22.6	22.5	22.5	0	23.5	23.9	23.9	24.0	1	24.2
	16QAM	1	0	22.9	22.9	23	0	23.5	24.2	24.2	24.2	1	24.2
		1	12	23.1	23.0	23.1	0	23.5	24.2	24.2	24.2	1	24.2
		1	24	22.9	22.9	23	0	23.5	24.2	24.2	24.2	1	24.2
		12	0	22.3	22.3	22.3	0.3	23.2	22.8	23.0	23.1	2	23.2
		12	7	22.4	22.3	22.3	0.3	23.2	22.9	23.0	23.2	2	23.2
		12	13	22.4	22.4	22.4	0.3	23.2	22.9	23.1	23.2	2	23.2
		25	0	22.3	22.3	22.3	0.3	23.2	22.9	23.0	23.1	2	23.2
	64QAM	1	0	23.1	23.2	23.1	0.3	23.2	23.0	23.2	23.1	2	23.2
		1	12	23.2	23.2	23.1	0.3	23.2	23.1	23.2	23.1	2	23.2
		1	24	23.1	23.1	23.0	0.3	23.2	23.0	23.2	23.1	2	23.2
		12	0	21.8	22.0	21.8	1.3	22.2	21.9	22.0	21.8	3	22.2
		12	7	22.0	22.0	21.9	1.3	22.2	22.0	22.0	22.0	3	22.2
		12	13	21.9	22.1	21.9	1.3	22.2	22.0	22.0	21.9	3	22.2
		25	0	21.9	22.0	21.9	1.3	22.2	21.9	22.0	21.9	3	22.2
	256QAM	1	0	20.0	20.1	20.0	3.3	20.2	19.9	20.0	20.0	5	20.2
		1	12	20.2	20.2	20.1	3.3	20.2	20.1	20.2	20.1	5	20.2
		1	24	20.1	20.2	20.0	3.3	20.2	20.0	20.1	20.1	5	20.2
		12	0	19.9	20.0	19.9	3.3	20.2	19.9	20.0	19.9	5	20.2
		12	7	20.0	20.0	20.0	3.3	20.2	20.0	20.1	20.0	5	20.2
		12	13	19.9	20.1	19.9	3.3	20.2	19.9	20.1	20.0	5	20.2
		25	0	19.9	20.0	19.9	3.3	20.2	19.9	20.0	19.9	5	20.2

LTE Band 5 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20415	20525	20635	MPR	Max Output Pwr	20415	20525	20635	MPR	Max Output Pwr
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	22.5	22.5	22.5	0	23.5	24.8	24.8	25.0	0	25.2
		1	8	22.6	22.5	22.6	0	23.5	24.9	24.9	25.1	0	25.2
		1	14	22.5	22.5	22.5	0	23.5	24.8	24.9	25.0	0	25.2
		8	0	22.6	22.5	22.5	0	23.5	23.8	23.9	24.0	1	24.2
		8	4	22.6	22.6	22.6	0	23.5	23.9	23.9	24.1	1	24.2
		8	7	22.6	22.6	22.6	0	23.5	23.9	24.0	24.1	1	24.2
		15	0	22.6	22.6	22.6	0	23.5	23.9	23.9	24.0	1	24.2
	16QAM	1	0	22.8	22.9	22.8	0	23.5	24.1	24.2	24.2	1	24.2
		1	8	22.9	23.0	22.9	0	23.5	24.2	24.2	24.2	1	24.2
		1	14	22.8	22.9	22.8	0	23.5	24.1	24.2	24.2	1	24.2
		8	0	22.3	22.3	22.3	0.3	23.2	22.9	23.0	23.1	2	23.2
		8	4	22.4	22.3	22.4	0.3	23.2	23.0	23.0	23.1	2	23.2
		8	7	22.4	22.4	22.4	0.3	23.2	23.0	23.1	23.2	2	23.2
		15	0	22.3	22.3	22.3	0.3	23.2	22.9	23.0	23.0	2	23.2
	64QAM	1	0	23.0	23.1	23.1	0.3	23.2	23.0	23.1	22.9	2	23.2
		1	8	23.1	23.2	23.0	0.3	23.2	23.0	23.2	23.0	2	23.2
		1	14	22.9	23.1	23.0	0.3	23.2	23.0	23.2	22.9	2	23.2
		8	0	21.9	22.0	21.9	1.3	22.2	21.9	22.0	21.8	3	22.2
		8	4	22.0	22.0	21.9	1.3	22.2	22.0	22.0	21.9	3	22.2
		8	7	22.0	22.0	22.0	1.3	22.2	22.0	22.0	22.0	3	22.2
		15	0	21.9	22.0	21.8	1.3	22.2	21.9	21.9	21.8	3	22.2
	256QAM	1	0	19.9	20.1	19.9	3.3	20.2	19.9	20.1	20.0	5	20.2
		1	8	20.1	20.2	20.1	3.3	20.2	20.1	20.2	20.1	5	20.2
		1	14	19.9	20.1	20.0	3.3	20.2	20.0	20.2	20.0	5	20.2
		8	0	19.9	20.0	19.9	3.3	20.2	19.9	20.0	19.9	5	20.2
		8	4	19.9	20.0	19.9	3.3	20.2	20.0	20.0	19.9	5	20.2
		8	7	19.9	20.0	20.0	3.3	20.2	20.0	20.0	20.0	5	20.2
		15	0	19.9	20.0	19.9	3.3	20.2	19.9	20.0	19.9	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Max Output Pwr	20407	20525	20643	MPR	Max Output Pwr
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	22.5	22.5	22.6	0	23.5	23.8	24.9	24.9	0	25.2
		1	3	22.5	22.6	22.6	0	23.5	24.9	24.9	24.9	0	25.2
		1	5	22.5	22.5	22.5	0	23.5	24.9	24.9	25.0	0	25.2
		3	0	22.6	22.6	22.6	0	23.5	24.8	24.9	24.9	0	25.2
		3	1	22.6	22.6	22.6	0	23.5	24.9	24.9	25.0	0	25.2
		3	3	22.6	22.6	22.6	0	23.5	24.9	24.9	25.0	0	25.2
		6	0	22.6	22.6	22.6	0	23.5	24.9	24.9	24.9	1	24.2
	16QAM	1	0	22.8	22.8	22.9	0	23.5	24.1	24.2	24.2	1	24.2
		1	3	22.7	22.9	22.9	0	23.5	24.2	24.2	24.2	1	24.2
		1	5	22.7	22.9	22.8	0	23.5	24.2	24.2	24.2	1	24.2
		3	0	22.6	22.7	22.7	0	23.5	24.1	24.1	24.1	1	24.2
		3	1	22.7	22.7	22.7	0	23.5	24.1	24.1	24.2	1	24.2
		3	3	22.6	22.7	22.7	0	23.5	24.1	24.2	24.1	1	24.2
		6	0	22.3	22.3	22.3	0.3	23.2	23.2	23.2	23.2	2	23.2
	64QAM	1	0	23.2	23.2	23.0	0.3	23.2	23.1	23.1	23.0	2	23.2
		1	3	23.2	23.2	23.0	0.3	23.2	23.2	23.2	23.1	2	23.2
		1	5	23.2	23.2	22.9	0.3	23.2	23.1	23.1	22.9	2	23.2
		3	0	23.0	22.8	23.0	0.3	23.2	22.9	22.9	23.0	2	23.2
		3	1	23.0	22.8	23.0	0.3	23.2	22.9	23.0	23.0	2	23.2
		3	3	23.1	22.8	23.0	0.3	23.2	22.9	23.0	23.0	2	23.2
		6	0	21.9	21.9	22.0	1.3	22.2	21.9	22.0	22.0	3	22.2
	256QAM	1	0	20.1	20.1	20.0	3.3	20.2	19.9	20.0	20.0	5	20.2
		1	3	20.2	20.2	20.1	3.3	20.2	20.0	20.1	20.1	5	20.2
		1	5	20.1	20.1	20.0	3.3	20.2	20.0	20.1	20.0	5	20.2
		3	0	20.0	20.0	20.0	3.3	20.2	19.9	20.0	20.0	5	20.2
		3	1	20.0	20.0	20.0	3.3	20.2	19.9	20.0	20.0	5	20.2
		3	3	20.1	20.1	20.0	3.3	20.2	19.9	20.1	20.0	5	20.2
		6	0	20.1	20.0	19.7	3.3	20.2	19.9	20.1	20.0	5	20.2

LTE Band 5 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				20525	MPR	Max Output Pwr		20525	MPR	Max Output Pwr	
				836.5 MHz				836.5 MHz			
10	QPSK	1	0	25.2	0	25.4		25.2	0	25.4	
		1	25	25.2	0	25.4		25.2	0	25.4	
		1	49	25.2	0	25.4		25.2	0	25.4	
		25	0	24.2	1	24.4		24.2	1	24.4	
		25	12	24.2	1	24.4		24.2	1	24.4	
		25	25	24.2	1	24.4		24.2	1	24.4	
		50	0	24.2	1	24.4		24.2	1	24.4	
	16QAM	1	0	24.4	1	24.4		24.4	1	24.4	
		1	25	24.4	1	24.4		24.4	1	24.4	
		1	49	24.4	1	24.4		24.4	1	24.4	
		25	0	23.3	2	23.4		23.3	2	23.4	
		25	12	23.3	2	23.4		23.3	2	23.4	
		25	25	23.3	2	23.4		23.3	2	23.4	
		50	0	23.2	2	23.4		23.2	2	23.4	
	64QAM	1	0	23.2	2	23.4		23.2	2	23.4	
		1	25	23.3	2	23.4		23.3	2	23.4	
		1	49	23.3	2	23.4		23.3	2	23.4	
		25	0	22.1	3	22.4		22.1	3	22.4	
		25	12	22.1	3	22.4		22.1	3	22.4	
		25	25	22.1	3	22.4		22.1	3	22.4	
		50	0	22.0	3	22.4		22.0	3	22.4	
	256QAM	1	0	20.1	5	20.4		20.1	5	20.4	
		1	25	20.3	5	20.4		20.3	5	20.4	
		1	49	20.2	5	20.4		20.2	5	20.4	
		25	0	20.1	5	20.4		20.1	5	20.4	
		25	12	20.1	5	20.4		20.1	5	20.4	
		25	25	20.1	5	20.4		20.1	5	20.4	
		50	0	20.0	5	20.4		20.0	5	20.4	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Max Output Pwr	20425	20525	20625	MPR	Max Output Pwr
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	25.2	25.2	25.2	0	25.4	25.2	25.2	25.2	0	25.4
		1	12	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
		1	24	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
		12	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	7	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	13	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		25	0	24.2	24.2	24.2	1	24.4	24.2	24.2	24.2	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	12	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	24	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		12	7	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		12	13	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		25	0	23.3	23.3	23.2	2	23.4	23.3	23.3	23.2	2	23.4
	64QAM	1	0	23.2	23.4	23.2	2	23.4	23.2	23.4	23.2	2	23.4
		1	12	23.3	23.4	23.3	2	23.4	23.3	23.4	23.3	2	23.4
		1	24	23.2	23.4	23.2	2	23.4	23.2	23.4	23.2	2	23.4
		12	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	3	22.4
		12	7	22.1	22.1	22.1	3	22.4	22.1	22.1	22.1	3	22.4
		12	13	22.0	22.1	22.1	3	22.4	22.0	22.1	22.1	3	22.4
		25	0	21.9	22.1	22.0	3	22.4	21.9	22.1	22.0	3	22.4
	256QAM	1	0	20.0	20.2	20.2	5	20.4	20.0	20.2	20.2	5	20.4
		1	12	20.2	20.4	20.2	5	20.4	20.2	20.4	20.2	5	20.4
		1	24	20.2	20.3	20.1	5	20.4	20.2	20.3	20.1	5	20.4
		12	0	19.9	20.1	20.0	5	20.4	19.9	20.1	20.0	5	20.4
		12	7	20.0	20.1	20.1	5	20.4	20.0	20.1	20.1	5	20.4
		12	13	20.0	20.2	20.0	5	20.4	20.0	20.2	20.0	5	20.4
		25	0	20.0	20.1	20.0	5	20.4	20.0	20.1	20.0	5	20.4

LTE Band 5 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20415	20525	20635	MPR	Max Output Pwr	20415	20525	20635	MPR	Max Output Pwr
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	25.1	25.1	25.1	0	25.4	25.1	25.1	25.1	0	25.4
		1	8	25.2	25.2	25.2	0	25.4	25.2	25.2	25.2	0	25.4
		1	14	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		8	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		8	4	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		8	7	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		15	0	24.2	24.2	24.2	1	24.4	24.2	24.2	24.2	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	8	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	14	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		8	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		8	4	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		8	7	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		15	0	23.2	23.2	23.2	2	23.4	23.2	23.2	23.2	2	23.4
	64QAM	1	0	23.1	23.3	23.2	2	23.4	23.1	23.3	23.2	2	23.4
		1	8	23.2	23.4	23.3	2	23.4	23.2	23.4	23.3	2	23.4
		1	14	23.1	23.3	23.2	2	23.4	23.1	23.3	23.2	2	23.4
		8	0	21.9	22.0	22.0	3	22.4	21.9	22.0	22.0	3	22.4
		8	4	22.0	22.2	22.1	3	22.4	22.0	22.2	22.1	3	22.4
		8	7	22.0	22.1	22.1	3	22.4	22.0	22.1	22.1	3	22.4
		15	0	21.9	22.1	22.0	3	22.4	21.9	22.1	22.0	3	22.4
	256QAM	1	0	19.9	20.1	20.1	5	20.4	19.9	20.1	20.1	5	20.4
		1	8	20.1	20.3	20.2	5	20.4	20.1	20.3	20.2	5	20.4
		1	14	20.0	20.2	20.2	5	20.4	20.0	20.2	20.2	5	20.4
		8	0	19.8	20.1	19.9	5	20.4	19.8	20.1	19.9	5	20.4
		8	4	20.0	20.2	20.1	5	20.4	20.0	20.2	20.1	5	20.4
		8	7	19.9	20.2	20.1	5	20.4	19.9	20.2	20.1	5	20.4
		15	0	19.9	20.1	19.9	5	20.4	19.9	20.1	19.9	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Max Output Pwr	20407	20525	20643	MPR	Max Output Pwr
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.1	25.1	25.1	0	25.4	25.1	25.1	25.1	0	25.4
		1	3	25.2	25.2	25.1	0	25.4	25.2	25.2	25.1	0	25.4
		1	5	25.2	25.2	25.1	0	25.4	25.2	25.2	25.1	0	25.4
		3	0	25.2	25.2	25.2	0	25.4	25.2	25.2	25.2	0	25.4
		3	1	25.2	25.2	25.2	0	25.4	25.2	25.2	25.2	0	25.4
		3	3	25.2	25.2	25.2	0	25.4	25.2	25.2	25.2	0	25.4
		6	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	3	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	5	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		3	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		3	1	24.3	24.4	24.3	1	24.4	24.3	24.4	24.3	1	24.4
		3	3	24.3	24.4	24.4	1	24.4	24.3	24.4	24.4	1	24.4
		6	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
	64QAM	1	0	22.9	23.2	23.2	2	23.4	22.9	23.2	23.2	2	23.4
		1	3	23.3	23.4	23.3	2	23.4	23.3	23.4	23.3	2	23.4
		1	5	23.1	23.3	23.2	2	23.4	23.1	23.3	23.2	2	23.4
		3	0	22.9	23.2	23.1	2	23.4	22.9	23.2	23.1	2	23.4
		3	1	22.9	23.2	23.1	2	23.4	22.9	23.2	23.1	2	23.4
		3	3	22.9	23.2	23.1	2	23.4	22.9	23.2	23.1	2	23.4
		6	0	21.9	22.1	22.0	3	22.4	21.9	22.1	22.0	3	22.4
	256QAM	1	0	19.9	20.1	20.1	5	20.4	19.9	20.1	20.1	5	20.4
		1	3	20.0	20.2	20.1	5	20.4	20.0	20.2	20.1	5	20.4
		1	5	20.0	20.2	20.0	5	20.4	20.0	20.2	20.0	5	20.4
		3	0	19.9	20.1	20.0	5	20.4	19.9	20.1	20.0	5	20.4
		3	1	19.9	20.1	20.0	5	20.4	19.9	20.1	20.0	5	20.4
		3	3	19.9	20.1	20.1	5	20.4	19.9	20.1	20.1	5	20.4
		6	0	19.9	20.0	19.9	5	20.4	19.9	20.0	19.9	5	20.4

LTE Band 7 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	22.6	22.6	22.7	0	23.0	18.9	18.9	19.0	0	20.0
		1	49	22.8	22.8	22.8	0	23.0	19.1	19.1	19.0	0	20.0
		1	99	22.5	22.5	22.7	0	23.0	18.8	18.9	19.0	0	20.0
		50	0	22.7	22.7	22.7	0	23.0	19.0	19.0	19.0	0	20.0
		50	24	22.9	23.0	22.9	0	23.0	19.2	19.2	19.2	0	20.0
		50	50	22.7	22.7	22.8	0	23.0	19.0	19.1	19.1	0	20.0
		100	0	22.9	22.9	22.9	0	23.0	19.2	19.1	19.1	0	20.0
	16QAM	1	0	22.9	23.0	23.0	0	23.0	19.2	19.3	19.3	0	20.0
		1	49	22.9	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		1	99	22.8	23.0	23.0	0	23.0	19.1	19.3	19.3	0	20.0
		50	0	22.7	22.7	22.7	0	23.0	19.1	19.0	19.0	0	20.0
		50	24	22.8	22.8	22.8	0	23.0	19.1	19.1	19.1	0	20.0
		50	50	22.7	22.8	22.8	0	23.0	19.0	19.1	19.1	0	20.0
		100	0	22.7	22.8	22.8	0	23.0	19.1	19.1	19.1	0	20.0
	64QAM	1	0	22.5	22.3	22.3	0	23.0	19.4	19.3	19.3	0	20.0
		1	49	22.6	22.5	22.4	0	23.0	19.5	19.5	19.4	0	20.0
		1	99	22.5	22.3	22.3	0	23.0	19.5	19.3	19.2	0	20.0
		50	0	22.2	22.0	21.9	0	22.7	19.4	19.3	19.2	0	20.0
		50	24	22.1	22.0	22.0	0	22.7	19.4	19.3	19.2	0	20.0
		50	50	22.1	21.9	22.0	0	22.7	19.3	19.2	19.2	0	20.0
		100	0	22.1	22.0	22.0	0	22.7	19.3	19.3	19.2	0	20.0
	256QAM	1	0	20.3	20.1	20.0	2	20.7	19.5	19.4	19.1	0	20.0
		1	49	20.3	20.1	19.9	2	20.7	19.5	19.4	19.1	0	20.0
		1	99	20.4	20.1	20.0	2	20.7	19.5	19.3	19.1	0	20.0
		50	0	20.2	20.0	19.9	2	20.7	19.4	19.2	19.2	0	20.0
		50	24	20.2	20.0	20.0	2	20.7	19.3	19.3	19.2	0	20.0
		50	50	20.2	20.0	20.0	2	20.7	19.3	19.2	19.2	0	20.0
		100	0	20.1	20.0	20.0	2	20.7	19.3	19.2	19.2	0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	22.6	22.6	22.6	0	23.0	18.9	18.9	18.9	0	20.0
		1	37	22.6	22.7	22.7	0	23.0	18.9	19.0	18.9	0	20.0
		1	74	22.5	22.6	22.6	0	23.0	18.8	18.9	18.9	0	20.0
		36	0	22.7	22.7	22.8	0	23.0	19.1	19.1	19.1	0	20.0
		36	20	22.7	22.7	22.8	0	23.0	19.0	19.1	19.1	0	20.0
		36	39	22.7	22.7	22.8	0	23.0	19.0	19.1	19.1	0	20.0
		75	0	22.7	22.8	22.8	0	23.0	19.1	19.1	19.1	0	20.0
	16QAM	1	0	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		1	37	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		1	74	22.9	23.0	22.9	0	23.0	19.3	19.3	19.3	0	20.0
		36	0	22.7	22.8	22.8	0	23.0	19.1	19.1	19.1	0	20.0
		36	20	22.8	22.8	22.8	0	23.0	19.1	19.1	19.1	0	20.0
		36	39	22.7	22.8	22.8	0	23.0	19.0	19.1	19.1	0	20.0
		75	0	22.8	22.8	22.8	0	23.0	19.1	19.1	19.1	0	20.0
	64QAM	1	0	22.6	22.6	22.6	0	23.0	19.0	19.0	19.0	0	20.0
		1	37	22.7	22.6	22.6	0	23.0	19.0	19.1	19.0	0	20.0
		1	74	22.7	22.5	22.6	0	23.0	18.9	19.0	19.0	0	20.0
		36	0	22.3	22.2	22.2	0.3	22.7	19.2	19.2	19.2	0	20.0
		36	20	22.4	22.2	22.2	0.3	22.7	19.1	19.2	19.2	0	20.0
		36	39	22.3	22.1	22.2	0.3	22.7	19.1	19.2	19.2	0	20.0
		75	0	22.4	22.2	22.2	0.3	22.7	19.2	19.2	19.2	0	20.0
	256QAM	1	0	20.3	20.3	20.2	2.3	20.7	19.4	19.4	19.4	0	20.0
		1	37	20.4	20.3	20.3	2.3	20.7	19.4	19.4	19.4	0	20.0
		1	74	20.4	20.3	20.3	2.3	20.7	19.4	19.4	19.4	0	20.0
		36	0	20.4	20.2	20.2	2.3	20.7	19.2	19.2	19.2	0	20.0
		36	20	20.4	20.2	20.2	2.3	20.7	19.2	19.2	19.2	0	20.0
		36	39	20.3	20.2	20.2	2.3	20.7	19.1	19.2	19.2	0	20.0
		75	0	20.4	20.3	20.2	2.3	20.7	19.2	19.2	19.2	0	20.0

LTE Band 7 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	22.8	22.8	22.8	0	23.0	19.1	19.1	19.1	0	20.0
		1	25	22.7	22.8	22.8	0	23.0	19.1	19.1	19.2	0	20.0
		1	49	22.7	22.7	22.8	0	23.0	19.1	19.1	19.1	0	20.0
		25	0	22.8	22.9	22.8	0	23.0	19.2	19.2	19.2	0	20.0
		25	12	22.8	22.9	22.8	0	23.0	19.2	19.2	19.2	0	20.0
		25	25	22.8	22.8	22.9	0	23.0	19.2	19.2	19.2	0	20.0
		50	0	22.8	22.8	22.8	0	23.0	19.2	19.2	19.1	0	20.0
	16QAM	1	0	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		1	25	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		1	49	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		25	0	22.9	22.9	22.9	0	23.0	19.2	19.3	19.2	0	20.0
		25	12	22.9	22.9	22.9	0	23.0	19.2	19.3	19.2	0	20.0
		25	25	22.9	22.9	22.9	0	23.0	19.2	19.3	19.3	0	20.0
		50	0	22.8	22.9	22.8	0	23.0	19.2	19.2	19.1	0	20.0
	64QAM	1	0	22.9	22.8	22.8	0	23.0	19.2	19.2	19.2	0	20.0
		1	25	22.9	22.8	22.8	0	23.0	19.2	19.2	19.3	0	20.0
		1	49	22.9	22.8	22.8	0	23.0	19.2	19.2	19.2	0	20.0
		25	0	22.5	22.4	22.3	0.3	22.7	19.3	19.3	19.3	0	20.0
		25	12	22.4	22.4	22.4	0.3	22.7	19.3	19.3	19.3	0	20.0
		25	25	22.4	22.3	22.3	0.3	22.7	19.3	19.3	19.3	0	20.0
		50	0	22.4	22.4	22.3	0.3	22.7	19.3	19.3	19.2	0	20.0
	256QAM	1	0	20.6	20.5	20.4	2.3	20.7	19.4	19.4	19.4	0	20.0
		1	25	20.6	20.5	20.5	2.3	20.7	19.4	19.4	19.4	0	20.0
		1	49	20.6	20.4	20.4	2.3	20.7	19.4	19.4	19.4	0	20.0
		25	0	20.4	20.3	20.3	2.3	20.7	19.3	19.4	19.3	0	20.0
		25	12	20.4	20.4	20.3	2.3	20.7	19.3	19.4	19.3	0	20.0
		25	25	20.4	20.3	20.4	2.3	20.7	19.3	19.4	19.4	0	20.0
		50	0	20.4	20.4	20.3	2.3	20.7	19.3	19.3	19.2	0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	22.7	22.8	22.8	0	23.0	19.1	19.1	19.2	0	20.0
		1	12	22.8	22.9	22.9	0	23.0	19.1	19.2	19.3	0	20.0
		1	24	22.7	22.7	22.8	0	23.0	19.1	19.1	19.2	0	20.0
		12	0	22.8	22.8	22.8	0	23.0	19.1	19.2	19.2	0	20.0
		12	7	22.8	22.8	22.9	0	23.0	19.2	19.2	19.2	0	20.0
		12	13	22.8	22.8	22.9	0	23.0	19.1	19.2	19.2	0	20.0
		25	0	22.8	22.8	22.9	0	23.0	19.1	19.2	19.2	0	20.0
	16QAM	1	0	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		1	12	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		1	24	23.0	23.0	23.0	0	23.0	19.3	19.3	19.3	0	20.0
		12	0	22.9	22.9	22.9	0	23.0	19.3	19.2	19.3	0	20.0
		12	7	22.9	23.0	22.9	0	23.0	19.3	19.3	19.3	0	20.0
		12	13	22.9	22.9	22.9	0	23.0	19.3	19.2	19.3	0	20.0
		25	0	22.8	22.8	22.9	0	23.0	19.1	19.2	19.3	0	20.0
	64QAM	1	0	22.5	22.6	22.7	0	23.0	19.2	19.2	19.3	0	20.0
		1	12	22.6	22.7	22.9	0	23.0	19.2	19.3	19.4	0	20.0
		1	24	22.7	22.7	22.8	0	23.0	19.2	19.2	19.3	0	20.0
		12	0	22.5	22.5	22.6	0.3	22.7	19.2	19.3	19.3	0	20.0
		12	7	22.5	22.5	22.6	0.3	22.7	19.3	19.3	19.3	0	20.0
		12	13	22.5	22.5	22.7	0.3	22.7	19.2	19.3	19.3	0	20.0
		25	0	22.2	22.2	22.3	0.3	22.7	19.2	19.3	19.3	0	20.0
	256QAM	1	0	20.4	20.4	20.4	2.3	20.7	19.4	19.4	19.4	0	20.0
		1	12	20.5	20.4	20.5	2.3	20.7	19.4	19.4	19.4	0	20.0
		1	24	20.5	20.5	20.4	2.3	20.7	19.4	19.4	19.4	0	20.0
		12	0	20.3	20.2	20.3	2.3	20.7	19.4	19.3	19.4	0	20.0
		12	7	20.3	20.2	20.3	2.3	20.7	19.4	19.4	19.4	0	20.0
		12	13	20.3	20.2	20.3	2.3	20.7	19.4	19.3	19.4	0	20.0
		25	0	20.2	20.2	20.3	2.3	20.7	19.2	19.3	19.4	0	20.0

LTE Band 7 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	15.9	16.0	16.1	0	17.0	18.5	18.5	18.6	0	19.0
		1	49	15.9	16.0	16.1	0	17.0	18.6	18.5	18.6	0	19.0
		1	99	15.8	16.0	16.1	0	17.0	18.6	18.5	18.5	0	19.0
		50	0	16.0	16.1	16.3	0	17.0	18.7	18.6	18.7	0	19.0
		50	24	16.0	16.1	16.3	0	17.0	18.8	18.7	18.6	0	19.0
		50	50	16.0	16.1	16.2	0	17.0	18.7	18.6	18.6	0	19.0
		100	0	16.0	16.1	16.1	0	17.0	18.6	18.6	18.6	0	19.0
	16QAM	1	0	16.1	16.3	16.5	0	17.0	18.8	18.9	18.9	0	19.0
		1	49	16.2	16.5	16.5	0	17.0	18.9	19.0	19.0	0	19.0
		1	99	16.1	16.4	16.4	0	17.0	18.8	18.9	18.9	0	19.0
		50	0	16.0	16.2	16.3	0	17.0	18.7	18.7	18.7	0	19.0
		50	24	16.0	16.2	16.3	0	17.0	18.8	18.7	18.6	0	19.0
		50	50	16.0	16.2	16.2	0	17.0	18.7	18.6	18.6	0	19.0
		100	0	15.9	16.2	16.2	0	17.0	18.7	18.6	18.6	0	19.0
	64QAM	1	0	16.8	16.9	16.9	0	17.0	18.8	19.0	18.9	0	19.0
		1	49	17.0	17.0	17.0	0	17.0	19.0	18.9	19.0	0	19.0
		1	99	16.9	17.0	17.0	0	17.0	18.9	18.9	18.9	0	19.0
		50	0	16.8	16.8	16.8	0	17.0	18.8	18.8	18.8	0	19.0
		50	24	16.8	16.8	16.9	0	17.0	18.9	18.8	18.8	0	19.0
		50	50	16.8	16.8	16.8	0	17.0	18.8	18.8	18.8	0	19.0
		100	0	16.8	16.8	16.9	0	17.0	18.8	18.8	18.8	0	19.0
	256QAM	1	0	16.9	16.8	16.8	0	17.0	18.6	18.7	18.4	0.3	18.7
		1	49	16.9	16.8	16.9	0	17.0	18.6	18.7	18.5	0.3	18.7
		1	99	17.0	16.9	16.9	0	17.0	18.7	18.7	18.6	0.3	18.7
		50	0	16.8	16.7	16.8	0	17.0	18.5	18.5	18.5	0.3	18.7
		50	24	16.8	16.8	16.9	0	17.0	18.6	18.5	18.6	0.3	18.7
		50	50	16.8	16.8	16.8	0	17.0	18.5	18.5	18.5	0.3	18.7
		100	0	16.8	16.8	16.9	0	17.0	18.5	18.5	18.5	0.3	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	16.0	16.2	16.1	0	17.0	18.5	18.4	18.5	0	19.0
		1	37	16.1	16.2	16.1	0	17.0	18.5	18.5	18.5	0	19.0
		1	74	16.0	16.1	16.1	0	17.0	18.5	18.4	18.5	0	19.0
		36	0	16.2	16.3	16.3	0	17.0	18.6	18.6	18.7	0	19.0
		36	20	16.2	16.2	16.3	0	17.0	18.6	18.6	18.7	0	19.0
		36	39	16.1	16.2	16.2	0	17.0	18.6	18.5	18.6	0	19.0
		75	0	16.2	16.2	16.3	0	17.0	18.7	18.7	18.6	0	19.0
	16QAM	1	0	16.4	16.5	16.4	0	17.0	18.8	18.9	18.9	0	19.0
		1	37	16.5	16.5	16.4	0	17.0	19.0	18.9	18.9	0	19.0
		1	74	16.3	16.5	16.4	0	17.0	18.8	18.8	18.8	0	19.0
		36	0	16.2	16.2	16.3	0	17.0	18.6	18.6	18.7	0	19.0
		36	20	16.2	16.2	16.3	0	17.0	18.7	18.6	18.7	0	19.0
		36	39	16.1	16.2	16.2	0	17.0	18.7	18.5	18.6	0	19.0
		75	0	16.2	16.2	16.3	0	17.0	18.7	18.6	18.6	0	19.0
	64QAM	1	0	16.8	16.8	16.7	0	17.0	18.7	18.9	18.7	0	19.0
		1	37	16.8	16.9	16.9	0	17.0	18.8	19.0	18.8	0	19.0
		1	74	16.8	16.9	16.8	0	17.0	18.7	18.9	18.8	0	19.0
		36	0	16.8	16.8	16.8	0	17.0	18.8	18.8	18.8	0	19.0
		36	20	16.8	16.8	16.9	0	17.0	18.8	18.8	18.8	0	19.0
		36	39	16.8	16.7	16.9	0	17.0	18.8	18.7	18.8	0	19.0
		75	0	16.8	16.8	16.8	0	17.0	18.8	18.8	18.8	0	19.0
	256QAM	1	0	16.8	16.7	16.8	0	17.0	18.5	18.5	18.5	0.3	18.7
		1	37	16.9	16.9	16.9	0	17.0	18.6	18.6	18.7	0.3	18.7
		1	74	16.9	16.9	16.9	0	17.0	18.6	18.7	18.6	0.3	18.7
		36	0	16.8	16.7	16.8	0	17.0	18.5	18.5	18.5	0.3	18.7
		36	20	16.8	16.8	16.9	0	17.0	18.5	18.5	18.6	0.3	18.7
		36	39	16.8	16.7	16.9	0	17.0	18.5	18.5	18.6	0.3	18.7
		75	0	16.8	16.8	16.9	0	17.0	18.5	18.5	18.5	0.3	18.7

LTE Band 7 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	16.2	16.3	16.3	0	17.0	18.7	18.6	18.7	0	19.0
		1	25	16.2	16.3	16.4	0	17.0	18.7	18.6	18.7	0	19.0
		1	49	16.2	16.3	16.3	0	17.0	18.7	18.6	18.6	0	19.0
		25	0	16.2	16.4	16.4	0	17.0	18.7	18.7	18.7	0	19.0
		25	12	16.2	16.4	16.4	0	17.0	18.8	18.7	18.6	0	19.0
		25	25	16.2	16.3	16.4	0	17.0	18.8	18.6	18.6	0	19.0
		50	0	16.1	16.3	16.4	0	17.0	18.7	18.6	18.6	0	19.0
	16QAM	1	0	16.4	16.5	16.5	0	17.0	19.0	18.9	19.0	0	19.0
		1	25	16.4	16.5	16.5	0	17.0	19.0	18.8	19.0	0	19.0
		1	49	16.4	16.5	16.5	0	17.0	19.0	18.8	19.0	0	19.0
		25	0	16.3	16.4	16.4	0	17.0	18.8	18.7	18.7	0	19.0
		25	12	16.2	16.4	16.4	0	17.0	18.8	18.7	18.7	0	19.0
		25	25	16.2	16.4	16.4	0	17.0	18.8	18.6	18.6	0	19.0
		50	0	16.2	16.3	16.4	0	17.0	18.8	18.7	18.6	0	19.0
	64QAM	1	0	17.0	17.0	17.0	0	17.0	19.0	19.0	19.0	0	19.0
		1	25	17.0	17.0	17.0	0	17.0	19.0	19.0	19.0	0	19.0
		1	49	17.0	17.0	17.0	0	17.0	19.0	19.0	19.0	0	19.0
		25	0	17.0	16.9	17.0	0	17.0	19.0	18.9	19.0	0	19.0
		25	12	16.9	17.0	17.0	0	17.0	18.9	19.0	19.0	0	19.0
		25	25	16.9	16.9	17.0	0	17.0	18.9	18.9	19.0	0	19.0
		50	0	16.9	16.9	17.0	0	17.0	18.9	18.9	19.0	0	19.0
	256QAM	1	0	17.0	16.9	17.0	0	17.0	18.7	18.7	18.7	0.3	18.7
		1	25	17.0	17.0	17.0	0	17.0	18.7	18.7	18.7	0.3	18.7
		1	49	17.0	17.0	17.0	0	17.0	18.7	18.7	18.7	0.3	18.7
		25	0	16.9	16.9	17.0	0	17.0	18.6	18.6	18.7	0.3	18.7
		25	12	16.9	16.9	17.0	0	17.0	18.6	18.6	18.7	0.3	18.7
		25	25	16.9	16.9	17.0	0	17.0	18.6	18.6	18.7	0.3	18.7
		50	0	16.9	16.9	17.0	0	17.0	18.6	18.6	18.7	0.3	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	16.1	16.2	16.2	0	17.0	18.6	18.5	18.6	0	19.0
		1	12	16.2	16.2	16.3	0	17.0	18.7	18.5	18.7	0	19.0
		1	24	16.1	16.2	16.2	0	17.0	18.6	18.5	18.6	0	19.0
		12	0	16.2	16.2	16.3	0	17.0	18.7	18.6	18.6	0	19.0
		12	7	16.2	16.3	16.3	0	17.0	18.7	18.6	18.7	0	19.0
		12	13	16.2	16.2	16.3	0	17.0	18.7	18.6	18.6	0	19.0
		25	0	16.2	16.2	16.3	0	17.0	18.7	18.6	18.6	0	19.0
	16QAM	1	0	16.5	16.5	16.5	0	17.0	19.0	18.9	19.0	0	19.0
		1	12	16.5	16.5	16.5	0	17.0	19.0	19.0	19.0	0	19.0
		1	24	16.5	16.5	16.5	0	17.0	19.0	18.9	19.0	0	19.0
		12	0	16.2	16.3	16.3	0	17.0	18.7	18.7	18.7	0	19.0
		12	7	16.2	16.4	16.4	0	17.0	18.7	18.7	18.8	0	19.0
		12	13	16.2	16.3	16.4	0	17.0	18.7	18.7	18.8	0	19.0
		25	0	16.2	16.2	16.3	0	17.0	18.7	18.6	18.7	0	19.0
	64QAM	1	0	17.0	17.0	17.0	0	17.0	19.0	19.0	19.0	0	19.0
		1	12	17.0	17.0	17.0	0	17.0	19.0	19.0	19.0	0	19.0
		1	24	17.0	17.0	17.0	0	17.0	19.0	19.0	19.0	0	19.0
		12	0	16.9	16.9	17.0	0	17.0	18.9	18.9	18.9	0	19.0
		12	7	17.0	17.0	17.0	0	17.0	19.0	18.9	19.0	0	19.0
		12	13	17.0	16.9	17.0	0	17.0	19.0	18.8	19.0	0	19.0
		25	0	16.9	16.9	17.0	0	17.0	19.0	18.9	19.0	0	19.0
	256QAM	1	0	17.0	17.0	17.0	0	17.0	18.7	18.7	18.7	0.3	18.7
		1	12	17.0	17.0	17.0	0	17.0	18.7	18.7	18.7	0.3	18.7
		1	24	17.0	17.0	17.0	0	17.0	18.7	18.7	18.7	0.3	18.7
		12	0	16.9	16.9	17.0	0	17.0	18.6	18.6	18.6	0.3	18.7
		12	7	17.0	16.9	17.0	0	17.0	18.7	18.6	18.7	0.3	18.7
		12	13	17.0	16.8	17.0	0	17.0	18.7	18.5	18.7	0.3	18.7
		25	0	17.0	16.9	17.0	0	17.0	18.7	18.6	18.7	0.3	18.7

LTE Band 7 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	19.4	19.6	19.7	0	20.2	18.5	18.7	18.8	0	19.2
		1	49	19.5	19.6	19.7	0	20.2	18.7	19.0	19.0	0	19.2
		1	99	19.5	19.6	19.7	0	20.2	18.7	18.7	18.8	0	19.2
		50	0	19.7	19.5	19.7	0	20.2	18.7	18.7	18.8	0	19.2
		50	24	19.7	19.6	19.8	0	20.2	18.9	19.1	19.1	0	19.2
		50	50	19.7	19.6	19.8	0	20.2	18.8	18.8	18.9	0	19.2
		100	0	19.7	19.7	19.7	0	20.2	18.8	19.0	19.0	0	19.2
	16QAM	1	0	19.7	19.9	20.1	0	20.2	18.9	19.1	19.1	0	19.2
		1	49	19.9	20.0	20.2	0	20.2	19.2	19.1	19.2	0	19.2
		1	99	19.8	19.9	20.1	0	20.2	19.1	19.0	19.0	0	19.2
		50	0	19.7	19.6	19.8	0	20.2	18.7	18.8	18.9	0	19.2
		50	24	19.7	19.7	19.9	0	20.2	18.8	18.9	19.0	0	19.2
		50	50	19.8	19.6	19.8	0	20.2	18.8	18.8	18.9	0	19.2
		100	0	19.7	19.7	19.8	0	20.2	18.7	18.9	18.9	0	19.2
	64QAM	1	0	19.5	19.8	19.9	0	20.2	18.6	18.9	19.0	0	19.2
		1	49	19.8	20.0	20.0	0	20.2	18.9	19.0	19.0	0	19.2
		1	99	19.8	19.9	19.9	0	20.2	18.9	18.9	19.0	0	19.2
		50	0	19.5	19.7	19.8	0	20.2	18.5	18.8	18.8	0	19.2
		50	24	19.7	19.8	19.8	0	20.2	18.7	18.8	18.8	0	19.2
		50	50	19.7	19.8	19.9	0	20.2	18.8	18.9	18.9	0	19.2
		100	0	19.7	19.8	19.8	0	20.2	18.7	18.8	18.8	0	19.2
	256QAM	1	0	19.3	19.8	19.7	0	20.0	18.5	18.9	18.9	0	19.2
		1	49	19.5	19.7	19.6	0	20.0	18.7	19.0	18.9	0	19.2
		1	99	19.7	19.9	19.7	0	20.0	19.0	19.1	19.0	0	19.2
		50	0	19.3	19.5	19.5	0	20.0	18.5	18.8	18.8	0	19.2
		50	24	19.5	19.6	19.6	0	20.0	18.7	18.8	18.8	0	19.2
		50	50	19.6	19.7	19.6	0	20.0	18.8	18.9	18.9	0	19.2
		100	0	19.5	19.6	19.5	0	20.0	18.7	18.9	18.8	0	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	19.4	19.6	19.7	0	20.2	18.5	18.8	18.7	0	19.2
		1	37	19.5	19.7	19.8	0	20.2	18.6	18.8	18.8	0	19.2
		1	74	19.6	19.6	19.7	0	20.2	18.6	18.7	18.7	0	19.2
		36	0	19.7	19.7	19.9	0	20.2	18.7	18.8	18.9	0	19.2
		36	20	19.7	19.8	19.9	0	20.2	18.7	18.9	18.9	0	19.2
		36	39	19.7	19.8	19.9	0	20.2	18.8	18.9	18.9	0	19.2
		75	0	19.8	19.8	20.0	0	20.2	18.8	19.0	19.0	0	19.2
	16QAM	1	0	19.8	20.1	20.1	0	20.2	18.7	19.2	19.2	0	19.2
		1	37	20.2	20.2	20.2	0	20.2	18.9	19.2	19.2	0	19.2
		1	74	20.0	20.1	20.1	0	20.2	19.0	19.2	19.2	0	19.2
		36	0	19.7	19.7	19.9	0	20.2	18.7	18.8	18.9	0	19.2
		36	20	19.7	19.8	19.9	0	20.2	18.7	18.9	19.0	0	19.2
		36	39	19.7	19.8	19.9	0	20.2	18.8	18.8	19.0	0	19.2
		75	0	19.7	19.8	20.0	0	20.2	18.7	18.9	19.0	0	19.2
	64QAM	1	0	19.5	19.9	19.9	0	20.2	18.5	18.8	19.0	0	19.2
		1	37	19.7	19.9	20.0	0	20.2	18.7	18.9	18.9	0	19.2
		1	74	19.8	19.8	19.9	0	20.2	18.8	18.8	18.9	0	19.2
		36	0	19.4	19.7	19.7	0	20.2	18.5	18.7	18.7	0	19.2
		36	20	19.6	19.7	19.8	0	20.2	18.6	18.8	18.8	0	19.2
		36	39	19.6	19.8	19.8	0	20.2	18.7	18.9	18.8	0	19.2
		75	0	19.6	19.8	19.7	0	20.2	18.7	18.8	18.8	0	19.2
	256QAM	1	0	19.2	19.6	19.6	0.2	20.0	18.4	18.8	18.9	0	19.2
		1	37	19.4	19.7	19.7	0.2	20.0	18.6	18.9	19.0	0	19.2
		1	74	19.6	19.8	19.8	0.2	20.0	18.8	19.0	19.0	0	19.2
		36	0	19.2	19.5	19.5	0.2	20.0	18.5	18.8	18.8	0	19.2
		36	20	19.4	19.6	19.5	0.2	20.0	18.6	18.8	18.8	0	19.2
		36	39	19.5	19.6	19.6	0.2	20.0	18.7	18.9	18.9	0	19.2
		75	0	19.4	19.6	19.5	0.2	20.0	18.7	18.8	18.8	0	19.2

LTE Band 7 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	19.6	19.8	19.9	0	20.2	18.6	18.9	19.0	0	19.2
		1	25	19.7	19.8	19.9	0	20.2	18.8	18.9	19.0	0	19.2
		1	49	19.7	19.8	20.0	0	20.2	18.8	18.9	19.0	0	19.2
		25	0	19.7	19.8	19.9	0	20.2	18.8	19.0	19.0	0	19.2
		25	12	19.8	19.8	20.1	0	20.2	18.8	19.0	19.1	0	19.2
		25	25	19.8	19.8	20.0	0	20.2	18.8	19.0	19.1	0	19.2
		50	0	19.8	20.0	20.0	0	20.2	18.8	19.0	19.1	0	19.2
	16QAM	1	0	19.8	20.2	20.2	0	20.2	19.0	19.2	19.2	0	19.2
		1	25	20.0	20.2	20.2	0	20.2	19.2	19.2	19.2	0	19.2
		1	49	19.9	20.2	20.2	0	20.2	19.1	19.2	19.2	0	19.2
		25	0	19.8	19.8	20.0	0	20.2	18.8	19.0	19.0	0	19.2
		25	12	19.8	19.8	20.1	0	20.2	18.9	19.0	19.1	0	19.2
		25	25	19.8	19.8	20.1	0	20.2	18.9	19.0	19.1	0	19.2
		50	0	19.8	19.8	20.0	0	20.2	18.8	18.9	19.1	0	19.2
	64QAM	1	0	19.8	20.0	20.0	0	20.2	18.8	19.1	19.0	0	19.2
		1	25	19.8	20.1	20.1	0	20.2	18.8	19.1	19.1	0	19.2
		1	49	20.0	20.0	20.1	0	20.2	19.0	19.1	19.1	0	19.2
		25	0	19.6	19.9	19.9	0	20.2	18.7	18.9	18.9	0	19.2
		25	12	19.7	19.9	20.0	0	20.2	18.7	18.9	19.0	0	19.2
		25	25	19.7	19.9	20.0	0	20.2	18.7	19.0	19.0	0	19.2
		50	0	19.7	19.8	19.9	0	20.2	18.7	18.9	19.0	0	19.2
	256QAM	1	0	19.4	19.7	19.7	0.2	20.0	18.7	19.0	18.9	0	19.2
		1	25	19.5	19.9	19.9	0.2	20.0	18.9	19.1	19.0	0	19.2
		1	49	19.7	19.9	19.9	0.2	20.0	19.0	19.1	19.0	0	19.2
		25	0	19.4	19.6	19.6	0.2	20.0	18.7	18.9	18.9	0	19.2
		25	12	19.5	19.7	19.8	0.2	20.0	18.7	19.0	19.0	0	19.2
		25	25	19.5	19.7	19.8	0.2	20.0	18.7	19.0	19.0	0	19.2
		50	0	19.4	19.7	19.7	0.2	20.0	18.7	18.9	19.0	0	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	19.6	19.9	20.1	0	20.2	18.7	19.1	19.1	0	19.2
		1	12	19.8	19.9	20.1	0	20.2	18.9	19.1	19.2	0	19.2
		1	24	19.8	19.9	20.1	0	20.2	18.9	19.0	19.1	0	19.2
		12	0	19.7	20.0	20.1	0	20.2	18.8	19.1	19.1	0	19.2
		12	7	19.8	20.0	20.2	0	20.2	18.9	19.1	19.2	0	19.2
		12	13	19.8	20.0	20.2	0	20.2	18.9	19.1	19.2	0	19.2
		25	0	19.8	19.9	20.2	0	20.2	18.8	19.0	19.2	0	19.2
	16QAM	1	0	20.0	20.2	20.2	0	20.2	19.1	19.2	19.2	0	19.2
		1	12	20.1	20.2	20.2	0	20.2	19.2	19.2	19.2	0	19.2
		1	24	20.1	20.2	20.2	0	20.2	19.2	19.2	19.2	0	19.2
		12	0	19.8	20.0	20.2	0	20.2	18.9	19.2	19.2	0	19.2
		12	7	19.9	20.0	20.2	0	20.2	19.0	19.2	19.2	0	19.2
		12	13	19.9	20.0	20.2	0	20.2	19.0	19.2	19.2	0	19.2
		25	0	19.8	20.0	20.2	0	20.2	18.8	19.1	19.2	0	19.2
	64QAM	1	0	19.7	20.1	20.0	0	20.2	18.8	19.1	19.0	0	19.2
		1	12	19.8	20.1	20.1	0	20.2	18.9	19.2	19.1	0	19.2
		1	24	19.8	20.0	20.1	0	20.2	18.8	19.1	19.0	0	19.2
		12	0	19.6	19.9	19.9	0	20.2	18.7	18.9	19.0	0	19.2
		12	7	19.7	19.9	20.0	0	20.2	18.7	19.0	19.1	0	19.2
		12	13	19.7	20.0	20.0	0	20.2	18.7	19.0	19.0	0	19.2
		25	0	19.7	19.9	19.9	0	20.2	18.7	18.9	19.0	0	19.2
	256QAM	1	0	19.4	19.7	19.7	0.2	20.0	18.7	19.1	19.0	0	19.2
		1	12	19.6	19.9	19.9	0.2	20.0	18.8	19.2	19.1	0	19.2
		1	24	19.5	19.9	19.8	0.2	20.0	18.7	19.2	19.1	0	19.2
		12	0	19.4	19.6	19.7	0.2	20.0	18.7	18.9	19.0	0	19.2
		12	7	19.5	19.7	19.8	0.2	20.0	18.8	19.0	19.0	0	19.2
		12	13	19.5	19.7	19.8	0.2	20.0	18.7	19.0	19.0	0	19.2
		25	0	19.4	19.6	19.7	0.2	20.0	18.7	18.9	19.0	0	19.2

LTE Band 7 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	18.2	18.1	18.0	0	19.2	17.5	17.5	17.4	0	18.2
		1	49	18.3	18.1	18.0	0	19.2	17.5	17.5	17.4	0	18.2
		1	99	18.2	18.0	18.0	0	19.2	17.5	17.5	17.4	0	18.2
		50	0	18.4	18.1	18.1	0	19.2	17.7	17.4	17.4	0	18.2
		50	24	18.5	18.1	18.1	0	19.2	17.7	17.4	17.4	0	18.2
		50	50	18.4	18.1	18.1	0	19.2	17.7	17.4	17.4	0	18.2
		100	0	18.1	18.1	18.0	0	19.2	17.3	17.3	17.3	0	18.2
	16QAM	1	0	18.5	18.5	18.4	0	19.2	18.0	18.0	18.0	0	18.2
		1	49	18.6	18.6	18.7	0	19.2	18.2	18.0	18.2	0	18.2
		1	99	18.4	18.3	18.3	0	19.2	18.0	17.9	18.0	0	18.2
		50	0	18.4	18.2	18.2	0	19.2	18.0	17.8	17.7	0	18.2
		50	24	18.5	18.2	18.2	0	19.2	18.0	17.7	17.7	0	18.2
		50	50	18.4	18.1	18.2	0	19.2	17.9	17.6	17.7	0	18.2
		100	0	18.4	18.2	18.2	0	19.2	17.9	17.7	17.7	0	18.2
	64QAM	1	0	18.7	18.6	18.4	0	19.2	17.7	17.5	17.4	0	18.2
		1	49	18.9	18.5	18.6	0	19.2	17.9	17.6	17.6	0	18.2
		1	99	18.7	18.5	18.5	0	19.2	17.8	17.5	17.6	0	18.2
		50	0	18.7	18.4	18.4	0	19.2	17.7	17.4	17.4	0	18.2
		50	24	18.8	18.4	18.5	0	19.2	17.7	17.4	17.5	0	18.2
		50	50	18.7	18.3	18.5	0	19.2	17.6	17.3	17.5	0	18.2
		100	0	18.7	18.4	18.4	0	19.2	17.6	17.4	17.4	0	18.2
	256QAM	1	0	17.3	17.0	16.8	2	17.7	17.3	17.1	16.9	0.5	17.7
		1	49	17.4	17.0	16.8	2	17.7	17.3	16.9	16.9	0.5	17.7
		1	99	17.3	17.0	17.0	2	17.7	17.3	17.0	16.9	0.5	17.7
		50	0	17.2	16.9	16.9	2	17.7	17.2	16.8	16.9	0.5	17.7
		50	24	17.3	16.9	16.9	2	17.7	17.3	16.9	16.9	0.5	17.7
		50	50	17.2	16.8	16.9	2	17.7	17.2	16.8	17.0	0.5	17.7
		100	0	17.2	16.9	16.9	2	17.7	17.2	16.9	16.9	0.5	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	18.3	18.1	18.0	0	19.2	17.8	17.6	17.5	0	18.2
		1	37	18.4	18.1	18.0	0	19.2	17.9	17.6	17.5	0	18.2
		1	74	18.3	18.0	18.0	0	19.2	17.7	17.5	17.4	0	18.2
		36	0	18.5	18.2	18.2	0	19.2	18.0	17.7	17.7	0	18.2
		36	20	18.5	18.2	18.2	0	19.2	18.0	17.7	17.7	0	18.2
		36	39	18.5	18.2	18.2	0	19.2	17.9	17.7	17.7	0	18.2
		75	0	18.5	18.2	18.2	0	19.2	17.9	17.7	17.7	0	18.2
	16QAM	1	0	18.7	18.6	18.4	0	19.2	18.0	18.1	17.9	0	18.2
		1	37	18.7	18.6	18.4	0	19.2	18.2	18.1	17.9	0	18.2
		1	74	18.7	18.4	18.3	0	19.2	18.1	17.9	17.8	0	18.2
		36	0	18.5	18.2	18.2	0	19.2	18.0	17.7	17.7	0	18.2
		36	20	18.5	18.2	18.2	0	19.2	18.0	17.7	17.7	0	18.2
		36	39	18.4	18.2	18.2	0	19.2	17.9	17.7	17.7	0	18.2
		75	0	18.4	18.2	18.2	0	19.2	17.9	17.7	17.7	0	18.2
	64QAM	1	0	18.7	18.5	18.6	0	19.2	17.6	17.5	17.5	0	18.2
		1	37	18.9	18.5	18.5	0	19.2	17.8	17.5	17.5	0	18.2
		1	74	18.8	18.4	18.5	0	19.2	17.7	17.4	17.5	0	18.2
		36	0	18.7	18.4	18.4	0	19.2	17.7	17.4	17.4	0	18.2
		36	20	18.8	18.4	18.5	0	19.2	17.8	17.4	17.4	0	18.2
		36	39	18.7	18.4	18.5	0	19.2	17.7	17.4	17.5	0	18.2
		75	0	18.7	18.4	18.5	0	19.2	17.7	17.4	17.4	0	18.2
	256QAM	1	0	17.1	17.0	16.8	1.5	17.7	17.2	17.0	16.9	0.5	17.7
		1	37	17.3	17.0	17.0	1.5	17.7	17.3	17.0	17.0	0.5	17.7
		1	74	17.3	17.0	17.0	1.5	17.7	17.3	17.0	17.0	0.5	17.7
		36	0	17.3	16.9	16.9	1.5	17.7	17.3	16.9	16.9	0.5	17.7
		36	20	17.3	16.9	16.9	1.5	17.7	17.3	16.9	16.9	0.5	17.7
		36	39	17.2	16.9	17.0	1.5	17.7	17.2	16.9	17.0	0.5	17.7
		75	0	17.2	16.9	16.9	1.5	17.7	17.2	16.9	16.9	0.5	17.7

LTE Band 7 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	18.5	18.2	18.3	0	19.2	17.9	17.7	17.8	0	18.2
		1	25	18.6	18.2	18.3	0	19.2	18.1	17.7	17.8	0	18.2
		1	49	18.6	18.2	18.2	0	19.2	18.1	17.7	17.7	0	18.2
		25	0	18.6	18.3	18.3	0	19.2	18.1	17.9	17.8	0	18.2
		25	12	18.6	18.3	18.4	0	19.2	18.1	17.8	17.8	0	18.2
		25	25	18.6	18.3	18.3	0	19.2	18.1	17.8	17.8	0	18.2
		50	0	18.6	18.3	18.3	0	19.2	18.0	17.8	17.8	0	18.2
	16QAM	1	0	18.7	18.6	18.6	0	19.2	18.2	18.1	18.1	0	18.2
		1	25	18.7	18.6	18.6	0	19.2	18.2	18.0	18.1	0	18.2
		1	49	18.7	18.6	18.5	0	19.2	18.2	18.0	18.1	0	18.2
		25	0	18.6	18.3	18.4	0	19.2	18.1	17.9	17.9	0	18.2
		25	12	18.6	18.3	18.4	0	19.2	18.1	17.9	17.9	0	18.2
		25	25	18.6	18.3	18.4	0	19.2	18.1	17.9	17.9	0	18.2
		50	0	18.6	18.3	18.3	0	19.2	18.0	17.8	17.8	0	18.2
	64QAM	1	0	18.9	18.6	18.7	0	19.2	18.0	17.6	17.7	0	18.2
		1	25	19.1	18.6	18.8	0	19.2	18.2	17.6	17.8	0	18.2
		1	49	19.0	18.7	18.8	0	19.2	18.1	17.6	17.8	0	18.2
		25	0	18.9	18.5	18.6	0	19.2	17.9	17.5	17.6	0	18.2
		25	12	18.9	18.5	18.6	0	19.2	17.9	17.5	17.6	0	18.2
		25	25	18.9	18.5	18.6	0	19.2	17.9	17.5	17.6	0	18.2
		50	0	18.8	18.5	18.6	0	19.2	17.8	17.5	17.5	0	18.2
	256QAM	1	0	17.4	17.2	17.1	1.5	17.7	17.4	17.1	17.1	0.5	17.7
		1	25	17.6	17.2	17.2	1.5	17.7	17.5	17.2	17.2	0.5	17.7
		1	49	17.5	17.2	17.2	1.5	17.7	17.5	17.1	17.2	0.5	17.7
		25	0	17.4	17.0	17.1	1.5	17.7	17.4	17.0	17.0	0.5	17.7
		25	12	17.4	17.1	17.2	1.5	17.7	17.4	17.1	17.1	0.5	17.7
		25	25	17.4	17.1	17.1	1.5	17.7	17.4	17.0	17.1	0.5	17.7
		50	0	17.3	17.0	17.1	1.5	17.7	17.3	17.0	17.1	0.5	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	18.4	18.3	18.2	0	19.2	17.9	17.8	17.7	0	18.2
		1	12	18.6	18.3	18.2	0	19.2	18.0	17.9	17.8	0	18.2
		1	24	18.6	18.3	18.2	0	19.2	18.0	17.8	17.7	0	18.2
		12	0	18.5	18.3	18.3	0	19.2	18.0	17.8	17.8	0	18.2
		12	7	18.6	18.3	18.3	0	19.2	18.1	17.8	17.8	0	18.2
		12	13	18.6	18.3	18.3	0	19.2	18.1	17.8	17.8	0	18.2
		25	0	18.6	18.3	18.3	0	19.2	18.1	17.8	17.8	0	18.2
	16QAM	1	0	18.7	18.6	18.6	0	19.2	18.2	18.1	18.2	0	18.2
		1	12	18.7	18.7	18.7	0	19.2	18.2	18.2	18.2	0	18.2
		1	24	18.7	18.6	18.7	0	19.2	18.2	18.1	18.2	0	18.2
		12	0	18.4	18.4	18.3	0	19.2	18.0	17.8	17.8	0	18.2
		12	7	18.5	18.4	18.3	0	19.2	18.1	17.9	17.9	0	18.2
		12	13	18.5	18.4	18.3	0	19.2	18.1	17.8	17.8	0	18.2
		25	0	18.5	18.3	18.3	0	19.2	18.1	17.9	17.8	0	18.2
	64QAM	1	0	18.8	18.7	18.7	0	19.2	18.0	17.5	17.6	0	18.2
		1	12	18.9	18.7	18.7	0	19.2	18.1	17.6	17.7	0	18.2
		1	24	18.9	18.6	18.7	0	19.2	18.1	17.6	17.6	0	18.2
		12	0	18.8	18.5	18.6	0	19.2	17.8	17.5	17.6	0	18.2
		12	7	18.9	18.5	18.6	0	19.2	17.9	17.5	17.6	0	18.2
		12	13	18.9	18.5	18.6	0	19.2	17.9	17.5	17.6	0	18.2
		25	0	18.8	18.5	18.6	0	19.2	17.9	17.5	17.6	0	18.2
	256QAM	1	0	17.3	17.2	17.2	1.5	17.7	17.3	17.2	17.2	0.5	17.7
		1	12	17.4	17.2	17.3	1.5	17.7	17.5	17.2	17.3	0.5	17.7
		1	24	17.4	17.2	17.2	1.5	17.7	17.5	17.2	17.3	0.5	17.7
		12	0	17.3	17.0	17.1	1.5	17.7	17.3	17.0	17.1	0.5	17.7
		12	7	17.4	17.0	17.1	1.5	17.7	17.4	17.0	17.1	0.5	17.7
		12	13	17.4	17.0	17.2	1.5	17.7	17.4	17.0	17.1	0.5	17.7
		25	0	17.3	17.0	17.1	1.5	17.7	17.4	17.0	17.1	0.5	17.7

LTE Band 12 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23095	MPR	Max Output Pwr	23095	MPR	Max Output Pwr
				707.5 MHz			707.5 MHz		
10	QPSK	1	0	25.3	0	25.7	25.3	0	25.7
		1	25	25.4	0	25.7	25.4	0	25.7
		1	49	25.4	0	25.7	25.4	0	25.7
		25	0	24.4	1	24.7	24.4	1	24.7
		25	12	24.5	1	24.7	24.5	1	24.7
		25	25	24.5	1	24.7	24.5	1	24.7
		50	0	24.4	1	24.7	24.4	1	24.7
	16QAM	1	0	24.6	1	24.7	24.6	1	24.7
		1	25	24.6	1	24.7	24.6	1	24.7
		1	49	24.7	1	24.7	24.7	1	24.7
		25	0	23.5	2	23.7	23.5	2	23.7
		25	12	23.5	2	23.7	23.5	2	23.7
		25	25	23.5	2	23.7	23.5	2	23.7
		50	0	23.4	2	23.7	23.4	2	23.7
	64QAM	1	0	23.4	2	23.7	23.4	2	23.7
		1	25	23.6	2	23.7	23.6	2	23.7
		1	49	23.6	2	23.7	23.6	2	23.7
		25	0	22.2	3	22.7	22.2	3	22.7
		25	12	22.2	3	22.7	22.2	3	22.7
		25	25	22.3	3	22.7	22.3	3	22.7
		50	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	5	20.7
		1	25	20.5	5	20.7	20.5	5	20.7
		1	49	20.5	5	20.7	20.5	5	20.7
		25	0	20.2	5	20.7	20.2	5	20.7
		25	12	20.2	5	20.7	20.2	5	20.7
		25	25	20.3	5	20.7	20.3	5	20.7
		50	0	20.2	5	20.7	20.2	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
				23035	23095	23155	MPR	23035	23095	23155	MPR
				701.5 MHz	707.5 MHz	713.5 MHz		701.5 MHz	707.5 MHz	713.5 MHz	
5	QPSK	1	0	25.2	25.3	25.4	0	25.2	25.3	25.4	0
		1	12	25.3	25.4	25.5	0	25.3	25.4	25.5	0
		1	24	25.2	25.3	25.4	0	25.2	25.3	25.4	0
		12	0	24.2	24.4	24.4	1	24.2	24.4	24.4	1
		12	7	24.4	24.4	24.4	1	24.4	24.4	24.4	1
		12	13	24.4	24.4	24.5	1	24.4	24.4	24.5	1
		25	0	24.3	24.3	24.4	1	24.3	24.3	24.4	1
	16QAM	1	0	24.6	24.7	24.7	1	24.6	24.7	24.7	1
		1	12	24.7	24.7	24.7	1	24.7	24.7	24.7	1
		1	24	24.7	24.7	24.7	1	24.7	24.7	24.7	1
		12	0	23.2	23.4	23.5	2	23.2	23.4	23.5	2
		12	7	23.4	23.4	23.5	2	23.4	23.4	23.5	2
		12	13	23.3	23.5	23.6	2	23.3	23.5	23.6	2
		25	0	23.4	23.4	23.4	2	23.4	23.4	23.4	2
	64QAM	1	0	23.3	23.3	23.3	2	23.3	23.3	23.3	2
		1	12	23.4	23.4	23.4	2	23.4	23.4	23.4	2
		1	24	23.3	23.4	23.4	2	23.3	23.4	23.4	2
		12	0	22.1	22.2	22.2	3	22.1	22.2	22.2	3
		12	7	22.2	22.2	22.3	3	22.2	22.2	22.3	3
		12	13	22.2	22.3	22.3	3	22.2	22.3	22.3	3
		25	0	22.2	22.2	22.2	3	22.2	22.2	22.2	3
	256QAM	1	0	20.1	20.4	20.3	5	20.1	20.4	20.3	5
		1	12	20.3	20.5	20.5	5	20.3	20.5	20.5	5
		1	24	20.3	20.5	20.4	5	20.3	20.5	20.4	5
		12	0	20.1	20.2	20.2	5	20.1	20.2	20.2	5
		12	7	20.2	20.2	20.2	5	20.2	20.2	20.2	5
		12	13	20.2	20.3	20.3	5	20.2	20.3	20.3	5
		25	0	20.2	20.2	20.2	5	20.2	20.2	20.2	5

LTE Band 12 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23025	23095	23165	MPR	Max Output Pwr	23025	23095	23165	MPR	Max Output Pwr
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	25.2	25.2	25.3	0	25.7	25.2	25.2	25.3	0	25.7
		1	8	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
		1	14	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		8	0	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		8	4	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		8	7	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		15	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
	16QAM	1	0	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		1	8	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		1	14	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		8	0	23.3	23.4	23.4	2	23.7	23.3	23.4	23.4	2	23.7
		8	4	23.4	23.5	23.4	2	23.7	23.4	23.5	23.4	2	23.7
		8	7	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		15	0	23.3	23.4	23.4	2	23.7	23.3	23.4	23.4	2	23.7
	64QAM	1	0	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		1	8	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		1	14	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		8	0	22.1	22.2	22.3	3	22.7	22.1	22.2	22.3	3	22.7
		8	4	22.2	22.2	22.4	3	22.7	22.2	22.2	22.4	3	22.7
		8	7	22.2	22.3	22.4	3	22.7	22.2	22.3	22.4	3	22.7
		15	0	22.1	22.2	22.3	3	22.7	22.1	22.2	22.3	3	22.7
	256QAM	1	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7
		1	8	20.3	20.4	20.5	5	20.7	20.3	20.4	20.5	5	20.7
		1	14	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		8	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7
		8	4	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		8	7	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		15	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Max Output Pwr	23017	23095	23173	MPR	Max Output Pwr
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	25.2	25.3	25.4	0	25.7	25.2	25.3	25.4	0	25.7
		1	3	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		1	5	25.2	25.3	25.4	0	25.7	25.2	25.3	25.4	0	25.7
		3	0	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		3	1	25.3	25.4	25.4	0	25.7	25.3	25.4	25.4	0	25.7
		3	3	25.3	25.4	25.4	0	25.7	25.3	25.4	25.4	0	25.7
		6	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
	16QAM	1	0	24.4	24.6	24.7	1	24.7	24.4	24.6	24.7	1	24.7
		1	3	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		1	5	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		3	0	24.3	24.5	24.5	1	24.7	24.3	24.5	24.5	1	24.7
		3	1	24.3	24.5	24.5	1	24.7	24.3	24.5	24.5	1	24.7
		3	3	24.3	24.5	24.6	1	24.7	24.3	24.5	24.6	1	24.7
		6	0	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
	64QAM	1	0	23.2	23.3	23.4	2	23.7	23.2	23.3	23.4	2	23.7
		1	3	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		1	5	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		3	0	23.1	23.3	23.4	2	23.7	23.1	23.3	23.4	2	23.7
		3	1	23.2	23.3	23.4	2	23.7	23.2	23.3	23.4	2	23.7
		3	3	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		6	0	22.1	22.2	22.3	3	22.7	22.1	22.2	22.3	3	22.7
	256QAM	1	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7
		1	3	20.3	20.4	20.4	5	20.7	20.3	20.4	20.4	5	20.7
		1	5	20.2	20.4	20.4	5	20.7	20.2	20.4	20.4	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	20.2	20.2	20.4	5	20.7	20.2	20.2	20.4	5	20.7
		3	3	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		6	0	20.0	20.3	20.2	5	20.7	20.0	20.3	20.2	5	20.7

LTE Band 12 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				23095	MPR	Max Output Pwr		23095	MPR	Max Output Pwr	
				707.5 MHz				707.5 MHz			
10	QPSK	1	0	23.6	0	24.2		24.3	0	24.7	
		1	25	23.6	0	24.2		23.7	0	24.7	
		1	49	23.6	0	24.2		24.3	0	24.7	
		25	0	23.2	0.5	23.7		23.3	1	23.7	
		25	12	23.2	0.5	23.7		22.8	1	23.7	
		25	25	23.2	0.5	23.7		23.3	1	23.7	
		50	0	23.1	0.5	23.7		23.0	1	23.7	
	16QAM	1	0	23.6	0.5	23.7		23.6	1	23.7	
		1	25	23.7	0.5	23.7		23.5	1	23.7	
		1	49	23.7	0.5	23.7		23.6	1	23.7	
		25	0	22.3	1.5	22.7		22.3	2	22.7	
		25	12	22.3	1.5	22.7		22.4	2	22.7	
		25	25	22.4	1.5	22.7		22.4	2	22.7	
		50	0	22.4	1.5	22.7		22.4	2	22.7	
	64QAM	1	0	22.4	1.5	22.7		22.2	2	22.7	
		1	25	22.5	1.5	22.7		22.4	2	22.7	
		1	49	22.6	1.5	22.7		22.4	2	22.7	
		25	0	21.3	2.5	21.7		21.4	3	21.7	
		25	12	21.4	2.5	21.7		21.5	3	21.7	
		25	25	21.4	2.5	21.7		21.5	3	21.7	
		50	0	21.4	2.5	21.7		21.5	3	21.7	
	256QAM	1	0	19.3	4.5	19.7		19.4	5	19.7	
		1	25	19.5	4.5	19.7		19.6	5	19.7	
		1	49	19.5	4.5	19.7		19.7	5	19.7	
		25	0	19.3	4.5	19.7		19.3	5	19.7	
		25	12	19.3	4.5	19.7		19.5	5	19.7	
		25	25	19.4	4.5	19.7		19.4	5	19.7	
		50	0	19.4	4.5	19.7		19.4	5	19.7	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Max Output Pwr	23035	23095	23155	MPR	Max Output Pwr
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	QPSK	1	0	23.7	23.8	23.9	0	24.2	24.3	24.2	24.3	0	24.7
		1	12	23.8	23.9	24.0	0	24.2	24.3	24.3	24.5	0	24.7
		1	24	23.7	23.8	23.9	0	24.2	24.3	24.2	24.4	0	24.7
		12	0	23.2	23.3	23.4	0.5	23.7	23.3	23.2	23.4	1	23.7
		12	7	23.3	23.3	23.4	0.5	23.7	23.4	23.3	23.5	1	23.7
		12	13	23.3	23.4	23.5	0.5	23.7	23.3	23.3	23.5	1	23.7
		25	0	23.3	23.4	23.4	0.5	23.7	23.3	23.3	23.4	1	23.7
	16QAM	1	0	23.6	23.7	23.7	0.5	23.7	23.7	23.6	23.7	1	23.7
		1	12	23.7	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		1	24	23.6	23.7	23.7	0.5	23.7	23.6	23.6	23.7	1	23.7
		12	0	22.2	22.4	22.5	1.5	22.7	22.3	22.1	22.5	2	22.7
		12	7	22.4	22.4	22.5	1.5	22.7	22.4	22.2	22.5	2	22.7
		12	13	22.4	22.4	22.6	1.5	22.7	22.3	22.2	22.6	2	22.7
		25	0	22.4	22.4	22.4	1.5	22.7	22.4	22.3	22.4	2	22.7
	64QAM	1	0	22.5	22.6	22.5	1.5	22.7	22.5	22.6	22.5	2	22.7
		1	12	22.5	22.6	22.6	1.5	22.7	22.5	22.6	22.6	2	22.7
		1	24	22.5	22.6	22.5	1.5	22.7	22.5	22.6	22.5	2	22.7
		12	0	21.3	21.3	21.4	2.5	21.7	21.3	21.3	21.4	3	21.7
		12	7	21.4	21.4	21.4	2.5	21.7	21.4	21.4	21.4	3	21.7
		12	13	21.4	21.4	21.5	2.5	21.7	21.4	21.4	21.5	3	21.7
		25	0	21.4	21.4	21.4	2.5	21.7	21.4	21.4	21.4	3	21.7
	256QAM	1	0	19.4	19.4	19.5	4.5	19.7	19.4	19.4	19.5	5	19.7
		1	12	19.6	19.6	19.6	4.5	19.7	19.6	19.6	19.6	5	19.7
		1	24	19.5	19.6	19.6	4.5	19.7	19.5	19.6	19.6	5	19.7
		12	0	19.3	19.3	19.4	4.5	19.7	19.3	19.3	19.4	5	19.7
		12	7	19.4	19.4	19.4	4.5	19.7	19.4	19.4	19.4	5	19.7
		12	13	19.4	19.4	19.5	4.5	19.7	19.4	19.4	19.5	5	19.7
		25	0	19.4	19.4	19.4	4.5	19.7	19.4	19.4	19.4	5	19.7

LTE Band 12 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23025	23095	23165	MPR	Max Output Pwr	23025	23095	23165	MPR	Max Output Pwr
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	23.7	23.7	23.9	0	24.2	24.3	24.1	24.4	0	24.7
		1	8	23.8	23.8	24.0	0	24.2	24.4	24.2	24.5	0	24.7
		1	14	23.7	23.7	23.9	0	24.2	24.3	24.2	24.4	0	24.7
		8	0	23.2	23.3	23.4	0.5	23.7	23.4	23.2	23.4	1	23.7
		8	4	23.3	23.3	23.4	0.5	23.7	23.4	23.3	23.5	1	23.7
		8	7	23.3	23.4	23.5	0.5	23.7	23.4	23.3	23.5	1	23.7
		15	0	23.3	23.3	23.5	0.5	23.7	23.3	23.3	23.5	1	23.7
	16QAM	1	0	23.5	23.6	23.7	0.5	23.7	23.6	23.5	23.7	1	23.7
		1	8	23.6	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		1	14	23.5	23.7	23.7	0.5	23.7	23.5	23.6	23.7	1	23.7
		8	0	22.3	22.4	22.5	1.5	22.7	22.4	22.3	22.5	2	22.7
		8	4	22.4	22.4	22.5	1.5	22.7	22.5	22.4	22.5	2	22.7
		8	7	22.4	22.5	22.6	1.5	22.7	22.5	22.4	22.6	2	22.7
		15	0	22.3	22.4	22.5	1.5	22.7	22.4	22.3	22.5	2	22.7
	64QAM	1	0	22.4	22.5	22.3	1.5	22.7	22.4	22.5	22.3	2	22.7
		1	8	22.5	22.5	22.5	1.5	22.7	22.5	22.5	22.5	2	22.7
		1	14	22.4	22.5	22.4	1.5	22.7	22.4	22.5	22.4	2	22.7
		8	0	21.3	21.3	21.5	2.5	21.7	21.3	21.3	21.5	3	21.7
		8	4	21.3	21.4	21.5	2.5	21.7	21.3	21.4	21.5	3	21.7
		8	7	21.4	21.4	21.6	2.5	21.7	21.4	21.4	21.6	3	21.7
		15	0	21.3	21.4	21.4	2.5	21.7	21.3	21.4	21.4	3	21.7
	256QAM	1	0	19.4	19.3	19.4	4.5	19.7	19.4	19.3	19.4	5	19.7
		1	8	19.5	19.5	19.6	4.5	19.7	19.5	19.5	19.6	5	19.7
		1	14	19.4	19.4	19.5	4.5	19.7	19.4	19.4	19.5	5	19.7
		8	0	19.3	19.3	19.4	4.5	19.7	19.3	19.3	19.4	5	19.7
		8	4	19.4	19.4	19.5	4.5	19.7	19.4	19.4	19.5	5	19.7
		8	7	19.4	19.4	19.5	4.5	19.7	19.4	19.4	19.5	5	19.7
		15	0	19.4	19.3	19.4	4.5	19.7	19.4	19.3	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Max Output Pwr	23017	23095	23173	MPR	Max Output Pwr
				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	23.8	23.9	0	24.2	24.3	24.2	24.4	0	24.7
		1	3	23.8	23.9	24.0	0	24.2	24.3	24.3	24.5	0	24.7
		1	5	23.7	23.8	24.0	0	24.2	24.3	24.3	24.5	0	24.7
		3	0	23.8	23.8	24.0	0	24.2	24.3	24.3	24.4	0	24.7
		3	1	23.8	23.8	24.0	0	24.2	24.4	24.3	24.5	0	24.7
		3	3	23.8	23.8	24.0	0	24.2	24.3	24.3	24.5	0	24.7
		6	0	23.3	23.3	23.4	0.5	23.7	23.3	23.3	23.5	1	23.7
	16QAM	1	0	23.5	23.5	23.7	0.5	23.7	23.6	23.5	23.7	1	23.7
		1	3	23.6	23.6	23.7	0.5	23.7	23.7	23.5	23.7	1	23.7
		1	5	23.6	23.5	23.7	0.5	23.7	23.7	23.5	23.7	1	23.7
		3	0	23.3	23.4	23.6	0.5	23.7	23.5	23.4	23.6	1	23.7
		3	1	23.4	23.4	23.6	0.5	23.7	23.5	23.4	23.6	1	23.7
		3	3	23.4	23.4	23.6	0.5	23.7	23.5	23.4	23.6	1	23.7
		6	0	22.4	22.4	22.4	1.5	22.7	22.4	22.3	22.5	2	22.7
	64QAM	1	0	22.4	22.4	22.5	1.5	22.7	22.4	22.4	22.5	2	22.7
		1	3	22.6	22.4	22.5	1.5	22.7	22.6	22.4	22.5	2	22.7
		1	5	22.5	22.5	22.5	1.5	22.7	22.5	22.5	22.5	2	22.7
		3	0	22.3	22.4	22.6	1.5	22.7	22.3	22.4	22.6	2	22.7
		3	1	22.3	22.4	22.6	1.5	22.7	22.3	22.4	22.6	2	22.7
		3	3	22.3	22.4	22.6	1.5	22.7	22.3	22.4	22.6	2	22.7
		6	0	21.3	21.4	21.5	2.5	21.7	21.3	21.4	21.5	3	21.7
	256QAM	1	0	19.3	19.4	19.5	4.5	19.7	19.3	19.4	19.5	5	19.7
		1	3	19.4	19.5	19.5	4.5	19.7	19.4	19.5	19.5	5	19.7
		1	5	19.4	19.5	19.5	4.5	19.7	19.4	19.5	19.5	5	19.7
		3	0	19.4	19.3	19.5	4.5	19.7	19.4	19.3	19.5	5	19.7
		3	1	19.4	19.3	19.4	4.5	19.7	19.4	19.3	19.4	5	19.7
		3	3	19.4	19.4	19.5	4.5	19.7	19.4	19.4	19.5	5	19.7
		6	0	19.5	19.5	19.4	4.5	19.7	19.5	19.5	19.4	5	19.7

LTE Band 12 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23095	MPR	Max Output Pwr	23095	MPR	Max Output Pwr
				707.5 MHz			707.5 MHz		
10	QPSK	1	0	24.9	0	25.4	24.9	0	25.4
		1	25	25.1	0	25.4	25.1	0	25.4
		1	49	25.0	0	25.4	25.0	0	25.4
		25	0	24.2	1	24.4	24.2	1	24.4
		25	12	24.2	1	24.4	24.2	1	24.4
		25	25	23.7	1	24.4	23.7	1	24.4
		50	0	24.2	1	24.4	24.2	1	24.4
	16QAM	1	0	23.8	1	24.4	24.3	1	24.4
		1	25	23.9	1	24.4	24.4	1	24.4
		1	49	23.9	1	24.4	24.4	1	24.4
		25	0	23.0	2	23.4	23.0	2	23.4
		25	12	23.1	2	23.4	23.1	2	23.4
		25	25	23.1	2	23.4	23.1	2	23.4
		50	0	23.1	2	23.4	23.1	2	23.4
	64QAM	1	0	22.8	2	23.4	22.8	2	23.4
		1	25	22.6	2	23.4	22.6	2	23.4
		1	49	22.8	2	23.4	22.8	2	23.4
		25	0	20.8	3	22.4	20.8	3	22.4
		25	12	20.7	3	22.4	20.7	3	22.4
		25	25	20.9	3	22.4	20.9	3	22.4
		50	0	20.7	3	22.4	20.7	3	22.4
	256QAM	1	0	19.1	5	20.4	19.1	5	20.4
		1	25	18.7	5	20.4	18.7	5	20.4
		1	49	19.2	5	20.4	19.2	5	20.4
		25	0	19.8	5	20.4	19.8	5	20.4
		25	12	19.9	5	20.4	19.9	5	20.4
		25	25	19.9	5	20.4	19.9	5	20.4
		50	0	19.9	5	20.4	19.9	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
				23035	23095	23155	MPR	23035	23095	23155	MPR
				701.5 MHz	707.5 MHz	713.5 MHz		701.5 MHz	707.5 MHz	713.5 MHz	
5	QPSK	1	0	25.1	25.2	25.3	0	24.7	24.8	24.9	0
		1	12	25.2	25.3	25.3	0	24.9	24.9	25.0	0
		1	24	25.2	25.2	25.3	0	24.9	24.9	25.0	0
		12	0	23.5	23.5	23.6	1	23.9	23.9	23.9	1
		12	7	23.6	23.6	23.7	1	24.0	24.0	24.1	1
		12	13	23.5	23.6	23.7	1	24.0	24.0	24.0	1
		25	0	23.5	23.6	23.7	1	24.0	24.0	24.0	1
	16QAM	1	0	23.8	23.9	24.0	1	24.4	24.3	24.4	1
		1	12	24.0	24.0	24.2	1	24.1	24.1	24.1	1
		1	24	23.8	23.9	24.1	1	24.4	24.4	24.3	1
		12	0	23.0	22.9	23.0	2	23.0	23.1	23.0	2
		12	7	23.1	23.0	23.1	2	23.1	23.2	23.2	2
		12	13	23.0	23.0	23.1	2	23.1	23.1	23.2	2
		25	0	23.0	23.0	23.1	2	23.0	23.0	23.1	2
	64QAM	1	0	23.1	23.1	23.1	2	23.1	23.1	23.1	2
		1	12	23.2	23.2	23.2	2	23.2	23.2	23.2	2
		1	24	23.1	23.2	23.2	2	23.1	23.2	23.2	2
		12	0	21.9	22.0	22.0	3	21.9	22.0	22.0	3
		12	7	22.0	22.0	22.1	3	22.0	22.0	22.1	3
		12	13	22.0	22.1	22.1	3	22.0	22.1	22.1	3
		25	0	22.0	22.0	22.0	3	22.0	22.0	22.0	3
	256QAM	1	0	19.9	20.2	20.1	5	19.9	20.2	20.1	5
		1	12	20.1	20.3	20.3	5	20.1	20.3	20.3	5
		1	24	20.1	20.3	20.2	5	20.1	20.3	20.2	5
		12	0	19.9	20.0	20.0	5	19.9	20.0	20.0	5
		12	7	20.0	20.0	20.0	5	20.0	20.0	20.0	5
		12	13	20.0	20.1	20.1	5	20.0	20.1	20.1	5
		25	0	20.0	20.0	20.0	5	20.0	20.0	20.0	5

LTE Band 12 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23025	23095	23165	MPR	Max Output Pwr	23025	23095	23165	MPR	Max Output Pwr
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	25.1	25.1	25.2	0	25.4	24.8	24.8	25.0	0	25.4
		1	8	25.2	25.2	25.3	0	25.4	24.9	24.9	25.1	0	25.4
		1	14	25.1	25.1	25.2	0	25.4	24.8	24.9	25.0	0	25.4
		8	0	23.4	23.5	23.5	1	24.4	23.9	23.9	24.0	1	24.4
		8	4	23.6	23.6	23.6	1	24.4	24.0	24.0	24.0	1	24.4
		8	7	23.5	23.5	23.7	1	24.4	24.0	24.0	24.1	1	24.4
		15	0	23.5	23.5	23.5	1	24.4	24.0	24.0	24.0	1	24.4
	16QAM	1	0	23.8	23.8	23.9	1	24.4	24.3	24.3	24.4	1	24.4
		1	8	23.9	23.9	23.9	1	24.4	24.4	24.1	24.1	1	24.4
		1	14	23.8	23.8	23.9	1	24.4	24.3	24.3	24.4	1	24.4
		8	0	22.9	22.9	23.1	2	23.4	23.0	23.0	23.1	2	23.4
		8	4	23.0	23.0	23.1	2	23.4	23.1	23.1	23.2	2	23.4
		8	7	23.0	23.0	23.1	2	23.4	23.1	23.1	23.2	2	23.4
		15	0	22.9	23.0	23.0	2	23.4	23.0	23.1	23.1	2	23.4
	64QAM	1	0	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		1	8	23.1	23.2	23.3	2	23.4	23.1	23.2	23.3	2	23.4
		1	14	23.1	23.2	23.3	2	23.4	23.1	23.2	23.3	2	23.4
		8	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	3	22.4
		8	4	22.0	22.0	22.2	3	22.4	22.0	22.0	22.2	3	22.4
		8	7	22.0	22.1	22.2	3	22.4	22.0	22.1	22.2	3	22.4
		15	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	3	22.4
	256QAM	1	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		1	8	20.1	20.2	20.3	5	20.4	20.1	20.2	20.3	5	20.4
		1	14	20.0	20.1	20.2	5	20.4	20.0	20.1	20.2	5	20.4
		8	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		8	4	20.0	20.0	20.1	5	20.4	20.0	20.0	20.1	5	20.4
		8	7	20.0	20.1	20.2	5	20.4	20.0	20.1	20.2	5	20.4
		15	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Max Output Pwr	23017	23095	23173	MPR	Max Output Pwr
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	25.1	25.2	25.3	0	25.4	24.3	24.2	24.3	0	25.4
		1	3	25.2	25.3	25.4	0	25.4	24.3	24.3	24.4	0	25.4
		1	5	25.2	25.3	25.4	0	25.4	24.2	24.2	24.4	0	25.4
		3	0	24.5	24.6	24.7	0	25.4	24.2	24.3	24.4	0	25.4
		3	1	24.5	24.6	24.7	0	25.4	24.3	24.3	24.4	0	25.4
		3	3	24.5	24.6	24.7	0	25.4	24.3	24.3	24.4	0	25.4
		6	0	23.5	23.6	23.7	1	24.4	24.3	24.3	24.4	1	24.4
	16QAM	1	0	23.7	23.7	24.0	1	24.4	24.4	24.4	24.4	1	24.4
		1	3	23.8	23.8	24.1	1	24.4	24.4	24.4	24.4	1	24.4
		1	5	23.7	23.8	24.0	1	24.4	24.4	24.4	24.4	1	24.4
		3	0	23.7	23.7	23.8	1	24.4	24.4	24.3	24.4	1	24.4
		3	1	23.7	23.7	23.8	1	24.4	24.4	24.4	24.4	1	24.4
		3	3	23.7	23.7	23.8	1	24.4	24.4	24.4	24.4	1	24.4
		6	0	23.0	23.0	23.1	2	23.4	23.4	23.4	23.4	2	23.4
	64QAM	1	0	23.0	23.1	23.2	2	23.4	23.0	23.1	23.2	2	23.4
		1	3	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		1	5	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		3	0	22.9	23.1	23.2	2	23.4	22.9	23.1	23.2	2	23.4
		3	1	23.0	23.1	23.2	2	23.4	23.0	23.1	23.2	2	23.4
		3	3	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		6	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	3	22.4
	256QAM	1	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		1	3	20.1	20.2	20.2	5	20.4	20.1	20.2	20.2	5	20.4
		1	5	20.0	20.2	20.2	5	20.4	20.0	20.2	20.2	5	20.4
		3	0	19.9	20.0	20.0	5	20.4	19.9	20.0	20.0	5	20.4
		3	1	20.0	20.0	20.2	5	20.4	20.0	20.0	20.2	5	20.4
		3	3	20.0	20.1	20.1	5	20.4	20.0	20.1	20.1	5	20.4
		6	0	19.8	20.1	20.0	5	20.4	19.8	20.1	20.0	5	20.4

LTE Band 13 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
10	QPSK	1	0	25.2	0	25.7	25.2	0	25.7
		1	25	25.6	0	25.7	25.6	0	25.7
		1	49	25.2	0	25.7	25.2	0	25.7
		25	0	24.3	1	24.7	24.3	1	24.7
		25	12	24.5	1	24.7	24.5	1	24.7
		25	25	24.4	1	24.7	24.4	1	24.7
		50	0	24.5	1	24.7	24.5	1	24.7
	16QAM	1	0	24.6	1	24.7	24.6	1	24.7
		1	25	24.7	1	24.7	24.7	1	24.7
		1	49	24.7	1	24.7	24.7	1	24.7
		25	0	23.3	2	23.7	23.3	2	23.7
		25	12	23.4	2	23.7	23.4	2	23.7
		25	25	23.4	2	23.7	23.4	2	23.7
		50	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.4	2	23.7	23.4	2	23.7
		1	25	23.6	2	23.7	23.6	2	23.7
		1	49	23.6	2	23.7	23.6	2	23.7
		25	0	22.2	3	22.7	22.2	3	22.7
		25	12	22.2	3	22.7	22.2	3	22.7
		25	25	22.3	3	22.7	22.3	3	22.7
		50	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	5	20.7
		1	25	20.5	5	20.7	20.5	5	20.7
		1	49	20.5	5	20.7	20.5	5	20.7
		25	0	20.2	5	20.7	20.2	5	20.7
		25	12	20.2	5	20.7	20.2	5	20.7
		25	25	20.3	5	20.7	20.3	5	20.7
		50	0	20.2	5	20.7	20.2	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
5	QPSK	1	0	25.2	0	25.7	25.2	0	25.7
		1	12	25.3	0	25.7	25.3	0	25.7
		1	24	25.3	0	25.7	25.3	0	25.7
		12	0	24.3	1	24.7	24.3	1	24.7
		12	7	24.3	1	24.7	24.3	1	24.7
		12	13	24.3	1	24.7	24.3	1	24.7
		25	0	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.6	1	24.7	24.6	1	24.7
		1	12	24.6	1	24.7	24.6	1	24.7
		1	24	24.7	1	24.7	24.7	1	24.7
		12	0	23.4	2	23.7	23.4	2	23.7
		12	7	23.5	2	23.7	23.5	2	23.7
		12	13	23.4	2	23.7	23.4	2	23.7
		25	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	12	23.4	2	23.7	23.4	2	23.7
		1	24	23.4	2	23.7	23.4	2	23.7
		12	0	22.2	3	22.7	22.2	3	22.7
		12	7	22.2	3	22.7	22.2	3	22.7
		12	13	22.3	3	22.7	22.3	3	22.7
		25	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.4	5	20.7	20.4	5	20.7
		1	12	20.5	5	20.7	20.5	5	20.7
		1	24	20.5	5	20.7	20.5	5	20.7
		12	0	20.2	5	20.7	20.2	5	20.7
		12	7	20.2	5	20.7	20.2	5	20.7
		12	13	20.3	5	20.7	20.3	5	20.7
		25	0	20.2	5	20.7	20.2	5	20.7

LTE Band 13 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
10	QPSK	1	0	22.7	0	23.7	24.4	0	24.7
		1	25	22.7	0	23.7	24.5	0	24.7
		1	49	22.7	0	23.7	24.4	0	24.7
		25	0	22.7	0	23.7	23.4	1	23.7
		25	12	22.7	0	23.7	23.5	1	23.7
		25	25	22.7	0	23.7	23.5	1	23.7
		50	0	22.8	0	23.7	23.5	1	23.7
	16QAM	1	0	23.2	0	23.7	23.2	1	23.7
		1	25	23.3	0	23.7	23.3	1	23.7
		1	49	23.2	0	23.7	23.2	1	23.7
		25	0	22.4	1	22.7	22.5	2	22.7
		25	12	22.4	1	22.7	22.4	2	22.7
		25	25	22.5	1	22.7	22.5	2	22.7
		50	0	22.4	1	22.7	22.4	2	22.7
	64QAM	1	0	21.7	1	22.7	22.5	2	22.7
		1	25	21.8	1	22.7	22.6	2	22.7
		1	49	21.8	1	22.7	22.6	2	22.7
		25	0	20.6	2	21.7	21.3	3	21.7
		25	12	20.7	2	21.7	21.4	3	21.7
		25	25	20.6	2	21.7	21.3	3	21.7
		50	0	20.7	2	21.7	21.4	3	21.7
	256QAM	1	0	18.7	4	19.7	19.3	5	19.7
		1	25	18.9	4	19.7	19.4	5	19.7
		1	49	18.9	4	19.7	19.4	5	19.7
		25	0	18.6	4	19.7	19.3	5	19.7
		25	12	18.7	4	19.7	19.4	5	19.7
		25	25	18.7	4	19.7	19.4	5	19.7
		50	0	18.8	4	19.7	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
5	QPSK	1	0	23.0	0	23.7	24.4	0	24.7
		1	12	23.0	0	23.7	24.4	0	24.7
		1	24	22.9	0	23.7	24.4	0	24.7
		12	0	22.9	0	23.7	23.4	1	23.7
		12	7	22.9	0	23.7	23.4	1	23.7
		12	13	23.0	0	23.7	23.5	1	23.7
		25	0	22.9	0	23.7	23.4	1	23.7
	16QAM	1	0	23.3	0	23.7	23.3	1	23.7
		1	12	23.4	0	23.7	23.4	1	23.7
		1	24	23.3	0	23.7	23.3	1	23.7
		12	0	22.3	1	22.7	22.3	2	22.7
		12	7	22.3	1	22.7	22.3	2	22.7
		12	13	22.4	1	22.7	22.4	2	22.7
		25	0	22.4	1	22.7	22.4	2	22.7
	64QAM	1	0	21.9	1	22.7	22.7	2	22.7
		1	12	21.9	1	22.7	22.7	2	22.7
		1	24	21.8	1	22.7	22.7	2	22.7
		12	0	20.6	2	21.7	21.3	3	21.7
		12	7	20.7	2	21.7	21.4	3	21.7
		12	13	20.7	2	21.7	21.3	3	21.7
		25	0	20.7	2	21.7	21.3	3	21.7
	256QAM	1	0	18.8	4	19.7	19.4	5	19.7
		1	12	18.9	4	19.7	19.5	5	19.7
		1	24	18.9	4	19.7	19.4	5	19.7
		12	0	18.7	4	19.7	19.3	5	19.7
		12	7	18.8	4	19.7	19.4	5	19.7
		12	13	18.7	4	19.7	19.4	5	19.7
		25	0	18.6	4	19.7	19.4	5	19.7

LTE Band 13 Measured Results (ANT3

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
10	QPSK	1	0	25.0	0	25.4	25.0	0	25.4
		1	25	25.0	0	25.4	25.0	0	25.4
		1	49	25.0	0	25.4	25.0	0	25.4
		25	0	24.2	1	24.4	24.2	1	24.4
		25	12	24.0	1	24.4	24.0	1	24.4
		25	25	24.1	1	24.4	24.1	1	24.4
		50	0	24.0	1	24.4	24.0	1	24.4
	16QAM	1	0	24.4	1	24.4	24.4	1	24.4
		1	25	24.3	1	24.4	24.3	1	24.4
		1	49	24.3	1	24.4	24.3	1	24.4
		25	0	23.2	2	23.4	23.2	2	23.4
		25	12	23.2	2	23.4	23.2	2	23.4
		25	25	23.1	2	23.4	23.1	2	23.4
		50	0	23.2	2	23.4	23.2	2	23.4
	64QAM	1	0	23.4	2	23.4	23.4	2	23.4
		1	25	23.4	2	23.4	23.4	2	23.4
		1	49	23.1	2	23.4	23.1	2	23.4
		25	0	22.0	3	22.4	22.0	3	22.4
		25	12	22.0	3	22.4	22.0	3	22.4
		25	25	21.9	3	22.4	21.9	3	22.4
		50	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	20.1	5	20.4	20.1	5	20.4
		1	25	20.2	5	20.4	20.2	5	20.4
		1	49	19.9	5	20.4	19.9	5	20.4
		25	0	20.0	5	20.4	20.0	5	20.4
		25	12	20.0	5	20.4	20.0	5	20.4
		25	25	20.0	5	20.4	20.0	5	20.4
		50	0	20.0	5	20.4	20.0	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
5	QPSK	1	0	24.1	0	25.4	24.1	0	25.4
		1	12	25.2	0	25.4	25.2	0	25.4
		1	24	25.1	0	25.4	25.1	0	25.4
		12	0	24.1	1	24.4	24.1	1	24.4
		12	7	24.2	1	24.4	24.2	1	24.4
		12	13	24.1	1	24.4	24.1	1	24.4
		25	0	24.1	1	24.4	24.1	1	24.4
	16QAM	1	0	24.4	1	24.4	24.4	1	24.4
		1	12	24.4	1	24.4	24.4	1	24.4
		1	24	24.4	1	24.4	24.4	1	24.4
		12	0	23.1	2	23.4	23.1	2	23.4
		12	7	23.1	2	23.4	23.1	2	23.4
		12	13	23.1	2	23.4	23.1	2	23.4
		25	0	23.1	2	23.4	23.1	2	23.4
	64QAM	1	0	23.3	2	23.4	23.3	2	23.4
		1	12	23.4	2	23.4	23.4	2	23.4
		1	24	23.2	2	23.4	23.2	2	23.4
		12	0	22.1	3	22.4	22.1	3	22.4
		12	7	22.1	3	22.4	22.1	3	22.4
		12	13	22.1	3	22.4	22.1	3	22.4
		25	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	20.0	5	20.4	20.0	5	20.4
		1	12	20.2	5	20.4	20.2	5	20.4
		1	24	20.0	5	20.4	20.0	5	20.4
		12	0	20.0	5	20.4	20.0	5	20.4
		12	7	20.0	5	20.4	20.0	5	20.4
		12	13	20.0	5	20.4	20.0	5	20.4
		25	0	20.0	5	20.4	20.0	5	20.4

LTE Band 14 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
10	QPSK	1	0	25.3	0	25.7	25.3	0	25.7
		1	25	25.3	0	25.7	25.3	0	25.7
		1	49	25.1	0	25.7	25.1	0	25.7
		25	0	24.3	1	24.7	24.3	1	24.7
		25	12	24.3	1	24.7	24.3	1	24.7
		25	25	24.2	1	24.7	24.2	1	24.7
		50	0	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.7	1	24.7	24.7	1	24.7
		1	25	24.5	1	24.7	24.5	1	24.7
		1	49	24.5	1	24.7	24.5	1	24.7
		25	0	23.3	2	23.7	23.3	2	23.7
		25	12	23.3	2	23.7	23.3	2	23.7
		25	25	23.3	2	23.7	23.3	2	23.7
		50	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	25	23.4	2	23.7	23.4	2	23.7
		1	49	23.4	2	23.7	23.4	2	23.7
		25	0	22.2	3	22.7	22.2	3	22.7
		25	12	22.2	3	22.7	22.2	3	22.7
		25	25	22.3	3	22.7	22.3	3	22.7
		50	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.4	5	20.7	20.4	5	20.7
		1	25	20.5	5	20.7	20.5	5	20.7
		1	49	20.5	5	20.7	20.5	5	20.7
		25	0	20.2	5	20.7	20.2	5	20.7
		25	12	20.2	5	20.7	20.2	5	20.7
		25	25	20.3	5	20.7	20.3	5	20.7
		50	0	20.2	5	20.7	20.2	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
5	QPSK	1	0	25.2	0	25.7	25.2	0	25.7
		1	12	25.2	0	25.7	25.2	0	25.7
		1	24	25.1	0	25.7	25.1	0	25.7
		12	0	24.2	1	24.7	24.2	1	24.7
		12	7	24.2	1	24.7	24.2	1	24.7
		12	13	24.2	1	24.7	24.2	1	24.7
		25	0	24.2	1	24.7	24.2	1	24.7
	16QAM	1	0	24.6	1	24.7	24.6	1	24.7
		1	12	24.6	1	24.7	24.6	1	24.7
		1	24	24.5	1	24.7	24.5	1	24.7
		12	0	23.2	2	23.7	23.2	2	23.7
		12	7	23.2	2	23.7	23.2	2	23.7
		12	13	23.2	2	23.7	23.2	2	23.7
		25	0	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	12	23.4	2	23.7	23.4	2	23.7
		1	24	23.4	2	23.7	23.4	2	23.7
		12	0	22.2	3	22.7	22.2	3	22.7
		12	7	22.2	3	22.7	22.2	3	22.7
		12	13	22.3	3	22.7	22.3	3	22.7
		25	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.4	5	20.7	20.4	5	20.7
		1	12	20.5	5	20.7	20.5	5	20.7
		1	24	20.5	5	20.7	20.5	5	20.7
		12	0	20.2	5	20.7	20.2	5	20.7
		12	7	20.2	5	20.7	20.2	5	20.7
		12	13	20.3	5	20.7	20.3	5	20.7
		25	0	20.2	5	20.7	20.2	5	20.7

LTE Band 14 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
10	QPSK	1	0	22.7	0	23.7	24.2	0	24.7
		1	25	22.7	0	23.7	24.5	0	24.7
		1	49	22.7	0	23.7	24.2	0	24.7
		25	0	22.6	0	23.7	23.4	1	23.7
		25	12	22.6	0	23.7	23.5	1	23.7
		25	25	22.6	0	23.7	23.3	1	23.7
		50	0	22.7	0	23.7	23.5	1	23.7
	16QAM	1	0	23.1	0	23.7	23.6	1	23.7
		1	25	23.2	0	23.7	23.7	1	23.7
		1	49	23.1	0	23.7	23.6	1	23.7
		25	0	22.4	1	22.7	22.4	2	22.7
		25	12	22.4	1	22.7	22.4	2	22.7
		25	25	22.4	1	22.7	22.3	2	22.7
		50	0	22.4	1	22.7	22.4	2	22.7
	64QAM	1	0	22.4	1	22.7	22.4	2	22.7
		1	25	22.5	1	22.7	22.5	2	22.7
		1	49	22.4	1	22.7	22.4	2	22.7
		25	0	21.3	2	21.7	21.3	3	21.7
		25	12	21.4	2	21.7	21.3	3	21.7
		25	25	21.3	2	21.7	21.3	3	21.7
		50	0	21.3	2	21.7	21.3	3	21.7
	256QAM	1	0	19.4	4	19.7	19.4	5	19.7
		1	25	19.6	4	19.7	19.6	5	19.7
		1	49	19.4	4	19.7	19.4	5	19.7
		25	0	19.3	4	19.7	19.3	5	19.7
		25	12	19.4	4	19.7	19.4	5	19.7
		25	25	19.3	4	19.7	19.3	5	19.7
		50	0	19.4	4	19.7	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
5	QPSK	1	0	22.9	0	23.7	23.3	0	24.7
		1	12	23.0	0	23.7	23.4	0	24.7
		1	24	22.9	0	23.7	23.3	0	24.7
		12	0	22.9	0	23.7	23.4	1	23.7
		12	7	22.9	0	23.7	23.4	1	23.7
		12	13	22.8	0	23.7	23.4	1	23.7
		25	0	22.8	0	23.7	23.4	1	23.7
	16QAM	1	0	23.2	0	23.7	23.7	1	23.7
		1	12	23.3	0	23.7	23.7	1	23.7
		1	24	23.2	0	23.7	23.7	1	23.7
		12	0	22.4	1	22.7	22.5	2	22.7
		12	7	22.5	1	22.7	22.5	2	22.7
		12	13	22.4	1	22.7	22.5	2	22.7
		25	0	22.4	1	22.7	22.4	2	22.7
	64QAM	1	0	22.6	1	22.7	22.6	2	22.7
		1	12	22.7	1	22.7	22.7	2	22.7
		1	24	22.6	1	22.7	22.5	2	22.7
		12	0	21.4	2	21.7	21.3	3	21.7
		12	7	21.4	2	21.7	21.4	3	21.7
		12	13	21.4	2	21.7	21.4	3	21.7
		25	0	21.3	2	21.7	21.4	3	21.7
	256QAM	1	0	19.4	4	19.7	19.5	5	19.7
		1	12	19.6	4	19.7	19.7	5	19.7
		1	24	19.4	4	19.7	19.5	5	19.7
		12	0	19.4	4	19.7	19.4	5	19.7
		12	7	19.4	4	19.7	19.4	5	19.7
		12	13	19.4	4	19.7	19.4	5	19.7
		25	0	19.4	4	19.7	19.4	5	19.7

LTE Band 14 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
10	QPSK	1	0	25.0	0	25.4	25.0	0	25.4
		1	25	25.0	0	25.4	25.0	0	25.4
		1	49	25.0	0	25.4	25.0	0	25.4
		25	0	24.1	1	24.4	24.1	1	24.4
		25	12	24.1	1	24.4	24.1	1	24.4
		25	25	24.1	1	24.4	24.1	1	24.4
		50	0	24.0	1	24.4	24.0	1	24.4
	16QAM	1	0	24.4	1	24.4	24.4	1	24.4
		1	25	24.3	1	24.4	24.3	1	24.4
		1	49	24.4	1	24.4	24.4	1	24.4
		25	0	23.2	2	23.4	23.2	2	23.4
		25	12	23.2	2	23.4	23.2	2	23.4
		25	25	23.2	2	23.4	23.2	2	23.4
		50	0	23.2	2	23.4	23.2	2	23.4
	64QAM	1	0	23.3	2	23.4	23.3	2	23.4
		1	25	23.0	2	23.4	23.0	2	23.4
		1	49	23.1	2	23.4	23.1	2	23.4
		25	0	21.9	3	22.4	21.9	3	22.4
		25	12	21.9	3	22.4	21.9	3	22.4
		25	25	21.9	3	22.4	21.9	3	22.4
		50	0	21.9	3	22.4	21.9	3	22.4
	256QAM	1	0	20.2	5	20.4	20.2	5	20.4
		1	25	20.0	5	20.4	20.0	5	20.4
		1	49	20.1	5	20.4	20.1	5	20.4
		25	0	20.0	5	20.4	20.0	5	20.4
		25	12	19.9	5	20.4	19.9	5	20.4
		25	25	19.9	5	20.4	19.9	5	20.4
		50	0	19.9	5	20.4	19.9	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
5	QPSK	1	0	24.1	0	25.4	24.1	0	25.4
		1	12	25.1	0	25.4	25.1	0	25.4
		1	24	25.1	0	25.4	25.1	0	25.4
		12	0	24.1	1	24.4	24.1	1	24.4
		12	7	24.1	1	24.4	24.1	1	24.4
		12	13	24.1	1	24.4	24.1	1	24.4
		25	0	24.1	1	24.4	24.1	1	24.4
	16QAM	1	0	24.4	1	24.4	24.4	1	24.4
		1	12	24.4	1	24.4	24.4	1	24.4
		1	24	24.4	1	24.4	24.4	1	24.4
		12	0	23.2	2	23.4	23.2	2	23.4
		12	7	23.2	2	23.4	23.2	2	23.4
		12	13	23.2	2	23.4	23.2	2	23.4
		25	0	23.1	2	23.4	23.1	2	23.4
	64QAM	1	0	23.2	2	23.4	23.2	2	23.4
		1	12	23.1	2	23.4	23.1	2	23.4
		1	24	23.1	2	23.4	23.1	2	23.4
		12	0	21.8	3	22.4	21.8	3	22.4
		12	7	21.8	3	22.4	21.8	3	22.4
		12	13	21.8	3	22.4	21.8	3	22.4
		25	0	21.8	3	22.4	21.8	3	22.4
	256QAM	1	0	20.0	5	20.4	20.0	5	20.4
		1	12	19.9	5	20.4	19.9	5	20.4
		1	24	19.9	5	20.4	19.9	5	20.4
		12	0	19.8	5	20.4	19.8	5	20.4
		12	7	19.9	5	20.4	19.9	5	20.4
		12	13	19.8	5	20.4	19.8	5	20.4
		25	0	19.8	5	20.4	19.8	5	20.4

LTE Band 25 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	24.0	24.1	24.2	0	24.5	20.7	20.9	21.0	0	22.0
		1	49	24.5	24.4	24.4	0	24.5	21.0	20.9	20.9	0	22.0
		1	99	24.0	24.1	24.2	0	24.5	20.6	20.8	21.0	0	22.0
		50	0	24.1	24.2	24.3	0	24.5	20.8	20.9	21.1	0	22.0
		50	24	24.4	24.5	24.5	0	24.5	21.0	21.0	21.0	0	22.0
		50	50	24.2	24.2	24.3	0	24.5	20.8	20.9	21.1	0	22.0
		100	0	24.5	24.5	24.5	0	24.5	21.0	21.0	21.0	0	22.0
	16QAM	1	0	24.3	24.5	24.5	0	24.5	20.9	21.0	21.0	0	22.0
		1	49	24.4	24.5	24.5	0	24.5	21.0	21.0	21.0	0	22.0
		1	99	24.2	24.5	24.5	0	24.5	21.0	21.2	21.2	0	22.0
		50	0	23.4	23.4	23.5	0.8	23.7	20.8	20.9	21.0	0	22.0
		50	24	23.4	23.5	23.5	0.8	23.7	20.9	20.9	21.1	0	22.0
		50	50	23.4	23.4	23.5	0.8	23.7	20.8	20.9	21.1	0	22.0
		100	0	23.4	23.5	23.5	0.8	23.7	20.9	20.9	21.1	0	22.0
	64QAM	1	0	23.5	23.6	23.7	0.8	23.7	21.9	21.9	21.8	0	22.0
		1	49	23.5	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	99	23.4	23.7	23.7	0.8	23.7	22.0	21.9	21.8	0	22.0
		50	0	22.4	22.5	22.6	1.8	22.7	21.9	21.8	21.7	0	22.0
		50	24	22.5	22.6	22.7	1.8	22.7	22.0	21.9	21.8	0	22.0
		50	50	22.5	22.6	22.7	1.8	22.7	22.0	21.9	21.8	0	22.0
		100	0	22.5	22.6	22.7	1.8	22.7	22.0	21.9	21.8	0	22.0
	256QAM	1	0	20.6	20.6	20.6	3.8	20.7	20.7	20.7	20.5	1.3	20.7
		1	49	20.6	20.7	20.6	3.8	20.7	20.7	20.7	20.5	1.3	20.7
		1	99	20.6	20.7	20.7	3.8	20.7	20.7	20.7	20.6	1.3	20.7
		50	0	20.4	20.5	20.6	3.8	20.7	20.6	20.5	20.4	1.3	20.7
		50	24	20.5	20.6	20.7	3.8	20.7	20.7	20.6	20.5	1.3	20.7
		50	50	20.5	20.6	20.7	3.8	20.7	20.7	20.6	20.5	1.3	20.7
		100	0	20.5	20.6	20.7	3.8	20.7	20.7	20.6	20.5	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	24.0	24.1	24.1	0	24.5	20.8	20.8	21.0	0	22.0
		1	37	24.0	24.1	24.2	0	24.5	20.8	20.9	21.0	0	22.0
		1	74	24.1	24.1	24.1	0	24.5	20.8	20.8	21.0	0	22.0
		36	0	24.1	24.2	24.2	0	24.5	20.9	20.9	21.1	0	22.0
		36	20	24.2	24.2	24.2	0	24.5	20.9	21.0	21.1	0	22.0
		36	39	24.2	24.2	24.3	0	24.5	20.9	21.0	21.1	0	22.0
		75	0	24.2	24.3	24.3	0	24.5	20.9	21.0	21.1	0	22.0
	16QAM	1	0	24.4	24.5	24.4	0	24.5	21.2	21.2	21.2	0	22.0
		1	37	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		1	74	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		36	0	23.3	23.4	23.4	0.8	23.7	20.9	20.9	21.1	0	22.0
		36	20	23.4	23.5	23.4	0.8	23.7	20.9	21.0	21.1	0	22.0
		36	39	23.4	23.5	23.5	0.8	23.7	20.9	21.0	21.1	0	22.0
		75	0	23.4	23.5	23.5	0.8	23.7	20.9	21.0	21.0	0	22.0
	64QAM	1	0	23.5	23.6	23.7	0.8	23.7	22.0	21.9	21.8	0	22.0
		1	37	23.6	23.7	23.7	0.8	23.7	22.0	21.9	21.9	0	22.0
		1	74	23.6	23.6	23.7	0.8	23.7	22.0	21.9	21.9	0	22.0
		36	0	22.4	22.5	22.6	1.8	22.7	21.9	21.8	21.7	0	22.0
		36	20	22.5	22.6	22.6	1.8	22.7	21.9	21.9	21.8	0	22.0
		36	39	22.5	22.6	22.7	1.8	22.7	22.0	21.9	21.7	0	22.0
		75	0	22.5	22.6	22.6	1.8	22.7	21.9	21.8	21.8	0	22.0
	256QAM	1	0	20.4	20.5	20.7	3.8	20.7	20.6	20.6	20.5	1.3	20.7
		1	37	20.4	20.6	20.7	3.8	20.7	20.6	20.7	20.5	1.3	20.7
		1	74	20.5	20.7	20.7	3.8	20.7	20.7	20.7	20.6	1.3	20.7
		36	0	20.4	20.5	20.6	3.8	20.7	20.6	20.5	20.4	1.3	20.7
		36	20	20.5	20.6	20.6	3.8	20.7	20.6	20.6	20.5	1.3	20.7
		36	39	20.5	20.6	20.7	3.8	20.7	20.7	20.6	20.5	1.3	20.7
		75	0	20.5	20.6	20.6	3.8	20.7	20.6	20.6	20.5	1.3	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	24.2	24.2	24.4	0	24.5	20.9	21.0	21.2	0	22.0
		1	25	24.3	24.3	24.4	0	24.5	20.9	21.0	21.2	0	22.0
		1	49	24.2	24.3	24.3	0	24.5	20.9	21.0	21.2	0	22.0
		25	0	24.3	24.3	24.4	0	24.5	21.0	21.0	21.2	0	22.0
		25	12	24.3	24.4	24.5	0	24.5	21.1	21.1	21.2	0	22.0
		25	25	24.3	24.4	24.4	0	24.5	21.0	21.1	21.2	0	22.0
		50	0	24.3	24.4	24.4	0	24.5	21.0	21.1	21.2	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		1	25	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		1	49	24.4	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		25	0	23.5	23.5	23.6	0.8	23.7	21.1	21.0	21.2	0	22.0
		25	12	23.5	23.6	23.7	0.8	23.7	21.1	21.1	21.2	0	22.0
		25	25	23.5	23.6	23.7	0.8	23.7	21.1	21.1	21.2	0	22.0
		50	0	23.5	23.6	23.7	0.8	23.7	21.1	21.1	21.2	0	22.0
	64QAM	1	0	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	25	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	49	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		25	0	22.6	22.6	22.7	1.8	22.7	22.0	21.9	21.9	0	22.0
		25	12	22.6	22.7	22.7	1.8	22.7	22.0	22.0	21.9	0	22.0
		25	25	22.6	22.7	22.7	1.8	22.7	22.0	22.0	21.9	0	22.0
		50	0	22.6	22.7	22.7	1.8	22.7	22.0	21.9	21.9	0	22.0
	256QAM	1	0	20.6	20.7	20.7	3.8	20.7	20.6	20.6	20.5	1.3	20.7
		1	25	20.7	20.7	20.7	3.8	20.7	20.7	20.7	20.6	1.3	20.7
		1	49	20.7	20.7	20.7	3.8	20.7	20.6	20.7	20.6	1.3	20.7
		25	0	20.6	20.6	20.7	3.8	20.7	20.7	20.6	20.6	1.3	20.7
		25	12	20.6	20.7	20.7	3.8	20.7	20.7	20.7	20.6	1.3	20.7
		25	25	20.6	20.7	20.7	3.8	20.7	20.7	20.7	20.6	1.3	20.7
		50	0	20.6	20.7	20.7	3.8	20.7	20.7	20.6	20.6	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	24.2	24.3	24.3	0	24.5	20.9	20.9	21.1	0	22.0
		1	12	24.4	24.4	24.4	0	24.5	21.0	21.0	21.2	0	22.0
		1	24	24.2	24.3	24.4	0	24.5	20.9	20.9	21.2	0	22.0
		12	0	24.3	24.3	24.4	0	24.5	21.0	21.0	21.1	0	22.0
		12	7	24.4	24.4	24.4	0	24.5	21.0	21.1	21.2	0	22.0
		12	13	24.3	24.4	24.4	0	24.5	21.0	21.0	21.2	0	22.0
		25	0	24.3	24.4	24.4	0	24.5	21.0	21.0	21.2	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		1	12	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		1	24	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		12	0	23.5	23.3	23.6	0.8	23.7	21.0	21.0	21.2	0	22.0
		12	7	23.6	23.5	23.6	0.8	23.7	21.0	21.2	21.2	0	22.0
		12	13	23.5	23.5	23.7	0.8	23.7	21.0	21.1	21.2	0	22.0
		25	0	23.5	23.5	23.6	0.8	23.7	21.0	21.1	21.2	0	22.0
	64QAM	1	0	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	12	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	24	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		12	0	22.6	22.6	22.7	1.8	22.7	22.0	21.9	21.9	0	22.0
		12	7	22.6	22.7	22.7	1.8	22.7	22.0	22.0	21.9	0	22.0
		12	13	22.6	22.7	22.7	1.8	22.7	22.0	22.0	21.9	0	22.0
		25	0	22.6	22.7	22.7	1.8	22.7	22.0	22.0	21.9	0	22.0
	256QAM	1	0	20.6	20.7	20.7	3.8	20.7	20.6	20.6	20.7	1.3	20.7
		1	12	20.7	20.7	20.7	3.8	20.7	20.7	20.7	20.7	1.3	20.7
		1	24	20.7	20.7	20.7	3.8	20.7	20.6	20.7	20.7	1.3	20.7
		12	0	20.6	20.6	20.7	3.8	20.7	20.7	20.6	20.6	1.3	20.7
		12	7	20.6	20.7	20.7	3.8	20.7	20.7	20.7	20.6	1.3	20.7
		12	13	20.6	20.6	20.7	3.8	20.7	20.7	20.7	20.6	1.3	20.7
		25	0	20.6	20.7	20.7	3.8	20.7	20.7	20.6	20.6	1.3	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	24.2	24.2	24.3	0	24.5	20.9	20.9	21.1	0	22.0
		1	8	24.3	24.3	24.4	0	24.5	21.0	21.0	21.2	0	22.0
		1	14	24.2	24.2	24.3	0	24.5	20.9	20.9	21.1	0	22.0
		8	0	24.3	24.3	24.4	0	24.5	21.0	21.0	21.1	0	22.0
		8	4	24.3	24.3	24.4	0	24.5	21.0	21.0	21.2	0	22.0
		8	7	24.3	24.4	24.4	0	24.5	21.0	21.0	21.2	0	22.0
		15	0	24.3	24.3	24.4	0	24.5	21.0	21.0	21.1	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		1	8	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		1	14	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		8	0	23.5	23.6	23.7	0.8	23.7	21.1	21.1	21.2	0	22.0
		8	4	23.6	23.6	23.7	0.8	23.7	21.1	21.1	21.2	0	22.0
		8	7	23.6	23.6	23.7	0.8	23.7	21.1	21.1	21.2	0	22.0
		15	0	23.5	23.6	23.7	0.8	23.7	21.0	21.1	21.2	0	22.0
	64QAM	1	0	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	8	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	14	23.7	23.6	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		8	0	22.6	22.7	22.7	1.8	22.7	21.9	22.0	22.0	0	22.0
		8	4	22.6	22.7	22.7	1.8	22.7	22.0	22.0	22.0	0	22.0
		8	7	22.6	22.7	22.7	1.8	22.7	22.0	22.0	22.0	0	22.0
		15	0	22.6	22.7	22.7	1.8	22.7	21.8	21.9	22.0	0	22.0
	256QAM	1	0	20.6	20.7	20.7	3.8	20.7	20.5	20.7	20.7	1.3	20.7
		1	8	20.7	20.7	20.7	3.8	20.7	20.7	20.7	20.7	1.3	20.7
		1	14	20.7	20.7	20.7	3.8	20.7	20.6	20.7	20.7	1.3	20.7
		8	0	20.6	20.7	20.7	3.8	20.7	20.6	20.6	20.7	1.3	20.7
		8	4	20.6	20.7	20.7	3.8	20.7	20.6	20.7	20.7	1.3	20.7
		8	7	20.6	20.7	20.7	3.8	20.7	20.6	20.7	20.7	1.3	20.7
		15	0	20.6	20.7	20.7	3.8	20.7	20.6	20.6	20.7	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	24.2	24.3	24.3	0	24.5	20.9	21.0	21.1	0	22.0
		1	3	24.2	24.3	24.3	0	24.5	20.9	21.0	21.2	0	22.0
		1	5	24.2	24.3	24.3	0	24.5	20.9	21.0	21.1	0	22.0
		3	0	24.2	24.3	24.3	0	24.5	20.9	21.0	21.2	0	22.0
		3	1	24.2	24.3	24.4	0	24.5	20.9	21.0	21.2	0	22.0
		3	3	24.2	24.3	24.4	0	24.5	20.9	21.0	21.2	0	22.0
		6	0	24.2	24.3	24.3	0	24.5	20.9	21.0	21.1	0	22.0
	16QAM	1	0	24.4	24.5	24.5	0	24.5	21.1	21.2	21.2	0	22.0
		1	3	24.4	24.5	24.5	0	24.5	21.1	21.2	21.2	0	22.0
		1	5	24.4	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
		3	0	24.3	24.4	24.5	0	24.5	21.1	21.2	21.2	0	22.0
		3	1	24.4	24.4	24.5	0	24.5	21.1	21.2	21.2	0	22.0
		3	3	24.3	24.5	24.5	0	24.5	21.1	21.2	21.2	0	22.0
		6	0	23.5	23.5	23.6	0.8	23.7	21.0	21.1	21.2	0	22.0
	64QAM	1	0	23.6	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	3	23.7	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		1	5	23.6	23.7	23.7	0.8	23.7	22.0	22.0	22.0	0	22.0
		3	0	23.6	23.7	23.7	0.8	23.7	21.8	22.0	22.0	0	22.0
		3	1	23.6	23.7	23.7	0.8	23.7	21.9	22.0	22.0	0	22.0
		3	3	23.7	23.7	23.7	0.8	23.7	21.8	22.0	22.0	0	22.0
		6	0	22.6	22.6	22.7	1.8	22.7	21.8	21.9	22.0	0	22.0
	256QAM	1	0	20.7	20.7	20.7	3.8	20.7	20.7	20.7	20.7	1.3	20.7
		1	3	20.7	20.7	20.7	3.8	20.7	20.7	20.7	20.7	1.3	20.7
		1	5	20.6	20.7	20.7	3.8	20.7	20.6	20.7	20.7	1.3	20.7
		3	0	20.6	20.7	20.7	3.8	20.7	20.5	20.7	20.7	1.3	20.7
		3	1	20.6	20.7	20.6	3.8	20.7	20.6	20.7	20.7	1.3	20.7
		3	3	20.6	20.7	20.7	3.8	20.7	20.6	20.7	20.7	1.3	20.7
		6	0	20.5	20.7	20.7	3.8	20.7	20.5	20.7	20.7	1.3	20.7

LTE Band 25 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	18.6	18.6	18.6	0	19.5	18.2	18.2	18.2	0	19.2
		1	49	18.5	18.4	18.2	0	19.5	18.3	18.2	18.2	0	19.2
		1	99	18.5	18.5	18.6	0	19.5	18.3	18.3	18.3	0	19.2
		50	0	18.7	18.7	18.6	0	19.5	18.3	18.3	18.3	0	19.2
		50	24	18.6	18.5	18.3	0	19.5	18.4	18.3	18.3	0	19.2
		50	50	18.7	18.7	18.7	0	19.5	18.3	18.3	18.3	0	19.2
		100	0	18.4	18.4	18.3	0	19.5	18.3	18.3	18.2	0	19.2
	16QAM	1	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	49	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	99	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		50	0	18.7	18.7	18.6	0	19.5	18.6	18.6	18.6	0	19.2
		50	24	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		50	50	18.7	18.7	18.7	0	19.5	18.6	18.6	18.6	0	19.2
		100	0	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
	64QAM	1	0	19.2	19.1	19.1	0	19.5	19.0	19.0	19.0	0	19.2
		1	49	19.2	19.2	19.2	0	19.5	19.1	19.2	19.2	0	19.2
		1	99	19.0	19.2	19.2	0	19.5	19.1	19.1	19.0	0	19.2
		50	0	19.0	19.0	19.0	0	19.5	18.9	18.9	18.9	0	19.2
		50	24	19.1	19.0	19.0	0	19.5	19.0	18.9	19.0	0	19.2
		50	50	19.0	19.0	19.1	0	19.5	19.1	19.0	18.9	0	19.2
		100	0	19.1	19.0	19.0	0	19.5	19.0	18.9	19.0	0	19.2
	256QAM	1	0	18.1	18.0	17.9	1.1	18.4	18.3	18.3	18.2	0.8	18.4
		1	49	18.1	18.1	17.9	1.1	18.4	18.3	18.3	18.2	0.8	18.4
		1	99	18.1	18.2	18.1	1.1	18.4	18.4	18.4	18.2	0.8	18.4
		50	0	17.9	17.9	17.9	1.1	18.4	18.2	18.1	18.1	0.8	18.4
		50	24	18.0	17.9	17.9	1.1	18.4	18.2	18.1	18.2	0.8	18.4
		50	50	18.0	17.9	18.0	1.1	18.4	18.3	18.2	18.2	0.8	18.4
		100	0	18.0	17.9	17.9	1.1	18.4	18.2	18.1	18.2	0.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	18.7	18.6	18.5	0	19.5	18.6	18.5	18.4	0	19.2
		1	37	18.7	18.6	18.6	0	19.5	18.6	18.5	18.5	0	19.2
		1	74	18.7	18.6	18.5	0	19.5	18.5	18.5	18.4	0	19.2
		36	0	18.8	18.7	18.6	0	19.5	18.6	18.6	18.6	0	19.2
		36	20	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		36	39	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		75	0	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
	16QAM	1	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	37	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	74	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		36	0	18.8	18.7	18.6	0	19.5	18.6	18.6	18.6	0	19.2
		36	20	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		36	39	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		75	0	18.8	18.7	18.8	0	19.5	18.7	18.6	18.6	0	19.2
	64QAM	1	0	19.3	19.1	19.2	0	19.5	19.0	19.0	19.2	0	19.2
		1	37	19.3	19.2	19.2	0	19.5	19.1	19.0	19.1	0	19.2
		1	74	19.3	19.1	19.2	0	19.5	19.0	19.0	19.2	0	19.2
		36	0	19.1	19.0	19.0	0	19.5	18.9	18.9	19.1	0	19.2
		36	20	19.1	19.0	19.1	0	19.5	19.0	18.9	19.0	0	19.2
		36	39	19.1	19.1	19.1	0	19.5	19.1	19.0	19.0	0	19.2
		75	0	19.1	19.0	19.1	0	19.5	19.0	18.9	19.0	0	19.2
	256QAM	1	0	18.0	17.9	18.0	1.1	18.4	18.2	18.2	18.3	0.8	18.4
		1	37	18.1	18.0	18.1	1.1	18.4	18.3	18.3	18.3	0.8	18.4
		1	74	18.0	18.1	18.1	1.1	18.4	18.4	18.3	18.3	0.8	18.4
		36	0	18.0	17.9	17.9	1.1	18.4	18.2	18.1	18.3	0.8	18.4
		36	20	18.0	17.9	18.0	1.1	18.4	18.2	18.1	18.3	0.8	18.4
		36	39	18.0	18.0	18.0	1.1	18.4	18.3	18.2	18.2	0.8	18.4
		75	0	18.0	17.9	18.0	1.1	18.4	18.2	18.1	18.2	0.8	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	18.8	18.7	18.7	0	19.5	18.7	18.6	18.7	0	19.2
		1	25	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	49	18.8	18.7	18.8	0	19.5	18.7	18.6	18.7	0	19.2
		25	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		25	12	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		25	25	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		50	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
	16QAM	1	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	25	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	49	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		25	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		25	12	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		25	25	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		50	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
	64QAM	1	0	19.4	19.2	19.3	0	19.5	19.2	19.2	19.2	0	19.2
		1	25	19.4	19.3	19.4	0	19.5	19.2	19.1	19.1	0	19.2
		1	49	19.4	19.3	19.4	0	19.5	19.1	19.1	19.2	0	19.2
		25	0	19.2	19.1	19.1	0	19.5	19.1	19.1	19.1	0	19.2
		25	12	19.3	19.1	19.3	0	19.5	19.2	19.1	19.2	0	19.2
		25	25	19.3	19.2	19.3	0	19.5	19.2	19.1	19.1	0	19.2
		50	0	19.3	19.1	19.2	0	19.5	19.2	19.0	19.1	0	19.2
	256QAM	1	0	18.2	18.1	18.1	1.1	18.4	18.4	18.3	18.4	0.8	18.4
		1	25	18.3	18.3	18.3	1.1	18.4	18.4	18.3	18.4	0.8	18.4
		1	49	18.2	18.2	18.2	1.1	18.4	18.4	18.2	18.3	0.8	18.4
		25	0	18.1	18.0	18.0	1.1	18.4	18.3	18.2	18.4	0.8	18.4
		25	12	18.2	18.1	18.2	1.1	18.4	18.4	18.3	18.4	0.8	18.4
		25	25	18.2	18.1	18.1	1.1	18.4	18.4	18.3	18.4	0.8	18.4
		50	0	18.2	18.0	18.1	1.1	18.4	18.4	18.2	18.4	0.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		1	12	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	24	18.8	18.7	18.8	0	19.5	18.7	18.7	18.6	0	19.2
		12	0	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		12	7	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		12	13	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		25	0	18.8	18.7	18.8	0	19.5	18.7	18.7	18.6	0	19.2
	16QAM	1	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	12	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	24	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		12	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.6	0	19.2
		12	7	18.8	18.8	18.8	0	19.5	18.7	18.7	18.6	0	19.2
		12	13	18.8	18.8	18.8	0	19.5	18.7	18.7	18.6	0	19.2
		25	0	18.8	18.7	18.8	0	19.5	18.7	18.7	18.6	0	19.2
	64QAM	1	0	19.3	19.3	19.4	0	19.5	19.2	19.2	19.2	0	19.2
		1	12	19.4	19.4	19.5	0	19.5	19.2	19.1	19.2	0	19.2
		1	24	19.3	19.4	19.5	0	19.5	19.2	19.2	19.1	0	19.2
		12	0	19.3	19.1	19.2	0	19.5	19.1	19.0	19.2	0	19.2
		12	7	19.3	19.2	19.3	0	19.5	19.2	19.1	19.2	0	19.2
		12	13	19.3	19.2	19.3	0	19.5	19.2	19.1	19.1	0	19.2
		25	0	19.3	19.1	19.3	0	19.5	19.2	19.0	19.2	0	19.2
	256QAM	1	0	18.2	18.2	18.2	1.1	18.4	18.3	18.4	18.4	0.8	18.4
		1	12	18.3	18.3	18.4	1.1	18.4	18.4	18.4	18.3	0.8	18.4
		1	24	18.3	18.2	18.4	1.1	18.4	18.4	18.4	18.4	0.8	18.4
		12	0	18.2	18.0	18.1	1.1	18.4	18.3	18.2	18.4	0.8	18.4
		12	7	18.2	18.1	18.2	1.1	18.4	18.4	18.3	18.4	0.8	18.4
		12	13	18.2	18.1	18.2	1.1	18.4	18.4	18.3	18.4	0.8	18.4
		25	0	18.2	18.0	18.2	1.1	18.4	18.4	18.2	18.4	0.8	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	18.8	18.6	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		1	8	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	14	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
		8	0	18.8	18.7	18.7	0	19.5	18.7	18.7	18.6	0	19.2
		8	4	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		8	7	18.8	18.8	18.7	0	19.5	18.7	18.7	18.6	0	19.2
		15	0	18.8	18.7	18.7	0	19.5	18.7	18.6	18.6	0	19.2
	16QAM	1	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	8	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	14	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		8	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		8	4	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		8	7	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		15	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
	64QAM	1	0	19.5	19.3	19.3	0	19.5	19.2	19.2	19.2	0	19.2
		1	8	19.5	19.4	19.5	0	19.5	19.2	19.1	19.2	0	19.2
		1	14	19.5	19.3	19.3	0	19.5	19.1	19.2	19.1	0	19.2
		8	0	19.3	19.1	19.2	0	19.5	19.2	19.0	19.1	0	19.2
		8	4	19.3	19.2	19.2	0	19.5	19.2	19.1	19.1	0	19.2
		8	7	19.4	19.2	19.2	0	19.5	19.2	19.2	19.1	0	19.2
		15	0	19.3	19.1	19.1	0	19.5	19.1	19.0	19.2	0	19.2
	256QAM	1	0	18.3	18.2	18.1	1.1	18.4	18.3	18.2	18.3	0.8	18.4
		1	8	18.4	18.3	18.2	1.1	18.4	18.3	18.4	18.2	0.8	18.4
		1	14	18.3	18.3	18.2	1.1	18.4	18.4	18.4	18.4	0.8	18.4
		8	0	18.2	18.0	18.1	1.1	18.4	18.3	18.2	18.4	0.8	18.4
		8	4	18.3	18.1	18.1	1.1	18.4	18.3	18.3	18.4	0.8	18.4
		8	7	18.3	18.1	18.1	1.1	18.4	18.3	18.3	18.4	0.8	18.4
		15	0	18.2	18.0	18.1	1.1	18.4	18.3	18.2	18.4	0.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	18.8	18.7	18.8	0	19.5	18.7	18.6	18.7	0	19.2
		1	3	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	5	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		3	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		3	1	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		3	3	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		6	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.6	0	19.2
	16QAM	1	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	3	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		1	5	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		3	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		3	1	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		3	3	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
		6	0	18.8	18.8	18.8	0	19.5	18.7	18.7	18.7	0	19.2
	64QAM	1	0	19.4	19.2	19.4	0	19.5	19.2	19.2	19.2	0	19.2
		1	3	19.5	19.2	19.4	0	19.5	19.2	19.2	19.2	0	19.2
		1	5	19.4	19.2	19.3	0	19.5	19.2	19.1	19.2	0	19.2
		3	0	19.3	19.2	19.3	0	19.5	19.2	19.1	19.2	0	19.2
		3	1	19.3	19.2	19.3	0	19.5	19.2	19.1	19.2	0	19.2
		3	3	19.3	19.3	19.3	0	19.5	19.2	19.1	19.2	0	19.2
		6	0	19.3	19.1	19.3	0	19.5	19.1	19.1	19.1	0	19.2
	256QAM	1	0	18.4	18.1	18.2	1.1	18.4	18.4	18.4	18.4	0.8	18.4
		1	3	18.4	18.3	18.1	1.1	18.4	18.4	18.4	18.3	0.8	18.4
		1	5	18.3	18.2	18.1	1.1	18.4	18.4	18.4	18.4	0.8	18.4
		3	0	18.2	18.1	18.1	1.1	18.4	18.3	18.2	18.4	0.8	18.4
		3	1	18.3	18.1	18.2	1.1	18.4	18.3	18.2	18.3	0.8	18.4
		3	3	18.2	18.1	18.2	1.1	18.4	18.3	18.2	18.4	0.8	18.4
		6	0	18.2	18.2	18.3	1.1	18.4	18.4	18.1	18.3	0.8	18.4

LTE Band 25 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	20.9	21.1	20.8	0	21.2	19.3	19.5	19.5	0	20.5
		1	49	21.0	21.1	20.8	0	21.2	19.5	19.6	19.5	0	20.5
		1	99	21.0	21.0	20.8	0	21.2	19.4	19.5	19.3	0	20.5
		50	0	21.1	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
		50	24	21.1	21.2	20.9	0	21.2	19.6	19.7	19.6	0	20.5
		50	50	21.1	21.1	21.0	0	21.2	19.6	19.6	19.4	0	20.5
		100	0	21.1	21.1	20.9	0	21.2	19.6	19.6	19.6	0	20.5
	16QAM	1	0	21.2	21.2	21.2	0	21.2	19.6	19.7	19.7	0	20.5
		1	49	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	99	21.2	21.2	21.2	0	21.2	19.6	19.7	19.7	0	20.5
		50	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.6	0	20.5
		50	24	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
		50	50	21.1	21.2	21.0	0	21.2	19.6	19.6	19.4	0	20.5
		100	0	21.0	21.2	21.1	0	21.2	19.6	19.6	19.6	0	20.5
	64QAM	1	0	21.2	21.2	21.2	0	21.2	20.3	20.3	20.1	0	20.5
		1	49	21.2	21.2	21.2	0	21.2	20.4	20.3	20.2	0	20.5
		1	99	21.2	21.2	21.1	0	21.2	20.2	20.3	20.1	0	20.5
		50	0	21.1	21.2	21.0	0	21.2	20.2	20.3	20.1	0	20.5
		50	24	21.2	21.2	21.0	0	21.2	20.3	20.3	20.1	0	20.5
		50	50	21.2	21.1	20.9	0	21.2	20.2	20.2	20.0	0	20.5
		100	0	21.2	21.1	21.0	0	21.2	20.2	20.2	20.1	0	20.5
	256QAM	1	0	20.5	20.5	20.5	0.7	20.5	20.3	20.4	20.2	0	20.5
		1	49	20.5	20.5	20.4	0.7	20.5	20.2	20.4	20.1	0	20.5
		1	99	20.5	20.5	20.3	0.7	20.5	20.3	20.3	20.0	0	20.5
		50	0	20.4	20.5	20.3	0.7	20.5	20.2	20.3	20.0	0	20.5
		50	24	20.5	20.5	20.3	0.7	20.5	20.2	20.3	20.0	0	20.5
		50	50	20.5	20.4	20.2	0.7	20.5	20.2	20.2	19.9	0	20.5
		100	0	20.5	20.4	20.3	0.7	20.5	20.2	20.2	20.1	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	20.9	21.1	20.9	0	21.2	19.4	19.6	19.4	0	20.5
		1	37	20.9	21.1	20.9	0	21.2	19.4	19.7	19.4	0	20.5
		1	74	21.0	21.0	20.8	0	21.2	19.5	19.5	19.2	0	20.5
		36	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
		36	20	21.1	21.2	21.0	0	21.2	19.6	19.7	19.5	0	20.5
		36	39	21.1	21.2	20.9	0	21.2	19.6	19.6	19.4	0	20.5
		75	0	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
	16QAM	1	0	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	37	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	74	21.2	21.2	21.1	0	21.2	19.7	19.7	19.6	0	20.5
		36	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
		36	20	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
		36	39	21.1	21.2	20.9	0	21.2	19.6	19.6	19.4	0	20.5
		75	0	21.1	21.2	21.0	0	21.2	19.6	19.7	19.5	0	20.5
	64QAM	1	0	21.2	21.2	21.1	0	21.2	20.4	20.3	20.2	0	20.5
		1	37	21.2	21.2	21.0	0	21.2	20.4	20.3	20.2	0	20.5
		1	74	21.2	21.2	20.9	0	21.2	20.4	20.2	20.1	0	20.5
		36	0	21.1	21.2	20.9	0	21.2	20.2	20.3	20.1	0	20.5
		36	20	21.2	21.2	20.9	0	21.2	20.3	20.3	20.0	0	20.5
		36	39	21.2	21.1	20.8	0	21.2	20.3	20.2	19.9	0	20.5
		75	0	21.2	21.2	20.9	0	21.2	20.3	20.3	20.0	0	20.5
	256QAM	1	0	20.4	20.5	20.3	0.7	20.5	20.3	20.3	20.1	0	20.5
		1	37	20.5	20.5	20.2	0.7	20.5	20.3	20.4	20.1	0	20.5
		1	74	20.5	20.5	20.2	0.7	20.5	20.4	20.3	20.1	0	20.5
		36	0	20.5	20.5	20.3	0.7	20.5	20.2	20.3	20.0	0	20.5
		36	20	20.5	20.5	20.2	0.7	20.5	20.3	20.3	20.0	0	20.5
		36	39	20.5	20.4	20.1	0.7	20.5	20.3	20.2	19.9	0	20.5
		75	0	20.5	20.5	20.3	0.7	20.5	20.3	20.3	20.0	0	20.5

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
		1	25	21.1	21.2	21.1	0	21.2	19.6	19.7	19.6	0	20.5
		1	49	21.1	21.2	21.0	0	21.2	19.6	19.7	19.5	0	20.5
		25	0	21.1	21.2	21.2	0	21.2	19.5	19.7	19.6	0	20.5
		25	12	21.2	21.2	21.2	0	21.2	19.7	19.7	19.6	0	20.5
		25	25	21.2	21.2	21.1	0	21.2	19.7	19.7	19.5	0	20.5
		50	0	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
	16QAM	1	0	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	25	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	49	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		25	0	21.1	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
		25	12	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		25	25	21.2	21.2	21.1	0	21.2	19.7	19.7	19.5	0	20.5
		50	0	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
	64QAM	1	0	21.2	21.2	21.2	0	21.2	20.5	20.4	20.3	0	20.5
		1	25	21.2	21.2	21.1	0	21.2	20.5	20.5	20.3	0	20.5
		1	49	21.2	21.2	21.1	0	21.2	20.5	20.4	20.2	0	20.5
		25	0	21.2	21.2	21.1	0	21.2	20.3	20.4	20.1	0	20.5
		25	12	21.2	21.2	21.1	0	21.2	20.4	20.4	20.1	0	20.5
		25	25	21.2	21.2	21.0	0	21.2	20.4	20.3	20.1	0	20.5
		50	0	21.2	21.2	21.1	0	21.2	20.4	20.4	20.1	0	20.5
	256QAM	1	0	20.5	20.5	20.3	0.7	20.5	20.4	20.5	20.2	0	20.5
		1	25	20.5	20.5	20.4	0.7	20.5	20.5	20.5	20.2	0	20.5
		1	49	20.5	20.5	20.2	0.7	20.5	20.5	20.4	20.1	0	20.5
		25	0	20.5	20.5	20.4	0.7	20.5	20.3	20.4	20.1	0	20.5
		25	12	20.5	20.5	20.4	0.7	20.5	20.4	20.4	20.1	0	20.5
		25	25	20.5	20.5	20.3	0.7	20.5	20.4	20.3	20.0	0	20.5
		50	0	20.5	20.5	20.3	0.7	20.5	20.3	20.4	20.1	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
		1	12	21.2	21.2	21.2	0	21.2	19.7	19.7	19.6	0	20.5
		1	24	21.1	21.2	21.0	0	21.2	19.6	19.7	19.5	0	20.5
		12	0	21.1	21.2	21.1	0	21.2	19.6	19.7	19.6	0	20.5
		12	7	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
		12	13	21.2	21.2	21.1	0	21.2	19.6	19.7	19.6	0	20.5
		25	0	21.2	21.2	21.1	0	21.2	19.6	19.7	19.6	0	20.5
	16QAM	1	0	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	12	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	24	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		12	0	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
		12	7	21.2	21.2	21.2	0	21.2	19.7	19.7	19.6	0	20.5
		12	13	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
		25	0	21.2	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
	64QAM	1	0	21.2	21.2	21.2	0	21.2	20.4	20.4	20.2	0	20.5
		1	12	21.2	21.2	21.2	0	21.2	20.4	20.5	20.3	0	20.5
		1	24	21.2	21.2	21.2	0	21.2	20.3	20.4	20.2	0	20.5
		12	0	21.2	21.2	21.1	0	21.2	20.3	20.4	20.1	0	20.5
		12	7	21.2	21.2	21.2	0	21.2	20.4	20.4	20.1	0	20.5
		12	13	21.2	21.2	21.1	0	21.2	20.4	20.4	20.1	0	20.5
		25	0	21.2	21.2	21.0	0	21.2	20.4	20.4	20.0	0	20.5
	256QAM	1	0	20.5	20.5	20.5	0.7	20.5	20.3	20.5	20.1	0	20.5
		1	12	20.5	20.5	20.5	0.7	20.5	20.5	20.5	20.3	0	20.5
		1	24	20.5	20.5	20.5	0.7	20.5	20.4	20.4	20.1	0	20.5
		12	0	20.5	20.5	20.3	0.7	20.5	20.4	20.3	20.1	0	20.5
		12	7	20.5	20.5	20.4	0.7	20.5	20.4	20.4	20.1	0	20.5
		12	13	20.5	20.5	20.3	0.7	20.5	20.4	20.3	20.1	0	20.5
		25	0	20.5	20.5	20.3	0.7	20.5	20.4	20.3	20.0	0	20.5

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
		1	8	21.1	21.2	21.1	0	21.2	19.6	19.7	19.6	0	20.5
		1	14	21.1	21.2	21.0	0	21.2	19.5	19.7	19.4	0	20.5
		8	0	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
		8	4	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
		8	7	21.1	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
		15	0	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
	16QAM	1	0	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	8	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	14	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		8	0	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
		8	4	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		8	7	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		15	0	21.2	21.2	21.2	0	21.2	19.6	19.7	19.6	0	20.5
	64QAM	1	0	21.2	21.2	21.2	0	21.2	20.2	20.5	20.4	0	20.5
		1	8	21.2	21.2	21.2	0	21.2	20.3	20.5	20.5	0	20.5
		1	14	21.2	21.2	21.2	0	21.2	20.2	20.5	20.5	0	20.5
		8	0	21.2	21.2	21.1	0	21.2	20.1	20.4	20.4	0	20.5
		8	4	21.2	21.2	21.2	0	21.2	20.1	20.4	20.4	0	20.5
		8	7	21.2	21.2	21.1	0	21.2	20.1	20.4	20.4	0	20.5
		15	0	21.2	21.2	21.0	0	21.2	20.0	20.4	20.3	0	20.5
	256QAM	1	0	20.5	20.5	20.5	0.7	20.5	20.1	20.5	20.2	0	20.5
		1	8	20.5	20.5	20.5	0.7	20.5	20.2	20.5	20.5	0	20.5
		1	14	20.5	20.5	20.5	0.7	20.5	20.0	20.4	20.3	0	20.5
		8	0	20.5	20.5	20.3	0.7	20.5	20.0	20.4	20.3	0	20.5
		8	4	20.5	20.5	20.4	0.7	20.5	20.1	20.4	20.4	0	20.5
		8	7	20.5	20.5	20.3	0.7	20.5	20.1	20.4	20.4	0	20.5
		15	0	20.5	20.5	20.3	0.7	20.5	20.0	20.3	20.3	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
		1	3	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
		1	5	21.0	21.2	21.0	0	21.2	19.5	19.7	19.5	0	20.5
		3	0	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
		3	1	21.1	21.2	21.1	0	21.2	19.6	19.7	19.6	0	20.5
		3	3	21.1	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
		6	0	21.0	21.2	21.1	0	21.2	19.5	19.7	19.5	0	20.5
	16QAM	1	0	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	3	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		1	5	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		3	0	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		3	1	21.2	21.2	21.2	0	21.2	19.7	19.7	19.7	0	20.5
		3	3	21.2	21.2	21.2	0	21.2	19.7	19.7	19.6	0	20.5
		6	0	21.2	21.2	21.1	0	21.2	19.6	19.7	19.5	0	20.5
	64QAM	1	0	21.2	21.2	21.2	0	21.2	20.2	20.5	20.4	0	20.5
		1	3	21.2	21.2	21.2	0	21.2	20.1	20.5	20.5	0	20.5
		1	5	21.2	21.2	21.2	0	21.2	20.1	20.4	20.5	0	20.5
		3	0	21.2	21.2	21.1	0	21.2	20.1	20.3	20.4	0	20.5
		3	1	21.2	21.2	21.1	0	21.2	20.1	20.4	20.4	0	20.5
		3	3	21.2	21.2	21.1	0	21.2	20.1	20.3	20.4	0	20.5
		6	0	21.2	21.2	21.1	0	21.2	20.0	20.4	20.3	0	20.5
	256QAM	1	0	20.5	20.5	20.3	0.7	20.5	20.1	20.4	20.4	0	20.5
		1	3	20.5	20.5	20.4	0.7	20.5	20.2	20.4	20.4	0	20.5
		1	5	20.5	20.5	20.3	0.7	20.5	20.1	20.5	20.4	0	20.5
		3	0	20.5	20.5	20.3	0.7	20.5	20.0	20.3	20.3	0	20.5
		3	1	20.5	20.5	20.3	0.7	20.5	20.1	20.3	20.4	0	20.5
		3	3	20.5	20.5	20.3	0.7	20.5	20.1	20.3	20.4	0	20.5
		6	0	20.5	20.5	20.2	0.7	20.5	20.1	20.3	20.3	0	20.5

LTE Band 25 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	18.3	18.6	18.7	0	19.2	19.5	19.5	19.7	0	20.2
		1	49	18.3	18.6	18.7	0	19.2	19.5	19.5	19.7	0	20.2
		1	99	18.3	18.6	18.7	0	19.2	19.5	19.5	19.7	0	20.2
		50	0	18.5	18.6	18.8	0	19.2	19.6	19.6	19.7	0	20.2
		50	24	18.5	18.6	18.9	0	19.2	19.6	19.6	19.7	0	20.2
		50	50	18.5	18.6	18.9	0	19.2	19.6	19.6	19.7	0	20.2
		100	0	18.5	18.6	18.6	0	19.2	19.5	19.5	19.5	0	20.2
	16QAM	1	0	19.1	19.1	19.2	0	19.2	20.0	20.0	20.2	0	20.2
		1	49	19.1	19.1	19.2	0	19.2	20.0	20.1	20.2	0	20.2
		1	99	18.9	19.0	19.2	0	19.2	19.9	20.0	20.2	0	20.2
		50	0	18.9	18.7	18.8	0	19.2	19.9	19.7	19.9	0	20.2
		50	24	18.9	18.7	19.0	0	19.2	19.9	19.7	20.0	0	20.2
		50	50	18.8	18.8	18.9	0	19.2	19.7	19.8	19.9	0	20.2
		100	0	18.9	18.8	18.9	0	19.2	19.9	19.8	20.0	0	20.2
	64QAM	1	0	18.8	18.5	18.6	0	19.2	19.8	19.5	19.5	0	20.2
		1	49	18.8	18.6	18.8	0	19.2	19.8	19.7	19.7	0	20.2
		1	99	18.5	18.5	18.8	0	19.2	19.5	19.5	19.6	0	20.2
		50	0	18.7	18.4	18.5	0	19.2	19.4	19.1	19.2	0.3	19.9
		50	24	18.7	18.4	18.6	0	19.2	19.4	19.1	19.3	0.3	19.9
		50	50	18.5	18.4	18.6	0	19.2	19.2	19.2	19.3	0.3	19.9
		100	0	18.7	18.5	18.6	0	19.2	19.4	19.2	19.3	0.3	19.9
	256QAM	1	0	17.7	17.3	17.1	1.3	17.9	17.6	17.3	17.2	2.3	17.9
		1	49	17.5	17.3	17.2	1.3	17.9	17.5	17.3	17.3	2.3	17.9
		1	99	17.3	17.3	17.3	1.3	17.9	17.3	17.3	17.4	2.3	17.9
		50	0	17.4	17.1	17.1	1.3	17.9	17.4	17.1	17.2	2.3	17.9
		50	24	17.4	17.1	17.3	1.3	17.9	17.4	17.1	17.3	2.3	17.9
		50	50	17.3	17.1	17.3	1.3	17.9	17.2	17.2	17.3	2.3	17.9
		100	0	17.4	17.1	17.3	1.3	17.9	17.4	17.2	17.3	2.3	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	18.9	18.6	18.8	0	19.2	19.8	19.7	19.7	0	20.2
		1	37	18.8	18.7	18.8	0	19.2	19.8	19.7	19.8	0	20.2
		1	74	18.8	18.6	18.7	0	19.2	19.7	19.6	19.7	0	20.2
		36	0	19.0	18.7	18.8	0	19.2	19.9	19.7	19.9	0	20.2
		36	20	18.9	18.7	18.8	0	19.2	19.8	19.7	19.8	0	20.2
		36	39	18.8	18.8	18.9	0	19.2	19.8	19.8	19.9	0	20.2
		75	0	18.9	18.8	18.9	0	19.2	19.9	19.8	19.9	0	20.2
	16QAM	1	0	19.2	19.1	19.0	0	19.2	20.2	20.0	20.1	0	20.2
		1	37	19.2	19.1	19.1	0	19.2	20.2	20.1	20.1	0	20.2
		1	74	19.1	19.0	19.0	0	19.2	20.2	20.0	20.1	0	20.2
		36	0	18.9	18.7	18.8	0	19.2	19.9	19.7	19.9	0	20.2
		36	20	18.9	18.7	18.8	0	19.2	19.8	19.7	19.9	0	20.2
		36	39	18.8	18.8	18.9	0	19.2	19.8	19.8	19.9	0	20.2
		75	0	18.8	18.8	18.8	0	19.2	19.8	19.8	19.9	0	20.2
	64QAM	1	0	18.9	18.6	18.7	0	19.2	19.9	19.6	19.6	0	20.2
		1	37	18.9	18.6	18.8	0	19.2	19.8	19.6	19.7	0	20.2
		1	74	18.8	18.5	18.7	0	19.2	19.7	19.6	19.6	0	20.2
		36	0	18.8	18.4	18.5	0	19.2	19.4	19.1	19.2	0.3	19.9
		36	20	18.7	18.4	18.5	0	19.2	19.3	19.1	19.2	0.3	19.9
		36	39	18.7	18.5	18.6	0	19.2	19.3	19.2	19.3	0.3	19.9
		75	0	18.7	18.5	18.5	0	19.2	19.3	19.2	19.3	0.3	19.9
	256QAM	1	0	17.5	17.2	17.2	1.3	17.9	17.5	17.2	17.2	2.3	17.9
		1	37	17.4	17.3	17.3	1.3	17.9	17.4	17.2	17.3	2.3	17.9
		1	74	17.2	17.3	17.4	1.3	17.9	17.3	17.2	17.4	2.3	17.9
		36	0	17.5	17.1	17.2	1.3	17.9	17.4	17.1	17.2	2.3	17.9
		36	20	17.4	17.1	17.2	1.3	17.9	17.3	17.1	17.2	2.3	17.9
		36	39	17.3	17.2	17.3	1.3	17.9	17.3	17.2	17.3	2.3	17.9
		75	0	17.4	17.2	17.2	1.3	17.9	17.3	17.2	17.3	2.3	17.9

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	19.0	18.8	19.0	0	19.2	20.0	19.7	20.0	0	20.2
		1	25	19.1	18.8	19.0	0	19.2	20.0	19.8	20.0	0	20.2
		1	49	18.9	18.8	19.0	0	19.2	19.9	19.8	20.0	0	20.2
		25	0	19.1	18.8	19.0	0	19.2	20.1	19.8	20.0	0	20.2
		25	12	19.1	18.9	19.0	0	19.2	20.1	19.8	20.0	0	20.2
		25	25	19.0	18.9	19.1	0	19.2	19.9	19.9	20.1	0	20.2
		50	0	19.0	18.8	19.0	0	19.2	20.0	19.8	20.0	0	20.2
	16QAM	1	0	19.2	19.1	19.2	0	19.2	20.2	20.1	20.2	0	20.2
		1	25	19.2	19.2	19.2	0	19.2	20.2	20.2	20.2	0	20.2
		1	49	19.2	19.1	19.2	0	19.2	20.1	20.2	20.2	0	20.2
		25	0	19.1	18.9	19.0	0	19.2	20.1	19.8	20.1	0	20.2
		25	12	19.1	18.9	19.0	0	19.2	20.1	19.9	20.1	0	20.2
		25	25	19.0	19.0	19.1	0	19.2	20.0	19.9	20.1	0	20.2
		50	0	19.0	18.8	19.0	0	19.2	20.1	19.8	20.0	0	20.2
	64QAM	1	0	19.1	18.6	18.8	0	19.2	20.1	19.6	19.8	0	20.2
		1	25	19.1	18.7	18.9	0	19.2	20.1	19.7	19.9	0	20.2
		1	49	19.0	18.7	18.9	0	19.2	20.0	19.7	19.9	0	20.2
		25	0	18.9	18.5	18.6	0	19.2	19.6	19.2	19.3	0.3	19.9
		25	12	18.9	18.5	18.7	0	19.2	19.6	19.2	19.4	0.3	19.9
		25	25	18.8	18.6	18.7	0	19.2	19.5	19.3	19.4	0.3	19.9
		50	0	18.9	18.5	18.6	0	19.2	19.5	19.2	19.4	0.3	19.9
	256QAM	1	0	17.7	17.3	17.4	1.3	17.9	17.7	17.4	17.4	2.3	17.9
		1	25	17.8	17.5	17.6	1.3	17.9	17.7	17.5	17.6	2.3	17.9
		1	49	17.6	17.4	17.6	1.3	17.9	17.5	17.4	17.6	2.3	17.9
		25	0	17.6	17.2	17.3	1.3	17.9	17.6	17.3	17.3	2.3	17.9
		25	12	17.6	17.3	17.4	1.3	17.9	17.6	17.3	17.4	2.3	17.9
		25	25	17.5	17.3	17.4	1.3	17.9	17.5	17.3	17.4	2.3	17.9
		50	0	17.6	17.2	17.4	1.3	17.9	17.6	17.2	17.4	2.3	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	18.7	18.5	18.8	0	19.2	19.7	19.8	20.0	0	20.2
		1	12	18.8	18.6	18.8	0	19.2	19.8	19.9	20.0	0	20.2
		1	24	18.7	18.5	18.8	0	19.2	19.8	19.8	20.0	0	20.2
		12	0	18.8	18.5	18.7	0	19.2	19.8	19.8	20.0	0	20.2
		12	7	18.7	18.5	18.9	0	19.2	19.8	19.8	20.1	0	20.2
		12	13	18.7	18.6	18.8	0	19.2	19.9	19.9	20.1	0	20.2
		25	0	18.7	18.5	18.8	0	19.2	19.8	19.8	20.0	0	20.2
	16QAM	1	0	19.1	18.8	19.2	0	19.2	20.1	20.1	20.2	0	20.2
		1	12	19.1	19.0	19.2	0	19.2	20.2	20.2	20.2	0	20.2
		1	24	19.0	18.9	19.2	0	19.2	20.1	20.1	20.2	0	20.2
		12	0	18.9	18.6	18.8	0	19.2	19.9	19.8	20.0	0	20.2
		12	7	18.9	18.7	18.9	0	19.2	19.9	19.8	20.1	0	20.2
		12	13	18.8	18.7	18.9	0	19.2	20.0	19.9	20.1	0	20.2
		25	0	18.7	18.6	18.8	0	19.2	19.8	19.8	20.1	0	20.2
	64QAM	1	0	19.0	18.7	18.9	0	19.2	19.9	19.7	19.7	0	20.2
		1	12	19.0	18.7	19.0	0	19.2	20.0	19.8	19.8	0	20.2
		1	24	18.9	18.7	18.9	0	19.2	19.9	19.8	19.8	0	20.2
		12	0	18.9	18.5	18.7	0	19.2	19.6	19.2	19.3	0.3	19.9
		12	7	18.9	18.6	18.8	0	19.2	19.6	19.3	19.4	0.3	19.9
		12	13	18.9	18.6	18.8	0	19.2	19.5	19.3	19.4	0.3	19.9
		25	0	18.8	18.5	18.8	0	19.2	19.5	19.2	19.4	0.3	19.9
	256QAM	1	0	17.8	17.3	17.5	1.3	17.9	17.7	17.3	17.5	2.3	17.9
		1	12	17.9	17.4	17.6	1.3	17.9	17.8	17.5	17.6	2.3	17.9
		1	24	17.7	17.4	17.6	1.3	17.9	17.7	17.4	17.6	2.3	17.9
		12	0	17.7	17.2	17.4	1.3	17.9	17.6	17.2	17.3	2.3	17.9
		12	7	17.6	17.3	17.5	1.3	17.9	17.6	17.3	17.4	2.3	17.9
		12	13	17.6	17.3	17.5	1.3	17.9	17.5	17.3	17.4	2.3	17.9
		25	0	17.6	17.2	17.4	1.3	17.9	17.5	17.2	17.4	2.3	17.9

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	19.0	18.7	19.0	0	19.2	20.0	19.7	19.9	0	20.2
		1	8	19.1	18.9	19.0	0	19.2	20.0	19.8	20.0	0	20.2
		1	14	19.0	18.8	19.0	0	19.2	19.9	19.7	19.9	0	20.2
		8	0	19.1	18.8	19.0	0	19.2	20.0	19.8	20.0	0	20.2
		8	4	19.1	18.8	19.1	0	19.2	20.1	19.8	20.1	0	20.2
		8	7	19.1	18.9	19.1	0	19.2	20.1	19.9	20.1	0	20.2
		15	0	19.0	18.8	19.1	0	19.2	20.0	19.8	20.0	0	20.2
	16QAM	1	0	19.2	19.1	19.2	0	19.2	20.2	20.2	20.2	0	20.2
		1	8	19.2	19.2	19.2	0	19.2	20.2	20.2	20.2	0	20.2
		1	14	19.2	19.2	19.2	0	19.2	20.2	20.2	20.2	0	20.2
		8	0	19.1	18.9	19.0	0	19.2	20.1	19.9	20.0	0	20.2
		8	4	19.2	18.9	19.2	0	19.2	20.1	19.9	20.1	0	20.2
		8	7	19.1	19.0	19.2	0	19.2	20.1	19.9	20.1	0	20.2
		15	0	19.0	18.8	19.1	0	19.2	20.0	19.8	20.1	0	20.2
	64QAM	1	0	19.2	18.7	18.8	0	19.2	20.0	19.6	19.8	0	20.2
		1	8	19.1	18.8	19.0	0	19.2	20.1	19.8	19.9	0	20.2
		1	14	19.0	18.8	18.9	0	19.2	20.0	19.7	19.8	0	20.2
		8	0	19.0	18.5	18.7	0	19.2	19.6	19.2	19.3	0.3	19.9
		8	4	19.0	18.5	18.8	0	19.2	19.7	19.3	19.4	0.3	19.9
		8	7	18.9	18.6	18.8	0	19.2	19.6	19.3	19.4	0.3	19.9
		15	0	17.7	18.5	18.7	0	19.2	19.5	19.2	19.4	0.3	19.9
	256QAM	1	0	17.8	17.3	17.4	1.3	17.9	17.7	17.3	17.4	2.3	17.9
		1	8	17.6	17.5	17.6	1.3	17.9	17.8	17.5	17.6	2.3	17.9
		1	14	17.7	17.4	17.5	1.3	17.9	17.6	17.4	17.5	2.3	17.9
		8	0	17.7	17.2	17.4	1.3	17.9	17.6	17.3	17.3	2.3	17.9
		8	4	17.7	17.3	17.5	1.3	17.9	17.7	17.3	17.4	2.3	17.9
		8	7	17.6	17.3	17.5	1.3	17.9	17.7	17.4	17.4	2.3	17.9
		15	0	17.2	17.2	17.5	1.3	17.9	17.6	17.2	17.4	2.3	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	19.0	18.8	19.0	0	19.2	20.0	19.7	20.0	0	20.2
		1	3	19.0	18.8	19.0	0	19.2	20.0	19.8	20.0	0	20.2
		1	5	19.0	18.8	19.0	0	19.2	20.0	19.8	20.0	0	20.2
		3	0	19.0	18.8	19.0	0	19.2	20.0	19.8	20.1	0	20.2
		3	1	19.1	18.8	19.0	0	19.2	20.0	19.8	20.1	0	20.2
		3	3	19.1	18.8	19.1	0	19.2	20.0	19.9	20.1	0	20.2
		6	0	19.0	18.7	19.0	0	19.2	20.0	19.8	20.0	0	20.2
	16QAM	1	0	19.2	18.9	19.2	0	19.2	20.2	20.0	20.2	0	20.2
		1	3	19.2	19.0	19.2	0	19.2	20.2	20.1	20.2	0	20.2
		1	5	19.2	19.0	19.2	0	19.2	20.2	20.0	20.2	0	20.2
		3	0	19.1	18.9	19.2	0	19.2	20.2	19.9	20.2	0	20.2
		3	1	19.2	18.9	19.2	0	19.2	20.2	19.9	20.2	0	20.2
		3	3	19.2	18.9	19.2	0	19.2	20.2	20.0	20.2	0	20.2
		6	0	19.1	18.8	19.1	0	19.2	20.1	19.8	20.1	0	20.2
	64QAM	1	0	19.1	18.4	18.8	0	19.2	20.1	19.7	19.8	0	20.2
		1	3	19.1	18.5	18.9	0	19.2	20.2	19.6	19.9	0	20.2
		1	5	19.1	18.6	18.8	0	19.2	20.1	19.6	19.8	0	20.2
		3	0	19.0	18.6	18.8	0	19.2	19.9	19.6	19.8	0	20.2
		3	1	19.0	18.6	18.8	0	19.2	19.9	19.6	19.8	0	20.2
		3	3	19.0	18.7	18.8	0	19.2	19.9	19.6	19.8	0	20.2
		6	0	18.9	18.5	18.7	0	19.2	19.6	19.1	19.3	0.3	19.9
	256QAM	1	0	17.7	17.3	17.6	1.3	17.9	17.8	17.3	17.5	2.3	17.9
		1	3	17.8	17.5	17.6	1.3	17.9	17.8	17.4	17.5	2.3	17.9
		1	5	17.7	17.4	17.6	1.3	17.9	17.8	17.3	17.5	2.3	17.9
		3	0	17.7	17.2	17.5	1.3	17.9	17.7	17.2	17.4	2.3	17.9
		3	1	17.7	17.2	17.5	1.3	17.9	17.7	17.2	17.4	2.3	17.9
		3	3	17.7	17.3	17.5	1.3	17.9	17.6	17.3	17.4	2.3	17.9
		6	0	17.8	17.1	17.5	1.3	17.9	17.6	17.2	17.3	2.3	17.9

LTE Band 26 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Max Output Pwr	26740	26865	26990	MPR	Max Output Pwr
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	25.3	25.4	25.4	0	25.7	25.3	25.4	25.4	0	25.7
		1	25	25.5	25.5	25.4	0	25.7	25.5	25.5	25.4	0	25.7
		1	49	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		25	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		25	12	24.6	24.5	24.6	1	24.7	24.6	24.5	24.6	1	24.7
		25	25	24.4	24.5	24.4	1	24.7	24.4	24.5	24.4	1	24.7
		50	0	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
	16QAM	1	0	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		1	25	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	49	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		25	0	23.4	23.5	23.4	2	23.7	23.4	23.5	23.4	2	23.7
		25	12	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		25	25	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		50	0	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
	64QAM	1	0	23.7	23.6	23.7	2	23.7	23.7	23.6	23.7	2	23.7
		1	25	23.7	23.7	23.7	2	23.7	23.7	23.7	23.7	2	23.7
		1	49	23.6	23.6	23.6	2	23.7	23.6	23.6	23.6	2	23.7
		25	0	22.4	22.5	22.4	3	22.7	22.4	22.5	22.4	3	22.7
		25	12	22.6	22.5	22.5	3	22.7	22.6	22.5	22.5	3	22.7
		25	25	22.5	22.6	22.5	3	22.7	22.5	22.6	22.5	3	22.7
		50	0	22.5	22.5	22.5	3	22.7	22.5	22.5	22.5	3	22.7
	256QAM	1	0	20.5	20.6	20.6	5	20.7	20.5	20.6	20.6	5	20.7
		1	25	20.7	20.7	20.6	5	20.7	20.7	20.7	20.6	5	20.7
		1	49	20.6	20.7	20.6	5	20.7	20.6	20.7	20.6	5	20.7
		25	0	20.5	20.5	20.4	5	20.7	20.5	20.5	20.4	5	20.7
		25	12	20.6	20.5	20.5	5	20.7	20.6	20.5	20.5	5	20.7
		25	25	20.6	20.6	20.5	5	20.7	20.6	20.6	20.5	5	20.7
		50	0	20.5	20.5	20.4	5	20.7	20.5	20.5	20.4	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Max Output Pwr	26715	26865	27015	MPR	Max Output Pwr
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		1	12	25.4	25.5	25.4	0	25.7	25.4	25.5	25.4	0	25.7
		1	24	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		12	0	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
		12	7	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		12	13	24.4	24.5	24.4	1	24.7	24.4	24.5	24.4	1	24.7
		25	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
	16QAM	1	0	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	12	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	24	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		12	0	23.4	23.5	23.4	2	23.7	23.4	23.5	23.4	2	23.7
		12	7	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		12	13	23.4	23.6	23.5	2	23.7	23.4	23.6	23.5	2	23.7
		25	0	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
	64QAM	1	0	23.5	23.7	23.6	2	23.7	23.5	23.7	23.6	2	23.7
		1	12	23.6	23.7	23.7	2	23.7	23.6	23.7	23.7	2	23.7
		1	24	23.5	23.7	23.6	2	23.7	23.5	23.7	23.6	2	23.7
		12	0	22.4	22.5	22.4	3	22.7	22.4	22.5	22.4	3	22.7
		12	7	22.6	22.5	22.5	3	22.7	22.6	22.5	22.5	3	22.7
		12	13	22.5	22.5	22.5	3	22.7	22.5	22.5	22.5	3	22.7
		25	0	22.5	22.5	22.4	3	22.7	22.5	22.5	22.4	3	22.7
	256QAM	1	0	20.5	20.5	20.6	5	20.7	20.5	20.5	20.6	5	20.7
		1	12	20.6	20.7	20.7	5	20.7	20.6	20.7	20.7	5	20.7
		1	24	20.6	20.6	20.6	5	20.7	20.6	20.6	20.6	5	20.7
		12	0	20.4	20.5	20.4	5	20.7	20.4	20.5	20.4	5	20.7
		12	7	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		12	13	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		25	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7

LTE Band 26 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26705	26865	27025	MPR	Max Output Pwr	26705	26865	27025	MPR	Max Output Pwr
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		1	8	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		1	14	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		8	0	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		8	4	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		8	7	24.4	24.5	24.4	1	24.7	24.4	24.5	24.4	1	24.7
		15	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
	16QAM	1	0	24.6	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		1	8	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	14	24.6	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		8	0	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		8	4	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		8	7	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		15	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
	64QAM	1	0	23.7	23.6	23.6	2	23.7	23.7	23.6	23.6	2	23.7
		1	8	23.6	23.7	23.7	2	23.7	23.6	23.7	23.7	2	23.7
		1	14	23.6	23.6	23.6	2	23.7	23.6	23.6	23.6	2	23.7
		8	0	22.5	22.4	22.5	3	22.7	22.5	22.4	22.5	3	22.7
		8	4	22.6	22.5	22.5	3	22.7	22.6	22.5	22.5	3	22.7
		8	7	22.6	22.6	22.5	3	22.7	22.6	22.6	22.5	3	22.7
		15	0	22.5	22.5	22.5	3	22.7	22.5	22.5	22.5	3	22.7
	256QAM	1	0	20.6	20.5	20.6	5	20.7	20.6	20.5	20.6	5	20.7
		1	8	20.7	20.7	20.6	5	20.7	20.7	20.7	20.6	5	20.7
		1	14	20.6	20.7	20.6	5	20.7	20.6	20.7	20.6	5	20.7
		8	0	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		8	4	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		8	7	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		15	0	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Max Output Pwr	26697	26865	27033	MPR	Max Output Pwr
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		1	3	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		1	5	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		3	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	1	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		3	3	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		6	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
	16QAM	1	0	24.5	24.5	24.6	1	24.7	24.5	24.5	24.6	1	24.7
		1	3	24.6	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		1	5	24.6	24.6	24.6	1	24.7	24.6	24.6	24.6	1	24.7
		3	0	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		3	1	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		3	3	24.5	24.6	24.5	1	24.7	24.5	24.6	24.5	1	24.7
		6	0	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
	64QAM	1	0	23.5	23.6	23.5	2	23.7	23.5	23.6	23.5	2	23.7
		1	3	23.7	23.6	23.6	2	23.7	23.7	23.6	23.6	2	23.7
		1	5	23.5	23.7	23.5	2	23.7	23.5	23.7	23.5	2	23.7
		3	0	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		3	1	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		3	3	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		6	0	22.5	22.4	22.4	3	22.7	22.5	22.4	22.4	3	22.7
	256QAM	1	0	20.4	20.5	20.5	5	20.7	20.4	20.5	20.5	5	20.7
		1	3	20.6	20.6	20.6	5	20.7	20.6	20.6	20.6	5	20.7
		1	5	20.5	20.6	20.5	5	20.7	20.5	20.6	20.5	5	20.7
		3	0	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		3	1	20.6	20.5	20.5	5	20.7	20.6	20.5	20.5	5	20.7
		3	3	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		6	0	20.5	20.5	20.4	5	20.7	20.5	20.5	20.4	5	20.7

LTE Band 26 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Max Output Pwr	26740	26865	26990	MPR	Max Output Pwr
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	23.0	23.0	23.0	0	23.5	24.0	24.0	24.0	0	24.7
		1	25	23.0	23.0	23.0	0	23.5	24.0	24.1	24.1	0	24.7
		1	49	23.0	23.0	23.0	0	23.5	24.0	24.0	24.0	0	24.7
		25	0	23.0	23.0	23.0	0	23.5	23.1	23.1	23.1	1	23.7
		25	12	23.0	23.0	23.0	0	23.5	23.2	23.1	23.2	1	23.7
		25	25	23.0	23.0	23.0	0	23.5	23.1	23.1	23.1	1	23.7
		50	0	22.9	22.9	22.9	0	23.5	23.1	23.1	23.2	1	23.7
	16QAM	1	0	23.4	23.5	23.5	0	23.5	23.6	23.7	23.7	1	23.7
		1	25	23.5	23.5	23.5	0	23.5	23.7	23.7	23.7	1	23.7
		1	49	23.4	23.5	23.5	0	23.5	23.6	23.7	23.7	1	23.7
		25	0	22.4	22.4	22.5	0.8	22.7	22.4	22.4	22.5	2	22.7
		25	12	22.4	22.4	22.5	0.8	22.7	22.5	22.4	22.5	2	22.7
		25	25	22.4	22.4	22.6	0.8	22.7	22.5	22.4	22.5	2	22.7
		50	0	22.4	22.4	22.5	0.8	22.7	22.5	22.4	22.5	2	22.7
	64QAM	1	0	22.6	22.6	22.6	0.8	22.7	22.6	22.5	22.6	2	22.7
		1	25	22.7	22.6	22.6	0.8	22.7	22.7	22.5	22.6	2	22.7
		1	49	22.6	22.6	22.6	0.8	22.7	22.6	22.6	22.6	2	22.7
		25	0	21.3	21.4	21.4	1.8	21.7	21.3	21.4	21.4	3	21.7
		25	12	21.4	21.4	21.4	1.8	21.7	21.4	21.4	21.4	3	21.7
		25	25	21.4	21.4	21.5	1.8	21.7	21.4	21.5	21.5	3	21.7
		50	0	21.4	21.4	21.4	1.8	21.7	21.4	21.4	21.4	3	21.7
	256QAM	1	0	19.4	19.5	19.5	3.8	19.7	19.4	19.5	19.5	5	19.7
		1	25	19.5	19.7	19.6	3.8	19.7	19.5	19.6	19.6	5	19.7
		1	49	19.5	19.6	19.5	3.8	19.7	19.5	19.5	19.6	5	19.7
		25	0	19.3	19.4	19.4	3.8	19.7	19.3	19.4	19.4	5	19.7
		25	12	19.4	19.4	19.4	3.8	19.7	19.5	19.4	19.4	5	19.7
		25	25	19.4	19.5	19.4	3.8	19.7	19.4	19.5	19.5	5	19.7
		50	0	19.4	19.4	19.4	3.8	19.7	19.4	19.4	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Max Output Pwr	26715	26865	27015	MPR	Max Output Pwr
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	23.1	23.1	23.2	0	23.5	24.3	24.3	24.4	0	24.7
		1	12	23.2	23.1	23.3	0	23.5	24.4	24.4	24.4	0	24.7
		1	24	23.1	23.1	23.2	0	23.5	24.3	24.3	24.4	0	24.7
		12	0	23.1	23.1	23.2	0	23.5	23.3	23.3	23.4	1	23.7
		12	7	23.3	23.2	23.3	0	23.5	23.4	23.4	23.5	1	23.7
		12	13	23.2	23.2	23.3	0	23.5	23.4	23.4	23.5	1	23.7
		25	0	23.2	23.2	23.2	0	23.5	23.4	23.4	23.4	1	23.7
	16QAM	1	0	23.5	23.5	23.5	0	23.5	23.7	23.7	23.7	1	23.7
		1	12	23.5	23.5	23.5	0	23.5	23.7	23.7	23.7	1	23.7
		1	24	23.5	23.5	23.5	0	23.5	23.7	23.7	23.7	1	23.7
		12	0	22.3	22.4	22.6	0.8	22.7	22.5	22.4	22.5	2	22.7
		12	7	22.3	22.5	22.6	0.8	22.7	22.6	22.5	22.6	2	22.7
		12	13	22.3	22.4	22.6	0.8	22.7	22.5	22.5	22.6	2	22.7
		25	0	22.4	22.4	22.5	0.8	22.7	22.4	22.3	22.4	2	22.7
	64QAM	1	0	22.5	22.6	22.6	0.8	22.7	22.5	22.6	22.4	2	22.7
		1	12	22.5	22.6	22.7	0.8	22.7	22.6	22.7	22.5	2	22.7
		1	24	22.5	22.6	22.6	0.8	22.7	22.5	22.6	22.5	2	22.7
		12	0	21.3	21.4	21.4	1.8	21.7	21.3	21.4	21.4	3	21.7
		12	7	21.4	21.4	21.5	1.8	21.7	21.4	21.4	21.5	3	21.7
		12	13	21.4	21.4	21.5	1.8	21.7	21.4	21.4	21.5	3	21.7
		25	0	21.4	21.4	21.4	1.8	21.7	21.4	21.4	21.4	3	21.7
	256QAM	1	0	19.5	19.6	19.5	3.8	19.7	19.4	19.5	19.6	5	19.7
		1	12	19.6	19.6	19.6	3.8	19.7	19.5	19.7	19.7	5	19.7
		1	24	19.5	19.6	19.5	3.8	19.7	19.5	19.6	19.6	5	19.7
		12	0	19.3	19.4	19.4	3.8	19.7	19.3	19.4	19.4	5	19.7
		12	7	19.4	19.4	19.5	3.8	19.7	19.5	19.4	19.5	5	19.7
		12	13	19.4	19.5	19.5	3.8	19.7	19.4	19.4	19.4	5	19.7
		25	0	19.4	19.5	19.4	3.8	19.7	19.4	19.4	19.4	5	19.7

LTE Band 26 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26705	26865	27025	MPR	Max Output Pwr	26705	26865	27025	MPR	Max Output Pwr
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	23.1	23.0	23.2	0	23.5	24.3	24.2	24.4	0	24.7
		1	8	23.2	23.1	23.2	0	23.5	24.4	24.3	24.4	0	24.7
		1	14	23.1	23.0	23.2	0	23.5	24.3	24.2	24.3	0	24.7
		8	0	23.2	23.1	23.3	0	23.5	23.3	23.3	23.5	1	23.7
		8	4	23.3	23.2	23.3	0	23.5	23.4	23.4	23.5	1	23.7
		8	7	23.2	23.2	23.3	0	23.5	23.4	23.4	23.5	1	23.7
		15	0	23.2	23.2	23.2	0	23.5	23.4	23.4	23.5	1	23.7
	16QAM	1	0	23.5	23.5	23.5	0	23.5	23.6	23.7	23.7	1	23.7
		1	8	23.5	23.5	23.5	0	23.5	23.7	23.7	23.7	1	23.7
		1	14	23.4	23.5	23.5	0	23.5	23.6	23.6	23.7	1	23.7
		8	0	22.4	22.3	22.6	0.8	22.7	22.4	22.4	22.6	2	22.7
		8	4	22.5	22.4	22.6	0.8	22.7	22.5	22.5	22.6	2	22.7
		8	7	22.5	22.4	22.6	0.8	22.7	22.5	22.5	22.6	2	22.7
		15	0	22.5	22.4	22.5	0.8	22.7	22.4	22.4	22.5	2	22.7
	64QAM	1	0	22.5	22.5	22.5	0.8	22.7	22.4	22.5	22.5	2	22.7
		1	8	22.6	22.6	22.7	0.8	22.7	22.6	22.6	22.6	2	22.7
		1	14	22.5	22.5	22.5	0.8	22.7	22.4	22.5	22.5	2	22.7
		8	0	21.3	21.4	21.5	1.8	21.7	21.3	21.4	21.5	3	21.7
		8	4	21.4	21.4	21.5	1.8	21.7	21.4	21.4	21.5	3	21.7
		8	7	21.4	21.5	21.5	1.8	21.7	21.4	21.5	21.5	3	21.7
		15	0	21.4	21.5	21.5	1.8	21.7	21.4	21.4	21.4	3	21.7
	256QAM	1	0	19.4	19.5	19.5	3.8	19.7	19.5	19.5	19.5	5	19.7
		1	8	19.5	19.7	19.5	3.8	19.7	19.6	19.7	19.6	5	19.7
		1	14	19.4	19.5	19.4	3.8	19.7	19.6	19.5	19.5	5	19.7
		8	0	19.3	19.4	19.5	3.8	19.7	19.3	19.4	19.4	5	19.7
		8	4	19.4	19.4	19.5	3.8	19.7	19.4	19.4	19.5	5	19.7
		8	7	19.4	19.5	19.5	3.8	19.7	19.4	19.4	19.4	5	19.7
		15	0	19.4	19.5	19.4	3.8	19.7	19.4	19.4	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Max Output Pwr	26697	26865	27033	MPR	Max Output Pwr
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	23.1	23.1	23.2	0	23.5	24.3	24.3	24.4	0	24.7
		1	3	23.2	23.2	23.2	0	23.5	24.4	24.3	24.4	0	24.7
		1	5	23.1	23.1	23.2	0	23.5	24.4	24.3	24.4	0	24.7
		3	0	23.2	23.2	23.2	0	23.5	24.4	24.3	24.4	0	24.7
		3	1	23.2	23.1	23.2	0	23.5	24.4	24.3	24.4	0	24.7
		3	3	23.2	23.1	23.2	0	23.5	24.4	24.3	24.4	0	24.7
		6	0	23.2	23.1	23.2	0	23.5	23.4	23.3	23.4	1	23.7
	16QAM	1	0	23.4	23.3	23.5	0	23.5	23.6	23.5	23.7	1	23.7
		1	3	23.5	23.4	23.5	0	23.5	23.7	23.5	23.7	1	23.7
		1	5	23.5	23.3	23.5	0	23.5	23.7	23.5	23.7	1	23.7
		3	0	23.4	23.2	23.4	0	23.5	23.5	23.5	23.5	1	23.7
		3	1	23.4	23.3	23.4	0	23.5	23.5	23.4	23.5	1	23.7
		3	3	23.4	23.2	23.4	0	23.5	23.5	23.4	23.5	1	23.7
		6	0	22.5	22.4	22.5	0.8	22.7	22.5	22.4	22.5	2	22.7
	64QAM	1	0	22.4	22.6	22.6	0.8	22.7	22.4	22.6	22.3	2	22.7
		1	3	22.6	22.6	22.6	0.8	22.7	22.5	22.6	22.3	2	22.7
		1	5	22.5	22.6	22.6	0.8	22.7	22.5	22.7	22.3	2	22.7
		3	0	22.4	22.5	22.4	0.8	22.7	22.4	22.4	22.4	2	22.7
		3	1	22.4	22.5	22.4	0.8	22.7	22.4	22.4	22.4	2	22.7
		3	3	22.4	22.5	22.4	0.8	22.7	22.4	22.5	22.4	2	22.7
		6	0	21.4	21.5	21.5	1.8	21.7	21.3	21.4	21.4	3	21.7
	256QAM	1	0	19.4	19.5	19.5	3.8	19.7	19.4	19.4	19.5	5	19.7
		1	3	19.5	19.6	19.5	3.8	19.7	19.5	19.5	19.6	5	19.7
		1	5	19.4	19.6	19.5	3.8	19.7	19.5	19.5	19.4	5	19.7
		3	0	19.4	19.4	19.5	3.8	19.7	19.4	19.4	19.4	5	19.7
		3	1	19.4	19.3	19.6	3.8	19.7	19.4	19.4	19.4	5	19.7
		3	3	19.4	19.4	19.5	3.8	19.7	19.4	19.5	19.4	5	19.7
		6	0	19.5	19.6	19.4	3.8	19.7	19.5	19.5	19.4	5	19.7

LTE Band 26 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Max Output Pwr	26740	26865	26990	MPR	Max Output Pwr
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	25.1	25.2	25.1	0	25.4	25.1	25.2	25.1	0	25.4
		1	25	25.1	25.2	25.1	0	25.4	25.1	25.2	25.1	0	25.4
		1	49	25.1	25.2	25.1	0	25.4	25.1	25.2	25.1	0	25.4
		25	0	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
		25	12	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
		25	25	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
		50	0	24.1	24.2	24.1	1	24.4	24.1	24.2	24.1	1	24.4
	16QAM	1	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	25	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	49	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		25	0	23.4	23.4	23.2	2	23.4	23.4	23.4	23.2	2	23.4
		25	12	23.4	23.4	23.2	2	23.4	23.4	23.4	23.2	2	23.4
		25	25	23.4	23.4	23.3	2	23.4	23.4	23.4	23.3	2	23.4
		50	0	23.3	23.3	23.2	2	23.4	23.3	23.3	23.2	2	23.4
	64QAM	1	0	23.0	23.0	23.1	2	23.4	23.0	23.0	23.1	2	23.4
		1	25	23.1	23.1	22.9	2	23.4	23.1	23.1	22.9	2	23.4
		1	49	23.1	23.0	22.9	2	23.4	23.1	23.0	22.9	2	23.4
		25	0	22.1	21.9	22.1	3	22.4	22.1	21.9	22.1	3	22.4
		25	12	21.9	22.0	22.0	3	22.4	21.9	22.0	22.0	3	22.4
		25	25	21.9	22.1	22.1	3	22.4	21.9	22.1	22.1	3	22.4
		50	0	22.1	22.0	22.1	3	22.4	22.1	22.0	22.1	3	22.4
	256QAM	1	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		1	25	20.0	19.9	20.1	5	20.4	20.0	19.9	20.1	5	20.4
		1	49	20.1	20.0	20.0	5	20.4	20.1	20.0	20.0	5	20.4
		25	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		25	12	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		25	25	20.1	20.0	19.9	5	20.4	20.1	20.0	19.9	5	20.4
		50	0	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Max Output Pwr	26715	26865	27015	MPR	Max Output Pwr
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	24.3	25.3	25.2	0	25.4	24.3	25.3	25.2	0	25.4
		1	12	25.4	25.4	25.2	0	25.4	25.4	25.4	25.2	0	25.4
		1	24	25.3	25.3	25.1	0	25.4	25.3	25.3	25.1	0	25.4
		12	0	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
		12	7	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
		12	13	24.4	24.4	24.2	1	24.4	24.4	24.4	24.2	1	24.4
		25	0	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
	16QAM	1	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	12	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	24	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		12	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		12	7	23.4	23.4	23.3	2	23.4	23.4	23.4	23.3	2	23.4
		12	13	23.4	23.4	23.3	2	23.4	23.4	23.4	23.3	2	23.4
		25	0	23.3	23.3	23.2	2	23.4	23.3	23.3	23.2	2	23.4
	64QAM	1	0	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		1	12	22.9	23.0	22.9	2	23.4	22.9	23.0	22.9	2	23.4
		1	24	23.0	23.0	23.1	2	23.4	23.0	23.0	23.1	2	23.4
		12	0	22.0	22.0	21.9	3	22.4	22.0	22.0	21.9	3	22.4
		12	7	22.0	22.1	21.9	3	22.4	22.0	22.1	21.9	3	22.4
		12	13	22.1	22.0	22.1	3	22.4	22.1	22.0	22.1	3	22.4
		25	0	22.0	22.1	22.0	3	22.4	22.0	22.1	22.0	3	22.4
	256QAM	1	0	20.1	19.9	20.1	5	20.4	20.1	19.9	20.1	5	20.4
		1	12	20.0	20.1	20.0	5	20.4	20.0	20.1	20.0	5	20.4
		1	24	20.2	20.0	20.0	5	20.4	20.2	20.0	20.0	5	20.4
		12	0	20.0	20.1	20.1	5	20.4	20.0	20.1	20.1	5	20.4
		12	7	19.9	19.9	20.1	5	20.4	19.9	19.9	20.1	5	20.4
		12	13	20.0	20.1	20.2	5	20.4	20.0	20.1	20.2	5	20.4
		25	0	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4

LTE Band 26 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26705	26865	27025	MPR	Max Output Pwr	26705	26865	27025	MPR	Max Output Pwr
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	24.4	25.3	25.1	0	25.4	24.4	25.3	25.1	0	25.4
		1	8	25.4	25.3	25.2	0	25.4	25.4	25.3	25.2	0	25.4
		1	14	25.2	25.3	25.1	0	25.4	25.2	25.3	25.1	0	25.4
		8	0	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
		8	4	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
		8	7	24.4	24.3	24.2	1	24.4	24.4	24.3	24.2	1	24.4
		15	0	24.4	24.4	24.2	1	24.4	24.4	24.4	24.2	1	24.4
	16QAM	1	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	8	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	14	24.3	24.3	24.4	1	24.4	24.3	24.3	24.4	1	24.4
		8	0	23.4	23.4	23.2	2	23.4	23.4	23.4	23.2	2	23.4
		8	4	23.4	23.4	23.2	2	23.4	23.4	23.4	23.2	2	23.4
		8	7	23.4	23.4	23.2	2	23.4	23.4	23.4	23.2	2	23.4
		15	0	23.4	23.4	23.2	2	23.4	23.4	23.4	23.2	2	23.4
	64QAM	1	0	23.0	23.0	23.1	2	23.4	23.0	23.0	23.1	2	23.4
		1	8	23.1	23.1	22.9	2	23.4	23.1	23.1	22.9	2	23.4
		1	14	23.1	23.0	22.9	2	23.4	23.1	23.0	22.9	2	23.4
		8	0	22.1	21.9	22.1	3	22.4	22.1	21.9	22.1	3	22.4
		8	4	21.9	22.0	22.0	3	22.4	21.9	22.0	22.0	3	22.4
		8	7	21.9	22.1	22.1	3	22.4	21.9	22.1	22.1	3	22.4
		15	0	22.1	22.0	22.1	3	22.4	22.1	22.0	22.1	3	22.4
	256QAM	1	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		1	8	20.0	19.9	20.1	5	20.4	20.0	19.9	20.1	5	20.4
		1	14	20.1	20.0	20.0	5	20.4	20.1	20.0	20.0	5	20.4
		8	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		8	4	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		8	7	20.1	20.0	19.9	5	20.4	20.1	20.0	19.9	5	20.4
		15	0	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Max Output Pwr	26697	26865	27033	MPR	Max Output Pwr
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.2	25.2	25.2	0	25.4	25.2	25.2	25.2	0	25.4
		1	3	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
		1	5	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
		3	0	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
		3	1	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
		3	3	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
		6	0	24.3	24.3	24.2	1	24.4	24.3	24.3	24.2	1	24.4
	16QAM	1	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	3	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	5	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		3	0	24.3	24.3	24.4	1	24.4	24.3	24.3	24.4	1	24.4
		3	1	24.3	24.3	24.4	1	24.4	24.3	24.3	24.4	1	24.4
		3	3	24.3	24.3	24.4	1	24.4	24.3	24.3	24.4	1	24.4
		6	0	23.4	23.4	23.3	2	23.4	23.4	23.4	23.3	2	23.4
	64QAM	1	0	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		1	3	23.1	23.0	23.0	2	23.4	23.1	23.0	23.0	2	23.4
		1	5	23.0	22.9	23.1	2	23.4	23.0	22.9	23.1	2	23.4
		3	0	22.0	22.0	22.1	2	23.4	22.0	22.0	22.1	2	23.4
		3	1	22.0	22.0	22.1	2	23.4	22.0	22.0	22.1	2	23.4
		3	3	21.9	22.1	22.0	2	23.4	21.9	22.1	22.0	2	23.4
		6	0	22.0	22.0	22.1	3	22.4	22.0	22.0	22.1	3	22.4
	256QAM	1	0	20.1	19.9	19.9	5	20.4	20.1	19.9	19.9	5	20.4
		1	3	20.0	20.1	20.0	5	20.4	20.0	20.1	20.0	5	20.4
		1	5	20.0	20.1	20.1	5	20.4	20.0	20.1	20.1	5	20.4
		3	0	20.1	20.0	20.1	5	20.4	20.1	20.0	20.1	5	20.4
		3	1	20.1	20.0	20.0	5	20.4	20.1	20.0	20.0	5	20.4
		3	3	20.0	20.0	19.9	5	20.4	20.0	20.0	19.9	5	20.4
		6	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4

LTE Band 30 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	21.9	0	22.2	19.7	0	20.0
		1	25	22.2	0	22.2	19.8	0	20.0
		1	49	21.9	0	22.2	19.7	0	20.0
		25	0	22.0	0	22.2	19.7	0	20.0
		25	12	22.2	0	22.2	19.9	0	20.0
		25	25	21.9	0	22.2	19.8	0	20.0
		50	0	22.2	0	22.2	19.9	0	20.0
	16QAM	1	0	22.2	0	22.2	20.0	0	20.0
		1	25	22.2	0	22.2	20.0	0	20.0
		1	49	22.2	0	22.2	20.0	0	20.0
		25	0	22.0	0	22.2	19.8	0	20.0
		25	12	22.0	0	22.2	19.8	0	20.0
		25	25	22.0	0	22.2	19.8	0	20.0
		50	0	22.0	0	22.2	19.8	0	20.0
	64QAM	1	0	22.2	0	22.2	19.8	0	20.0
		1	25	22.2	0	22.2	20.0	0	20.0
		1	49	22.1	0	22.2	20.0	0	20.0
		25	0	22.1	0	22.2	19.6	0	20.0
		25	12	22.1	0	22.2	19.7	0	20.0
		25	25	22.2	0	22.2	19.8	0	20.0
		50	0	22.1	0	22.2	19.7	0	20.0
	256QAM	1	0	20.5	1.5	20.7	19.5	0	20.0
		1	25	20.7	1.5	20.7	19.8	0	20.0
		1	49	20.7	1.5	20.7	19.7	0	20.0
		25	0	20.6	1.5	20.7	19.7	0	20.0
		25	12	20.6	1.5	20.7	19.7	0	20.0
		25	25	20.7	1.5	20.7	19.8	0	20.0
		50	0	20.5	1.5	20.7	19.7	0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	21.9	0	22.2	19.7	0	20.0
		1	12	22.0	0	22.2	19.8	0	20.0
		1	24	22.0	0	22.2	19.7	0	20.0
		12	0	21.9	0	22.2	19.7	0	20.0
		12	7	22.0	0	22.2	19.8	0	20.0
		12	13	22.0	0	22.2	19.8	0	20.0
		25	0	22.0	0	22.2	19.7	0	20.0
	16QAM	1	0	22.2	0	22.2	20.0	0	20.0
		1	12	22.2	0	22.2	20.0	0	20.0
		1	24	22.2	0	22.2	20.0	0	20.0
		12	0	22.0	0	22.2	19.8	0	20.0
		12	7	22.0	0	22.2	19.9	0	20.0
		12	13	22.1	0	22.2	19.9	0	20.0
		25	0	22.0	0	22.2	19.8	0	20.0
	64QAM	1	0	22.2	0	22.2	19.9	0	20.0
		1	12	22.2	0	22.2	20.0	0	20.0
		1	24	22.1	0	22.2	20.0	0	20.0
		12	0	22.1	0	22.2	19.8	0	20.0
		12	7	22.1	0	22.2	19.8	0	20.0
		12	13	22.1	0	22.2	19.8	0	20.0
		25	0	22.1	0	22.2	19.7	0	20.0
	256QAM	1	0	20.7	1.5	20.7	19.7	0	20.0
		1	12	20.7	1.5	20.7	19.9	0	20.0
		1	24	20.6	1.5	20.7	19.8	0	20.0
		12	0	20.6	1.5	20.7	19.7	0	20.0
		12	7	20.6	1.5	20.7	19.8	0	20.0
		12	13	20.6	1.5	20.7	19.8	0	20.0
		25	0	20.6	1.5	20.7	19.7	0	20.0

LTE Band 30 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	18.6	0	19.5	19.4	0	19.7
		1	25	18.6	0	19.5	19.4	0	19.7
		1	49	18.5	0	19.5	19.3	0	19.7
		25	0	18.6	0	19.5	19.5	0	19.7
		25	12	18.6	0	19.5	19.5	0	19.7
		25	25	18.6	0	19.5	19.4	0	19.7
		50	0	18.6	0	19.5	19.5	0	19.7
	16QAM	1	0	18.6	0	19.5	19.5	0	19.7
		1	25	18.6	0	19.5	19.5	0	19.7
		1	49	18.6	0	19.5	19.5	0	19.7
		25	0	18.6	0	19.5	19.5	0	19.7
		25	12	18.6	0	19.5	19.5	0	19.7
		25	25	18.6	0	19.5	19.4	0	19.7
		50	0	18.6	0	19.5	19.5	0	19.7
	64QAM	1	0	19.5	0	19.5	19.7	0	19.7
		1	25	19.5	0	19.5	19.6	0	19.7
		1	49	19.5	0	19.5	19.6	0	19.7
		25	0	19.4	0	19.5	19.7	0	19.7
		25	12	19.4	0	19.5	19.7	0	19.7
		25	25	19.4	0	19.5	19.6	0	19.7
		50	0	19.4	0	19.5	19.6	0	19.7
	256QAM	1	0	18.7	0.8	18.7	18.7	1	18.7
		1	25	18.6	0.8	18.7	18.7	1	18.7
		1	49	18.7	0.8	18.7	18.7	1	18.7
		25	0	18.6	0.8	18.7	18.7	1	18.7
		25	12	18.6	0.8	18.7	18.7	1	18.7
		25	25	18.6	0.8	18.7	18.7	1	18.7
		50	0	18.6	0.8	18.7	18.6	1	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	18.6	0	19.5	19.4	0	19.7
		1	12	18.5	0	19.5	19.5	0	19.7
		1	24	18.6	0	19.5	19.4	0	19.7
		12	0	18.6	0	19.5	19.5	0	19.7
		12	7	18.6	0	19.5	19.5	0	19.7
		12	13	18.6	0	19.5	19.4	0	19.7
		25	0	18.6	0	19.5	19.5	0	19.7
	16QAM	1	0	18.5	0	19.5	19.5	0	19.7
		1	12	18.6	0	19.5	19.5	0	19.7
		1	24	18.5	0	19.5	19.5	0	19.7
		12	0	18.6	0	19.5	19.4	0	19.7
		12	7	18.5	0	19.5	19.5	0	19.7
		12	13	18.5	0	19.5	19.4	0	19.7
		25	0	18.6	0	19.5	19.5	0	19.7
	64QAM	1	0	19.5	0	19.5	19.6	0	19.7
		1	12	19.4	0	19.5	19.6	0	19.7
		1	24	19.5	0	19.5	19.7	0	19.7
		12	0	19.4	0	19.5	19.6	0	19.7
		12	7	19.5	0	19.5	19.7	0	19.7
		12	13	19.5	0	19.5	19.6	0	19.7
		25	0	19.4	0	19.5	19.6	0	19.7
	256QAM	1	0	18.7	0.8	18.7	18.6	1	18.7
		1	12	18.7	0.8	18.7	18.7	1	18.7
		1	24	18.7	0.8	18.7	18.7	1	18.7
		12	0	18.7	0.8	18.7	18.6	1	18.7
		12	7	18.7	0.8	18.7	18.7	1	18.7
		12	13	18.6	0.8	18.7	18.6	1	18.7
		25	0	18.6	0.8	18.7	18.6	1	18.7

LTE Band 30 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	20.8	0	21.0	19.2	0	20.2
		1	25	21.0	0	21.0	19.5	0	20.2
		1	49	20.8	0	21.0	19.3	0	20.2
		25	0	20.9	0	21.0	19.4	0	20.2
		25	12	21.0	0	21.0	19.5	0	20.2
		25	25	20.9	0	21.0	19.4	0	20.2
		50	0	21.0	0	21.0	19.5	0	20.2
	16QAM	1	0	21.0	0	21.0	19.5	0	20.2
		1	25	21.0	0	21.0	19.5	0	20.2
		1	49	21.0	0	21.0	19.5	0	20.2
		25	0	21.0	0	21.0	19.4	0	20.2
		25	12	21.0	0	21.0	19.4	0	20.2
		25	25	21.0	0	21.0	19.4	0	20.2
		50	0	21.0	0	21.0	19.4	0	20.2
	64QAM	1	0	21.0	0	21.0	20.1	0	20.2
		1	25	21.0	0	21.0	20.1	0	20.2
		1	49	21.0	0	21.0	20.1	0	20.2
		25	0	20.9	0	21.0	20.1	0	20.2
		25	12	20.9	0	21.0	20.1	0	20.2
		25	25	20.9	0	21.0	20.1	0	20.2
		50	0	20.8	0	21.0	20.1	0	20.2
	256QAM	1	0	19.9	1	20.0	19.9	0.2	20.0
		1	25	19.9	1	20.0	19.9	0.2	20.0
		1	49	19.9	1	20.0	19.9	0.2	20.0
		25	0	19.9	1	20.0	19.9	0.2	20.0
		25	12	19.9	1	20.0	19.9	0.2	20.0
		25	25	19.9	1	20.0	19.9	0.2	20.0
		50	0	19.9	1	20.0	19.8	0.2	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	20.9	0	21.0	19.4	0	20.2
		1	12	21.0	0	21.0	19.5	0	20.2
		1	24	20.9	0	21.0	19.4	0	20.2
		12	0	20.9	0	21.0	19.4	0	20.2
		12	7	21.0	0	21.0	19.4	0	20.2
		12	13	20.9	0	21.0	19.4	0	20.2
		25	0	20.9	0	21.0	19.4	0	20.2
	16QAM	1	0	21.0	0	21.0	19.5	0	20.2
		1	12	21.0	0	21.0	19.5	0	20.2
		1	24	21.0	0	21.0	19.5	0	20.2
		12	0	21.0	0	21.0	19.4	0	20.2
		12	7	21.0	0	21.0	19.4	0	20.2
		12	13	21.0	0	21.0	19.4	0	20.2
		25	0	21.0	0	21.0	19.4	0	20.2
	64QAM	1	0	21.0	0	21.0	20.2	0	20.2
		1	12	21.0	0	21.0	20.2	0	20.2
		1	24	21.0	0	21.0	20.2	0	20.2
		12	0	20.9	0	21.0	20.1	0	20.2
		12	7	20.9	0	21.0	20.1	0	20.2
		12	13	20.9	0	21.0	20.1	0	20.2
		25	0	20.9	0	21.0	20.1	0	20.2
	256QAM	1	0	19.9	1	20.0	19.9	0.2	20.0
		1	12	20.0	1	20.0	20.0	0.2	20.0
		1	24	19.9	1	20.0	19.9	0.2	20.0
		12	0	19.9	1	20.0	19.9	0.2	20.0
		12	7	19.9	1	20.0	19.9	0.2	20.0
		12	13	19.9	1	20.0	19.9	0.2	20.0
		25	0	19.9	1	20.0	19.9	0.2	20.0

LTE Band 30 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	21.1	0	21.5	18.1	0	19.0
		1	25	21.1	0	21.5	18.1	0	19.0
		1	49	21.0	0	21.5	18.1	0	19.0
		25	0	21.1	0	21.5	18.2	0	19.0
		25	12	21.1	0	21.5	18.2	0	19.0
		25	25	21.1	0	21.5	18.2	0	19.0
		50	0	21.1	0	21.5	18.1	0	19.0
	16QAM	1	0	21.4	0	21.5	18.2	0	19.0
		1	25	21.5	0	21.5	18.1	0	19.0
		1	49	21.4	0	21.5	18.2	0	19.0
		25	0	20.5	0.8	20.7	18.1	0	19.0
		25	12	20.5	0.8	20.7	18.1	0	19.0
		25	25	20.5	0.8	20.7	18.1	0	19.0
		50	0	20.5	0.8	20.7	18.1	0	19.0
	64QAM	1	0	20.6	0.8	20.7	18.9	0	19.0
		1	25	20.5	0.8	20.7	18.8	0	19.0
		1	49	20.3	0.8	20.7	18.6	0	19.0
		25	0	19.3	1.8	19.7	18.6	0	19.0
		25	12	19.2	1.8	19.7	18.5	0	19.0
		25	25	19.1	1.8	19.7	18.4	0	19.0
		50	0	19.2	1.8	19.7	18.5	0	19.0
	256QAM	1	0	17.5	3.8	17.7	17.4	1.3	17.7
		1	25	17.5	3.8	17.7	17.4	1.3	17.7
		1	49	17.1	3.8	17.7	17.1	1.3	17.7
		25	0	17.3	3.8	17.7	17.4	1.3	17.7
		25	12	17.3	3.8	17.7	17.3	1.3	17.7
		25	25	17.2	3.8	17.7	17.2	1.3	17.7
		50	0	17.2	3.8	17.7	17.2	1.3	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	21.3	0	21.5	18.1	0	19.0
		1	12	21.3	0	21.5	18.1	0	19.0
		1	24	21.1	0	21.5	17.9	0	19.0
		12	0	21.3	0	21.5	18.0	0	19.0
		12	7	21.3	0	21.5	18.1	0	19.0
		12	13	21.3	0	21.5	18.0	0	19.0
		25	0	21.3	0	21.5	18.0	0	19.0
	16QAM	1	0	21.3	0	21.5	17.4	0	19.0
		1	12	21.3	0	21.5	17.4	0	19.0
		1	24	21.5	0	21.5	18.2	0	19.0
		12	0	20.6	0.8	20.7	18.1	0	19.0
		12	7	20.6	0.8	20.7	18.1	0	19.0
		12	13	20.6	0.8	20.7	18.1	0	19.0
		25	0	20.5	0.8	20.7	18.1	0	19.0
	64QAM	1	0	20.5	0.8	20.7	18.8	0	19.0
		1	12	20.5	0.8	20.7	18.8	0	19.0
		1	24	20.3	0.8	20.7	18.7	0	19.0
		12	0	19.4	1.8	19.7	18.6	0	19.0
		12	7	19.4	1.8	19.7	18.7	0	19.0
		12	13	19.2	1.8	19.7	18.6	0	19.0
		25	0	19.2	1.8	19.7	18.5	0	19.0
	256QAM	1	0	17.5	3.8	17.7	17.4	1.3	17.7
		1	12	17.6	3.8	17.7	17.4	1.3	17.7
		1	24	17.3	3.8	17.7	17.2	1.3	17.7
		12	0	17.3	3.8	17.7	17.3	1.3	17.7
		12	7	17.4	3.8	17.7	17.4	1.3	17.7
		12	13	17.3	3.8	17.7	17.3	1.3	17.7
		25	0	17.3	3.8	17.7	17.2	1.3	17.7

LTE Band 41 Power Class 3 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	24.9	24.9	24.9	25.0	24.9	0	25.2	21.2	21.2	21.1	21.1	21.0	0	22.0
		1	49	24.9	24.9	24.9	25.0	25.0	0	25.2	21.3	21.2	21.1	21.2	21.1	0	22.0
		1	99	24.9	24.7	24.9	25.0	24.9	0	25.2	21.2	21.1	21.1	21.1	21.0	0	22.0
		50	0	24.6	24.4	24.5	24.6	24.5	0.5	24.7	21.3	21.3	21.3	21.2	21.0	0	22.0
		50	24	24.6	24.4	24.5	24.6	24.6	0.5	24.7	21.3	21.3	21.2	21.3	21.3	0	22.0
		50	50	24.5	24.4	24.5	24.5	24.5	0.5	24.7	21.3	21.2	21.2	21.2	21.0	0	22.0
		100	0	24.5	24.4	24.5	24.5	24.5	0.5	24.7	21.3	21.3	21.2	21.3	21.3	0	22.0
	16QAM	1	0	24.6	24.5	24.6	24.6	24.6	0.5	24.7	21.4	21.4	21.3	21.2	21.1	0	22.0
		1	49	24.7	24.7	24.5	24.7	24.6	0.5	24.7	21.4	21.5	21.4	21.2	21.1	0	22.0
		1	99	24.4	24.5	24.5	24.5	24.6	0.5	24.7	21.3	21.3	21.3	21.2	21.1	0	22.0
		50	0	23.6	23.5	23.6	23.6	23.6	1.5	23.7	21.4	21.3	21.3	21.2	21.0	0	22.0
		50	24	23.6	23.4	23.5	23.6	23.6	1.5	23.7	21.4	21.3	21.2	21.2	21.1	0	22.0
		50	50	23.4	23.4	23.5	23.5	23.5	1.5	23.7	21.3	21.2	21.2	20.9	21.0	0	22.0
		100	0	23.6	23.4	23.5	23.6	23.6	1.5	23.7	21.4	21.2	21.2	21.0	21.0	0	22.0
	64QAM	1	0	23.3	23.2	23.3	23.1	23.0	1.5	23.7	21.6	21.6	21.6	21.5	21.3	0	22.0
		1	49	23.3	23.3	23.3	23.2	23.0	1.5	23.7	21.6	21.6	21.6	21.6	21.4	0	22.0
		1	99	23.2	23.3	23.4	23.1	23.1	1.5	23.7	21.5	21.5	21.7	21.5	21.3	0	22.0
		50	0	22.3	22.3	22.4	22.2	22.0	2.5	22.7	21.6	21.6	21.7	21.5	21.4	0	22.0
		50	24	22.4	22.3	22.3	22.2	22.0	2.5	22.7	21.6	21.6	21.6	21.6	21.4	0	22.0
		50	50	22.3	22.2	22.3	22.1	22.0	2.5	22.7	21.5	21.5	21.7	21.5	21.3	0	22.0
		100	0	22.3	22.3	22.3	22.2	22.1	2.5	22.7	21.6	21.6	21.7	21.5	21.4	0	22.0
	256QAM	1	0	20.4	20.1	20.2	20.1	19.9	4.5	20.7	20.3	20.2	20.3	20.2	19.9	1.3	20.7
		1	49	20.4	20.1	20.3	20.1	20.0	4.5	20.7	20.4	20.2	20.3	20.3	20.0	1.3	20.7
		1	99	20.4	20.2	20.3	20.1	20.0	4.5	20.7	20.4	20.3	20.3	20.3	20.0	1.3	20.7
		50	0	20.3	20.3	20.3	20.2	20.0	4.5	20.7	20.3	20.3	20.4	20.3	20.0	1.3	20.7
		50	24	20.4	20.3	20.3	20.2	20.1	4.5	20.7	20.4	20.3	20.4	20.3	20.1	1.3	20.7
		50	50	20.3	20.2	20.3	20.2	20.0	4.5	20.7	20.3	20.3	20.4	20.2	20.0	1.3	20.7
		100	0	20.3	20.3	20.3	20.2	20.0	4.5	20.7	20.3	20.3	20.4	20.3	20.0	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	24.9	24.9	24.9	24.9	24.9	0	25.2	21.2	21.3	21.2	21.1	21.2	0	22.0
		1	37	24.9	24.9	24.9	25.0	24.9	0	25.2	21.3	21.2	21.2	21.1	21.1	0	22.0
		1	74	24.8	24.9	25.0	25.0	24.9	0	25.2	21.1	21.2	21.2	21.1	21.2	0	22.0
		36	0	24.6	24.5	24.6	24.6	24.6	0.5	24.7	21.4	21.3	21.3	21.3	21.3	0	22.0
		36	20	24.6	24.4	24.6	24.6	24.6	0.5	24.7	21.4	21.2	21.3	21.2	21.3	0	22.0
		36	39	24.5	24.4	24.5	24.5	24.6	0.5	24.7	21.3	21.2	21.3	21.2	21.3	0	22.0
		75	0	24.6	24.4	24.5	24.6	24.6	0.5	24.7	21.4	21.3	21.3	21.3	21.3	0	22.0
	16QAM	1	0	24.4	24.4	24.4	24.3	24.5	0.5	24.7	21.3	21.2	21.2	21.2	21.1	0	22.0
		1	37	24.4	24.5	24.5	24.4	24.5	0.5	24.7	21.4	21.1	21.2	21.2	21.0	0	22.0
		1	74	24.3	24.5	24.5	24.5	24.5	0.5	24.7	21.3	21.1	21.2	21.1	21.1	0	22.0
		36	0	23.6	23.5	23.5	23.6	23.6	1.5	23.7	21.4	21.3	21.3	21.3	21.2	0	22.0
		36	20	23.6	23.4	23.5	23.6	23.6	1.5	23.7	21.4	21.2	21.3	21.3	21.3	0	22.0
		36	39	23.5	23.4	23.5	23.5	23.6	1.5	23.7	21.3	21.2	21.2	21.2	21.3	0	22.0
		75	0	23.6	23.4	23.5	23.6	23.6	1.5	23.7	21.4	21.2	21.2	21.3	21.3	0	22.0
	64QAM	1	0	23.2	23.1	23.2	23.1	22.8	1.5	23.7	21.6	21.6	21.7	21.5	21.3	0	22.0
		1	37	23.2	23.2	23.3	23.1	22.9	1.5	23.7	21.6	21.6	21.6	21.5	21.3	0	22.0
		1	74	23.2	23.2	23.4	23.1	22.9	1.5	23.7	21.6	21.6	21.6	21.5	21.3	0	22.0
		36	0	22.3	22.3	22.4	22.2	22.0	2.5	22.7	21.6	21.6	21.6	21.5	21.3	0	22.0
		36	20	22.3	22.3	22.3	22.2	22.0	2.5	22.7	21.6	21.6	21.6	21.5	21.3	0	22.0
		36	39	22.3	22.3	22.3	22.1	22.0	2.5	22.7	21.6	21.6	21.6	21.5	21.3	0	22.0
		75	0	22.3	22.3	22.3	22.2	22.0	2.5	22.7	21.6	21.6	21.6	21.5	21.3	0	22.0
	256QAM	1	0	20.3	20.2	20.3	20.2	19.9	4.5	20.7	20.3	20.2	20.2	20.2	19.9	1.3	20.7
		1	37	20.3	20.2	20.3	20.2	19.9	4.5	20.7	20.3	20.2	20.2	20.2	19.9	1.3	20.7
		1	74	20.3	20.3	20.2	20.2	19.9	4.5	20.7	20.4	20.3	20.2	20.2	20.0	1.3	20.7
		36	0	20.3	20.3	20.4	20.2	20.0	4.5	20.7	20.3	20.3	20.4	20.3	20.0	1.3	20.7
		36	20	20.3	20.3	20.3	20.2	20.0	4.5	20.7	20.4	20.3	20.3	20.3	20.0	1.3	20.7
		36	39	20.4	20.3	20.3	20.1	20.0	4.5	20.7	20.4	20.3	20.4	20.2	20.0	1.3	20.7
		75	0	20.3	20.3	20.3	20.2	20.0	4.5	20.7	20.4	20.3	20.3	20.3	20.1	1.3	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	25.2	25.0	25.1	25.1	25.1	0	25.2	21.5	21.3	21.3	21.3	21.3	0	22.0
		1	25	25.2	25.1	25.1	25.2	25.1	0	25.2	21.5	21.4	21.4	21.3	21.3	0	22.0
		1	49	25.1	25.0	25.1	25.1	25.1	0	25.2	21.4	21.3	21.3	21.3	21.3	0	22.0
		25	0	24.7	24.6	24.7	24.7	24.7	0.5	24.7	21.5	21.4	21.4	21.3	21.4	0	22.0
		25	12	24.7	24.6	24.6	24.7	24.7	0.5	24.7	21.5	21.4	21.4	21.4	21.4	0	22.0
		25	25	24.6	24.6	24.6	24.7	24.7	0.5	24.7	21.4	21.4	21.4	21.4	21.4	0	22.0
		50	0	24.7	24.6	24.6	24.7	24.7	0.5	24.7	21.5	21.4	21.4	21.4	21.4	0	22.0
	16QAM	1	0	24.7	24.5	24.7	24.7	24.6	0.5	24.7	21.5	21.3	21.4	21.4	21.2	0	22.0
		1	25	24.7	24.6	24.7	24.7	24.6	0.5	24.7	21.5	21.4	21.5	21.4	21.2	0	22.0
		1	49	24.7	24.5	24.7	24.7	24.5	0.5	24.7	21.5	21.3	21.4	21.4	21.2	0	22.0
		25	0	23.7	23.6	23.7	23.7	23.7	1.5	23.7	21.5	21.5	21.5	21.4	21.4	0	22.0
		25	12	23.7	23.6	23.7	23.7	23.7	1.5	23.7	21.5	21.4	21.4	21.4	21.4	0	22.0
		25	25	23.6	23.6	23.6	23.7	23.7	1.5	23.7	21.4	21.4	21.4	21.4	21.4	0	22.0
		50	0	23.7	23.6	23.6	23.7	23.7	1.5	23.7	21.5	21.4	21.4	21.4	21.4	0	22.0
	64QAM	1	0	23.3	23.3	23.4	23.3	23.1	1.5	23.7	21.8	21.7	21.8	21.6	21.5	0	22.0
		1	25	23.4	23.3	23.5	23.4	23.1	1.5	23.7	21.8	21.7	21.8	21.7	21.5	0	22.0
		1	49	23.4	23.3	23.5	23.3	23.1	1.5	23.7	21.8	21.7	21.8	21.6	21.4	0	22.0
		25	0	22.4	22.4	22.5	22.3	22.1	2.5	22.7	21.8	21.7	21.7	21.7	21.5	0	22.0
		25	12	22.4	22.4	22.4	22.4	22.2	2.5	22.7	21.8	21.7	21.8	21.6	21.5	0	22.0
		25	25	22.5	22.4	22.4	22.3	22.1	2.5	22.7	21.8	21.7	21.8	21.7	21.5	0	22.0
		50	0	22.4	22.4	22.4	22.3	22.1	2.5	22.7	21.8	21.7	21.8	21.6	21.4	0	22.0
	256QAM	1	0	20.3	20.2	20.3	20.2	20.1	4.5	20.7	20.4	20.3	20.4	20.3	20.1	1.3	20.7
		1	25	20.4	20.3	20.4	20.3	20.2	4.5	20.7	20.4	20.4	20.5	20.3	20.2	1.3	20.7
		1	49	20.4	20.4	20.4	20.2	20.1	4.5	20.7	20.4	20.4	20.4	20.2	20.1	1.3	20.7
		25	0	20.4	20.4	20.5	20.4	20.2	4.5	20.7	20.5	20.4	20.5	20.4	20.2	1.3	20.7
		25	12	20.5	20.4	20.5	20.4	20.2	4.5	20.7	20.5	20.4	20.5	20.4	20.2	1.3	20.7
		25	25	20.5	20.4	20.5	20.3	20.1	4.5	20.7	20.5	20.4	20.5	20.3	20.2	1.3	20.7
		50	0	20.4	20.4	20.4	20.4	20.2	4.5	20.7	20.5	20.4	20.4	20.4	20.2	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	25.2	25.0	25.1	25.1	25.1	0	25.2	21.2	21.1	21.1	21.0	21.1	0	22.0
		1	12	25.2	25.1	25.2	25.2	25.1	0	25.2	21.2	21.2	21.2	21.1	21.2	0	22.0
		1	24	25.1	25.0	25.1	25.1	25.1	0	25.2	21.2	21.1	21.1	21.0	21.1	0	22.0
		12	0	24.7	24.6	24.7	24.7	24.6	0.5	24.7	21.3	21.2	21.2	21.1	21.2	0	22.0
		12	7	24.7	24.6	24.7	24.7	24.7	0.5	24.7	21.3	21.2	21.2	21.2	21.2	0	22.0
		12	13	24.7	24.5	24.6	24.7	24.7	0.5	24.7	21.3	21.2	21.1	21.2	21.3	0	22.0
		25	0	24.7	24.5	24.6	24.7	24.7	0.5	24.7	21.3	21.1	21.1	21.1	21.4	0	22.0
	16QAM	1	0	24.7	24.6	24.7	24.6	24.7	0.5	24.7	21.2	21.3	21.2	21.1	21.4	0	22.0
		1	12	24.7	24.7	24.7	24.7	24.7	0.5	24.7	21.3	21.4	21.3	21.2	21.5	0	22.0
		1	24	24.7	24.6	24.7	24.6	24.7	0.5	24.7	21.2	21.3	21.2	21.1	21.5	0	22.0
		12	0	23.7	23.6	23.7	23.7	23.7	1.5	23.7	21.4	21.3	21.3	21.2	21.3	0	22.0
		12	7	23.7	23.6	23.7	23.7	23.7	1.5	23.7	21.4	21.3	21.3	21.3	21.4	0	22.0
		12	13	23.7	23.5	23.6	23.7	23.7	1.5	23.7	21.4	21.2	21.2	21.2	21.3	0	22.0
		25	0	23.7	23.5	23.6	23.7	23.7	1.5	23.7	21.3	21.2	21.2	21.1	21.4	0	22.0
	64QAM	1	0	23.4	23.3	23.5	23.3	23.0	1.5	23.7	21.7	21.7	21.8	21.6	21.4	0	22.0
		1	12	23.4	23.3	23.5	23.4	23.1	1.5	23.7	21.8	21.8	21.8	21.7	21.5	0	22.0
		1	24	23.4	23.3	23.5	23.3	23.1	1.5	23.7	21.8	21.7	21.7	21.6	21.5	0	22.0
		12	0	22.4	22.4	22.5	22.3	22.1	2.5	22.7	21.7	21.7	21.7	21.6	21.5	0	22.0
		12	7	22.4	22.4	22.5	22.4	22.2	2.5	22.7	21.8	21.8	21.8	21.7	21.5	0	22.0
		12	13	22.4	22.4	22.4	22.3	22.1	2.5	22.7	21.8	21.7	21.7	21.6	21.5	0	22.0
		25	0	22.4	22.4	22.4	22.3	22.2	2.5	22.7	21.7	21.7	21.7	21.6	21.5	0	22.0
	256QAM	1	0	20.4	20.2	20.4	20.3	20.1	4.5	20.7	20.4	20.4	20.4	20.3	20.2	1.3	20.7
		1	12	20.5	20.3	20.5	20.4	20.2	4.5	20.7	20.4	20.4	20.5	20.3	20.2	1.3	20.7
		1	24	20.4	20.3	20.4	20.3	20.1	4.5	20.7	20.5	20.4	20.3	20.2	20.2	1.3	20.7
		12	0	20.4	20.4	20.4	20.3	20.2	4.5	20.7	20.4	20.4	20.5	20.4	20.2	1.3	20.7
		12	7	20.4	20.4	20.5	20.4	20.2	4.5	20.7	20.5	20.5	20.5	20.4	20.2	1.3	20.7
		12	13	20.4	20.4	20.4	20.3	20.2	4.5	20.7	20.5	20.4	20.4	20.4	20.2	1.3	20.7
		25	0	20.4	20.4	20.4	20.3	20.2	4.5	20.7	20.4	20.4	20.4	20.4	20.2	1.3	20.7

LTE Band 41 Power Class 3 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	17.4	17.4	17.5	17.4	17.3	0	18.5	19.7	19.8	19.7	19.6	19.4	0	20.5
		1	49	17.4	17.5	17.5	17.4	17.3	0	18.5	19.8	19.9	19.7	19.6	19.4	0	20.5
		1	99	17.4	17.4	17.5	17.4	17.3	0	18.5	19.7	19.7	19.7	19.6	19.4	0	20.5
		50	0	17.5	17.5	17.5	17.5	17.3	0	18.5	19.9	19.9	19.8	19.7	19.5	0	20.5
		50	24	17.5	17.5	17.5	17.5	17.4	0	18.5	19.9	19.9	19.8	19.7	19.6	0	20.5
		50	50	17.5	17.4	17.5	17.4	17.3	0	18.5	19.8	19.8	19.8	19.6	19.5	0	20.5
		100	0	17.5	17.5	17.6	17.5	17.4	0	18.5	19.9	19.9	19.9	19.7	19.5	0	20.5
	16QAM	1	0	17.4	17.3	17.4	17.3	17.3	0	18.5	19.8	19.9	19.9	19.7	19.6	0	20.5
		1	49	17.4	17.5	17.4	17.3	17.3	0	18.5	19.9	19.9	19.9	19.7	19.7	0	20.5
		1	99	17.4	17.3	17.5	17.3	17.3	0	18.5	19.8	19.9	19.9	19.7	19.6	0	20.5
		50	0	17.4	17.4	17.4	17.3	17.2	0	18.5	19.9	19.9	19.9	19.6	19.6	0	20.5
		50	24	17.4	17.4	17.4	17.3	17.3	0	18.5	19.9	19.9	19.8	19.7	19.5	0	20.5
		50	50	17.4	17.3	17.4	17.2	17.2	0	18.5	19.8	19.8	19.8	19.6	19.5	0	20.5
		100	0	17.4	17.4	17.3	17.3	17.3	0	18.5	19.9	19.9	19.8	19.6	19.5	0	20.5
	64QAM	1	0	18.4	18.3	18.2	18.2	18.3	0	18.5	20.3	20.2	20.2	20.3	20.3	0	20.5
		1	49	18.4	18.4	18.3	18.2	18.3	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
		1	99	18.4	18.4	18.4	18.3	18.4	0	18.5	20.3	20.3	20.3	20.4	20.5	0	20.5
		50	0	18.5	18.4	18.4	18.4	18.3	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
		50	24	18.4	18.4	18.4	18.4	18.4	0	18.5	20.4	20.4	20.4	20.4	20.4	0	20.5
		50	50	18.4	18.4	18.4	18.4	18.3	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		100	0	18.4	18.4	18.4	18.4	18.3	0	18.5	20.3	20.3	20.4	20.4	20.3	0	20.5
	256QAM	1	0	18.5	18.1	18.3	18.3	18.1	0	18.5	20.5	20.2	20.3	20.3	20.1	0	20.5
		1	49	18.5	18.3	18.4	18.4	18.1	0	18.5	20.5	20.2	20.3	20.4	20.2	0	20.5
		1	99	18.5	18.3	18.4	18.4	18.1	0	18.5	20.5	20.3	20.3	20.4	20.2	0	20.5
		50	0	18.5	18.4	18.4	18.4	18.3	0	18.5	20.4	20.3	20.3	20.4	20.3	0	20.5
		50	24	18.4	18.4	18.5	18.5	18.4	0	18.5	20.4	20.4	20.4	20.4	20.4	0	20.5
		50	50	18.4	18.4	18.4	18.4	18.3	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
		100	0	18.4	18.4	18.4	18.4	18.4	0	18.5	20.4	20.4	20.4	20.4	20.4	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	17.4	17.4	17.5	17.4	17.3	0	18.5	19.7	19.7	19.7	19.6	19.5	0	20.5
		1	37	17.4	17.4	17.5	17.4	17.3	0	18.5	19.8	19.7	19.7	19.6	19.5	0	20.5
		1	74	17.3	17.4	17.5	17.4	17.3	0	18.5	19.6	19.7	19.7	19.6	19.5	0	20.5
		36	0	17.5	17.5	17.6	17.5	17.4	0	18.5	19.8	19.8	19.8	19.7	19.6	0	20.5
		36	20	17.5	17.5	17.5	17.5	17.4	0	18.5	19.9	19.8	19.9	19.7	19.6	0	20.5
		36	39	17.5	17.5	17.5	17.4	17.3	0	18.5	19.7	19.8	19.7	19.6	19.5	0	20.5
		75	0	17.6	17.5	17.6	17.5	17.4	0	18.5	19.9	19.8	19.8	19.7	19.6	0	20.5
	16QAM	1	0	17.3	17.1	17.4	17.2	17.1	0	18.5	19.8	19.7	19.7	19.6	19.4	0	20.5
		1	37	17.4	17.2	17.3	17.2	17.1	0	18.5	19.7	19.6	19.8	19.6	19.4	0	20.5
		1	74	17.3	17.2	17.4	17.3	17.1	0	18.5	19.7	19.7	19.7	19.6	19.5	0	20.5
		36	0	17.4	17.3	17.4	17.3	17.2	0	18.5	19.8	19.8	19.9	19.7	19.6	0	20.5
		36	20	17.4	17.3	17.4	17.3	17.3	0	18.5	19.9	19.8	19.8	19.7	19.6	0	20.5
		36	39	17.3	17.3	17.4	17.2	17.2	0	18.5	19.8	19.8	19.8	19.6	19.5	0	20.5
		75	0	17.4	17.4	17.3	17.3	17.3	0	18.5	19.9	19.9	19.8	19.7	19.6	0	20.5
	64QAM	1	0	18.4	18.2	18.3	18.2	18.1	0	18.5	20.3	20.2	20.3	20.2	20.1	0	20.5
		1	37	18.4	18.3	18.4	18.2	18.2	0	18.5	20.3	20.3	20.3	20.3	20.1	0	20.5
		1	74	18.3	18.3	18.4	18.3	18.2	0	18.5	20.3	20.3	20.4	20.4	20.2	0	20.5
		36	0	18.5	18.3	18.3	18.4	18.3	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
		36	20	18.5	18.4	18.4	18.4	18.3	0	18.5	20.4	20.4	20.3	20.4	20.3	0	20.5
		36	39	18.4	18.3	18.3	18.3	18.2	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
		75	0	18.4	18.4	18.4	18.4	18.3	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
	256QAM	1	0	18.4	18.2	18.2	18.3	18.2	0	18.5	20.4	20.2	20.1	20.1	20.2	0	20.5
		1	37	18.4	18.3	18.3	18.4	18.2	0	18.5	20.5	20.3	20.2	20.2	20.3	0	20.5
		1	74	18.4	18.3	18.2	18.4	18.2	0	18.5	20.4	20.3	20.2	20.3	20.3	0	20.5
		36	0	18.5	18.4	18.4	18.3	18.3	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
		36	20	18.5	18.4	18.4	18.4	18.3	0	18.5	20.5	20.3	20.3	20.4	20.3	0	20.5
		36	39	18.4	18.3	18.4	18.3	18.3	0	18.5	20.4	20.3	20.3	20.3	20.3	0	20.5
		75	0	18.4	18.4	18.4	18.4	18.3	0	18.5	20.4	20.3	20.4	20.4	20.3	0	20.5

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	17.6	17.5	17.7	17.5	17.4	0	18.5	19.9	19.8	19.9	19.7	19.6	0	20.5
		1	25	17.6	17.6	17.7	17.5	17.5	0	18.5	20.0	19.9	19.9	19.7	19.7	0	20.5
		1	49	17.6	17.5	17.6	17.5	17.4	0	18.5	19.9	19.8	19.8	19.7	19.6	0	20.5
		25	0	17.7	17.6	17.7	17.6	17.4	0	18.5	20.0	19.9	19.9	19.8	19.7	0	20.5
		25	12	17.6	17.6	17.7	17.6	17.5	0	18.5	20.0	20.0	20.0	19.8	19.7	0	20.5
		25	25	17.6	17.5	17.7	17.5	17.4	0	18.5	19.9	19.9	19.9	19.7	19.6	0	20.5
		50	0	17.6	17.6	17.6	17.6	17.5	0	18.5	20.0	19.9	19.8	19.8	19.7	0	20.5
	16QAM	1	0	17.6	17.4	17.5	17.4	17.1	0	18.5	20.0	19.8	19.9	19.8	19.5	0	20.5
		1	25	17.6	17.5	17.6	17.4	17.2	0	18.5	20.1	19.8	20.0	19.9	19.6	0	20.5
		1	49	17.6	17.4	17.5	17.4	17.2	0	18.5	20.0	19.8	19.9	19.8	19.5	0	20.5
		25	0	17.5	17.5	17.5	17.4	17.4	0	18.5	20.0	19.9	19.9	19.8	19.7	0	20.5
		25	12	17.6	17.5	17.6	17.4	17.4	0	18.5	20.0	19.9	20.0	19.8	19.7	0	20.5
		25	25	17.5	17.4	17.5	17.3	17.3	0	18.5	19.9	19.9	19.9	19.7	19.7	0	20.5
		50	0	17.5	17.5	17.4	17.4	17.3	0	18.5	20.0	19.9	19.9	19.8	19.7	0	20.5
	64QAM	1	0	18.5	18.4	18.5	18.3	18.3	0	18.5	20.4	20.3	20.4	20.4	20.3	0	20.5
		1	25	18.5	18.5	18.5	18.5	18.4	0	18.5	20.4	20.5	20.5	20.5	20.4	0	20.5
		1	49	18.5	18.5	18.5	18.5	18.3	0	18.5	20.4	20.4	20.4	20.5	20.3	0	20.5
		25	0	18.5	18.5	18.5	18.5	18.4	0	18.5	20.5	20.4	20.5	20.5	20.4	0	20.5
		25	12	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.5	20.5	20.5	20.5	0	20.5
		25	25	18.5	18.5	18.5	18.5	18.5	0	18.5	20.4	20.4	20.4	20.5	20.5	0	20.5
		50	0	18.5	18.5	18.5	18.5	18.5	0	18.5	20.2	20.5	20.5	20.5	20.5	0	20.5
	256QAM	1	0	18.5	18.4	18.5	18.4	18.4	0	18.5	20.3	20.4	20.4	20.4	20.4	0	20.5
		1	25	18.5	18.5	18.5	18.5	18.4	0	18.5	20.4	20.5	20.5	20.5	20.5	0	20.5
		1	49	18.5	18.4	18.5	18.4	18.4	0	18.5	20.2	20.4	20.4	20.4	20.4	0	20.5
		25	0	18.5	18.5	18.5	18.5	18.4	0	18.5	20.4	20.5	20.5	20.5	20.5	0	20.5
		25	12	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.5	20.5	20.5	20.5	0	20.5
		25	25	18.5	18.5	18.5	18.5	18.5	0	18.5	20.4	20.4	20.5	20.5	20.5	0	20.5
		50	0	18.5	18.5	18.5	18.5	18.5	0	18.5	20.3	20.5	20.5	20.5	20.5	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	17.5	17.5	17.6	17.5	17.4	0	18.5	19.9	19.8	19.8	19.7	19.6	0	20.5
		1	12	17.5	17.6	17.7	17.5	17.5	0	18.5	19.9	19.9	19.9	19.8	19.7	0	20.5
		1	24	17.6	17.5	17.6	17.5	17.4	0	18.5	19.9	19.8	19.8	19.6	19.6	0	20.5
		12	0	17.7	17.6	17.7	17.6	17.5	0	18.5	19.9	19.9	19.9	19.7	19.7	0	20.5
		12	7	17.6	17.6	17.6	17.6	17.5	0	18.5	19.9	20.0	19.8	19.8	19.7	0	20.5
		12	13	17.6	17.5	17.6	17.5	17.5	0	18.5	19.8	19.8	19.8	19.7	19.7	0	20.5
		25	0	17.6	17.6	17.6	17.6	17.5	0	18.5	19.9	19.9	19.8	19.7	19.7	0	20.5
	16QAM	1	0	17.5	17.5	17.6	17.4	17.3	0	18.5	19.9	19.8	20.0	19.7	19.6	0	20.5
		1	12	17.5	17.5	17.7	17.5	17.3	0	18.5	20.0	19.9	20.1	19.8	19.7	0	20.5
		1	24	17.5	17.4	17.6	17.4	17.2	0	18.5	19.8	19.9	19.9	19.7	19.6	0	20.5
		12	0	17.6	17.5	17.5	17.4	17.4	0	18.5	20.0	19.9	20.1	19.7	19.7	0	20.5
		12	7	17.6	17.5	17.5	17.5	17.4	0	18.5	20.0	20.0	20.0	19.8	19.8	0	20.5
		12	13	17.5	17.4	17.4	17.4	17.4	0	18.5	19.9	19.9	20.1	19.8	19.8	0	20.5
		25	0	17.4	17.5	17.4	17.4	17.4	0	18.5	19.9	19.9	19.8	19.8	19.7	0	20.5
	64QAM	1	0	18.5	18.4	18.5	18.4	18.4	0	18.5	20.5	20.5	20.4	20.4	20.4	0	20.5
		1	12	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.5	20.5	20.4	20.4	0	20.5
		1	24	18.5	18.4	18.5	18.5	18.5	0	18.5	20.5	20.4	20.4	20.4	20.4	0	20.5
		12	0	18.5	18.5	18.5	18.5	18.4	0	18.5	20.5	20.4	20.4	20.4	20.4	0	20.5
		12	7	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.5	20.5	20.5	20.5	0	20.5
		12	13	18.5	18.4	18.4	18.5	18.5	0	18.5	20.5	20.4	20.4	20.4	20.4	0	20.5
		25	0	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.5	20.4	20.5	20.4	0	20.5
	256QAM	1	0	18.5	18.4	18.4	18.5	18.4	0	18.5	20.5	20.4	20.4	20.3	20.2	0	20.5
		1	12	18.5	18.5	18.5	18.5	18.4	0	18.5	20.5	20.4	20.5	20.4	20.4	0	20.5
		1	24	18.5	18.3	18.4	18.5	18.3	0	18.5	20.5	20.3	20.4	20.3	20.2	0	20.5
		12	0	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.4	20.4	20.4	20.5	0	20.5
		12	7	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.5	20.5	20.5	20.5	0	20.5
		12	13	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.4	20.4	20.4	20.5	0	20.5
		25	0	18.5	18.5	18.5	18.5	18.5	0	18.5	20.5	20.5	20.5	20.4	20.4	0	20.5

LTE Band 41 Power Class 3 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	21.8	22.4	22.1	21.9	21.9	0	22.7	21.2	21.5	21.5	21.3	21.1	0	21.8
		1	49	22.4	22.4	22.1	21.9	22.0	0	22.7	21.5	21.5	21.5	21.4	21.3	0	21.8
		1	99	22.4	22.3	22.1	21.9	22.0	0	22.7	21.5	21.5	21.5	21.3	21.1	0	21.8
		50	0	22.4	22.4	22.3	21.9	22.0	0	22.7	21.6	21.6	21.5	21.4	21.2	0	21.8
		50	24	22.5	22.4	22.2	21.9	22.0	0	22.7	21.6	21.6	21.5	21.5	21.3	0	21.8
		50	50	22.5	22.4	22.2	21.9	22.0	0	22.7	21.6	21.6	21.5	21.3	21.2	0	21.8
		100	0	22.3	22.4	22.4	21.9	22.0	0	22.7	21.5	21.5	21.5	21.5	21.3	0	21.8
	16QAM	1	0	22.0	22.6	22.3	22.0	22.1	0	22.7	21.3	21.8	21.6	21.4	21.3	0	21.8
		1	49	22.5	22.6	22.1	22.0	22.3	0	22.7	21.7	21.8	21.8	21.3	21.3	0	21.8
		1	99	22.5	22.5	22.1	22.0	22.2	0	22.7	21.7	21.7	21.6	21.3	21.3	0	21.8
		50	0	22.4	22.5	22.1	21.9	22.0	0	22.7	21.6	21.7	21.6	21.4	21.2	0	21.8
		50	24	22.5	22.4	22.1	21.9	22.0	0	22.7	21.7	21.7	21.5	21.4	21.3	0	21.8
		50	50	22.5	22.4	22.1	22.0	22.1	0	22.7	21.7	21.7	21.5	21.3	21.2	0	21.8
		100	0	22.5	22.4	22.1	21.9	22.0	0	22.7	21.7	21.7	21.5	21.4	21.3	0	21.8
	64QAM	1	0	21.5	22.0	21.7	21.6	21.8	0	22.7	21.5	21.8	21.7	21.6	21.8	0	21.8
		1	49	22.1	21.9	21.7	21.6	21.8	0	22.7	21.8	21.8	21.7	21.6	21.8	0	21.8
		1	99	22.1	21.9	21.7	21.7	21.9	0	22.7	21.8	21.8	21.7	21.7	21.8	0	21.8
		50	0	22.0	22.0	21.7	21.5	21.7	0	22.7	21.8	21.8	21.7	21.5	21.7	0	21.8
		50	24	22.1	21.9	21.7	21.5	21.7	0	22.7	21.8	21.8	21.7	21.5	21.7	0	21.8
		50	50	22.1	21.9	21.7	21.6	21.8	0	22.7	21.8	21.8	21.7	21.6	21.8	0	21.8
		100	0	22.1	21.9	21.7	21.5	21.7	0	22.7	21.8	21.8	21.7	21.5	21.7	0	21.8
	256QAM	1	0	20.2	20.7	20.4	20.3	20.3	2	20.7	20.2	20.7	20.4	20.3	20.3	1.1	20.7
		1	49	20.7	20.6	20.3	20.3	20.3	2	20.7	20.7	20.6	20.3	20.3	20.3	1.1	20.7
		1	99	20.7	20.5	20.4	20.4	20.5	2	20.7	20.7	20.5	20.4	20.4	20.5	1.1	20.7
		50	0	20.6	20.7	20.4	20.2	20.4	2	20.7	20.6	20.7	20.4	20.2	20.4	1.1	20.7
		50	24	20.7	20.6	20.4	20.2	20.4	2	20.7	20.7	20.6	20.4	20.2	20.4	1.1	20.7
		50	50	20.7	20.6	20.4	20.3	20.5	2	20.7	20.7	20.6	20.4	20.3	20.5	1.1	20.7
		100	0	20.7	20.6	20.4	20.2	20.4	2	20.7	20.7	20.6	20.4	20.2	20.4	1.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	22.2	22.3	22.1	21.9	22.0	0	22.7	21.4	21.6	21.4	21.3	21.1	0	21.8
		1	37	22.3	22.2	22.0	21.9	22.0	0	22.7	21.5	21.6	21.5	21.3	21.1	0	21.8
		1	74	22.3	22.2	22.0	21.9	22.1	0	22.7	21.6	21.6	21.4	21.2	21.1	0	21.8
		36	0	22.4	22.4	22.2	22.0	22.1	0	22.7	21.6	21.7	21.6	21.4	21.2	0	21.8
		36	20	22.5	22.3	22.1	21.9	22.1	0	22.7	21.7	21.7	21.5	21.4	21.2	0	21.8
		36	39	22.4	22.3	22.1	22.0	22.1	0	22.7	21.7	21.7	21.5	21.4	21.2	0	21.8
		75	0	22.5	22.3	22.2	22.0	22.0	0	22.7	21.7	21.7	21.5	21.4	21.2	0	21.8
	16QAM	1	0	22.2	22.2	22.1	22.0	21.9	0	22.7	21.4	21.5	21.5	21.4	21.1	0	21.8
		1	37	22.3	22.2	22.1	22.0	21.9	0	22.7	21.5	21.5	21.4	21.3	21.1	0	21.8
		1	74	22.3	22.2	22.0	22.0	22.0	0	22.7	21.6	21.6	21.5	21.3	21.1	0	21.8
		36	0	22.3	22.4	22.1	22.0	22.0	0	22.7	21.6	21.7	21.5	21.4	21.2	0	21.8
		36	20	22.4	22.3	22.1	22.0	22.1	0	22.7	21.7	21.7	21.4	21.4	21.2	0	21.8
		36	39	22.4	22.3	22.1	22.1	22.1	0	22.7	21.7	21.6	21.5	21.3	21.2	0	21.8
		75	0	22.4	22.3	22.2	22.0	22.1	0	22.7	21.7	21.7	21.5	21.4	21.2	0	21.8
	64QAM	1	0	21.8	22.0	21.6	21.5	21.6	0	22.7	21.8	21.8	21.6	21.5	21.6	0	21.8
		1	37	22.0	21.9	21.7	21.5	21.7	0	22.7	21.8	21.8	21.7	21.5	21.7	0	21.8
		1	74	22.1	21.9	21.7	21.6	21.8	0	22.7	21.8	21.8	21.7	21.6	21.8	0	21.8
		36	0	22.0	22.0	21.7	21.5	21.7	0	22.7	21.8	21.8	21.7	21.5	21.7	0	21.8
		36	20	22.1	22.0	21.7	21.5	21.7	0	22.7	21.8	21.8	21.7	21.5	21.7	0	21.8
		36	39	22.1	21.9	21.7	21.6	21.8	0	22.7	21.8	21.8	21.7	21.6	21.8	0	21.8
		75	0	22.1	21.9	21.7	21.5	21.7	0	22.7	21.8	21.8	21.7	21.5	21.7	0	21.8
	256QAM	1	0	20.5	20.7	20.3	20.2	20.3	2	20.7	20.5	20.7	20.3	20.2	20.3	1.1	20.7
		1	37	20.7	20.6	20.4	20.2	20.4	2	20.7	20.7	20.6	20.4	20.2	20.4	1.1	20.7
		1	74	20.7	20.6	20.4	20.3	20.5	2	20.7	20.7	20.6	20.4	20.3	20.5	1.1	20.7
		36	0	20.7	20.7	20.4	20.2	20.4	2	20.7	20.7	20.7	20.4	20.2	20.4	1.1	20.7
		36	20	20.7	20.6	20.4	20.2	20.4	2	20.7	20.7	20.6	20.4	20.2	20.4	1.1	20.7
		36	39	20.7	20.6	20.4	20.3	20.5	2	20.7	20.7	20.6	20.4	20.3	20.5	1.1	20.7
		75	0	20.7	20.6	20.4	20.2	20.4	2	20.7	20.7	20.6	20.4	20.2	20.4	1.1	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	22.3	22.3	22.2	22.0	21.8	0	22.7	21.7	21.7	21.6	21.4	21.3	0	21.8
		1	25	22.3	22.4	22.2	22.0	21.9	0	22.7	21.7	21.8	21.6	21.4	21.3	0	21.8
		1	49	22.4	22.3	22.1	21.9	21.8	0	22.7	21.8	21.7	21.5	21.4	21.2	0	21.8
		25	0	22.4	22.4	22.3	22.0	21.9	0	22.7	21.8	21.6	21.7	21.5	21.3	0	21.8
		25	12	22.4	22.4	22.2	22.1	22.0	0	22.7	21.8	21.6	21.6	21.5	21.4	0	21.8
		25	25	22.4	22.4	22.2	22.1	22.0	0	22.7	21.6	21.6	21.6	21.5	21.4	0	21.8
		50	0	22.4	22.4	22.2	22.0	22.0	0	22.7	21.8	21.8	21.6	21.5	21.3	0	21.8
	16QAM	1	0	22.4	22.3	22.3	22.1	21.8	0	22.7	21.8	21.7	21.6	21.4	21.2	0	21.8
		1	25	22.4	22.3	22.3	22.1	21.8	0	22.7	21.6	21.8	21.7	21.5	21.2	0	21.8
		1	49	22.5	22.3	22.3	22.0	21.8	0	22.7	21.6	21.6	21.6	21.5	21.2	0	21.8
		25	0	22.4	22.4	22.3	22.1	22.0	0	22.7	21.8	21.8	21.7	21.4	21.3	0	21.8
		25	12	22.4	22.4	22.2	22.1	22.0	0	22.7	21.6	21.8	21.6	21.5	21.4	0	21.8
		25	25	22.5	22.4	22.3	22.0	22.0	0	22.7	21.6	21.8	21.6	21.4	21.3	0	21.8
		50	0	22.4	22.4	22.2	22.1	22.0	0	22.7	21.6	21.8	21.6	21.5	21.3	0	21.8
	64QAM	1	0	22.2	22.0	21.9	21.7	21.8	0	22.7	21.8	20.8	21.8	21.7	21.8	0	21.8
		1	25	22.3	22.1	21.9	21.7	21.9	0	22.7	21.8	20.8	21.8	21.7	21.8	0	21.8
		1	49	22.3	22.0	21.9	21.8	21.9	0	22.7	21.8	20.8	21.8	21.8	21.8	0	21.8
		25	0	22.3	22.2	21.9	21.7	21.8	0	22.7	21.8	20.8	21.8	21.7	21.8	0	21.8
		25	12	22.3	22.1	21.9	21.8	21.9	0	22.7	21.8	20.8	21.8	21.8	21.8	0	21.8
		25	25	22.2	22.1	21.9	21.8	22.0	0	22.7	21.8	20.8	21.8	21.8	21.8	0	21.8
		50	0	22.3	22.1	21.9	21.7	21.9	0	22.7	21.8	20.8	21.8	21.7	21.8	0	21.8
	256QAM	1	0	20.7	20.7	20.5	20.3	20.4	2	20.7	20.7	20.7	20.5	20.3	20.4	1.1	20.7
		1	25	20.7	20.7	20.5	20.4	20.6	2	20.7	20.7	20.7	20.5	20.4	20.6	1.1	20.7
		1	49	20.7	20.7	20.4	20.4	20.5	2	20.7	20.7	20.7	20.4	20.4	20.5	1.1	20.7
		25	0	20.7	20.7	20.5	20.4	20.5	2	20.7	20.7	20.7	20.5	20.4	20.5	1.1	20.7
		25	12	20.7	20.7	20.6	20.5	20.6	2	20.7	20.7	20.7	20.6	20.5	20.6	1.1	20.7
		25	25	20.7	20.7	20.6	20.5	20.6	2	20.7	20.7	20.7	20.6	20.5	20.6	1.1	20.7
		50	0	20.7	20.7	20.6	20.4	20.5	2	20.7	20.7	20.7	20.6	20.4	20.5	1.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)													
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	22.3	22.3	22.2	22.0	21.9	0	22.7	21.6	21.6	21.5	21.3	21.1	0	21.8
		1	12	22.3	22.4	22.2	22.0	21.9	0	22.7	21.4	21.6	21.5	21.3	21.1	0	21.8
		1	24	22.3	22.3	22.2	21.9	21.9	0	22.7	21.5	21.6	21.5	21.4	21.2	0	21.8
		12	0	22.3	22.4	22.3	22.0	21.9	0	22.7	21.2	21.6	21.5	21.3	21.1	0	21.8
		12	7	22.4	22.4	22.3	22.1	22.0	0	22.7	21.3	21.6	21.5	21.3	21.1	0	21.8
		12	13	22.4	22.4	22.2	22.0	21.9	0	22.7	21.4	21.6	21.5	21.3	21.1	0	21.8
		25	0	22.4	22.4	22.2	22.0	21.9	0	22.7	21.4	21.6	21.5	21.3	21.2	0	21.8
	16QAM	1	0	22.4	22.4	22.4	22.0	21.9	0	22.7	21.3	21.7	21.6	21.4	21.2	0	21.8
		1	12	22.5	22.4	22.5	22.1	22.0	0	22.7	21.5	21.6	21.5	21.4	21.3	0	21.8
		1	24	22.4	22.4	22.4	22.0	21.9	0	22.7	21.7	21.6	21.6	21.5	21.2	0	21.8
		12	0	22.5	22.4	22.4	22.1	22.0	0	22.7	21.2	21.6	21.5	21.3	21.2	0	21.8
		12	7	22.5	22.4	22.4	22.1	22.0	0	22.7	21.3	21.6	21.5	21.3	21.2	0	21.8
		12	13	22.5	22.4	22.3	22.0	22.0	0	22.7	21.4	21.6	21.5	21.3	21.2	0	21.8
		25	0	22.4	22.4	22.2	22.1	22.0	0	22.7	21.4	21.6	21.5	21.3	21.1	0	21.8
	64QAM	1	0	22.2	21.9	21.9	21.7	21.8	0	22.7	21.8	21.8	21.8	21.7	21.8	0	21.8
		1	12	22.2	22.0	22.0	21.8	21.9	0	22.7	21.8	21.8	21.8	21.8	21.8	0	21.8
		1	24	22.2	21.9	21.9	21.8	21.8	0	22.7	21.8	21.8	21.8	21.8	21.8	0	21.8
		12	0	22.3	21.8	21.8	21.8	21.8	0	22.7	21.8	21.8	21.8	21.8	21.8	0	21.8
		12	7	22.2	21.9	21.9	21.8	21.9	0	22.7	21.8	21.8	21.8	21.8	21.8	0	21.8
		12	13	22.2	21.9	21.9	21.8	21.9	0	22.7	21.8	21.8	21.8	21.8	21.8	0	21.8
		25	0	22.2	21.9	21.9	21.8	21.8	0	22.7	21.8	21.8	21.8	21.8	21.8	0	21.8
	256QAM	1	0	20.7	20.5	20.5	20.4	20.5	2	20.7	20.7	20.5	20.5	20.4	20.5	1.1	20.7
		1	12	20.7	20.6	20.6	20.5	20.7	2	20.7	20.7	20.6	20.6	20.5	20.7	1.1	20.7
		1	24	20.7	20.5	20.5	20.4	20.6	2	20.7	20.7	20.5	20.5	20.4	20.6	1.1	20.7
		12	0	20.7	20.6	20.6	20.4	20.5	2	20.7	20.7	20.6	20.6	20.4	20.5	1.1	20.7
		12	7	20.7	20.6	20.6	20.4	20.6	2	20.7	20.7	20.6	20.6	20.4	20.6	1.1	20.7
		12	13	20.7	20.5	20.5	20.4	20.6	2	20.7	20.7	20.5	20.5	20.4	20.6	1.1	20.7
		25	0	20.7	20.6	20.6	20.4	20.5	2	20.7	20.7	20.6	20.6	20.4	20.5	1.1	20.7

LTE Band 41 Power Class 3 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	20.6	20.5	20.4	20.2	20.2	0	21.5	19.3	19.3	19.4	19.2	19.1	0	20.2
		1	49	20.6	20.5	20.4	20.2	20.2	0	21.5	19.3	19.3	19.4	19.2	19.1	0	20.2
		1	99	20.6	20.5	20.4	20.2	20.2	0	21.5	19.3	19.3	19.4	19.2	19.1	0	20.2
		50	0	20.6	20.7	20.5	20.4	20.2	0	21.5	19.5	19.6	19.3	19.3	19.3	0	20.2
		50	24	20.6	20.7	20.5	20.4	20.2	0	21.5	19.5	19.6	19.3	19.3	19.3	0	20.2
		50	50	20.6	20.7	20.5	20.4	20.2	0	21.5	19.5	19.6	19.3	19.3	19.3	0	20.2
		100	0	20.5	20.5	20.5	20.2	20.2	0	21.5	19.2	19.2	19.2	19.1	18.9	0	20.2
	16QAM	1	0	20.8	21.2	21.0	20.6	20.4	0	21.5	19.3	19.5	19.4	19.3	19.1	0	20.2
		1	49	21.0	21.2	20.8	20.6	20.5	0	21.5	19.6	19.4	19.4	19.2	19.1	0	20.2
		1	99	21.1	21.1	20.7	20.6	20.6	0	21.5	19.5	19.4	19.2	19.2	19.1	0	20.2
		50	0	21.0	21.1	20.8	20.6	20.4	0	21.5	19.4	19.5	19.3	19.2	19.1	0	20.2
		50	24	21.0	21.0	20.7	20.6	20.5	0	21.5	19.4	19.4	19.2	19.2	19.1	0	20.2
		50	50	21.0	21.0	20.9	20.5	20.3	0	21.5	19.4	19.4	19.2	19.1	19.0	0	20.2
		100	0	20.9	21.0	20.9	20.6	20.4	0	21.5	19.4	19.4	19.2	19.2	19.1	0	20.2
	64QAM	1	0	21.1	21.1	21.0	20.9	20.7	0	21.5	19.6	19.8	19.7	19.6	19.3	0	20.2
		1	49	21.2	21.1	21.0	20.8	20.7	0	21.5	19.9	19.9	19.7	19.7	19.4	0	20.2
		1	99	21.3	21.1	21.2	20.9	20.7	0	21.5	19.8	19.8	19.8	19.7	19.3	0	20.2
		50	0	21.2	21.2	21.1	21.0	20.7	0	21.5	19.9	19.8	19.8	19.7	19.3	0	20.2
		50	24	21.3	21.2	21.1	21.0	20.7	0	21.5	20.0	19.9	19.8	19.7	19.4	0	20.2
		50	50	21.3	21.1	21.1	20.9	20.6	0	21.5	19.9	19.8	19.8	19.6	19.3	0	20.2
		100	0	21.3	21.2	21.1	21.0	20.7	0	21.5	20.0	19.8	19.7	19.7	19.3	0	20.2
	256QAM	1	0	20.3	20.2	20.2	20.3	19.7	0.8	20.7	19.7	19.7	19.7	19.7	19.2	0	20.2
		1	49	20.6	20.2	20.2	20.2	19.7	0.8	20.7	20.0	19.7	19.7	19.7	19.2	0	20.2
		1	99	20.6	20.2	20.3	20.2	19.7	0.8	20.7	20.0	19.7	19.8	19.6	19.2	0	20.2
		50	0	20.4	20.3	20.3	20.2	19.9	0.8	20.7	19.9	19.9	19.8	19.7	19.3	0	20.2
		50	24	20.5	20.4	20.3	20.3	19.9	0.8	20.7	20.0	19.9	19.8	19.7	19.4	0	20.2
		50	50	20.5	20.3	20.3	20.2	19.8	0.8	20.7	20.0	19.8	19.8	19.7	19.3	0	20.2
		100	0	20.5	20.4	20.3	20.2	19.9	0.8	20.7	20.0	19.9	19.8	19.7	19.4	0	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	20.6	20.8	20.8	20.3	20.3	0	21.5	19.2	19.5	19.4	18.8	18.7	0	20.2
		1	37	20.8	20.8	20.7	20.3	20.3	0	21.5	19.4	19.5	19.4	18.8	18.8	0	20.2
		1	74	20.8	20.8	20.7	20.3	20.4	0	21.5	19.4	19.5	19.3	18.8	18.9	0	20.2
		36	0	20.8	20.9	20.9	20.8	20.5	0	21.5	19.4	19.5	19.5	18.9	18.9	0	20.2
		36	20	20.9	20.9	20.8	20.7	20.5	0	21.5	19.5	19.6	19.4	18.9	18.9	0	20.2
		36	39	20.8	20.9	20.8	20.3	20.4	0	21.5	19.5	19.5	19.4	18.8	18.8	0	20.2
		75	0	20.8	20.9	20.8	20.5	20.5	0	21.5	19.4	19.5	19.4	18.9	18.9	0	20.2
	16QAM	1	0	20.7	20.7	20.8	20.5	20.2	0	21.5	19.2	19.4	19.5	18.8	18.7	0	20.2
		1	37	20.8	20.7	20.8	20.3	20.3	0	21.5	19.3	19.4	19.4	18.7	18.9	0	20.2
		1	74	20.8	20.8	20.7	20.3	20.3	0	21.5	19.3	19.5	19.4	18.7	18.9	0	20.2
		36	0	20.8	20.9	20.9	20.5	20.5	0	21.5	19.4	19.5	19.5	18.9	18.9	0	20.2
		36	20	20.9	20.9	20.8	20.5	20.5	0	21.5	19.5	19.5	19.4	18.9	18.9	0	20.2
		36	39	20.8	20.8	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	18.8	18.9	0	20.2
		75	0	20.8	20.9	20.8	20.5	20.5	0	21.5	19.4	19.5	19.4	18.9	18.9	0	20.2
	64QAM	1	0	21.0	21.0	21.0	20.9	20.5	0	21.5	19.8	19.8	19.7	19.6	19.2	0	20.2
		1	37	21.2	21.1	21.1	20.9	20.5	0	21.5	19.9	19.7	19.8	19.6	19.3	0	20.2
		1	74	21.2	21.1	21.1	21.0	20.5	0	21.5	19.9	19.8	19.9	19.5	19.3	0	20.2
		36	0	21.2	21.2	21.1	21.0	20.7	0	21.5	19.9	19.8	19.8	19.6	19.3	0	20.2
		36	20	21.3	21.2	21.1	21.0	20.7	0	21.5	20.0	19.9	19.8	19.7	19.3	0	20.2
		36	39	21.2	21.1	21.1	20.9	20.6	0	21.5	19.9	19.8	19.8	19.6	19.3	0	20.2
		75	0	21.3	21.2	21.1	21.0	20.7	0	21.5	20.0	19.9	19.8	19.6	19.3	0	20.2
	256QAM	1	0	20.3	20.3	20.2	20.2	19.6	0.8	20.7	19.7	19.7	19.6	19.6	19.2	0	20.2
		1	37	20.4	20.3	20.1	20.2	19.7	0.8	20.7	19.9	19.8	19.7	19.7	19.3	0	20.2
		1	74	20.4	20.3	20.1	20.0	19.6	0.8	20.7	19.9	19.8	19.7	19.5	19.1	0	20.2
		36	0	20.4	20.3	20.3	20.2	19.8	0.8	20.7	19.9	19.8	19.8	19.6	19.3	0	20.2
		36	20	20.5	20.4	20.3	20.2	19.9	0.8	20.7	20.0	19.9	19.8	19.7	19.3	0	20.2
		36	39	20.4	20.3	20.3	20.1	19.8	0.8	20.7	19.9	19.8	19.8	19.6	19.2	0	20.2
		75	0	20.5	20.4	20.2	20.2	19.9	0.8	20.7	20.0	19.9	19.8	19.6	19.3	0	20.2

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	20.7	20.8	20.7	20.0	20.0	0	21.5	19.5	19.5	19.4	19.0	19.0	0	20.2
		1	25	20.8	20.9	20.7	20.1	20.1	0	21.5	19.6	19.6	19.5	19.0	19.1	0	20.2
		1	49	20.8	20.8	20.7	20.0	20.1	0	21.5	19.6	19.5	19.4	19.1	19.0	0	20.2
		25	0	20.8	20.9	20.7	20.1	20.1	0	21.5	19.6	19.6	19.5	19.1	19.1	0	20.2
		25	12	20.8	20.9	20.7	20.1	20.1	0	21.5	19.6	19.6	19.4	19.1	19.1	0	20.2
		25	25	20.8	20.8	20.7	20.0	20.1	0	21.5	19.4	19.5	19.4	19.0	19.1	0	20.2
		50	0	20.7	20.8	20.7	20.1	20.1	0	21.5	19.4	19.6	19.4	19.1	19.1	0	20.2
	16QAM	1	0	20.8	20.7	20.8	20.1	19.9	0	21.5	19.2	19.6	19.5	19.0	19.1	0	20.2
		1	25	20.9	20.8	20.6	20.1	20.0	0	21.5	19.4	19.7	19.5	19.0	19.2	0	20.2
		1	49	20.9	20.7	20.5	20.0	19.9	0	21.5	19.3	19.5	19.4	18.9	19.1	0	20.2
		25	0	20.8	20.9	20.6	20.1	20.1	0	21.5	19.4	19.5	19.5	19.2	19.1	0	20.2
		25	12	20.8	21.0	20.6	20.1	20.2	0	21.5	19.4	19.7	19.4	19.2	19.1	0	20.2
		25	25	20.8	20.9	20.5	20.0	20.1	0	21.5	19.4	19.6	19.3	19.1	19.0	0	20.2
		50	0	20.8	20.8	20.5	20.1	20.1	0	21.5	19.4	19.6	19.4	19.2	19.1	0	20.2
	64QAM	1	0	21.3	21.2	21.2	21.0	20.7	0	21.5	20.1	19.8	19.8	19.7	19.4	0	20.2
		1	25	21.4	21.2	21.3	21.1	20.8	0	21.5	20.2	19.9	19.9	19.8	19.4	0	20.2
		1	49	21.4	21.2	21.3	21.0	20.7	0	21.5	20.1	19.9	19.9	19.7	19.4	0	20.2
		25	0	21.4	21.3	21.2	21.1	20.8	0	21.5	20.1	20.0	19.9	19.8	19.5	0	20.2
		25	12	21.4	21.3	21.3	21.2	20.9	0	21.5	20.2	20.0	20.0	19.8	19.5	0	20.2
		25	25	21.4	21.2	21.2	21.1	20.8	0	21.5	20.1	19.9	19.9	19.7	19.4	0	20.2
		50	0	21.4	21.3	21.2	21.1	20.8	0	21.5	20.1	20.0	19.9	19.8	19.5	0	20.2
	256QAM	1	0	20.4	20.5	20.2	20.2	20.0	0.8	20.7	19.9	20.0	19.8	19.7	19.4	0	20.2
		1	25	20.6	20.5	20.3	20.2	20.1	0.8	20.7	20.1	20.0	19.9	19.8	19.5	0	20.2
		1	49	20.5	20.4	20.3	20.1	20.0	0.8	20.7	20.0	19.9	19.8	19.7	19.4	0	20.2
		25	0	20.6	20.5	20.4	20.3	20.0	0.8	20.7	20.1	20.0	19.9	19.8	19.5	0	20.2
		25	12	20.7	20.5	20.5	20.4	20.1	0.8	20.7	20.1	20.0	20.0	19.9	19.5	0	20.2
		25	25	20.6	20.4	20.4	20.3	20.0	0.8	20.7	20.1	20.0	19.9	19.8	19.4	0	20.2
		50	0	20.6	20.5	20.4	20.3	20.0	0.8	20.7	20.1	20.0	19.9	19.8	19.5	0	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	20.7	20.8	20.7	20.4	20.3	0	21.5	19.5	19.5	19.5	19.0	19.0	0	20.2
		1	12	20.8	20.8	20.7	20.4	20.4	0	21.5	19.5	19.6	19.6	19.1	19.1	0	20.2
		1	24	20.7	20.7	20.7	20.3	20.3	0	21.5	19.5	19.5	19.4	19.0	19.1	0	20.2
		12	0	20.8	20.8	20.7	20.4	20.4	0	21.5	19.5	19.6	19.5	19.1	19.1	0	20.2
		12	7	20.8	20.9	20.7	20.5	20.4	0	21.5	19.6	19.6	19.5	19.1	19.2	0	20.2
		12	13	20.7	20.8	20.7	20.4	20.4	0	21.5	19.5	19.5	19.4	19.1	19.1	0	20.2
		25	0	20.7	20.8	20.7	20.4	20.4	0	21.5	19.5	19.6	19.4	19.1	19.1	0	20.2
	16QAM	1	0	20.7	20.9	20.8	20.3	20.4	0	21.5	19.5	19.6	19.6	19.0	19.1	0	20.2
		1	12	20.8	21.0	20.8	20.4	20.5	0	21.5	19.5	19.6	19.7	19.1	19.2	0	20.2
		1	24	20.7	20.9	20.7	20.3	20.4	0	21.5	19.5	19.5	19.6	19.0	19.1	0	20.2
		12	0	20.8	20.8	20.9	20.4	20.3	0	21.5	19.6	19.6	19.5	19.1	19.0	0	20.2
		12	7	20.9	20.9	20.8	20.4	20.4	0	21.5	19.6	19.6	19.5	19.1	19.1	0	20.2
		12	13	20.8	20.7	20.8	20.4	20.4	0	21.5	19.5	19.5	19.4	19.1	19.1	0	20.2
		25	0	20.7	20.8	20.7	20.5	20.4	0	21.5	19.4	19.5	19.5	19.1	19.1	0	20.2
	64QAM	1	0	21.2	21.0	21.0	21.0	20.6	0	21.5	19.9	19.7	19.7	19.6	19.4	0	20.2
		1	12	21.2	21.1	21.1	21.0	20.6	0	21.5	19.8	19.7	19.8	19.6	19.4	0	20.2
		1	24	21.1	21.1	21.1	21.1	20.7	0	21.5	19.9	19.8	19.8	19.7	19.5	0	20.2
		12	0	21.1	21.1	21.1	21.0	20.6	0	21.5	19.8	19.7	19.7	19.7	19.4	0	20.2
		12	7	21.1	21.1	21.1	21.0	20.6	0	21.5	19.8	19.8	19.8	19.7	19.3	0	20.2
		12	13	21.1	21.1	21.1	21.0	20.6	0	21.5	19.8	19.8	19.8	19.7	19.3	0	20.2
		25	0	21.1	21.1	21.1	21.0	20.6	0	21.5	19.8	19.8	19.8	19.7	19.3	0	20.2
	256QAM	1	0	20.2	20.2	20.1	20.3	19.7	0.8	20.7	19.7	19.7	19.8	19.7	19.2	0	20.2
		1	12	20.2	20.2	20.1	20.3	19.7	0.8	20.7	19.7	19.7	19.7	19.7	19.3	0	20.2
		1	24	20.3	20.3	20.3	20.4	19.8	0.8	20.7	19.8	19.8	19.9	19.8	19.4	0	20.2
		12	0	20.3	20.3	20.3	20.2	19.8	0.8	20.7	19.8	19.8	19.8	19.7	19.3	0	20.2
		12	7	20.3	20.3	20.3	20.2	19.8	0.8	20.7	19.8	19.8	19.8	19.6	19.3	0	20.2
		12	13	20.3	20.3	20.3	20.2	19.8	0.8	20.7	19.8	19.8	19.8	19.7	19.3	0	20.2
		25	0	20.3	20.3	20.3	20.2	19.8	0.8	20.7	19.8	19.8	19.8	19.7	19.3	0	20.2

LTE Band 48 Measured Results (ANT7)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	22.6	22.5	22.2	22.6	0	23.5	21.7	21.7	21.8	21.7	0	22.5
		1	49	22.6	22.5	22.6	22.6	0	23.5	21.7	21.7	21.8	21.7	0	22.5
		1	99	22.6	22.5	22.2	22.5	0	23.5	21.7	21.7	21.8	21.7	0	22.5
		50	0	22.6	22.6	22.3	22.7	0	23.5	21.8	21.8	21.9	21.8	0	22.5
		50	24	22.7	22.6	22.8	22.7	0	23.5	21.8	21.8	21.9	21.8	0	22.5
		50	50	22.6	22.6	22.4	22.7	0	23.5	21.8	21.8	21.9	21.8	0	22.5
		100	0	22.7	22.5	22.7	22.7	0	23.5	21.6	21.6	21.7	21.7	0	22.5
	16QAM	1	0	22.8	22.8	22.3	22.9	0	23.5	22.0	22.0	22.0	22.0	0	22.5
		1	49	22.8	22.9	22.4	22.9	0	23.5	22.1	22.1	22.0	22.0	0	22.5
		1	99	22.7	22.9	22.2	22.7	0	23.5	21.9	22.0	22.0	21.9	0	22.5
		50	0	22.8	22.8	22.4	22.8	0	23.5	22.0	22.0	22.1	21.9	0	22.5
		50	24	22.8	22.8	22.4	22.8	0	23.5	22.0	22.0	22.1	21.9	0	22.5
		50	50	22.8	22.8	22.4	22.8	0	23.5	22.0	22.0	22.1	21.9	0	22.5
		100	0	22.8	22.8	22.4	22.8	0	23.5	22.0	22.0	22.1	21.9	0	22.5
	64QAM	1	0	22.8	22.7	22.3	22.8	0	23.5	21.9	21.8	22.0	21.9	0	22.5
		1	49	22.8	22.7	22.3	22.8	0	23.5	21.8	21.9	21.9	21.9	0	22.5
		1	99	22.7	22.6	22.2	22.6	0	23.5	21.7	21.9	22.0	21.7	0	22.5
		50	0	22.3	22.3	21.9	22.3	0.5	23.0	22.0	21.9	22.1	22.0	0	22.5
		50	24	22.3	22.3	21.9	22.3	0.5	23.0	22.0	22.0	22.1	22.0	0	22.5
		50	50	22.3	22.3	21.9	22.3	0.5	23.0	22.0	22.0	22.0	21.9	0	22.5
		100	0	22.3	22.3	21.9	22.3	0.5	23.0	22.0	22.0	22.0	21.9	0	22.5
	256QAM	1	0	20.4	20.3	19.9	20.1	2.5	21.0	20.5	20.4	20.5	20.3	1.5	21.0
		1	49	20.3	20.2	19.8	20.1	2.5	21.0	20.5	20.4	20.5	20.3	1.5	21.0
		1	99	20.3	20.3	19.9	20.1	2.5	21.0	20.5	20.5	20.5	20.3	1.5	21.0
		50	0	20.3	20.3	19.9	20.3	2.5	21.0	20.5	20.5	20.5	20.4	1.5	21.0
		50	24	20.3	20.3	19.9	20.3	2.5	21.0	20.5	20.5	20.6	20.4	1.5	21.0
		50	50	20.3	20.3	19.9	20.2	2.5	21.0	20.5	20.5	20.5	20.4	1.5	21.0
		100	0	20.3	20.3	19.8	20.3	2.5	21.0	20.5	20.5	20.5	20.4	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	22.8	22.8	22.2	22.8	0	23.5	21.8	21.8	22.0	21.8	0	22.5
		1	37	22.8	22.9	22.2	22.8	0	23.5	21.8	21.9	22.0	21.9	0	22.5
		1	74	22.8	22.9	22.2	22.7	0	23.5	21.8	21.9	22.0	21.8	0	22.5
		36	0	23.0	23.0	22.3	23.0	0	23.5	21.9	21.9	22.0	22.0	0	22.5
		36	20	23.0	23.0	22.4	22.9	0	23.5	21.9	21.9	22.1	21.9	0	22.5
		36	39	23.0	23.0	22.4	22.9	0	23.5	21.9	21.9	22.0	21.9	0	22.5
		75	0	23.0	23.0	22.4	23.0	0	23.5	21.9	21.9	22.1	21.9	0	22.5
	16QAM	1	0	22.9	22.8	22.2	22.7	0	23.5	21.8	21.8	22.0	21.8	0	22.5
		1	37	22.9	22.9	22.4	22.8	0	23.5	21.8	21.8	22.0	21.9	0	22.5
		1	74	22.8	22.8	22.3	22.8	0	23.5	21.8	21.7	21.9	21.8	0	22.5
		36	0	23.0	23.0	22.4	23.0	0	23.5	21.9	21.9	22.0	21.9	0	22.5
		36	20	23.0	23.0	22.4	23.0	0	23.5	21.9	21.9	22.1	21.9	0	22.5
		36	39	23.0	23.0	22.4	22.9	0	23.5	21.9	21.9	22.0	21.9	0	22.5
		75	0	23.0	23.0	22.4	23.0	0	23.5	21.9	21.9	22.1	21.9	0	22.5
	64QAM	1	0	22.9	22.8	22.3	22.8	0	23.5	21.7	21.8	21.9	21.8	0	22.5
		1	37	22.9	22.9	22.3	22.8	0	23.5	21.8	21.8	22.0	21.8	0	22.5
		1	74	22.8	22.8	22.2	22.8	0	23.5	21.8	21.8	22.0	21.7	0	22.5
		36	0	22.5	22.5	21.9	22.5	0.5	23.0	21.9	21.9	22.1	21.9	0	22.5
		36	20	22.5	22.5	21.9	22.4	0.5	23.0	21.9	21.9	22.1	21.9	0	22.5
		36	39	22.5	22.5	21.9	22.4	0.5	23.0	21.9	22.0	22.1	21.9	0	22.5
		75	0	22.5	22.5	21.9	22.5	0.5	23.0	21.9	22.0	22.1	21.9	0	22.5
	256QAM	1	0	20.4	20.4	19.8	20.4	2.5	21.0	20.3	20.3	20.5	20.3	1.5	21.0
		1	37	20.4	20.4	19.9	20.1	2.5	21.0	20.4	20.4	20.5	20.4	1.5	21.0
		1	74	20.5	20.4	19.8	20.1	2.5	21.0	20.3	20.4	20.5	20.4	1.5	21.0
		36	0	20.5	20.5	19.9	20.2	2.5	21.0	20.4	20.4	20.6	20.4	1.5	21.0
		36	20	20.5	20.5	19.9	20.2	2.5	21.0	20.4	20.4	20.6	20.4	1.5	21.0
		36	39	20.5	20.5	19.9	20.1	2.5	21.0	20.4	20.4	20.6	20.4	1.5	21.0
		75	0	20.5	20.5	19.9	20.2	2.5	21.0	20.4	20.4	20.6	20.4	1.5	21.0

LTE Band 48 Measured Results (ANT7) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	23.0	23.1	22.3	23.0	0	23.5	22.1	22.1	22.2	22.0	0	22.5
		1	25	23.1	23.1	22.3	23.0	0	23.5	22.1	22.1	22.2	22.0	0	22.5
		1	49	23.0	23.1	22.3	23.0	0	23.5	22.0	22.1	22.2	22.0	0	22.5
		25	0	23.1	23.1	22.4	23.1	0	23.5	22.0	22.0	22.2	22.0	0	22.5
		25	12	23.1	23.2	22.4	23.1	0	23.5	22.0	22.1	22.2	22.0	0	22.5
		25	25	23.1	23.1	22.4	23.1	0	23.5	22.0	22.1	22.2	22.0	0	22.5
		50	0	23.1	23.1	22.4	23.0	0	23.5	22.0	22.1	22.1	22.0	0	22.5
	16QAM	1	0	23.1	23.0	22.5	23.0	0	23.5	22.1	21.8	22.2	21.9	0	22.5
		1	25	23.1	23.1	22.5	22.9	0	23.5	22.1	21.9	22.2	21.9	0	22.5
		1	49	23.1	23.0	22.5	22.9	0	23.5	22.0	21.9	22.2	21.9	0	22.5
		25	0	23.2	23.2	22.5	23.1	0	23.5	22.1	22.0	22.2	22.0	0	22.5
		25	12	23.2	23.2	22.5	23.1	0	23.5	22.1	22.0	22.3	22.0	0	22.5
		25	25	23.1	23.2	22.5	23.1	0	23.5	22.1	22.0	22.2	22.0	0	22.5
		50	0	23.1	23.2	22.5	23.1	0	23.5	22.0	22.0	22.2	22.0	0	22.5
	64QAM	1	0	23.1	23.1	22.5	23.0	0	23.5	22.0	21.9	22.1	22.0	0	22.5
		1	25	23.1	23.1	22.5	23.0	0	23.5	22.0	22.0	22.2	22.0	0	22.5
		1	49	23.1	23.1	22.4	23.0	0	23.5	22.0	22.0	22.1	22.0	0	22.5
		25	0	22.6	22.6	22.0	22.6	0.5	23.0	22.1	22.0	22.2	22.0	0	22.5
		25	12	22.7	22.7	22.0	22.6	0.5	23.0	22.1	22.1	22.2	22.0	0	22.5
		25	25	22.6	22.6	22.0	22.6	0.5	23.0	22.0	22.1	22.2	22.0	0	22.5
		50	0	22.6	22.6	22.0	22.6	0.5	23.0	22.1	22.0	22.2	22.0	0	22.5
	256QAM	1	0	20.6	20.5	19.9	20.5	2.5	21.0	20.5	20.5	20.6	20.4	1.5	21.0
		1	25	20.6	20.6	19.9	20.6	2.5	21.0	20.6	20.6	20.7	20.5	1.5	21.0
		1	49	20.6	20.5	19.9	20.5	2.5	21.0	20.5	20.5	20.6	20.4	1.5	21.0
		25	0	20.6	20.6	20.0	20.6	2.5	21.0	20.6	20.5	20.7	20.5	1.5	21.0
		25	12	20.7	20.6	20.0	20.6	2.5	21.0	20.6	20.6	20.7	20.6	1.5	21.0
		25	25	20.6	20.6	20.0	20.6	2.5	21.0	20.5	20.6	20.7	20.5	1.5	21.0
		50	0	20.6	20.6	20.0	20.6	2.5	21.0	20.5	20.5	20.7	20.5	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5	QPSK	1	0	22.9	22.8	22.3	22.8	0	23.5	22.1	21.8	22.0	21.7	0	22.5
		1	12	23.0	22.7	22.3	22.8	0	23.5	22.1	21.8	21.9	21.7	0	22.5
		1	24	22.9	22.8	22.3	22.8	0	23.5	22.1	21.9	22.0	21.8	0	22.5
		12	0	23.0	22.8	22.4	22.8	0	23.5	22.1	21.8	21.9	21.8	0	22.5
		12	7	23.0	22.7	22.4	22.8	0	23.5	22.1	21.8	21.9	21.8	0	22.5
		12	13	23.0	22.8	22.4	22.8	0	23.5	22.1	21.8	22.0	21.8	0	22.5
		25	0	23.0	22.8	22.4	22.9	0	23.5	22.1	21.8	22.0	21.8	0	22.5
	16QAM	1	0	23.0	22.9	22.4	22.9	0	23.5	22.0	21.8	22.0	21.8	0	22.5
		1	12	23.0	22.9	22.4	22.9	0	23.5	22.1	21.9	22.0	21.8	0	22.5
		1	24	23.0	23.0	22.4	23.0	0	23.5	22.0	21.9	22.1	21.9	0	22.5
		12	0	23.1	22.8	22.5	22.8	0	23.5	22.0	21.7	21.9	21.8	0	22.5
		12	7	23.1	22.8	22.5	22.8	0	23.5	22.0	21.6	21.9	21.8	0	22.5
		12	13	23.1	22.8	22.5	22.8	0	23.5	22.0	21.6	21.9	21.8	0	22.5
		25	0	23.1	22.8	22.4	22.9	0	23.5	22.1	21.8	22.0	21.8	0	22.5
	64QAM	1	0	22.9	22.9	22.4	22.8	0	23.5	22.1	21.9	21.9	21.8	0	22.5
		1	12	23.0	22.9	22.4	22.8	0	23.5	22.2	21.9	21.9	21.8	0	22.5
		1	24	22.9	22.9	22.4	22.8	0	23.5	22.1	21.9	22.0	21.9	0	22.5
		12	0	22.5	22.8	21.9	22.9	0.5	23.0	22.1	21.8	22.0	21.8	0	22.5
		12	7	22.6	22.8	21.9	22.9	0.5	23.0	22.1	21.8	22.0	21.8	0	22.5
		12	13	22.5	22.8	21.9	22.9	0.5	23.0	22.1	21.8	22.0	21.8	0	22.5
		25	0	22.6	22.4	21.9	22.4	0.5	23.0	22.1	21.8	22.0	21.9	0	22.5
	256QAM	1	0	20.5	20.5	19.9	20.5	2.5	21.0	20.6	20.3	20.6	20.3	1.5	21.0
		1	12	20.6	20.4	19.9	20.4	2.5	21.0	20.6	20.3	20.5	20.3	1.5	21.0
		1	24	20.5	20.4	19.9	20.5	2.5	21.0	20.5	20.4	20.6	20.4	1.5	21.0
		12	0	20.6	20.3	19.9	20.4	2.5	21.0	20.6	20.3	20.5	20.3	1.5	21.0
		12	7	20.6	20.4	19.9	20.4	2.5	21.0	20.6	20.3	20.5	20.3	1.5	21.0
		12	13	20.5	20.3	19.9	20.4	2.5	21.0	20.6	20.4	20.6	20.3	1.5	21.0
		25	0	20.5	20.4	19.9	20.4	2.5	21.0	20.6	20.3	20.5	20.3	1.5	21.0

LTE Band 48 Measured Results (ANT8)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	21.8	21.9	22.1	22.1	0	22.8	21.5	21.7	21.8	21.8	0	22.5
		1	49	20.8	21.0	21.0	21.0	0	22.8	21.7	21.8	21.9	21.9	0	22.5
		1	99	21.8	22.0	22.2	22.0	0	22.8	21.5	21.7	21.8	21.7	0	22.5
		50	0	21.8	21.9	22.1	22.1	0	22.8	21.5	21.7	21.8	21.8	0	22.5
		50	24	20.9	21.0	20.9	22.1	0	22.8	21.7	21.8	21.9	21.9	0	22.5
		50	50	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.8	0	22.5
		100	0	20.9	20.9	20.9	21.0	0	22.8	21.7	21.9	21.8	21.8	0	22.5
	16QAM	1	0	21.8	21.9	22.2	22.1	0	22.8	21.5	21.8	21.9	21.9	0	22.5
		1	49	21.9	22.0	22.4	22.3	0	22.8	21.6	21.8	21.9	22.0	0	22.5
		1	99	21.8	22.0	22.2	22.1	0	22.8	21.5	21.8	21.8	21.9	0	22.5
		50	0	21.8	22.0	22.2	22.1	0	22.8	21.5	21.7	21.8	21.8	0	22.5
		50	24	21.9	22.1	22.3	22.2	0	22.8	21.6	21.8	21.9	21.9	0	22.5
		50	50	21.9	22.1	22.3	22.1	0	22.8	21.6	21.8	21.9	21.8	0	22.5
		100	0	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.9	0	22.5
	64QAM	1	0	21.7	22.0	22.2	22.0	0	22.8	21.6	21.5	21.9	21.8	0	22.5
		1	49	21.7	22.0	22.2	22.1	0	22.8	21.7	21.6	21.9	21.8	0	22.5
		1	99	21.7	21.9	22.2	22.0	0	22.8	21.6	21.6	21.9	21.6	0	22.5
		50	0	21.8	21.9	22.2	22.1	0	22.8	21.6	21.7	21.8	21.8	0	22.5
		50	24	21.9	22.0	22.3	22.2	0	22.8	21.6	21.8	22.0	21.9	0	22.5
		50	50	21.9	22.1	22.3	22.1	0	22.8	21.7	21.8	22.0	21.9	0	22.5
		100	0	21.9	22.0	22.3	22.1	0	22.8	21.6	21.7	21.9	21.9	0	22.5
	256QAM	1	0	20.0	20.1	20.3	20.2	1.8	21.0	20.2	20.1	20.4	20.3	1.5	21.0
		1	49	20.1	20.2	20.4	20.2	1.8	21.0	20.1	20.2	20.4	20.4	1.5	21.0
		1	99	20.1	20.2	20.4	20.2	1.8	21.0	20.1	20.3	20.5	20.3	1.5	21.0
		50	0	20.0	20.1	20.4	20.3	1.8	21.0	20.0	20.1	20.3	20.3	1.5	21.0
		50	24	20.1	20.2	20.5	20.4	1.8	21.0	20.1	20.3	20.5	20.4	1.5	21.0
		50	50	20.1	20.2	20.5	20.4	1.8	21.0	20.1	20.3	20.4	20.4	1.5	21.0
		100	0	20.1	20.2	20.5	20.3	1.8	21.0	20.1	20.2	20.4	20.4	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	21.8	21.9	22.1	22.0	0	22.8	21.5	21.6	21.8	21.8	0	22.5
		1	37	21.8	22.0	22.2	22.1	0	22.8	21.5	21.7	21.9	21.8	0	22.5
		1	74	21.8	22.0	22.2	22.0	0	22.8	21.5	21.7	21.8	21.7	0	22.5
		36	0	21.8	21.9	22.1	22.0	0	22.8	21.5	21.7	21.8	21.8	0	22.5
		36	20	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.8	0	22.5
		36	39	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.8	0	22.5
		75	0	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.9	0	22.5
	16QAM	1	0	21.8	21.8	22.0	22.0	0	22.8	21.5	21.5	21.8	21.6	0	22.5
		1	37	21.8	21.9	22.1	22.1	0	22.8	21.6	21.6	21.8	21.7	0	22.5
		1	74	21.7	21.9	22.1	22.0	0	22.8	21.6	21.6	21.8	21.7	0	22.5
		36	0	21.8	21.9	22.1	22.1	0	22.8	21.6	21.7	21.8	21.8	0	22.5
		36	20	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.8	0	22.5
		36	39	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.8	0	22.5
		75	0	21.9	22.0	22.2	22.1	0	22.8	21.6	21.8	21.9	21.8	0	22.5
	64QAM	1	0	21.7	21.7	22.0	22.0	0	22.8	21.5	21.5	21.7	21.7	0	22.5
		1	37	21.8	21.9	22.1	22.0	0	22.8	21.5	21.6	21.8	21.7	0	22.5
		1	74	21.7	21.8	22.1	22.0	0	22.8	21.4	21.6	21.8	21.7	0	22.5
		36	0	21.8	21.9	22.1	22.1	0	22.8	21.5	21.6	21.8	21.8	0	22.5
		36	20	21.9	22.0	22.2	22.1	0	22.8	21.6	21.7	21.9	21.8	0	22.5
		36	39	21.8	22.0	22.2	22.1	0	22.8	21.6	21.7	21.9	21.8	0	22.5
		75	0	21.9	22.0	22.2	22.1	0	22.8	21.6	21.7	21.9	21.9	0	22.5
	256QAM	1	0	19.9	20.0	20.2	20.2	1.8	21.0	19.9	20.0	20.3	20.2	1.5	21.0
		1	37	20.0	20.2	20.3	20.3	1.8	21.0	20.1	20.1	20.4	20.2	1.5	21.0
		1	74	20.1	20.2	20.4	20.3	1.8	21.0	20.1	20.2	20.5	20.3	1.5	21.0
		36	0	20.0	20.1	20.3	20.3	1.8	21.0	20.0	20.2	20.3	20.3	1.5	21.0
		36	20	20.1	20.2	20.4	20.3	1.8	21.0	20.1	20.2	20.4	20.4	1.5	21.0
		36	39	20.1	20.2	20.4	20.3	1.8	21.0	20.1	20.2	20.4	20.3	1.5	21.0
		75	0	20.1	20.2	20.4	20.3	1.8	21.0	20.1	20.2	20.4	20.4	1.5	21.0

LTE Band 48 Measured Results (ANT8) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	22.0	22.1	22.3	22.3	0	22.8	21.8	21.8	22.0	22.0	0	22.5
		1	25	22.0	22.2	22.4	22.3	0	22.8	21.8	21.9	22.1	22.0	0	22.5
		1	49	22.0	22.1	22.3	22.2	0	22.8	21.7	21.9	22.0	22.0	0	22.5
		25	0	21.9	22.1	22.3	22.2	0	22.8	21.7	21.9	22.0	21.9	0	22.5
		25	12	22.0	22.1	22.3	22.2	0	22.8	21.8	21.9	22.0	22.0	0	22.5
		25	25	22.0	22.1	22.4	22.3	0	22.8	21.7	21.9	22.0	22.0	0	22.5
		50	0	22.0	22.1	22.3	22.2	0	22.8	21.7	21.9	21.9	21.9	0	22.5
	16QAM	1	0	22.0	22.1	22.2	22.1	0	22.8	21.8	21.7	22.0	21.9	0	22.5
		1	25	22.0	22.2	22.3	22.2	0	22.8	21.8	21.7	22.1	21.9	0	22.5
		1	49	22.0	22.1	22.2	22.2	0	22.8	21.7	21.7	22.0	21.9	0	22.5
		25	0	22.0	22.1	22.3	22.2	0	22.8	21.7	21.9	22.0	22.0	0	22.5
		25	12	22.0	22.2	22.3	22.2	0	22.8	21.8	21.9	22.0	22.0	0	22.5
		25	25	22.0	22.2	22.4	22.3	0	22.8	21.8	21.9	22.1	22.0	0	22.5
		50	0	22.0	22.1	22.3	22.2	0	22.8	21.7	21.9	22.0	21.9	0	22.5
	64QAM	1	0	22.0	22.0	22.2	22.2	0	22.8	21.7	21.8	21.9	21.9	0	22.5
		1	25	22.0	22.1	22.3	22.2	0	22.8	21.7	21.9	22.0	21.9	0	22.5
		1	49	21.9	22.1	22.3	22.2	0	22.8	21.7	21.8	21.9	21.8	0	22.5
		25	0	21.9	22.1	22.3	22.2	0	22.8	21.7	21.8	22.0	21.9	0	22.5
		25	12	22.0	22.2	22.3	22.2	0	22.8	21.8	21.9	22.0	22.0	0	22.5
		25	25	22.0	22.1	22.3	22.3	0	22.8	21.8	21.8	22.1	22.0	0	22.5
		50	0	22.0	22.1	22.3	22.2	0	22.8	21.8	21.8	22.0	21.9	0	22.5
	256QAM	1	0	20.0	20.2	20.4	20.3	1.8	21.0	20.1	20.2	20.4	20.4	1.5	21.0
		1	25	20.2	20.3	20.6	20.5	1.8	21.0	20.2	20.3	20.5	20.5	1.5	21.0
		1	49	20.1	20.2	20.5	20.4	1.8	21.0	20.1	20.2	20.5	20.4	1.5	21.0
		25	0	20.1	20.3	20.5	20.4	1.8	21.0	20.2	20.3	20.5	20.5	1.5	21.0
		25	12	20.2	20.4	20.5	20.4	1.8	21.0	20.3	20.4	20.5	20.5	1.5	21.0
		25	25	20.2	20.4	20.6	20.5	1.8	21.0	20.3	20.4	20.6	20.5	1.5	21.0
		50	0	20.2	20.3	20.5	20.4	1.8	21.0	20.3	20.3	20.5	20.5	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5	QPSK	1	0	22.0	22.1	22.3	22.2	0	22.8	21.7	21.8	22.0	22.0	0	22.5
		1	12	22.0	22.2	22.4	22.3	0	22.8	21.8	21.9	22.2	22.0	0	22.5
		1	24	22.0	22.2	22.4	22.3	0	22.8	21.7	21.8	22.1	22.0	0	22.5
		12	0	22.0	22.1	22.3	22.3	0	22.8	21.7	21.8	22.0	22.0	0	22.5
		12	7	22.0	22.2	22.4	22.3	0	22.8	21.7	21.8	22.1	22.0	0	22.5
		12	13	22.0	22.1	22.3	22.3	0	22.8	21.7	21.8	22.1	22.0	0	22.5
		25	0	21.9	22.1	22.3	22.2	0	22.8	21.7	21.8	22.0	22.0	0	22.5
	16QAM	1	0	21.9	22.1	22.2	22.2	0	22.8	21.7	21.7	22.1	21.9	0	22.5
		1	12	22.0	22.2	22.4	22.3	0	22.8	21.7	21.9	22.2	22.0	0	22.5
		1	24	21.9	22.1	22.3	22.2	0	22.8	21.7	21.8	22.1	22.0	0	22.5
		12	0	22.0	22.1	22.2	22.3	0	22.8	21.8	21.8	21.9	21.9	0	22.5
		12	7	22.0	22.2	22.3	22.3	0	22.8	21.8	21.9	22.0	21.9	0	22.5
		12	13	22.0	22.2	22.3	22.3	0	22.8	21.8	21.8	22.0	21.9	0	22.5
		25	0	22.0	22.2	22.3	22.2	0	22.8	21.7	21.9	22.0	22.0	0	22.5
	64QAM	1	0	21.9	22.0	22.2	22.3	0	22.8	21.7	21.7	21.9	22.0	0	22.5
		1	12	22.0	22.1	22.3	22.2	0	22.8	21.8	21.8	22.0	22.0	0	22.5
		1	24	22.0	22.0	22.3	22.1	0	22.8	21.8	21.7	21.9	22.0	0	22.5
		12	0	22.0	22.1	22.2	22.3	0	22.8	21.7	21.8	21.9	22.0	0	22.5
		12	7	22.0	22.1	22.3	22.2	0	22.8	21.8	21.8	22.1	22.0	0	22.5
		12	13	22.0	22.1	22.3	22.2	0	22.8	21.8	21.8	22.0	22.0	0	22.5
		25	0	22.0	22.1	22.2	22.3	0	22.8	21.7	21.8	21.9	22.0	0	22.5
	256QAM	1	0	20.0	20.2	20.4	20.4	1.8	21.0	20.1	20.2	20.4	20.5	1.5	21.0
		1	12	20.2	20.4	20.6	20.5	1.8	21.0	20.3	20.3	20.6	20.6	1.5	21.0
		1	24	20.1	20.3	20.5	20.4	1.8	21.0	20.2	20.2	20.5	20.4	1.5	21.0
		12	0	20.2	20.3	20.4	20.5	1.8	21.0	20.2	20.3	20.5	20.5	1.5	21.0
		12	7	20.2	20.3	20.6	20.4	1.8	21.0	20.3	20.3	20.6	20.5	1.5	21.0
		12	13	20.2	20.3	20.5	20.5	1.8	21.0	20.2	20.3	20.6	20.5	1.5	21.0
		25	0	20.2	20.3	20.4	20.4	1.8	21.0	20.3	20.3	20.4	20.5	1.5	21.0

LTE Band 48 Measured Results (ANT9)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	24.4	24.5	24.4	24.7	0	25.3	22.2	22.1	22.2	22.0	0	22.8
		1	49	24.6	24.7	24.7	24.9	0	25.3	22.2	22.2	22.3	22.4	0	22.8
		1	99	24.3	24.6	24.4	24.7	0	25.3	22.3	22.1	22.2	22.0	0	22.8
		50	0	24.3	24.4	24.3	24.5	0.3	25.0	22.3	22.2	22.2	22.1	0	22.8
		50	24	24.4	24.5	24.5	24.6	0.3	25.0	22.1	22.2	22.2	22.4	0	22.8
		50	50	24.3	24.4	24.3	24.6	0.3	25.0	22.3	22.2	22.3	22.1	0	22.8
		100	0	24.4	24.5	24.5	24.5	0.3	25.0	22.2	22.2	22.3	22.3	0	22.8
	16QAM	1	0	24.2	24.4	24.2	24.7	0.3	25.0	22.3	22.2	22.2	22.1	0	22.8
		1	49	24.2	24.5	24.3	24.8	0.3	25.0	22.4	22.3	22.4	22.3	0	22.8
		1	99	24.2	24.5	24.3	24.6	0.3	25.0	22.2	22.3	22.3	22.1	0	22.8
		50	0	23.3	23.4	23.3	23.5	1.3	24.0	22.3	22.2	22.2	22.1	0	22.8
		50	24	23.3	23.5	23.4	23.6	1.3	24.0	22.4	22.2	22.4	22.1	0	22.8
		50	50	23.3	23.5	23.4	23.6	1.3	24.0	22.4	22.2	22.4	22.1	0	22.8
		100	0	23.3	23.4	23.4	23.5	1.3	24.0	22.3	22.2	22.3	22.1	0	22.8
	64QAM	1	0	23.2	23.2	23.2	23.5	1.3	24.0	22.3	21.9	22.3	21.9	0	22.8
		1	49	23.4	23.3	23.3	23.6	1.3	24.0	22.3	22.1	22.3	22.0	0	22.8
		1	99	23.2	23.4	23.3	23.5	1.3	24.0	22.2	22.1	22.2	21.9	0	22.8
		50	0	22.3	22.4	22.3	22.6	2.3	23.0	22.3	22.1	22.2	22.1	0	22.8
		50	24	22.3	22.5	22.4	22.7	2.3	23.0	22.4	22.2	22.4	22.1	0	22.8
		50	50	22.3	22.5	22.4	22.6	2.3	23.0	22.4	22.2	22.4	22.1	0	22.8
		100	0	22.3	22.5	22.3	22.5	2.3	23.0	22.3	22.2	22.3	22.1	0	22.8
	256QAM	1	0	20.2	20.4	20.2	20.6	4.3	21.0	20.6	20.4	20.5	20.2	1.8	21.0
		1	49	20.3	20.4	20.2	20.6	4.3	21.0	20.6	20.4	20.5	20.3	1.8	21.0
		1	99	20.3	20.5	20.4	20.6	4.3	21.0	20.6	20.5	20.5	20.3	1.8	21.0
		50	0	20.3	20.4	20.3	20.6	4.3	21.0	20.5	20.3	20.4	20.3	1.8	21.0
		50	24	20.3	20.5	20.4	20.6	4.3	21.0	20.6	20.4	20.5	20.3	1.8	21.0
		50	50	20.3	20.5	20.4	20.6	4.3	21.0	20.5	20.4	20.5	20.3	1.8	21.0
		100	0	20.3	20.4	20.4	20.5	4.3	21.0	20.5	20.3	20.5	20.3	1.8	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	24.5	24.5	24.4	24.7	0	25.3	22.2	22.0	22.1	22.0	0	22.8
		1	37	24.4	24.6	24.5	24.7	0	25.3	22.3	22.1	22.1	22.0	0	22.8
		1	74	24.4	24.5	24.5	24.7	0	25.3	22.3	22.1	22.1	22.0	0	22.8
		36	0	24.3	24.4	24.3	24.5	0.3	25.0	22.3	22.1	22.1	22.1	0	22.8
		36	20	24.3	24.4	24.3	24.5	0.3	25.0	22.3	22.1	22.1	22.1	0	22.8
		36	39	24.3	24.4	24.3	24.6	0.3	25.0	22.3	22.1	22.1	22.0	0	22.8
		75	0	24.3	24.4	24.4	24.5	0.3	25.0	22.3	22.2	22.1	22.1	0	22.8
	16QAM	1	0	24.2	24.2	24.2	24.4	0.3	25.0	22.3	21.9	21.8	21.9	0	22.8
		1	37	24.2	24.2	24.3	24.4	0.3	25.0	22.3	22.0	21.9	22.0	0	22.8
		1	74	24.1	24.2	24.2	24.3	0.3	25.0	22.2	22.0	21.9	21.8	0	22.8
		36	0	23.3	23.4	23.3	23.5	1.3	24.0	22.3	22.1	22.1	22.1	0	22.8
		36	20	23.3	23.4	23.4	23.5	1.3	24.0	22.3	22.1	22.1	22.1	0	22.8
		36	39	23.3	23.4	23.4	23.6	1.3	24.0	22.4	22.2	22.2	22.0	0	22.8
		75	0	23.3	23.4	23.4	23.5	1.3	24.0	22.3	22.2	22.1	22.1	0	22.8
	64QAM	1	0	23.1	23.3	23.1	23.5	1.3	24.0	22.2	22.0	21.9	21.9	0	22.8
		1	37	23.2	23.3	23.2	23.5	1.3	24.0	22.2	22.0	22.0	22.0	0	22.8
		1	74	23.1	23.3	23.2	23.5	1.3	24.0	22.1	22.0	22.0	21.9	0	22.8
		36	0	22.3	22.4	22.3	22.6	2.3	23.0	22.3	22.1	22.1	22.1	0	22.8
		36	20	22.3	22.4	22.3	22.6	2.3	23.0	22.3	22.2	22.1	22.1	0	22.8
		36	39	22.3	22.4	22.4	22.6	2.3	23.0	22.4	22.2	22.1	22.0	0	22.8
		75	0	22.3	22.4	22.4	22.6	2.3	23.0	22.3	22.2	22.1	22.0	0	22.8
	256QAM	1	0	20.2	20.3	20.1	20.5	4.3	21.0	20.4	20.2	20.2	20.2	1.8	21.0
		1	37	20.3	20.3	20.2	20.6	4.3	21.0	20.5	20.3	20.2	20.2	1.8	21.0
		1	74	20.3	20.4	20.4	20.6	4.3	21.0	20.5	20.4	20.4	20.2	1.8	21.0
		36	0	20.3	20.4	20.4	20.6	4.3	21.0	20.5	20.3	20.3	20.2	1.8	21.0
		36	20	20.3	20.4	20.4	20.6	4.3	21.0	20.5	20.3	20.3	20.3	1.8	21.0
		36	39	20.2	20.4	20.4	20.6	4.3	21.0	20.6	20.4	20.3	20.2	1.8	21.0
		75	0	20.3	20.4	20.4	20.6	4.3	21.0	20.5	20.3	20.3	20.2	1.8	21.0

LTE Band 48 Measured Results (ANT9) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	24.6	24.7	24.6	24.9	0	25.3	22.5	22.2	22.2	22.2	0	22.8
		1	25	24.6	24.7	24.7	24.9	0	25.3	22.5	22.3	22.3	22.2	0	22.8
		1	49	24.6	24.7	24.6	24.9	0	25.3	22.5	22.3	22.2	22.1	0	22.8
		25	0	24.4	24.5	24.4	24.6	0.3	25.0	22.4	22.2	22.2	22.2	0	22.8
		25	12	24.4	24.6	24.5	24.6	0.3	25.0	22.4	22.3	22.3	22.2	0	22.8
		25	25	24.4	24.5	24.4	24.7	0.3	25.0	22.5	22.3	22.2	22.1	0	22.8
		50	0	24.4	24.5	24.4	24.6	0.3	25.0	22.4	22.2	22.2	22.1	0	22.8
	16QAM	1	0	24.4	24.4	24.4	24.6	0.3	25.0	22.5	22.1	22.1	22.1	0	22.8
		1	25	24.5	24.3	24.5	24.6	0.3	25.0	22.5	22.2	22.2	22.0	0	22.8
		1	49	24.4	24.4	24.5	24.5	0.3	25.0	22.5	22.2	22.1	22.0	0	22.8
		25	0	23.4	23.5	23.5	23.6	1.3	24.0	22.4	22.3	22.3	22.2	0	22.8
		25	12	23.5	23.6	23.5	23.7	1.3	24.0	22.4	22.3	22.3	22.2	0	22.8
		25	25	23.5	23.5	23.5	23.7	1.3	24.0	22.5	22.3	22.3	22.2	0	22.8
		50	0	23.4	23.5	23.5	23.6	1.3	24.0	22.4	22.3	22.3	22.2	0	22.8
	64QAM	1	0	23.3	23.4	23.3	23.5	1.3	24.0	22.4	22.2	22.2	22.1	0	22.8
		1	25	23.3	23.5	23.3	23.6	1.3	24.0	22.4	22.2	22.2	22.2	0	22.8
		1	49	23.3	23.5	23.3	23.6	1.3	24.0	22.4	22.2	22.2	22.1	0	22.8
		25	0	22.4	22.6	22.3	22.7	2.3	23.0	22.4	22.2	22.3	22.2	0	22.8
		25	12	22.4	22.6	22.4	22.7	2.3	23.0	22.5	22.3	22.3	22.2	0	22.8
		25	25	22.4	22.6	22.4	22.7	2.3	23.0	22.5	22.3	22.3	22.2	0	22.8
		50	0	22.4	22.6	22.3	22.6	2.3	23.0	22.4	22.3	22.3	22.2	0	22.8
	256QAM	1	0	20.3	20.4	20.3	20.6	4.3	21.0	20.5	20.3	20.5	20.3	1.8	21.0
		1	25	20.3	20.5	20.4	20.7	4.3	21.0	20.7	20.4	20.5	20.3	1.8	21.0
		1	49	20.2	20.5	20.3	20.7	4.3	21.0	20.5	20.4	20.4	20.2	1.8	21.0
		25	0	20.4	20.5	20.3	20.7	4.3	21.0	20.5	20.4	20.5	20.4	1.8	21.0
		25	12	20.4	20.6	20.3	20.7	4.3	21.0	20.6	20.5	20.5	20.4	1.8	21.0
		25	25	20.4	20.6	20.4	20.7	4.3	21.0	20.6	20.5	20.5	20.4	1.8	21.0
		50	0	20.4	20.5	20.3	20.6	4.3	21.0	20.6	20.4	20.5	20.4	1.8	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5	QPSK	1	0	24.2	24.4	24.3	24.2	0	25.3	22.0	22.0	22.1	21.9	0	22.8
		1	12	24.4	24.5	24.5	24.4	0	25.3	22.0	22.1	22.1	22.0	0	22.8
		1	24	24.5	24.5	24.6	24.5	0	25.3	22.1	22.2	22.2	22.1	0	22.8
		12	0	24.4	24.5	24.5	24.4	0.3	25.0	22.0	22.1	22.0	22.0	0	22.8
		12	7	24.4	24.5	24.5	24.5	0.3	25.0	22.0	22.1	22.1	22.0	0	22.8
		12	13	24.4	24.5	24.5	24.5	0.3	25.0	22.0	22.1	22.1	22.0	0	22.8
		25	0	24.2	24.3	24.3	24.2	0.3	25.0	22.0	22.1	22.1	22.0	0	22.8
	16QAM	1	0	24.2	24.3	24.2	24.3	0.3	25.0	22.0	22.1	22.1	22.0	0	22.8
		1	12	24.2	24.4	24.3	24.3	0.3	25.0	22.0	22.1	22.1	22.0	0	22.8
		1	24	24.3	24.4	24.4	24.4	0.3	25.0	22.1	22.1	22.2	22.1	0	22.8
		12	0	24.0	24.0	24.0	23.0	1.3	24.0	22.0	22.1	22.0	22.0	0	22.8
		12	7	24.0	24.0	23.9	23.9	1.3	24.0	22.1	22.1	22.0	22.0	0	22.8
		12	13	23.9	23.9	23.9	23.8	1.3	24.0	22.1	22.0	22.0	22.0	0	22.8
		25	0	23.2	23.3	23.3	23.2	1.3	24.0	22.0	22.1	22.1	22.0	0	22.8
	64QAM	1	0	23.0	23.2	23.2	23.0	1.3	24.0	22.0	21.9	22.0	22.0	0	22.8
		1	12	23.0	23.2	23.2	23.0	1.3	24.0	22.1	21.9	22.1	22.0	0	22.8
		1	24	23.1	23.3	23.3	23.1	1.3	24.0	22.1	22.0	22.1	22.1	0	22.8
		12	0	22.2	22.3	22.3	22.2	2.3	23.0	22.0	22.0	22.0	22.0	0	22.8
		12	7	23.0	22.2	22.2	23.0	2.3	23.0	22.0	22.1	22.1	22.0	0	22.8
		12	13	22.2	22.3	22.3	22.2	2.3	23.0	22.0	22.1	22.1	22.0	0	22.8
		25	0	22.2	22.3	22.3	22.2	2.3	23.0	22.1	22.1	22.1	22.0	0	22.8
	256QAM	1	0	20.2	20.4	20.2	20.2	4.3	21.0	20.1	20.3	20.2	20.2	1.8	21.0
		1	12	20.2	20.3	20.2	20.2	4.3	21.0	20.1	20.3	20.3	20.2	1.8	21.0
		1	24	20.4	20.4	20.3	20.4	4.3	21.0	20.3	20.4	20.4	20.4	1.8	21.0
		12	0	20.1	20.3	20.2	20.1	4.3	21.0	20.2	20.3	20.2	20.2	1.8	21.0
		12	7	20.2	20.3	20.3	20.2	4.3	21.0	20.3	20.3	20.3	20.2	1.8	21.0
		12	13	20.2	20.3	20.3	20.2	4.3	21.0	20.3	20.3	20.3	20.2	1.8	21.0
		25	0	20.2	20.3	20.3	20.2	4.3	21.0	20.3	20.3	20.3	20.2	1.8	21.0

LTE Band 48 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	22.4	22.6	22.6	22.5	0	23.8	20.2	20.4	20.4	20.2	0	21.5
		1	49	22.5	22.6	22.6	22.5	0	23.8	20.4	20.4	20.5	20.2	0	21.5
		1	99	22.4	22.6	22.5	22.4	0	23.8	20.3	20.4	20.4	20.2	0	21.5
		50	0	22.0	22.1	22.1	22.0	0	23.8	20.3	20.4	20.4	20.3	0	21.5
		50	24	22.1	22.1	22.1	22.3	0	23.8	20.5	20.4	20.4	20.3	0	21.5
		50	50	22.0	22.1	22.0	22.1	0	23.8	20.4	20.4	20.4	20.3	0	21.5
		100	0	22.1	22.1	22.1	22.1	0	23.8	20.4	20.4	20.4	20.2	0	21.5
	16QAM	1	0	22.0	22.1	22.1	22.0	0	23.8	20.2	20.4	20.4	20.3	0	21.5
		1	49	22.1	22.3	22.2	22.1	0	23.8	20.3	20.6	20.5	20.4	0	21.5
		1	99	22.0	22.1	22.1	21.9	0	23.8	20.3	20.4	20.4	20.3	0	21.5
		50	0	21.7	21.9	21.8	21.7	0.6	23.2	20.4	20.5	20.4	20.3	0	21.5
		50	24	21.8	21.9	21.8	21.7	0.6	23.2	20.4	20.5	20.4	20.3	0	21.5
		50	50	21.8	21.9	21.9	21.8	0.6	23.2	20.4	20.5	20.5	20.4	0	21.5
		100	0	21.7	21.9	21.8	21.7	0.6	23.2	20.4	20.5	20.4	20.3	0	21.5
	64QAM	1	0	21.6	21.7	21.8	21.7	0.6	23.2	20.2	20.3	20.4	20.2	0	21.5
		1	49	21.7	21.8	21.8	21.8	0.6	23.2	20.2	20.4	20.4	20.2	0	21.5
		1	99	21.7	21.7	21.8	21.6	0.6	23.2	20.2	20.4	20.3	20.1	0	21.5
		50	0	20.7	20.8	20.8	20.7	1.6	22.2	20.0	20.2	20.1	20.0	0	21.5
		50	24	20.8	20.9	20.8	20.7	1.6	22.2	20.1	20.2	20.1	20.0	0	21.5
		50	50	20.8	20.9	20.9	20.8	1.6	22.2	20.1	20.2	20.2	20.0	0	21.5
		100	0	20.7	20.9	20.8	20.7	1.6	22.2	20.1	20.2	20.1	20.0	0	21.5
	256QAM	1	0	18.7	18.8	18.9	18.8	3.6	20.2	18.7	18.8	18.9	18.7	1.3	20.2
		1	49	18.8	18.8	18.9	18.7	3.6	20.2	18.7	18.8	18.9	18.8	1.3	20.2
		1	99	18.8	18.9	18.9	18.7	3.6	20.2	18.8	18.9	18.9	18.7	1.3	20.2
		50	0	18.7	18.9	18.8	18.7	3.6	20.2	18.7	18.9	18.8	18.7	1.3	20.2
		50	24	18.7	18.9	18.8	18.7	3.6	20.2	18.8	18.9	18.8	18.7	1.3	20.2
		50	50	18.7	18.9	18.9	18.7	3.6	20.2	18.8	18.9	18.9	18.7	1.3	20.2
		100	0	18.7	18.9	18.8	18.7	3.6	20.2	18.7	18.9	18.8	18.7	1.3	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	22.4	22.5	22.6	22.5	0	23.8	20.2	20.4	20.4	20.3	0	21.5
		1	37	22.5	22.6	22.7	22.5	0	23.8	20.3	20.5	20.5	20.3	0	21.5
		1	74	22.5	22.6	22.6	22.4	0	23.8	20.3	20.4	20.4	20.3	0	21.5
		36	0	22.0	22.2	22.1	22.0	0	23.8	20.3	20.5	20.4	20.3	0	21.5
		36	20	22.1	22.2	22.1	22.1	0	23.8	20.3	20.5	20.4	20.4	0	21.5
		36	39	22.0	22.2	22.2	22.1	0	23.8	20.3	20.5	20.5	20.3	0	21.5
		75	0	22.1	22.2	22.2	22.1	0	23.8	20.4	20.5	20.5	20.4	0	21.5
	16QAM	1	0	21.9	22.0	22.1	21.9	0	23.8	20.2	20.2	20.4	20.2	0	21.5
		1	37	22.0	22.1	22.2	21.9	0	23.8	20.3	20.3	20.4	20.2	0	21.5
		1	74	22.0	22.0	22.1	21.8	0	23.8	20.2	20.3	20.4	20.2	0	21.5
		36	0	21.7	21.9	21.8	21.7	0.6	23.2	20.3	20.5	20.4	20.3	0	21.5
		36	20	21.7	21.9	21.8	21.8	0.6	23.2	20.4	20.5	20.4	20.4	0	21.5
		36	39	21.7	21.9	21.9	21.8	0.6	23.2	20.4	20.5	20.5	20.3	0	21.5
		75	0	21.8	21.9	21.8	21.8	0.6	23.2	20.4	20.5	20.4	20.4	0	21.5
	64QAM	1	0	21.6	21.7	21.7	21.6	0.6	23.2	20.1	20.4	20.2	20.0	0	21.5
		1	37	21.7	21.8	21.8	21.7	0.6	23.2	20.1	20.4	20.3	20.3	0	21.5
		1	74	21.7	21.7	21.7	21.6	0.6	23.2	20.1	20.3	20.3	20.1	0	21.5
		36	0	20.8	20.9	20.8	20.7	1.6	22.2	20.1	20.1	20.1	20.0	0	21.5
		36	20	20.8	20.9	20.8	20.8	1.6	22.2	20.0	20.1	20.1	20.1	0	21.5
		36	39	20.8	20.9	20.9	20.8	1.6	22.2	20.0	20.2	20.2	20.1	0	21.5
		75	0	20.8	20.9	20.8	20.8	1.6	22.2	20.1	20.2	20.1	20.1	0	21.5
	256QAM	1	0	18.6	18.7	18.7	18.7	3.6	20.2	18.7	18.7	18.7	18.6	1.3	20.2
		1	37	18.7	18.8	18.8	18.7	3.6	20.2	18.8	18.8	18.8	18.7	1.3	20.2
		1	74	18.7	18.9	18.9	18.8	3.6	20.2	18.8	18.8	18.8	18.7	1.3	20.2
		36	0	18.7	18.8	18.9	18.7	3.6	20.2	18.7	18.8	18.8	18.7	1.3	20.2
		36	20	18.7	18.9	18.9	18.8	3.6	20.2	18.8	18.9	18.8	18.8	1.3	20.2
		36	39	18.7	18.9	18.9	18.7	3.6	20.2	18.8	18.9	18.9	18.7	1.3	20.2
		75	0	18.8	18.9	18.8	18.8	3.6	20.2	18.7	18.9	18.8	18.8	1.3	20.2

LTE Band 48 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	22.7	22.8	22.8	22.7	0	23.8	20.4	20.6	20.6	20.5	0	21.5
		1	25	22.7	22.9	22.9	22.8	0	23.8	20.5	20.7	20.7	20.5	0	21.5
		1	49	22.7	22.9	22.8	22.7	0	23.8	20.5	20.6	20.6	20.5	0	21.5
		25	0	22.1	22.3	22.2	22.1	0	23.8	20.5	20.6	20.6	20.4	0	21.5
		25	12	22.2	22.4	22.2	22.1	0	23.8	20.5	20.7	20.6	20.5	0	21.5
		25	25	22.1	22.3	22.3	22.2	0	23.8	20.5	20.6	20.6	20.5	0	21.5
		50	0	22.1	22.3	22.2	22.1	0	23.8	20.5	20.6	20.5	20.4	0	21.5
	16QAM	1	0	22.1	22.2	22.3	22.1	0	23.8	20.5	20.7	20.6	20.3	0	21.5
		1	25	22.2	22.2	22.3	22.1	0	23.8	20.5	20.7	20.7	20.5	0	21.5
		1	49	22.1	22.2	22.3	22.0	0	23.8	20.5	20.6	20.7	20.4	0	21.5
		25	0	21.9	22.0	21.9	21.9	0.6	23.2	20.5	20.7	20.6	20.4	0	21.5
		25	12	21.9	22.0	22.0	21.9	0.6	23.2	20.5	20.7	20.6	20.5	0	21.5
		25	25	21.9	22.0	22.0	21.9	0.6	23.2	20.5	20.7	20.6	20.5	0	21.5
		50	0	21.8	22.0	21.9	21.8	0.6	23.2	20.5	20.6	20.5	20.4	0	21.5
	64QAM	1	0	21.8	21.9	21.9	21.9	0.6	23.2	20.3	20.3	20.5	20.5	0	21.5
		1	25	21.8	22.0	21.9	21.9	0.6	23.2	20.6	20.3	20.6	20.5	0	21.5
		1	49	21.8	22.0	21.9	21.8	0.6	23.2	20.5	20.4	20.5	20.5	0	21.5
		25	0	20.9	21.0	21.0	20.8	1.6	22.2	20.2	20.3	20.3	20.1	0	21.5
		25	12	20.9	21.1	21.0	20.8	1.6	22.2	20.2	20.4	20.3	20.2	0	21.5
		25	25	20.9	21.1	21.0	20.9	1.6	22.2	20.2	20.3	20.3	20.2	0	21.5
		50	0	20.9	21.1	20.9	20.8	1.6	22.2	20.2	20.3	20.2	20.1	0	21.5
	256QAM	1	0	18.8	19.0	18.9	18.8	3.6	20.2	18.8	18.9	18.9	18.8	1.3	20.2
		1	25	18.9	19.1	19.0	18.9	3.6	20.2	18.8	19.1	19.0	18.9	1.3	20.2
		1	49	18.8	19.1	18.9	18.8	3.6	20.2	18.8	19.0	18.9	18.8	1.3	20.2
		25	0	18.9	19.1	19.0	18.8	3.6	20.2	18.9	19.1	19.0	18.9	1.3	20.2
		25	12	18.9	19.1	19.0	18.9	3.6	20.2	18.9	19.1	19.0	18.9	1.3	20.2
		25	25	18.9	19.1	19.0	18.9	3.6	20.2	18.9	19.1	19.0	18.9	1.3	20.2
		50	0	18.9	19.1	19.0	18.8	3.6	20.2	18.9	19.1	19.0	18.8	1.3	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5	QPSK	1	0	22.7	22.8	22.8	22.6	0	23.8	20.4	20.6	20.5	20.5	0	21.5
		1	12	22.7	22.9	22.8	22.7	0	23.8	20.5	20.7	20.4	20.6	0	21.5
		1	24	22.7	22.8	22.8	22.7	0	23.8	20.4	20.6	20.5	20.5	0	21.5
		12	0	22.1	22.3	22.3	22.1	0	23.8	20.4	20.6	20.4	20.5	0	21.5
		12	7	22.2	22.3	22.3	22.2	0	23.8	20.4	20.7	20.4	20.5	0	21.5
		12	13	22.1	22.3	22.3	22.2	0	23.8	20.4	20.6	20.4	20.5	0	21.5
		25	0	22.1	22.3	22.3	22.1	0	23.8	20.4	20.6	20.4	20.5	0	21.5
	16QAM	1	0	22.1	22.2	22.2	22.1	0	23.8	20.4	20.6	20.5	20.4	0	21.5
		1	12	22.2	22.3	22.3	22.1	0	23.8	20.4	20.7	20.5	20.5	0	21.5
		1	24	22.1	22.2	22.2	22.1	0	23.8	20.3	20.5	20.5	20.4	0	21.5
		12	0	21.9	22.0	22.0	21.8	0.6	23.2	20.4	20.6	20.3	20.5	0	21.5
		12	7	21.9	22.1	22.0	21.9	0.6	23.2	20.4	20.6	20.3	20.5	0	21.5
		12	13	21.9	22.0	22.0	21.8	0.6	23.2	20.4	20.6	20.3	20.5	0	21.5
		25	0	21.9	22.0	22.0	21.9	0.6	23.2	20.5	20.6	20.4	20.5	0	21.5
	64QAM	1	0	21.9	22.1	21.9	21.9	0.6	23.2	20.3	20.5	20.4	20.3	0	21.5
		1	12	21.9	22.1	21.9	22.0	0.6	23.2	20.4	20.6	20.4	20.4	0	21.5
		1	24	21.8	22.1	21.8	21.8	0.6	23.2	20.4	20.6	20.5	20.3	0	21.5
		12	0	20.9	21.0	21.0	20.8	1.6	22.2	20.1	20.3	20.4	20.2	0	21.5
		12	7	20.9	21.1	21.0	20.9	1.6	22.2	20.2	20.3	20.4	20.2	0	21.5
		12	13	20.9	21.1	21.0	20.9	1.6	22.2	20.1	20.3	20.4	20.2	0	21.5
		25	0	20.9	21.0	21.0	20.9	1.6	22.2	20.2	20.3	20.1	20.2	0	21.5
	256QAM	1	0	18.9	19.0	19.0	18.9	3.6	20.2	18.8	18.9	18.8	18.9	1.3	20.2
		1	12	19.0	19.1	19.0	18.9	3.6	20.2	18.9	19.0	18.8	18.9	1.3	20.2
		1	24	18.9	19.1	19.0	18.8	3.6	20.2	18.9	18.9	18.9	18.9	1.3	20.2
		12	0	18.9	19.0	19.0	18.9	3.6	20.2	18.8	19.0	18.8	18.9	1.3	20.2
		12	7	18.9	19.1	19.0	18.9	3.6	20.2	18.9	19.0	18.8	18.9	1.3	20.2
		12	13	18.9	19.1	19.0	18.9	3.6	20.2	18.8	19.0	18.8	18.9	1.3	20.2
		25	0	18.9	19.0	19.0	18.9	3.6	20.2	18.9	19.0	18.8	18.9	1.3	20.2

LTE Band 53 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
10	QPSK	1	0	20.4	0	20.7	20.4	0	20.7
		1	25	20.5	0	20.7	20.5	0	20.7
		1	49	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.5	0	20.7	20.5	0	20.7
		25	25	20.5	0	20.7	20.5	0	20.7
		50	0	20.4	0	20.7	20.4	0	20.7
	16QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	25	20.4	0	20.7	20.4	0	20.7
		1	49	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.6	0	20.7	20.6	0	20.7
		25	25	20.6	0	20.7	20.6	0	20.7
		50	0	20.4	0	20.7	20.4	0	20.7
	64QAM	1	0	20.4	0	20.7	19.7	0	20.7
		1	25	20.5	0	20.7	19.8	0	20.7
		1	49	20.5	0	20.7	19.8	0	20.7
		25	0	20.5	0	20.7	19.7	0	20.7
		25	12	20.6	0	20.7	19.8	0	20.7
		25	25	20.4	0	20.7	19.7	0	20.7
		50	0	20.5	0	20.7	19.8	0	20.7
	256QAM	1	0	20.3	0	20.7	19.5	0	20.7
		1	25	20.4	0	20.7	19.6	0	20.7
		1	49	20.4	0	20.7	19.6	0	20.7
		25	0	20.5	0	20.7	19.7	0	20.7
		25	12	20.5	0	20.7	19.7	0	20.7
		25	25	20.4	0	20.7	19.6	0	20.7
		50	0	20.5	0	20.7	19.7	0	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
5	QPSK	1	0	20.4	0	20.7	20.4	0	20.7
		1	12	20.5	0	20.7	20.5	0	20.7
		1	24	20.5	0	20.7	20.5	0	20.7
		12	0	20.5	0	20.7	20.5	0	20.7
		12	7	20.6	0	20.7	20.6	0	20.7
		12	13	20.6	0	20.7	20.6	0	20.7
		25	0	20.6	0	20.7	20.6	0	20.7
	16QAM	1	0	20.5	0	20.7	20.5	0	20.7
		1	12	20.6	0	20.7	20.6	0	20.7
		1	24	20.6	0	20.7	20.6	0	20.7
		12	0	20.5	0	20.7	20.5	0	20.7
		12	7	20.6	0	20.7	20.6	0	20.7
		12	13	20.6	0	20.7	20.6	0	20.7
		25	0	20.6	0	20.7	20.6	0	20.7
	64QAM	1	0	20.4	0	20.7	19.7	0	20.7
		1	12	20.4	0	20.7	19.8	0	20.7
		1	24	20.4	0	20.7	19.8	0	20.7
		12	0	20.4	0	20.7	19.7	0	20.7
		12	7	20.3	0	20.7	19.7	0	20.7
		12	13	20.3	0	20.7	19.7	0	20.7
		25	0	20.4	0	20.7	19.7	0	20.7
	256QAM	1	0	20.2	0	20.7	19.7	0	20.7
		1	12	20.3	0	20.7	19.8	0	20.7
		1	24	20.2	0	20.7	19.7	0	20.7
		12	0	20.4	0	20.7	19.7	0	20.7
		12	7	20.3	0	20.7	19.7	0	20.7
		12	13	20.3	0	20.7	19.7	0	20.7
		25	0	20.4	0	20.7	19.7	0	20.7

LTE Band 53 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60155	60197	60240	MPR	Max Output Pwr	60155	60197	60240	MPR	Max Output Pwr
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	20.2	20.3	20.3	0	20.7	20.2	20.3	20.3	0	20.7
		1	8	20.4	20.5	20.6	0	20.7	20.4	20.5	20.6	0	20.7
		1	14	20.3	20.4	20.3	0	20.7	20.3	20.4	20.3	0	20.7
		8	0	20.3	20.4	20.5	0	20.7	20.3	20.4	20.5	0	20.7
		8	4	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		8	7	20.5	20.5	20.5	0	20.7	20.5	20.5	20.5	0	20.7
		15	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
	16QAM	1	0	20.4	20.3	20.4	0	20.7	20.4	20.3	20.4	0	20.7
		1	8	20.5	20.4	20.5	0	20.7	20.5	20.4	20.5	0	20.7
		1	14	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		8	0	20.3	20.4	20.5	0	20.7	20.3	20.4	20.5	0	20.7
		8	4	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		8	7	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		15	0	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
	64QAM	1	0	20.5	20.3	20.3	0	20.7	19.6	19.6	19.7	0	20.7
		1	8	20.5	20.4	20.3	0	20.7	19.7	19.7	19.8	0	20.7
		1	14	20.5	20.3	20.2	0	20.7	19.7	19.6	19.8	0	20.7
		8	0	20.5	20.4	20.2	0	20.7	19.6	19.7	19.7	0	20.7
		8	4	20.6	20.3	20.2	0	20.7	19.6	19.6	19.8	0	20.7
		8	7	20.5	20.3	20.3	0	20.7	19.7	19.6	19.7	0	20.7
		15	0	20.4	20.3	20.3	0	20.7	19.6	19.6	19.6	0	20.7
	256QAM	1	0	20.3	20.1	20.2	0	20.7	19.5	19.6	19.5	0	20.7
		1	8	20.3	20.3	20.2	0	20.7	19.7	19.7	19.7	0	20.7
		1	14	20.3	20.2	20.2	0	20.7	19.5	19.6	19.3	0	20.7
		8	0	20.4	20.3	20.2	0	20.7	19.6	19.7	19.7	0	20.7
		8	4	20.4	20.3	20.3	0	20.7	19.7	19.7	19.8	0	20.7
		8	7	20.3	20.3	20.3	0	20.7	19.7	19.7	19.7	0	20.7
		15	0	20.3	20.3	20.2	0	20.7	19.6	19.6	19.6	0	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60147	60197	60248	MPR	Max Output Pwr	60147	60197	60248	MPR	Max Output Pwr
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	20.4	20.4	20.3	0	20.7	20.4	20.4	20.3	0	20.7
		1	3	20.3	20.5	20.4	0	20.7	20.3	20.5	20.4	0	20.7
		1	5	20.2	20.4	20.3	0	20.7	20.2	20.4	20.3	0	20.7
		3	0	20.3	20.5	20.4	0	20.7	20.3	20.5	20.4	0	20.7
		3	1	20.3	20.5	20.5	0	20.7	20.3	20.5	20.5	0	20.7
		3	3	20.3	20.5	20.5	0	20.7	20.3	20.5	20.5	0	20.7
		6	0	20.3	20.5	20.4	0	20.7	20.3	20.5	20.4	0	20.7
	16QAM	1	0	20.3	20.4	20.4	0	20.7	20.3	20.4	20.4	0	20.7
		1	3	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		1	5	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		3	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		3	1	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		3	3	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		6	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
	64QAM	1	0	20.3	20.5	20.4	0	20.7	19.6	19.6	19.8	0	20.7
		1	3	20.5	20.5	20.4	0	20.7	19.5	20.0	19.8	0	20.7
		1	5	20.6	20.4	20.4	0	20.7	19.5	20.0	19.7	0	20.7
		3	0	20.4	20.4	20.4	0	20.7	19.6	19.7	19.9	0	20.7
		3	1	20.4	20.3	20.2	0	20.7	19.6	19.7	19.7	0	20.7
		3	3	20.4	20.4	20.3	0	20.7	19.6	19.7	19.6	0	20.7
		6	0	20.4	20.3	20.4	0	20.7	19.8	19.6	19.6	0	20.7
	256QAM	1	0	20.4	20.5	20.5	0	20.7	19.6	19.7	19.9	0	20.7
		1	3	20.5	20.2	20.5	0	20.7	19.7	19.8	19.7	0	20.7
		1	5	20.2	20.2	20.4	0	20.7	19.6	19.5	19.5	0	20.7
		3	0	20.5	20.4	20.5	0	20.7	19.7	19.5	19.9	0	20.7
		3	1	20.6	20.3	20.6	0	20.7	19.5	19.7	19.8	0	20.7
		3	3	20.5	20.3	20.4	0	20.7	19.7	19.7	19.7	0	20.7
		6	0	20.4	20.3	20.5	0	20.7	19.7	19.6	19.7	0	20.7

LTE Band 53 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
10	QPSK	1	0	17.6	0	18.5	19.7	0	20.5
		1	25	17.7	0	18.5	19.9	0	20.5
		1	49	17.7	0	18.5	19.7	0	20.5
		25	0	17.7	0	18.5	19.6	0	20.5
		25	12	17.7	0	18.5	19.9	0	20.5
		25	25	17.7	0	18.5	19.8	0	20.5
		50	0	17.7	0	18.5	19.9	0	20.5
	16QAM	1	0	17.5	0	18.5	19.6	0	20.5
		1	25	17.6	0	18.5	19.7	0	20.5
		1	49	17.5	0	18.5	19.7	0	20.5
		25	0	17.5	0	18.5	19.6	0	20.5
		25	12	17.5	0	18.5	19.7	0	20.5
		25	25	17.6	0	18.5	19.7	0	20.5
		50	0	17.5	0	18.5	19.6	0	20.5
	64QAM	1	0	18.4	0	18.5	19.9	0	20.5
		1	25	18.5	0	18.5	20.0	0	20.5
		1	49	18.5	0	18.5	19.9	0	20.5
		25	0	18.4	0	18.5	19.8	0	20.5
		25	12	18.4	0	18.5	19.9	0	20.5
		25	25	18.5	0	18.5	20.0	0	20.5
		50	0	18.4	0	18.5	19.9	0	20.5
	256QAM	1	0	18.2	0	18.5	18.3	2	18.7
		1	25	18.4	0	18.5	18.6	2	18.7
		1	49	18.4	0	18.5	18.5	2	18.7
		25	0	18.4	0	18.5	18.5	2	18.7
		25	12	18.4	0	18.5	18.5	2	18.7
		25	25	18.5	0	18.5	18.6	2	18.7
		50	0	18.4	0	18.5	18.5	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
5	QPSK	1	0	17.7	0	18.5	19.8	0	20.5
		1	12	17.8	0	18.5	19.9	0	20.5
		1	24	17.7	0	18.5	19.9	0	20.5
		12	0	17.7	0	18.5	19.7	0	20.5
		12	7	17.7	0	18.5	19.8	0	20.5
		12	13	17.7	0	18.5	19.7	0	20.5
		25	0	17.7	0	18.5	19.6	0	20.5
	16QAM	1	0	17.5	0	18.5	19.6	0	20.5
		1	12	17.6	0	18.5	19.8	0	20.5
		1	24	17.6	0	18.5	19.8	0	20.5
		12	0	17.4	0	18.5	19.9	0	20.5
		12	7	17.5	0	18.5	19.9	0	20.5
		12	13	17.5	0	18.5	20.0	0	20.5
		25	0	17.5	0	18.5	19.7	0	20.5
	64QAM	1	0	18.3	0	18.5	19.8	0	20.5
		1	12	18.4	0	18.5	20.0	0	20.5
		1	24	18.4	0	18.5	20.0	0	20.5
		12	0	18.4	0	18.5	19.8	0	20.5
		12	7	18.4	0	18.5	19.9	0	20.5
		12	13	18.5	0	18.5	19.9	0	20.5
		25	0	18.4	0	18.5	19.8	0	20.5
	256QAM	1	0	18.3	0	18.5	18.4	2	18.7
		1	12	18.4	0	18.5	18.6	2	18.7
		1	24	18.5	0	18.5	18.5	2	18.7
		12	0	18.4	0	18.5	18.5	2	18.7
		12	7	18.4	0	18.5	18.5	2	18.7
		12	13	18.5	0	18.5	18.6	2	18.7
		25	0	18.4	0	18.5	18.5	2	18.7

LTE Band 53 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60155	60197	60240	MPR	Max Output Pwr	60155	60197	60240	MPR	Max Output Pwr
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	18.4	18.2	18.2	0	18.5	19.7	19.7	19.6	0	20.5
		1	8	18.4	18.3	18.3	0	18.5	19.8	19.8	19.8	0	20.5
		1	14	18.4	18.2	18.2	0	18.5	19.7	19.8	19.7	0	20.5
		8	0	18.5	18.3	18.3	0	18.5	19.9	19.8	19.8	0	20.5
		8	4	18.5	18.3	18.4	0	18.5	19.9	19.8	19.8	0	20.5
		8	7	18.5	18.4	18.4	0	18.5	19.9	19.8	19.8	0	20.5
		15	0	18.5	18.2	18.3	0	18.5	19.8	19.8	19.8	0	20.5
	16QAM	1	0	18.2	18.0	18.2	0	18.5	19.8	19.6	19.7	0	20.5
		1	8	18.1	18.1	18.2	0	18.5	19.9	19.8	19.9	0	20.5
		1	14	18.1	18.0	18.0	0	18.5	19.8	19.8	19.8	0	20.5
		8	0	18.1	18.1	18.1	0	18.5	19.8	19.8	19.8	0	20.5
		8	4	18.1	18.1	18.2	0	18.5	19.9	19.8	19.8	0	20.5
		8	7	18.1	18.2	18.2	0	18.5	19.9	19.8	19.8	0	20.5
		15	0	18.0	18.1	18.1	0	18.5	19.8	19.8	19.8	0	20.5
	64QAM	1	0	18.1	18.3	18.4	0	18.5	19.8	19.8	20.0	0	20.5
		1	8	18.4	18.5	18.3	0	18.5	19.9	19.9	19.9	0	20.5
		1	14	18.4	18.4	18.3	0	18.5	19.8	19.8	19.9	0	20.5
		8	0	18.4	18.4	18.4	0	18.5	19.9	19.8	19.9	0	20.5
		8	4	18.5	18.4	18.4	0	18.5	19.9	19.8	19.9	0	20.5
		8	7	18.5	18.4	18.4	0	18.5	20.0	19.8	19.9	0	20.5
		15	0	18.4	18.4	18.4	0	18.5	19.9	19.8	19.9	0	20.5
	256QAM	1	0	18.1	18.3	18.2	0	18.5	18.5	18.5	18.5	2	18.7
		1	8	18.3	18.4	18.4	0	18.5	18.6	18.6	18.7	2	18.7
		1	14	18.3	18.4	18.3	0	18.5	18.5	18.5	18.5	2	18.7
		8	0	18.4	18.4	18.4	0	18.5	18.5	18.5	18.6	2	18.7
		8	4	18.4	18.4	18.5	0	18.5	18.6	18.5	18.6	2	18.7
		8	7	18.4	18.4	18.5	0	18.5	18.6	18.5	18.6	2	18.7
		15	0	18.4	18.3	18.4	0	18.5	18.6	18.5	18.5	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60147	60197	60248	MPR	Max Output Pwr	60147	60197	60248	MPR	Max Output Pwr
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	18.4	18.5	18.5	0	18.5	19.7	19.7	19.6	0	20.5
		1	3	18.5	18.5	18.5	0	18.5	19.8	19.8	19.7	0	20.5
		1	5	18.4	18.5	18.5	0	18.5	19.7	19.7	19.6	0	20.5
		3	0	18.5	18.5	18.5	0	18.5	19.7	19.8	19.7	0	20.5
		3	1	18.5	18.5	18.5	0	18.5	19.6	19.8	19.8	0	20.5
		3	3	18.5	18.5	18.5	0	18.5	19.7	19.8	19.7	0	20.5
		6	0	18.5	18.5	18.5	0	18.5	19.7	19.7	19.7	0	20.5
	16QAM	1	0	18.3	18.5	18.3	0	18.5	19.7	19.8	19.8	0	20.5
		1	3	18.3	18.5	18.4	0	18.5	19.7	19.8	19.8	0	20.5
		1	5	18.3	18.5	18.4	0	18.5	19.9	19.8	19.8	0	20.5
		3	0	18.3	18.4	18.2	0	18.5	19.7	19.8	19.7	0	20.5
		3	1	18.3	18.4	18.2	0	18.5	19.7	19.8	19.8	0	20.5
		3	3	18.3	18.4	18.2	0	18.5	19.7	19.8	19.7	0	20.5
		6	0	18.3	18.3	18.2	0	18.5	19.8	19.7	19.8	0	20.5
	64QAM	1	0	18.3	18.4	18.5	0	18.5	19.8	19.8	19.7	0	20.5
		1	3	18.3	18.3	18.4	0	18.5	20.0	20.0	19.9	0	20.5
		1	5	18.4	18.4	18.3	0	18.5	19.5	19.8	19.7	0	20.5
		3	0	18.3	18.2	18.4	0	18.5	19.8	19.8	19.8	0	20.5
		3	1	18.3	18.3	18.4	0	18.5	19.8	19.8	19.8	0	20.5
		3	3	18.2	18.3	18.4	0	18.5	19.8	19.9	19.8	0	20.5
		6	0	18.3	18.3	18.4	0	18.5	19.8	19.9	19.8	0	20.5
	256QAM	1	0	18.3	18.2	18.3	0	18.5	18.5	18.3	18.4	2	18.7
		1	3	18.4	18.2	18.4	0	18.5	18.4	18.6	18.5	2	18.7
		1	5	18.2	18.3	18.2	0	18.5	18.5	18.6	18.2	2	18.7
		3	0	18.4	18.3	18.4	0	18.5	18.5	18.5	18.3	2	18.7
		3	1	18.4	18.3	18.3	0	18.5	18.6	18.6	18.4	2	18.7
		3	3	18.2	18.3	18.1	0	18.5	18.5	18.6	18.5	2	18.7
		6	0	18.3	18.2	18.4	0	18.5	18.5	18.4	18.4	2	18.7

LTE Band 66 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	24.9	24.9	24.8	0	25.0	18.6	18.6	18.6	0	19.7
		1	49	25.0	25.0	24.9	0	25.0	18.8	18.9	18.8	0	19.7
		1	99	24.9	24.8	24.8	0	25.0	18.6	18.5	18.5	0	19.7
		50	0	24.7	24.6	24.5	0.3	24.7	18.6	18.6	18.5	0	19.7
		50	24	24.7	24.7	24.6	0.3	24.7	18.9	18.8	18.8	0	19.7
		50	50	24.7	24.7	24.6	0.3	24.7	18.7	18.6	18.6	0	19.7
		100	0	24.7	24.7	24.6	0.3	24.7	18.9	18.9	18.8	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	18.8	19.0	18.9	0	19.7
		1	49	24.7	24.7	24.7	0.3	24.7	18.9	19.1	19.0	0	19.7
		1	99	24.7	24.7	24.7	0.3	24.7	18.9	18.9	18.8	0	19.7
		50	0	23.7	23.7	23.6	1.3	23.7	18.6	18.6	18.5	0	19.7
		50	24	23.7	23.7	23.7	1.3	23.7	18.7	18.6	18.6	0	19.7
		50	50	23.7	23.7	23.6	1.3	23.7	18.7	18.7	18.6	0	19.7
		100	0	23.7	23.6	23.6	1.3	23.7	18.7	18.6	18.6	0	19.7
	64QAM	1	0	23.5	23.5	23.4	1.3	23.7	19.5	19.5	19.4	0	19.7
		1	49	23.6	23.5	23.4	1.3	23.7	19.6	19.5	19.6	0	19.7
		1	99	23.6	23.5	23.4	1.3	23.7	19.6	19.6	19.4	0	19.7
		50	0	22.3	22.3	22.3	2.3	22.7	19.4	19.3	19.3	0	19.7
		50	24	22.4	22.3	22.3	2.3	22.7	19.5	19.4	19.4	0	19.7
		50	50	22.4	22.4	22.3	2.3	22.7	19.4	19.4	19.4	0	19.7
		100	0	22.4	22.3	22.3	2.3	22.7	19.4	19.4	19.3	0	19.7
	256QAM	1	0	20.5	20.4	20.3	4.3	20.7	19.5	19.5	19.3	0	19.7
		1	49	20.5	20.5	20.2	4.3	20.7	19.5	19.6	19.3	0	19.7
		1	99	20.6	20.5	20.3	4.3	20.7	19.6	19.6	19.4	0	19.7
		50	0	20.4	20.3	20.3	4.3	20.7	19.3	19.3	19.3	0	19.7
		50	24	20.5	20.3	20.3	4.3	20.7	19.5	19.3	19.3	0	19.7
		50	50	20.4	20.4	20.3	4.3	20.7	19.4	19.4	19.4	0	19.7
		100	0	20.5	20.3	20.3	4.3	20.7	19.4	19.3	19.3	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	24.9	24.9	24.8	0	25.0	18.6	18.6	18.5	0	19.7
		1	37	24.9	24.9	24.8	0	25.0	18.6	18.6	18.5	0	19.7
		1	74	24.9	24.9	24.7	0	25.0	18.6	18.6	18.4	0	19.7
		36	0	24.7	24.6	24.6	0.3	24.7	18.7	18.7	18.6	0	19.7
		36	20	24.7	24.6	24.5	0.3	24.7	18.7	18.6	18.5	0	19.7
		36	39	24.7	24.7	24.6	0.3	24.7	18.7	18.7	18.6	0	19.7
		75	0	24.7	24.6	24.6	0.3	24.7	18.7	18.6	18.6	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	19.0	19.0	18.8	0	19.7
		1	37	24.7	24.7	24.7	0.3	24.7	19.1	19.0	18.8	0	19.7
		1	74	24.7	24.7	24.7	0.3	24.7	19.1	18.9	18.7	0	19.7
		36	0	23.7	23.6	23.6	1.3	23.7	18.6	18.6	18.6	0	19.7
		36	20	23.7	23.6	23.6	1.3	23.7	18.7	18.6	18.6	0	19.7
		36	39	23.7	23.7	23.6	1.3	23.7	18.7	18.7	18.6	0	19.7
		75	0	23.7	23.6	23.6	1.3	23.7	18.7	18.6	18.6	0	19.7
	64QAM	1	0	23.5	23.4	23.4	1.3	23.7	19.4	19.5	19.5	0	19.7
		1	37	23.5	23.5	23.5	1.3	23.7	19.5	19.5	19.6	0	19.7
		1	74	23.5	23.5	23.4	1.3	23.7	19.5	19.5	19.5	0	19.7
		36	0	22.4	22.3	22.3	2.3	22.7	19.4	19.4	19.3	0	19.7
		36	20	22.4	22.3	22.3	2.3	22.7	19.5	19.3	19.3	0	19.7
		36	39	22.4	22.4	22.3	2.3	22.7	19.5	19.4	19.4	0	19.7
		75	0	22.4	22.3	22.2	2.3	22.7	19.5	19.4	19.3	0	19.7
	256QAM	1	0	20.4	20.4	20.4	4.3	20.7	19.4	19.4	19.5	0	19.7
		1	37	20.4	20.5	20.3	4.3	20.7	19.5	19.5	19.6	0	19.7
		1	74	20.4	20.5	20.4	4.3	20.7	19.5	19.5	19.5	0	19.7
		36	0	20.4	20.3	20.3	4.3	20.7	19.4	19.4	19.3	0	19.7
		36	20	20.5	20.3	20.3	4.3	20.7	19.5	19.4	19.4	0	19.7
		36	39	20.5	20.4	20.3	4.3	20.7	19.5	19.4	19.4	0	19.7
		75	0	20.5	20.3	20.3	4.3	20.7	19.5	19.4	19.4	0	19.7

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	24.7	25.0	25.0	0	25.0	18.8	18.7	18.7	0	19.7
		1	25	24.7	25.0	25.0	0	25.0	18.8	18.7	18.7	0	19.7
		1	49	24.7	25.0	24.9	0	25.0	18.8	18.7	18.7	0	19.7
		25	0	24.7	24.7	24.7	0.3	24.7	18.8	18.7	18.7	0	19.7
		25	12	24.7	24.7	24.7	0.3	24.7	18.9	18.8	18.7	0	19.7
		25	25	24.7	24.7	24.7	0.3	24.7	18.8	18.8	18.7	0	19.7
		50	0	24.7	24.7	24.7	0.3	24.7	18.8	18.7	18.7	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	19.0	19.1	19.0	0	19.7
		1	25	24.7	24.7	24.7	0.3	24.7	19.0	19.1	19.1	0	19.7
		1	49	24.7	24.7	24.7	0.3	24.7	19.0	19.0	19.0	0	19.7
		25	0	23.7	23.7	23.7	1.3	23.7	18.8	18.8	18.7	0	19.7
		25	12	23.7	23.7	23.7	1.3	23.7	18.9	18.8	18.7	0	19.7
		25	25	23.7	23.7	23.7	1.3	23.7	18.9	18.8	18.8	0	19.7
		50	0	23.7	23.7	23.7	1.3	23.7	18.9	18.7	18.7	0	19.7
	64QAM	1	0	23.7	23.6	23.6	1.3	23.7	19.7	19.6	19.7	0	19.7
		1	25	23.7	23.7	23.7	1.3	23.7	19.7	19.7	19.7	0	19.7
		1	49	23.7	23.6	23.6	1.3	23.7	19.7	19.7	19.7	0	19.7
		25	0	22.5	22.4	22.4	2.3	22.7	19.5	19.5	19.5	0	19.7
		25	12	22.6	22.5	22.4	2.3	22.7	19.6	19.5	19.5	0	19.7
		25	25	22.6	22.5	22.5	2.3	22.7	19.6	19.6	19.6	0	19.7
		50	0	22.6	22.5	22.4	2.3	22.7	19.6	19.5	19.5	0	19.7
	256QAM	1	0	20.6	20.6	20.5	4.3	20.7	19.6	19.6	19.5	0	19.7
		1	25	20.7	20.7	20.6	4.3	20.7	19.6	19.6	19.7	0	19.7
		1	49	20.7	20.6	20.6	4.3	20.7	19.7	19.6	19.7	0	19.7
		25	0	20.5	20.5	20.4	4.3	20.7	19.5	19.5	19.4	0	19.7
		25	12	20.6	20.5	20.4	4.3	20.7	19.6	19.5	19.5	0	19.7
		25	25	20.6	20.5	20.5	4.3	20.7	19.6	19.6	19.5	0	19.7
		50	0	20.6	20.4	20.4	4.3	20.7	19.6	19.5	19.5	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	25.0	25.0	25.0	0	25.0	18.7	18.7	18.6	0	19.7
		1	12	25.0	25.0	25.0	0	25.0	18.8	18.8	18.7	0	19.7
		1	24	25.0	25.0	25.0	0	25.0	18.7	18.7	18.6	0	19.7
		12	0	24.7	24.7	24.7	0.3	24.7	18.7	18.7	18.7	0	19.7
		12	7	24.7	24.7	24.7	0.3	24.7	18.8	18.7	18.7	0	19.7
		12	13	24.7	24.7	24.7	0.3	24.7	18.8	18.8	18.7	0	19.7
		25	0	24.7	24.7	24.7	0.3	24.7	18.8	18.7	18.7	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	19.1	19.1	19.1	0	19.7
		1	12	24.7	24.7	24.7	0.3	24.7	19.2	19.2	19.2	0	19.7
		1	24	24.7	24.7	24.7	0.3	24.7	19.2	19.0	19.1	0	19.7
		12	0	23.7	23.7	23.7	1.3	23.7	18.7	18.8	18.8	0	19.7
		12	7	23.7	23.7	23.7	1.3	23.7	18.9	18.8	18.8	0	19.7
		12	13	23.7	23.7	23.7	1.3	23.7	18.8	18.9	18.8	0	19.7
		25	0	23.7	23.7	23.7	1.3	23.7	18.8	18.7	18.7	0	19.7
	64QAM	1	0	23.6	23.7	23.5	1.3	23.7	19.7	19.6	19.6	0	19.7
		1	12	23.7	23.7	23.6	1.3	23.7	19.7	19.7	19.7	0	19.7
		1	24	23.7	23.7	23.5	1.3	23.7	19.7	19.6	19.6	0	19.7
		12	0	22.5	22.4	22.5	2.3	22.7	19.5	19.5	19.6	0	19.7
		12	7	22.6	22.5	22.5	2.3	22.7	19.6	19.6	19.6	0	19.7
		12	13	22.6	22.5	22.5	2.3	22.7	19.6	19.6	19.6	0	19.7
		25	0	22.6	22.4	22.5	2.3	22.7	19.6	19.5	19.5	0	19.7
	256QAM	1	0	20.6	20.5	20.6	4.3	20.7	19.7	19.6	19.7	0	19.7
		1	12	20.6	20.6	20.6	4.3	20.7	19.7	19.7	19.7	0	19.7
		1	24	20.7	20.7	20.6	4.3	20.7	19.7	19.7	19.7	0	19.7
		12	0	20.5	20.4	20.5	4.3	20.7	19.5	19.4	19.5	0	19.7
		12	7	20.6	20.5	20.5	4.3	20.7	19.6	19.5	19.6	0	19.7
		12	13	20.6	20.5	20.5	4.3	20.7	19.6	19.5	19.5	0	19.7
		25	0	20.6	20.5	20.5	4.3	20.7	19.5	19.5	19.5	0	19.7

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131987	132322	132657	MPR	Max Output Pwr	131987	132322	132657	MPR	Max Output Pwr
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	25.0	25.0	25.0	0	25.0	18.7	18.6	18.6	0	19.7
		1	8	25.0	25.0	25.0	0	25.0	18.8	18.8	18.7	0	19.7
		1	14	25.0	25.0	25.0	0	25.0	18.7	18.6	18.6	0	19.7
		8	0	24.7	24.7	24.7	0.3	24.7	18.8	18.7	18.7	0	19.7
		8	4	24.7	24.7	24.7	0.3	24.7	18.8	18.8	18.7	0	19.7
		8	7	24.7	24.7	24.7	0.3	24.7	18.8	18.8	18.7	0	19.7
		15	0	24.7	24.7	24.7	0.3	24.7	18.8	18.7	18.7	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	19.0	19.1	19.0	0	19.7
		1	8	24.7	24.7	24.7	0.3	24.7	19.1	19.2	19.1	0	19.7
		1	14	24.7	24.7	24.7	0.3	24.7	19.0	19.1	19.0	0	19.7
		8	0	23.7	23.7	23.7	1.3	23.7	18.9	18.8	18.8	0	19.7
		8	4	23.7	23.7	23.7	1.3	23.7	18.9	18.9	18.8	0	19.7
		8	7	23.7	23.7	23.7	1.3	23.7	18.9	18.9	18.8	0	19.7
		15	0	23.7	23.7	23.7	1.3	23.7	18.9	18.7	18.7	0	19.7
	64QAM	1	0	23.7	23.6	23.5	1.3	23.7	19.6	19.6	19.6	0	19.7
		1	8	23.7	23.7	23.7	1.3	23.7	19.7	19.7	19.7	0	19.7
		1	14	23.6	23.6	23.6	1.3	23.7	19.6	19.7	19.6	0	19.7
		8	0	22.6	22.5	22.5	2.3	22.7	19.6	19.5	19.6	0	19.7
		8	4	22.6	22.6	22.5	2.3	22.7	19.6	19.6	19.6	0	19.7
		8	7	22.6	22.6	22.5	2.3	22.7	19.6	19.6	19.6	0	19.7
		15	0	22.5	22.4	22.5	2.3	22.7	19.6	19.5	19.6	0	19.7
	256QAM	1	0	20.7	20.5	20.6	4.3	20.7	19.6	19.6	19.7	0	19.7
		1	8	20.7	20.7	20.6	4.3	20.7	19.7	19.7	19.7	0	19.7
		1	14	20.7	20.6	20.6	4.3	20.7	19.7	19.6	19.7	0	19.7
		8	0	20.6	20.4	20.5	4.3	20.7	19.6	19.5	19.5	0	19.7
		8	4	20.6	20.5	20.5	4.3	20.7	19.6	19.6	19.6	0	19.7
		8	7	20.6	20.6	20.5	4.3	20.7	19.6	19.6	19.6	0	19.7
		15	0	20.6	20.4	20.5	4.3	20.7	19.5	19.5	19.5	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Max Output Pwr	131979	132322	132665	MPR	Max Output Pwr
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	25.0	25.0	25.0	0	25.0	18.7	18.7	18.6	0	19.7
		1	3	25.0	25.0	25.0	0	25.0	18.7	18.8	18.6	0	19.7
		1	5	25.0	25.0	25.0	0	25.0	18.7	18.8	18.6	0	19.7
		3	0	25.0	25.0	25.0	0	25.0	18.7	18.7	18.6	0	19.7
		3	1	25.0	25.0	25.0	0	25.0	18.7	18.8	18.6	0	19.7
		3	3	25.0	25.0	25.0	0	25.0	18.7	18.8	18.7	0	19.7
		6	0	24.7	24.7	24.7	0.3	24.7	18.7	18.8	18.6	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	18.9	19.0	19.0	0	19.7
		1	3	24.7	24.7	24.7	0.3	24.7	19.0	19.1	19.0	0	19.7
		1	5	24.7	24.7	24.7	0.3	24.7	19.0	19.0	19.0	0	19.7
		3	0	24.7	24.7	24.7	0.3	24.7	18.8	18.9	18.8	0	19.7
		3	1	24.7	24.7	24.7	0.3	24.7	18.8	18.9	18.8	0	19.7
		3	3	24.7	24.7	24.7	0.3	24.7	18.8	18.9	18.8	0	19.7
		6	0	23.7	23.7	23.7	1.3	23.7	18.8	18.8	18.7	0	19.7
	64QAM	1	0	23.6	23.6	23.6	1.3	23.7	19.6	19.6	19.7	0	19.7
		1	3	23.6	23.6	23.6	1.3	23.7	19.6	19.7	19.6	0	19.7
		1	5	23.7	23.5	23.5	1.3	23.7	19.6	19.6	19.7	0	19.7
		3	0	23.6	23.5	23.6	1.3	23.7	19.6	19.6	19.5	0	19.7
		3	1	23.6	23.6	23.6	1.3	23.7	19.6	19.6	19.5	0	19.7
		3	3	23.6	23.6	23.6	1.3	23.7	19.6	19.6	19.6	0	19.7
		6	0	22.5	22.4	22.4	2.3	22.7	19.6	19.5	19.5	0	19.7
	256QAM	1	0	20.6	20.6	20.5	4.3	20.7	19.7	19.5	19.6	0	19.7
		1	3	20.7	20.7	20.6	4.3	20.7	19.7	19.7	19.6	0	19.7
		1	5	20.7	20.6	20.6	4.3	20.7	19.6	19.6	19.6	0	19.7
		3	0	20.6	20.5	20.5	4.3	20.7	19.6	19.5	19.6	0	19.7
		3	1	20.6	20.5	20.5	4.3	20.7	19.6	19.5	19.6	0	19.7
		3	3	20.6	20.5	20.5	4.3	20.7	19.6	19.5	19.6	0	19.7
		6	0	20.6	20.5	20.4	4.3	20.7	19.6	19.4	19.5	0	19.7

LTE Band 66 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	22.0	22.0	22.0	0	23.0	21.1	21.1	21.0	0	22.0
		1	49	22.0	22.0	22.0	0	23.0	21.0	21.0	21.1	0	22.0
		1	99	22.0	22.0	22.0	0	23.0	21.0	21.0	21.0	0	22.0
		50	0	22.0	22.1	22.1	0	23.0	21.0	21.1	21.1	0	22.0
		50	24	22.1	22.1	22.1	0	23.0	21.1	21.1	21.1	0	22.0
		50	50	22.1	22.1	22.1	0	23.0	21.1	21.1	21.2	0	22.0
		100	0	22.1	22.1	22.0	0	23.0	21.0	21.1	21.1	0	22.0
	16QAM	1	0	22.2	22.3	22.3	0	23.0	21.3	21.3	21.3	0	22.0
		1	49	22.2	22.3	22.3	0	23.0	21.3	21.2	21.3	0	22.0
		1	99	22.2	22.3	22.2	0	23.0	21.3	21.3	21.3	0	22.0
		50	0	22.0	22.0	22.0	0.8	22.2	21.1	21.1	21.1	0	22.0
		50	24	22.1	22.1	22.0	0.8	22.2	21.2	21.2	21.2	0	22.0
		50	50	22.1	22.1	22.1	0.8	22.2	21.1	21.2	21.2	0	22.0
		100	0	22.1	22.1	22.0	0.8	22.2	21.2	21.2	21.1	0	22.0
	64QAM	1	0	22.0	22.0	21.5	0.8	22.2	22.0	22.0	21.9	0	22.0
		1	49	22.0	21.8	22.1	0.8	22.2	22.0	22.0	22.0	0	22.0
		1	99	21.6	21.7	21.7	0.8	22.2	22.0	22.0	22.0	0	22.0
		50	0	21.0	21.1	21.2	1.8	21.2	20.7	20.8	21.0	0.8	21.2
		50	24	21.1	20.8	20.6	1.8	21.2	20.8	20.8	21.0	0.8	21.2
		50	50	21.0	21.1	21.2	1.8	21.2	21.0	21.1	20.9	0.8	21.2
		100	0	21.1	20.6	20.6	1.8	21.2	21.2	20.5	20.8	0.8	21.2
	256QAM	1	0	18.7	19.0	18.6	3.8	19.2	19.0	18.6	19.2	2.8	19.2
		1	49	18.8	18.9	19.2	3.8	19.2	19.1	19.1	19.1	2.8	19.2
		1	99	18.8	18.9	18.6	3.8	19.2	19.0	18.6	18.8	2.8	19.2
		50	0	19.0	18.5	19.1	3.8	19.2	18.5	18.7	18.6	2.8	19.2
		50	24	18.5	19.0	19.0	3.8	19.2	18.7	18.6	18.8	2.8	19.2
		50	50	18.8	18.6	19.0	3.8	19.2	19.0	19.0	18.6	2.8	19.2
		100	0	19.1	18.9	19.1	3.8	19.2	19.0	18.9	18.9	2.8	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	22.0	22.0	22.0	0	23.0	21.0	21.0	21.1	0	22.0
		1	37	22.1	22.0	22.1	0	23.0	21.1	21.0	21.1	0	22.0
		1	74	22.1	22.0	22.0	0	23.0	21.1	21.0	20.9	0	22.0
		36	0	22.1	22.1	22.1	0	23.0	21.1	21.0	21.1	0	22.0
		36	20	22.1	22.0	22.2	0	23.0	21.2	21.0	21.1	0	22.0
		36	39	22.1	22.1	22.1	0	23.0	21.2	21.1	21.1	0	22.0
		75	0	22.1	22.1	22.2	0	23.0	21.2	21.1	21.2	0	22.0
	16QAM	1	0	22.3	22.3	22.3	0	23.0	21.3	21.3	21.3	0	22.0
		1	37	22.3	22.3	22.3	0	23.0	21.3	21.3	21.3	0	22.0
		1	74	22.3	22.3	22.1	0	23.0	21.3	21.3	21.2	0	22.0
		36	0	22.0	22.0	22.1	0.8	22.2	21.2	21.1	21.1	0	22.0
		36	20	22.1	22.0	22.2	0.8	22.2	21.2	21.0	21.2	0	22.0
		36	39	22.1	22.1	22.1	0.8	22.2	21.3	21.1	21.1	0	22.0
		75	0	22.1	22.1	22.1	0.8	22.2	21.1	21.1	21.1	0	22.0
	64QAM	1	0	22.1	22.2	22.0	0.8	22.2	22.0	22.0	22.0	0	22.0
		1	37	22.2	21.7	21.9	0.8	22.2	22.0	22.0	22.0	0	22.0
		1	74	21.5	22.2	21.7	0.8	22.2	22.0	22.0	22.0	0	22.0
		36	0	20.9	21.2	21.1	1.8	21.2	20.9	21.1	21.0	0.8	21.2
		36	20	21.1	20.8	20.7	1.8	21.2	20.8	20.9	20.5	0.8	21.2
		36	39	20.6	21.0	21.0	1.8	21.2	21.0	20.5	21.1	0.8	21.2
		75	0	21.0	21.2	20.8	1.8	21.2	20.7	21.0	20.8	0.8	21.2
	256QAM	1	0	18.7	19.0	18.5	3.8	19.2	18.9	19.1	18.5	2.8	19.2
		1	37	19.2	19.0	19.2	3.8	19.2	18.8	18.9	18.9	2.8	19.2
		1	74	19.1	18.6	19.1	3.8	19.2	19.0	18.6	19.1	2.8	19.2
		36	0	18.8	19.1	19.2	3.8	19.2	19.0	18.7	18.6	2.8	19.2
		36	20	18.5	18.8	18.7	3.8	19.2	19.1	18.9	18.7	2.8	19.2
		36	39	18.6	19.2	19.2	3.8	19.2	18.9	18.9	18.7	2.8	19.2
		75	0	19.0	18.5	19.0	3.8	19.2	18.6	18.9	18.7	2.8	19.2

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	22.1	22.1	22.1	0	23.0	21.2	21.2	21.2	0	22.0
		1	25	22.2	22.1	22.2	0	23.0	21.3	21.2	21.2	0	22.0
		1	49	22.1	22.1	22.1	0	23.0	21.2	21.2	21.2	0	22.0
		25	0	22.1	22.1	22.1	0	23.0	21.2	21.2	21.2	0	22.0
		25	12	22.2	22.2	22.1	0	23.0	21.3	21.2	21.2	0	22.0
		25	25	22.2	22.3	22.2	0	23.0	21.3	21.2	21.3	0	22.0
		50	0	22.2	22.3	22.1	0	23.0	21.3	21.2	21.2	0	22.0
	16QAM	1	0	22.3	22.5	22.5	0	23.0	21.3	21.3	21.3	0	22.0
		1	25	22.4	22.4	22.6	0	23.0	21.3	21.3	21.3	0	22.0
		1	49	22.3	22.4	22.6	0	23.0	21.3	21.3	21.3	0	22.0
		25	0	22.2	22.1	22.2	0.8	22.2	21.3	21.3	21.2	0	22.0
		25	12	22.2	22.2	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
		25	25	22.2	22.1	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
		50	0	22.2	22.2	22.2	0.8	22.2	21.2	21.3	21.3	0	22.0
	64QAM	1	0	22.0	22.2	21.9	0.8	22.2	22.0	21.6	21.7	0	22.0
		1	25	22.1	22.1	21.9	0.8	22.2	21.7	21.5	21.5	0	22.0
		1	49	22.0	21.8	21.8	0.8	22.2	21.7	21.5	21.6	0	22.0
		25	0	20.9	21.2	20.6	1.8	21.2	20.9	20.7	20.7	0.8	21.2
		25	12	20.8	21.2	20.6	1.8	21.2	21.1	20.9	21.0	0.8	21.2
		25	25	21.1	20.6	21.0	1.8	21.2	20.9	21.0	20.9	0.8	21.2
		50	0	21.2	20.5	21.1	1.8	21.2	20.5	20.9	21.1	0.8	21.2
	256QAM	1	0	19.0	18.8	18.6	3.8	19.2	18.5	18.7	18.8	2.8	19.2
		1	25	18.9	19.2	19.1	3.8	19.2	18.7	18.9	18.7	2.8	19.2
		1	49	18.6	19.2	18.6	3.8	19.2	18.7	18.9	19.1	2.8	19.2
		25	0	18.6	19.2	18.6	3.8	19.2	18.9	18.9	18.7	2.8	19.2
		25	12	18.6	18.7	18.7	3.8	19.2	18.7	18.8	18.5	2.8	19.2
		25	25	18.7	18.9	19.2	3.8	19.2	18.6	19.0	18.5	2.8	19.2
		50	0	18.9	18.9	18.9	3.8	19.2	19.1	18.6	19.0	2.8	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	22.0	22.2	22.2	0	23.0	21.2	21.2	21.2	0	22.0
		1	12	22.1	22.2	22.3	0	23.0	21.3	21.3	21.3	0	22.0
		1	24	22.1	22.2	22.2	0	23.0	21.2	21.2	21.2	0	22.0
		12	0	22.2	22.2	22.3	0	23.0	21.3	21.2	21.3	0	22.0
		12	7	22.2	22.2	22.3	0	23.0	21.3	21.3	21.3	0	22.0
		12	13	22.2	22.2	22.3	0	23.0	21.3	21.3	21.3	0	22.0
		25	0	22.2	22.2	22.3	0	23.0	21.3	21.3	21.3	0	22.0
	16QAM	1	0	22.5	22.5	22.6	0	23.0	21.3	21.3	21.3	0	22.0
		1	12	22.5	22.6	22.7	0	23.0	21.3	21.3	21.3	0	22.0
		1	24	22.5	22.5	22.6	0	23.0	21.3	21.3	21.3	0	22.0
		12	0	22.2	22.1	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
		12	7	22.2	22.2	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
		12	13	22.2	22.2	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
		25	0	22.2	22.2	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
	64QAM	1	0	21.6	21.6	21.6	0.8	22.2	21.9	21.4	21.4	0	22.0
		1	12	21.9	21.7	21.8	0.8	22.2	21.9	21.4	21.8	0	22.0
		1	24	21.6	22.2	22.2	0.8	22.2	21.6	21.6	22.0	0	22.0
		12	0	20.9	21.2	21.0	1.8	21.2	21.1	21.1	20.5	0.8	21.2
		12	7	21.1	20.9	20.9	1.8	21.2	21.0	21.1	21.2	0.8	21.2
		12	13	21.1	20.8	20.6	1.8	21.2	20.7	21.1	20.5	0.8	21.2
		25	0	20.6	21.1	20.8	1.8	21.2	21.2	20.7	21.0	0.8	21.2
	256QAM	1	0	19.1	19.1	19.0	3.8	19.2	18.7	19.0	19.0	2.8	19.2
		1	12	19.1	18.5	18.5	3.8	19.2	18.7	18.5	19.1	2.8	19.2
		1	24	19.1	18.6	19.0	3.8	19.2	18.9	18.6	18.6	2.8	19.2
		12	0	18.9	18.8	18.6	3.8	19.2	19.1	18.9	19.2	2.8	19.2
		12	7	19.1	19.1	18.8	3.8	19.2	18.6	18.7	19.1	2.8	19.2
		12	13	18.8	18.8	18.5	3.8	19.2	19.0	18.9	19.1	2.8	19.2
		25	0	19.0	18.8	18.6	3.8	19.2	19.2	18.5	19.1	2.8	19.2

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131987	132322	132657	MPR	Max Output Pwr	131987	132322	132657	MPR	Max Output Pwr
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	22.0	22.0	22.1	0	23.0	21.2	21.1	21.3	0	22.0
		1	8	22.1	22.1	22.2	0	23.0	21.3	21.3	21.3	0	22.0
		1	14	22.0	22.0	22.1	0	23.0	21.2	21.2	21.2	0	22.0
		8	0	22.1	22.0	22.2	0	23.0	21.2	21.2	21.3	0	22.0
		8	4	22.1	22.1	22.2	0	23.0	21.3	21.3	21.3	0	22.0
		8	7	22.1	22.1	22.2	0	23.0	21.3	21.3	21.3	0	22.0
		15	0	22.1	22.1	22.2	0	23.0	21.3	21.3	21.3	0	22.0
	16QAM	1	0	22.3	22.4	22.4	0	23.0	21.3	21.3	21.3	0	22.0
		1	8	22.4	22.5	22.5	0	23.0	21.3	21.3	21.3	0	22.0
		1	14	22.3	22.4	22.4	0	23.0	21.3	21.3	21.3	0	22.0
		8	0	22.2	22.1	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
		8	4	22.2	22.2	22.0	0.8	22.2	21.3	21.3	21.3	0	22.0
		8	7	22.2	22.2	22.0	0.8	22.2	21.3	21.3	21.3	0	22.0
		15	0	22.2	22.2	22.2	0.8	22.2	21.3	21.3	21.3	0	22.0
	64QAM	1	0	21.6	21.6	22.1	0.8	22.2	21.4	21.9	21.5	0	22.0
		1	8	21.6	22.1	21.8	0.8	22.2	21.8	21.5	21.9	0	22.0
		1	14	22.1	21.8	21.7	0.8	22.2	21.4	21.9	21.4	0	22.0
		8	0	20.9	20.7	20.8	1.8	21.2	20.9	20.7	20.8	0.8	21.2
		8	4	21.0	20.6	21.0	1.8	21.2	20.8	20.8	21.1	0.8	21.2
		8	7	20.8	21.0	20.8	1.8	21.2	20.7	21.0	20.6	0.8	21.2
		15	0	20.7	21.0	21.1	1.8	21.2	20.8	21.0	20.7	0.8	21.2
	256QAM	1	0	19.2	19.1	18.5	3.8	19.2	18.7	18.8	19.0	2.8	19.2
		1	8	19.2	19.1	18.7	3.8	19.2	18.6	19.0	19.0	2.8	19.2
		1	14	19.0	18.9	18.6	3.8	19.2	19.2	19.0	19.2	2.8	19.2
		8	0	18.7	19.1	19.1	3.8	19.2	18.7	18.5	18.7	2.8	19.2
		8	4	18.6	19.0	19.1	3.8	19.2	19.1	18.8	19.1	2.8	19.2
		8	7	18.5	18.9	18.8	3.8	19.2	19.2	19.0	18.8	2.8	19.2
		15	0	18.8	18.8	18.5	3.8	19.2	19.1	18.9	18.9	2.8	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Max Output Pwr	131979	132322	132665	MPR	Max Output Pwr
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	22.2	22.2	22.2	0	23.0	21.1	21.1	21.2	0	22.0
		1	3	22.2	22.2	22.2	0	23.0	21.1	21.1	21.2	0	22.0
		1	5	22.2	22.1	22.2	0	23.0	21.1	21.1	21.2	0	22.0
		3	0	22.2	22.2	22.2	0	23.0	21.1	21.1	21.2	0	22.0
		3	1	22.2	22.2	22.2	0	23.0	21.1	21.2	21.2	0	22.0
		3	3	22.2	22.2	22.2	0	23.0	21.1	21.2	21.2	0	22.0
		6	0	22.2	22.2	22.2	0	23.0	21.1	21.1	21.2	0	22.0
	16QAM	1	0	22.5	22.3	22.5	0	23.0	21.3	21.3	21.3	0	22.0
		1	3	22.5	22.3	22.5	0	23.0	21.3	21.3	21.3	0	22.0
		1	5	22.5	22.3	22.5	0	23.0	21.3	21.3	21.3	0	22.0
		3	0	22.3	22.3	22.4	0	23.0	21.3	21.3	21.3	0	22.0
		3	1	22.3	22.3	22.4	0	23.0	21.3	21.3	21.3	0	22.0
		3	3	22.3	22.3	22.4	0	23.0	21.3	21.3	21.3	0	22.0
		6	0	22.2	22.2	22.2	0.8	22.2	21.3	21.2	21.2	0	22.0
	64QAM	1	0	21.8	22.1	22.0	0.8	22.2	21.8	21.9	21.9	0	22.0
		1	3	21.6	22.1	21.8	0.8	22.2	21.8	22.0	21.4	0	22.0
		1	5	21.8	21.6	22.1	0.8	22.2	21.8	21.4	21.9	0	22.0
		3	0	21.5	21.8	21.8	0.8	22.2	21.8	21.6	21.5	0	22.0
		3	1	21.5	22.1	22.2	0.8	22.2	21.7	21.5	21.3	0	22.0
		3	3	22.2	21.8	21.8	0.8	22.2	21.5	21.5	21.4	0	22.0
		6	0	21.2	20.6	20.7	1.8	21.2	20.8	20.6	20.7	0.8	21.2
	256QAM	1	0	19.0	19.1	19.1	3.8	19.2	19.1	18.7	18.9	2.8	19.2
		1	3	18.9	19.1	19.1	3.8	19.2	19.0	18.8	18.5	2.8	19.2
		1	5	19.0	18.7	19.1	3.8	19.2	18.6	18.7	18.6	2.8	19.2
		3	0	18.8	18.9	18.6	3.8	19.2	19.2	18.6	18.9	2.8	19.2
		3	1	18.5	18.5	19.0	3.8	19.2	18.7	19.0	18.9	2.8	19.2
		3	3	18.8	18.7	18.9	3.8	19.2	19.2	18.8	19.0	2.8	19.2
		6	0	18.7	19.0	19.1	3.8	19.2	18.6	18.8	18.8	2.8	19.2

LTE Band 66 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	21.0	20.8	20.7	0	21.0	20.4	20.4	20.4	0	20.7
		1	49	21.0	20.9	20.7	0	21.0	20.4	20.4	20.4	0	20.7
		1	99	21.0	20.9	20.7	0	21.0	20.4	20.4	20.3	0	20.7
		50	0	21.0	20.9	20.8	0	21.0	20.5	20.5	20.4	0	20.7
		50	24	21.0	20.9	20.8	0	21.0	20.6	20.5	20.5	0	20.7
		50	50	21.0	20.9	20.8	0	21.0	20.5	20.6	20.4	0	20.7
		100	0	20.9	20.9	20.7	0	21.0	20.5	20.5	20.3	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.5	0	20.7
		1	49	21.0	21.0	21.0	0	21.0	20.7	20.7	20.5	0	20.7
		1	99	21.0	21.0	21.0	0	21.0	20.7	20.7	20.5	0	20.7
		50	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.4	0	20.7
		50	24	21.0	21.0	21.0	0	21.0	20.6	20.5	20.5	0	20.7
		50	50	21.0	21.0	21.0	0	21.0	20.5	20.6	20.4	0	20.7
		100	0	21.0	21.0	21.0	0	21.0	20.6	20.5	20.4	0	20.7
	64QAM	1	0	21.0	21.0	20.8	0	21.0	20.5	20.7	20.4	0	20.7
		1	49	21.0	21.0	20.8	0	21.0	20.6	20.7	20.5	0	20.7
		1	99	21.0	21.0	20.7	0	21.0	20.6	20.6	20.2	0	20.7
		50	0	20.8	20.8	20.7	0	21.0	20.4	20.4	20.3	0	20.7
		50	24	20.9	20.8	20.6	0	21.0	20.5	20.5	20.3	0	20.7
		50	50	20.9	20.8	20.6	0	21.0	20.5	20.5	20.3	0	20.7
		100	0	20.9	20.8	20.6	0	21.0	20.5	20.5	20.3	0	20.7
	256QAM	1	0	20.3	20.4	20.2	0.5	20.5	20.4	20.3	20.1	0.2	20.5
		1	49	20.4	20.4	20.1	0.5	20.5	20.4	20.4	20.0	0.2	20.5
		1	99	20.5	20.4	20.0	0.5	20.5	20.5	20.4	19.9	0.2	20.5
		50	0	20.3	20.2	20.1	0.5	20.5	20.2	20.2	20.1	0.2	20.5
		50	24	20.4	20.3	20.1	0.5	20.5	20.3	20.3	20.1	0.2	20.5
		50	50	20.3	20.3	20.1	0.5	20.5	20.3	20.3	20.0	0.2	20.5
		100	0	20.3	20.3	20.1	0.5	20.5	20.3	20.2	20.1	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	20.9	20.9	21.0	0	21.0	20.5	20.4	20.5	0	20.7
		1	37	20.9	21.0	21.0	0	21.0	20.4	20.5	20.5	0	20.7
		1	74	20.9	21.0	21.0	0	21.0	20.4	20.5	20.4	0	20.7
		36	0	21.0	21.0	21.0	0	21.0	20.5	20.4	20.6	0	20.7
		36	20	21.0	21.0	21.0	0	21.0	20.6	20.5	20.6	0	20.7
		36	39	21.0	21.0	21.0	0	21.0	20.5	20.5	20.7	0	20.7
		75	0	21.0	21.0	21.0	0	21.0	20.6	20.5	20.6	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	37	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	74	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		36	0	20.9	21.0	21.0	0	21.0	20.5	20.5	20.6	0	20.7
		36	20	21.0	21.0	21.0	0	21.0	20.6	20.5	20.6	0	20.7
		36	39	21.0	21.0	21.0	0	21.0	20.5	20.6	20.6	0	20.7
		75	0	21.0	21.0	21.0	0	21.0	20.6	20.5	20.6	0	20.7
	64QAM	1	0	20.9	20.8	20.7	0	21.0	20.6	20.7	20.3	0	20.7
		1	37	20.9	20.8	20.7	0	21.0	20.6	20.7	20.3	0	20.7
		1	74	20.9	20.9	20.5	0	21.0	20.7	20.7	20.2	0	20.7
		36	0	20.8	20.8	20.6	0	21.0	20.4	20.4	20.3	0	20.7
		36	20	20.9	20.8	20.6	0	21.0	20.5	20.5	20.3	0	20.7
		36	39	20.9	20.8	20.6	0	21.0	20.5	20.5	20.3	0	20.7
		75	0	20.9	20.8	20.6	0	21.0	20.5	20.5	20.3	0	20.7
	256QAM	1	0	20.3	20.4	20.2	0.5	20.5	20.1	20.3	20.2	0.2	20.5
		1	37	20.5	20.5	20.1	0.5	20.5	20.3	20.4	20.1	0.2	20.5
		1	74	20.4	20.4	20.1	0.5	20.5	20.3	20.3	20.1	0.2	20.5
		36	0	20.3	20.3	20.1	0.5	20.5	20.2	20.2	20.1	0.2	20.5
		36	20	20.3	20.3	20.1	0.5	20.5	20.3	20.3	20.0	0.2	20.5
		36	39	20.3	20.3	20.1	0.5	20.5	20.3	20.2	20.0	0.2	20.5
		75	0	20.3	20.3	20.1	0.5	20.5	20.3	20.2	20.0	0.2	20.5

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	21.0	21.0	21.0	0	21.0	20.5	20.6	20.7	0	20.7
		1	25	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		1	49	21.0	21.0	21.0	0	21.0	20.5	20.6	20.7	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		25	12	21.0	21.0	21.0	0	21.0	20.7	20.6	20.7	0	20.7
		25	25	21.0	21.0	21.0	0	21.0	20.6	20.7	20.7	0	20.7
		50	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	25	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	49	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.6	20.7	20.7	0	20.7
		25	12	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		25	25	21.0	21.0	21.0	0	21.0	20.6	20.7	20.7	0	20.7
		50	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
	64QAM	1	0	21.0	21.0	20.9	0	21.0	20.7	20.7	20.5	0	20.7
		1	25	21.0	21.0	20.8	0	21.0	20.7	20.7	20.6	0	20.7
		1	49	21.0	21.0	20.7	0	21.0	20.7	20.7	20.5	0	20.7
		25	0	20.9	20.9	20.7	0	21.0	20.6	20.6	20.4	0	20.7
		25	12	21.0	21.0	20.7	0	21.0	20.7	20.6	20.4	0	20.7
		25	25	21.0	20.9	20.7	0	21.0	20.7	20.6	20.4	0	20.7
		50	0	21.0	20.9	20.7	0	21.0	20.7	20.6	20.4	0	20.7
	256QAM	1	0	20.5	20.5	20.4	0.5	20.5	20.5	20.4	20.3	0.2	20.5
		1	25	20.5	20.5	20.4	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		1	49	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		25	0	20.4	20.4	20.2	0.5	20.5	20.3	20.4	20.2	0.2	20.5
		25	12	20.5	20.5	20.2	0.5	20.5	20.5	20.4	20.2	0.2	20.5
		25	25	20.5	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5
		50	0	20.5	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	21.0	21.0	21.0	0	21.0	20.5	20.6	20.7	0	20.7
		1	12	21.0	21.0	21.0	0	21.0	20.6	20.7	20.7	0	20.7
		1	24	21.0	21.0	21.0	0	21.0	20.5	20.6	20.7	0	20.7
		12	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		12	7	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		12	13	21.0	21.0	21.0	0	21.0	20.6	20.7	20.7	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	12	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	24	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		12	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		12	7	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		12	13	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.6	20.7	20.7	0	20.7
	64QAM	1	0	21.0	21.0	20.8	0	21.0	20.7	20.7	20.5	0	20.7
		1	12	21.0	21.0	20.8	0	21.0	20.7	20.7	20.6	0	20.7
		1	24	21.0	21.0	20.8	0	21.0	20.7	20.7	20.5	0	20.7
		12	0	21.0	20.9	20.7	0	21.0	20.7	20.6	20.3	0	20.7
		12	7	21.0	21.0	20.7	0	21.0	20.7	20.6	20.4	0	20.7
		12	13	21.0	21.0	20.7	0	21.0	20.7	20.7	20.4	0	20.7
		25	0	20.9	20.9	20.7	0	21.0	20.7	20.6	20.4	0	20.7
	256QAM	1	0	20.5	20.4	20.4	0.5	20.5	20.5	20.4	20.3	0.2	20.5
		1	12	20.5	20.5	20.5	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		1	24	20.5	20.5	20.4	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		12	0	20.5	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5
		12	7	20.5	20.5	20.2	0.5	20.5	20.5	20.4	20.2	0.2	20.5
		12	13	20.5	20.5	20.2	0.5	20.5	20.4	20.5	20.2	0.2	20.5
		25	0	20.5	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131987	132322	132657	MPR	Max Output Pwr	131987	132322	132657	MPR	Max Output Pwr
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.7	0	20.7
		1	8	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		1	14	21.0	21.0	21.0	0	21.0	20.6	20.5	20.7	0	20.7
		8	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		8	4	21.0	21.0	21.0	0	21.0	20.7	20.6	20.7	0	20.7
		8	7	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		15	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	8	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	14	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		8	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		8	4	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		8	7	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		15	0	21.0	21.0	21.0	0	21.0	20.7	20.6	20.7	0	20.7
	64QAM	1	0	21.0	21.0	20.7	0	21.0	20.6	20.7	20.3	0	20.7
		1	8	21.0	21.0	20.7	0	21.0	20.7	20.7	20.4	0	20.7
		1	14	21.0	21.0	20.6	0	21.0	20.6	20.7	20.3	0	20.7
		8	0	21.0	20.9	20.8	0	21.0	20.6	20.5	20.4	0	20.7
		8	4	21.0	20.9	20.8	0	21.0	20.6	20.6	20.4	0	20.7
		8	7	21.0	21.0	20.8	0	21.0	20.7	20.7	20.4	0	20.7
		15	0	20.9	20.9	20.7	0	21.0	20.6	20.6	20.3	0	20.7
	256QAM	1	0	20.5	20.4	20.3	0.5	20.5	20.3	20.5	20.3	0.2	20.5
		1	8	20.5	20.5	20.4	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		1	14	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.2	0.2	20.5
		8	0	20.4	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5
		8	4	20.5	20.5	20.2	0.5	20.5	20.5	20.4	20.2	0.2	20.5
		8	7	20.5	20.5	20.2	0.5	20.5	20.4	20.5	20.2	0.2	20.5
		15	0	20.4	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Max Output Pwr	131979	132322	132665	MPR	Max Output Pwr
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	21.0	21.0	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		1	3	20.9	20.9	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		1	5	21.0	20.9	21.0	0	21.0	20.6	20.6	20.7	0	20.7
		3	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		3	1	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		3	3	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		6	0	21.0	21.0	21.0	0	21.0	20.6	20.7	20.7	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	3	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		1	5	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		3	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		3	1	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		3	3	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
		6	0	21.0	21.0	21.0	0	21.0	20.7	20.7	20.7	0	20.7
	64QAM	1	0	21.0	21.0	20.9	0	21.0	20.7	20.7	20.4	0	20.7
		1	3	21.0	21.0	20.8	0	21.0	20.6	20.7	20.5	0	20.7
		1	5	21.0	21.0	20.7	0	21.0	20.7	20.7	20.4	0	20.7
		3	0	20.9	21.0	20.7	0	21.0	20.5	20.7	20.5	0	20.7
		3	1	20.9	21.0	20.7	0	21.0	20.5	20.7	20.5	0	20.7
		3	3	20.9	21.0	20.6	0	21.0	20.5	20.7	20.5	0	20.7
		6	0	20.9	20.9	20.2	0	21.0	20.6	20.6	20.3	0	20.7
	256QAM	1	0	20.3	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		1	3	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		1	5	20.5	20.5	20.2	0.5	20.5	20.5	20.5	20.2	0.2	20.5
		3	0	20.4	20.5	20.2	0.5	20.5	20.4	20.4	20.2	0.2	20.5
		3	1	20.5	20.5	20.2	0.5	20.5	20.4	20.5	20.2	0.2	20.5
		3	3	20.4	20.5	20.1	0.5	20.5	20.4	20.5	20.2	0.2	20.5
		6	0	20.5	20.4	20.3	0.5	20.5	20.5	20.5	20.1	0.2	20.5

LTE Band 66 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	19.7	19.7	19.8	0	20.5	18.5	18.4	18.8	0	19.5
		1	49	19.8	19.7	19.8	0	20.5	18.5	18.4	18.9	0	19.5
		1	99	19.8	19.7	19.8	0	20.5	18.5	18.4	18.9	0	19.5
		50	0	19.8	19.8	19.8	0	20.5	18.5	18.5	18.9	0	19.5
		50	24	19.9	19.8	19.8	0	20.5	18.5	18.5	18.9	0	19.5
		50	50	19.8	19.8	19.8	0	20.5	18.5	18.5	18.9	0	19.5
		100	0	19.7	19.7	19.7	0	20.5	18.5	18.5	18.5	0	19.5
	16QAM	1	0	20.0	20.1	20.2	0	20.5	18.9	19.1	19.1	0	19.5
		1	49	20.0	20.2	20.2	0	20.5	18.9	19.1	19.1	0	19.5
		1	99	20.0	20.2	20.2	0	20.5	18.9	19.1	19.1	0	19.5
		50	0	19.8	19.9	20.0	0	20.5	18.7	18.8	18.9	0	19.5
		50	24	19.9	20.0	20.1	0	20.5	18.8	18.9	19.0	0	19.5
		50	50	19.9	20.0	20.2	0	20.5	18.7	18.9	19.0	0	19.5
		100	0	19.9	19.9	20.1	0	20.5	18.7	18.9	18.9	0	19.5
	64QAM	1	0	20.2	19.9	19.8	0	20.5	19.2	18.9	18.8	0	19.5
		1	49	20.1	19.9	19.9	0	20.5	19.1	18.8	18.9	0	19.5
		1	99	20.1	19.9	19.8	0	20.5	19.1	18.8	18.9	0	19.5
		50	0	20.0	19.7	19.8	0	20.5	19.0	18.7	18.8	0	19.5
		50	24	20.0	19.8	19.9	0	20.5	19.1	18.8	18.9	0	19.5
		50	50	20.0	19.8	19.9	0	20.5	19.0	18.8	18.9	0	19.5
		100	0	20.0	19.8	19.8	0	20.5	19.0	18.8	18.8	0	19.5
	256QAM	1	0	18.8	18.6	18.4	1.3	19.2	19.1	18.9	18.7	0.3	19.2
		1	49	18.8	18.5	18.5	1.3	19.2	19.0	18.8	18.8	0.3	19.2
		1	99	18.8	18.5	18.6	1.3	19.2	19.0	18.8	18.8	0.3	19.2
		50	0	18.7	18.5	18.5	1.3	19.2	19.0	18.7	18.7	0.3	19.2
		50	24	18.8	18.6	18.6	1.3	19.2	19.0	18.8	18.9	0.3	19.2
		50	50	18.7	18.5	18.6	1.3	19.2	19.0	18.8	18.9	0.3	19.2
		100	0	18.8	18.5	18.5	1.3	19.2	19.0	18.8	18.8	0.3	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	19.7	19.8	20.0	0	20.5	18.6	18.7	18.9	0	19.5
		1	37	19.7	19.8	20.1	0	20.5	18.7	18.7	19.0	0	19.5
		1	74	19.7	19.9	20.0	0	20.5	18.7	18.8	18.9	0	19.5
		36	0	19.8	19.9	20.0	0	20.5	18.7	18.8	18.9	0	19.5
		36	20	19.8	19.8	20.0	0	20.5	18.8	18.7	18.9	0	19.5
		36	39	19.8	19.9	20.1	0	20.5	18.7	18.8	19.0	0	19.5
		75	0	19.8	20.0	20.0	0	20.5	18.7	18.8	19.0	0	19.5
	16QAM	1	0	20.0	20.1	20.2	0	20.5	19.0	19.0	19.2	0	19.5
		1	37	20.1	20.1	20.2	0	20.5	19.1	19.1	19.2	0	19.5
		1	74	20.1	20.2	20.2	0	20.5	18.9	19.1	19.2	0	19.5
		36	0	19.8	19.9	20.1	0	20.5	18.7	18.8	19.0	0	19.5
		36	20	19.9	19.9	20.1	0	20.5	18.7	18.8	19.0	0	19.5
		36	39	19.9	19.9	20.1	0	20.5	18.7	18.8	19.0	0	19.5
		75	0	19.8	20.0	20.1	0	20.5	18.7	18.8	19.0	0	19.5
	64QAM	1	0	20.0	19.9	19.9	0	20.5	19.1	18.9	19.0	0	19.5
		1	37	20.0	19.9	20.0	0	20.5	19.1	18.9	19.0	0	19.5
		1	74	20.0	19.9	19.9	0	20.5	19.1	18.8	19.0	0	19.5
		36	0	20.0	19.7	19.8	0	20.5	19.1	18.8	18.8	0	19.5
		36	20	20.0	19.8	19.8	0	20.5	19.0	18.8	18.8	0	19.5
		36	39	20.0	19.8	19.9	0	20.5	19.0	18.8	18.9	0	19.5
		75	0	20.0	19.8	19.8	0	20.5	19.1	18.8	18.8	0	19.5
	256QAM	1	0	18.7	18.5	18.5	1.3	19.2	18.9	18.8	18.7	0.3	19.2
		1	37	18.8	18.5	18.6	1.3	19.2	18.9	18.8	18.9	0.3	19.2
		1	74	18.8	18.5	18.6	1.3	19.2	18.9	18.8	18.9	0.3	19.2
		36	0	18.8	18.5	18.5	1.3	19.2	19.1	18.7	18.8	0.3	19.2
		36	20	18.8	18.5	18.5	1.3	19.2	19.0	18.8	18.8	0.3	19.2
		36	39	18.8	18.5	18.6	1.3	19.2	19.0	18.8	18.9	0.3	19.2
		75	0	18.8	18.5	18.5	1.3	19.2	19.0	18.8	18.8	0.3	19.2

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		1	25	19.9	20.0	20.3	0	20.5	18.9	19.0	19.2	0	19.5
		1	49	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		25	0	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		25	12	20.0	20.0	20.2	0	20.5	18.9	18.9	19.2	0	19.5
		25	25	19.9	20.1	20.3	0	20.5	18.9	19.0	19.2	0	19.5
		50	0	20.0	20.0	20.2	0	20.5	18.9	19.0	19.1	0	19.5
	16QAM	1	0	20.1	20.3	20.5	0	20.5	19.1	19.2	19.5	0	19.5
		1	25	20.2	20.3	20.5	0	20.5	19.1	19.3	19.5	0	19.5
		1	49	20.1	20.3	20.5	0	20.5	19.1	19.3	19.5	0	19.5
		25	0	19.9	20.1	20.2	0	20.5	18.8	19.0	19.2	0	19.5
		25	12	20.0	20.1	20.3	0	20.5	18.9	19.0	19.2	0	19.5
		25	25	20.0	20.1	20.3	0	20.5	18.9	19.0	19.2	0	19.5
		50	0	20.0	20.1	20.2	0	20.5	18.9	19.0	19.1	0	19.5
	64QAM	1	0	20.3	20.0	20.2	0	20.5	19.4	19.0	19.1	0	19.5
		1	25	20.5	20.1	20.2	0	20.5	19.4	19.0	19.2	0	19.5
		1	49	20.4	20.0	20.2	0	20.5	19.3	18.9	19.2	0	19.5
		25	0	20.2	19.9	20.0	0	20.5	19.2	18.9	18.9	0	19.5
		25	12	20.2	20.0	20.0	0	20.5	19.2	19.0	19.0	0	19.5
		25	25	20.2	20.0	20.1	0	20.5	19.2	18.9	19.0	0	19.5
		50	0	20.2	20.0	20.0	0	20.5	19.2	18.9	18.9	0	19.5
	256QAM	1	0	19.0	18.7	18.7	1.3	19.2	18.6	19.0	19.0	0.3	19.2
		1	25	19.1	18.8	18.9	1.3	19.2	18.7	19.1	19.1	0.3	19.2
		1	49	19.1	18.7	18.8	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		25	0	18.9	18.5	18.6	1.3	19.2	18.6	18.9	19.0	0.3	19.2
		25	12	19.0	18.7	18.7	1.3	19.2	18.7	19.0	18.9	0.3	19.2
		25	25	18.9	18.6	18.8	1.3	19.2	18.6	18.9	19.1	0.3	19.2
		50	0	18.9	18.6	18.7	1.3	19.2	18.6	19.0	19.0	0.3	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		1	12	19.9	20.1	20.3	0	20.5	18.9	19.0	19.2	0	19.5
		1	24	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		12	0	19.9	20.0	20.3	0	20.5	18.8	18.9	19.2	0	19.5
		12	7	20.0	20.0	20.3	0	20.5	18.9	18.9	19.2	0	19.5
		12	13	20.0	20.1	20.3	0	20.5	18.8	19.0	19.2	0	19.5
		25	0	19.9	20.0	20.3	0	20.5	18.9	19.0	19.2	0	19.5
	16QAM	1	0	20.2	20.2	20.5	0	20.5	19.1	19.2	19.5	0	19.5
		1	12	20.2	20.2	20.5	0	20.5	19.1	19.3	19.5	0	19.5
		1	24	20.2	20.2	20.5	0	20.5	19.1	19.2	19.5	0	19.5
		12	0	20.0	20.1	20.4	0	20.5	18.8	19.1	19.2	0	19.5
		12	7	20.1	20.1	20.4	0	20.5	18.9	19.1	19.3	0	19.5
		12	13	20.1	20.2	20.4	0	20.5	18.9	19.1	19.2	0	19.5
		25	0	20.0	20.1	20.3	0	20.5	18.9	19.1	19.3	0	19.5
	64QAM	1	0	20.3	20.1	20.2	0	20.5	19.3	19.0	19.1	0	19.5
		1	12	20.4	20.2	20.3	0	20.5	19.3	19.1	19.2	0	19.5
		1	24	20.3	20.0	20.2	0	20.5	19.3	19.1	19.1	0	19.5
		12	0	20.3	19.9	20.1	0	20.5	19.2	18.8	19.0	0	19.5
		12	7	20.3	20.0	20.1	0	20.5	19.3	19.0	19.1	0	19.5
		12	13	20.3	20.0	20.1	0	20.5	19.3	18.9	19.1	0	19.5
		25	0	20.3	20.0	20.0	0	20.5	19.3	18.9	19.0	0	19.5
	256QAM	1	0	18.9	18.6	18.8	1.3	19.2	18.7	18.9	19.2	0.3	19.2
		1	12	19.1	18.7	18.8	1.3	19.2	18.8	19.0	18.7	0.3	19.2
		1	24	19.0	18.6	18.8	1.3	19.2	18.7	19.0	18.6	0.3	19.2
		12	0	18.9	18.5	18.7	1.3	19.2	18.7	18.8	19.0	0.3	19.2
		12	7	19.0	18.7	18.8	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		12	13	19.0	18.7	18.8	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		25	0	18.9	18.6	18.8	1.3	19.2	18.7	19.0	19.0	0.3	19.2

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			MPR	Max Output Pwr	Power Mode B (dBm)			MPR	Max Output Pwr
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	19.8	19.9	20.2	0	20.5	18.8	18.8	19.1	0	19.5
		1	8	20.0	20.0	20.2	0	20.5	18.9	18.9	19.2	0	19.5
		1	14	19.9	19.9	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		8	0	19.8	20.0	20.2	0	20.5	18.8	18.9	19.2	0	19.5
		8	4	19.9	20.0	20.2	0	20.5	18.9	18.9	19.2	0	19.5
		8	7	19.9	20.1	20.2	0	20.5	18.9	19.0	19.2	0	19.5
		15	0	19.9	20.1	20.2	0	20.5	18.9	19.0	19.1	0	19.5
	16QAM	1	0	20.2	20.4	20.5	0	20.5	19.0	19.0	19.4	0	19.5
		1	8	20.2	20.4	20.5	0	20.5	19.0	19.1	19.5	0	19.5
		1	14	20.1	20.4	20.5	0	20.5	19.0	19.1	19.4	0	19.5
		8	0	20.0	20.1	20.3	0	20.5	18.8	19.0	19.2	0	19.5
		8	4	20.1	20.1	20.4	0	20.5	18.9	19.0	19.2	0	19.5
		8	7	20.0	20.2	20.4	0	20.5	18.9	19.1	19.2	0	19.5
		15	0	20.0	20.1	20.3	0	20.5	18.9	19.0	19.2	0	19.5
	64QAM	1	0	20.3	20.1	20.2	0	20.5	19.5	19.0	19.2	0	19.5
		1	8	20.5	20.2	20.3	0	20.5	19.5	19.1	19.3	0	19.5
		1	14	20.3	20.1	20.2	0	20.5	19.4	19.0	19.1	0	19.5
		8	0	20.3	19.9	20.1	0	20.5	19.3	19.0	19.0	0	19.5
		8	4	20.3	20.0	20.1	0	20.5	19.3	19.0	19.1	0	19.5
		8	7	20.3	20.0	20.1	0	20.5	19.3	19.0	19.1	0	19.5
		15	0	20.2	19.9	20.0	0	20.5	19.3	18.9	19.0	0	19.5
	256QAM	1	0	19.0	18.6	18.8	1.3	19.2	18.7	19.0	19.2	0.3	19.2
		1	8	19.1	18.7	18.9	1.3	19.2	18.8	19.1	19.2	0.3	19.2
		1	14	19.1	18.7	18.8	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		8	0	18.9	18.6	18.7	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		8	4	19.0	18.7	18.8	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		8	7	19.0	18.7	18.8	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		15	0	18.9	18.6	18.7	1.3	19.2	18.7	18.9	19.0	0.3	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			MPR	Max Output Pwr	Power Mode B (dBm)			MPR	Max Output Pwr
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		1	3	19.9	20.0	20.1	0	20.5	18.8	19.0	19.1	0	19.5
		1	5	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		3	0	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		3	1	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		3	3	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
		6	0	19.9	20.0	20.2	0	20.5	18.8	18.9	19.1	0	19.5
	16QAM	1	0	20.2	20.2	20.4	0	20.5	19.1	19.0	19.3	0	19.5
		1	3	20.2	20.2	20.3	0	20.5	19.1	19.0	19.3	0	19.5
		1	5	20.2	20.2	20.4	0	20.5	19.1	19.0	19.3	0	19.5
		3	0	20.0	20.2	20.3	0	20.5	18.9	19.0	19.2	0	19.5
		3	1	20.1	20.2	20.3	0	20.5	19.0	19.1	19.2	0	19.5
		3	3	20.1	20.2	20.3	0	20.5	18.9	19.1	19.2	0	19.5
		6	0	19.9	20.1	20.3	0	20.5	18.9	19.1	19.2	0	19.5
	64QAM	1	0	20.4	20.0	20.2	0	20.5	18.9	19.0	19.2	0	19.5
		1	3	20.4	20.0	20.2	0	20.5	19.0	19.1	19.2	0	19.5
		1	5	20.4	19.9	20.2	0	20.5	19.5	19.0	19.2	0	19.5
		3	0	20.2	20.0	20.1	0	20.5	19.3	19.0	19.1	0	19.5
		3	1	20.3	20.1	20.2	0	20.5	19.3	19.0	19.1	0	19.5
		3	3	20.2	20.0	20.2	0	20.5	19.3	19.0	19.1	0	19.5
		6	0	20.2	19.9	20.1	0	20.5	19.3	19.0	19.0	0	19.5
	256QAM	1	0	19.0	18.8	18.7	1.3	19.2	18.7	19.1	19.1	0.3	19.2
		1	3	19.0	18.7	18.9	1.3	19.2	18.7	19.1	19.1	0.3	19.2
		1	5	19.0	18.6	18.8	1.3	19.2	18.7	19.0	19.1	0.3	19.2
		3	0	18.9	18.6	18.8	1.3	19.2	18.7	18.9	19.1	0.3	19.2
		3	1	18.9	18.6	18.8	1.3	19.2	18.7	18.9	19.1	0.3	19.2
		3	3	18.9	18.6	18.8	1.3	19.2	18.8	18.9	19.1	0.3	19.2
		6	0	18.9	18.6	18.8	1.3	19.2	18.8	18.9	18.9	0.3	19.2

LTE Band 71 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Max Output Pwr	133297 / 680.5 MHz	MPR	Max Output Pwr
20	QPSK	1	0	25.0	0	25.7	25.0	0	25.7
		1	49	25.2	0	25.7	25.2	0	25.7
		1	99	25.2	0	25.7	25.2	0	25.7
		50	0	24.1	1	24.7	24.1	1	24.7
		50	24	24.3	1	24.7	24.3	1	24.7
		50	50	24.3	1	24.7	24.3	1	24.7
		100	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	49	24.5	1	24.7	24.5	1	24.7
		1	99	24.5	1	24.7	24.5	1	24.7
		50	0	23.2	2	23.7	23.2	2	23.7
		50	24	23.2	2	23.7	23.2	2	23.7
		50	50	23.3	2	23.7	23.3	2	23.7
		100	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	49	23.5	2	23.7	23.5	2	23.7
		1	99	23.5	2	23.7	23.5	2	23.7
		50	0	22.3	3	22.7	22.3	3	22.7
		50	24	22.4	3	22.7	22.4	3	22.7
		50	50	22.4	3	22.7	22.4	3	22.7
		100	0	22.4	3	22.7	22.4	3	22.7
	256QAM	1	0	20.4	5	20.7	20.4	5	20.7
		1	49	20.5	5	20.7	20.5	5	20.7
		1	99	20.7	5	20.7	20.7	5	20.7
		50	0	20.3	5	20.7	20.3	5	20.7
		50	24	20.4	5	20.7	20.4	5	20.7
		50	50	20.4	5	20.7	20.4	5	20.7
		100	0	20.4	5	20.7	20.4	5	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Max Output Pwr	133297 / 680.5 MHz	MPR	Max Output Pwr
15	QPSK	1	0	25.0	0	25.7	25.0	0	25.7
		1	37	25.0	0	25.7	25.0	0	25.7
		1	74	25.1	0	25.7	25.1	0	25.7
		36	0	24.1	1	24.7	24.1	1	24.7
		36	20	24.2	1	24.7	24.2	1	24.7
		36	39	24.2	1	24.7	24.2	1	24.7
		75	0	24.2	1	24.7	24.2	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7
		1	37	24.7	1	24.7	24.7	1	24.7
		1	74	24.5	1	24.7	24.5	1	24.7
		36	0	23.2	2	23.7	23.2	2	23.7
		36	20	23.2	2	23.7	23.2	2	23.7
		36	39	23.2	2	23.7	23.2	2	23.7
		75	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.4	2	23.7	23.4	2	23.7
		1	37	23.4	2	23.7	23.4	2	23.7
		1	74	23.5	2	23.7	23.5	2	23.7
		36	0	22.2	3	22.7	22.2	3	22.7
		36	20	22.3	3	22.7	22.3	3	22.7
		36	39	22.3	3	22.7	22.3	3	22.7
		75	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	5	20.7
		1	37	20.4	5	20.7	20.4	5	20.7
		1	74	20.4	5	20.7	20.4	5	20.7
		36	0	20.3	5	20.7	20.3	5	20.7
		36	20	20.3	5	20.7	20.3	5	20.7
		36	39	20.3	5	20.7	20.3	5	20.7
		75	0	20.4	5	20.7	20.4	5	20.7

LTE Band 71 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133172	133297	133422	MPR	Max Output Pwr	133172	133297	133422	MPR	Max Output Pwr
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	25.3	25.2	25.4	0	25.7	25.3	25.2	25.4	0	25.7
		1	25	25.4	25.2	25.4	0	25.7	25.4	25.2	25.4	0	25.7
		1	49	25.2	25.3	25.4	0	25.7	25.2	25.3	25.4	0	25.7
		25	0	24.4	24.3	24.5	1	24.7	24.4	24.3	24.5	1	24.7
		25	12	24.4	24.3	24.5	1	24.7	24.4	24.3	24.5	1	24.7
		25	25	24.4	24.4	24.5	1	24.7	24.4	24.4	24.5	1	24.7
		50	0	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
	16QAM	1	0	24.5	24.6	24.7	1	24.7	24.5	24.6	24.7	1	24.7
		1	25	24.5	24.6	24.7	1	24.7	24.5	24.6	24.7	1	24.7
		1	49	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		25	0	23.4	23.3	23.5	2	23.7	23.4	23.3	23.5	2	23.7
		25	12	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
		25	25	23.4	23.4	23.6	2	23.7	23.4	23.4	23.6	2	23.7
		50	0	23.4	23.3	23.5	2	23.7	23.4	23.3	23.5	2	23.7
	64QAM	1	0	23.7	23.5	23.7	2	23.7	23.7	23.5	23.7	2	23.7
		1	25	23.7	23.6	23.7	2	23.7	23.7	23.6	23.7	2	23.7
		1	49	23.7	23.7	23.7	2	23.7	23.7	23.7	23.7	2	23.7
		25	0	22.5	22.4	22.6	3	22.7	22.5	22.4	22.6	3	22.7
		25	12	22.5	22.4	22.6	3	22.7	22.5	22.4	22.6	3	22.7
		25	25	22.5	22.5	22.7	3	22.7	22.5	22.5	22.7	3	22.7
		50	0	22.5	22.4	22.6	3	22.7	22.5	22.4	22.6	3	22.7
	256QAM	1	0	20.7	20.4	20.6	5	20.7	20.7	20.4	20.6	5	20.7
		1	25	20.6	20.6	20.7	5	20.7	20.6	20.6	20.7	5	20.7
		1	49	20.7	20.7	20.7	5	20.7	20.7	20.7	20.7	5	20.7
		25	0	20.5	20.4	20.6	5	20.7	20.5	20.4	20.6	5	20.7
		25	12	20.6	20.4	20.6	5	20.7	20.6	20.4	20.6	5	20.7
		25	25	20.5	20.5	20.7	5	20.7	20.5	20.5	20.7	5	20.7
		50	0	20.5	20.5	20.6	5	20.7	20.5	20.5	20.6	5	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Max Output Pwr	133147	133297	133447	MPR	Max Output Pwr
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	25.2	25.2	25.4	0	25.7	25.2	25.2	25.4	0	25.7
		1	12	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
		1	24	25.3	25.2	25.3	0	25.7	25.3	25.2	25.3	0	25.7
		12	0	24.3	24.3	24.5	1	24.7	24.3	24.3	24.5	1	24.7
		12	7	24.4	24.4	24.5	1	24.7	24.4	24.4	24.5	1	24.7
		12	13	24.4	24.4	24.5	1	24.7	24.4	24.4	24.5	1	24.7
		25	0	24.4	24.3	24.5	1	24.7	24.4	24.3	24.5	1	24.7
	16QAM	1	0	24.7	24.6	24.7	1	24.7	24.7	24.6	24.7	1	24.7
		1	12	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	24	24.7	24.6	24.7	1	24.7	24.7	24.6	24.7	1	24.7
		12	0	23.4	23.4	23.6	2	23.7	23.4	23.4	23.6	2	23.7
		12	7	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		12	13	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
		25	0	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
	64QAM	1	0	23.7	23.5	23.6	2	23.7	23.7	23.5	23.6	2	23.7
		1	12	23.7	23.5	23.7	2	23.7	23.7	23.5	23.7	2	23.7
		1	24	23.7	23.5	23.6	2	23.7	23.7	23.5	23.6	2	23.7
		12	0	22.5	22.3	22.6	3	22.7	22.5	22.3	22.6	3	22.7
		12	7	22.6	22.5	22.7	3	22.7	22.6	22.5	22.7	3	22.7
		12	13	22.5	22.4	22.6	3	22.7	22.5	22.4	22.6	3	22.7
		25	0	22.5	22.4	22.6	3	22.7	22.5	22.4	22.6	3	22.7
	256QAM	1	0	20.6	20.5	20.7	5	20.7	20.6	20.5	20.7	5	20.7
		1	12	20.7	20.6	20.7	5	20.7	20.7	20.6	20.7	5	20.7
		1	24	20.6	20.5	20.7	5	20.7	20.6	20.5	20.7	5	20.7
		12	0	20.4	20.4	20.6	5	20.7	20.4	20.4	20.6	5	20.7
		12	7	20.6	20.5	20.6	5	20.7	20.6	20.5	20.6	5	20.7
		12	13	20.5	20.4	20.6	5	20.7	20.5	20.4	20.6	5	20.7
		25	0	20.6	20.4	20.6	5	20.7	20.6	20.4	20.6	5	20.7

LTE Band 71 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297	MPR	Max Output Pwr	133297	MPR	Max Output Pwr
				680.5 MHz			680.5 MHz		
20	QPSK	1	0	23.7	0	24.2	24.1	0	24.7
		1	49	23.7	0	24.2	24.2	0	24.7
		1	99	23.7	0	24.2	24.3	0	24.7
		50	0	23.3	0.5	23.7	23.2	1	23.7
		50	24	23.4	0.5	23.7	23.4	1	23.7
		50	50	23.4	0.5	23.7	23.4	1	23.7
		100	0	23.4	0.5	23.7	23.4	1	23.7
	16QAM	1	0	23.4	0.5	23.7	23.3	1	23.7
		1	49	23.5	0.5	23.7	23.5	1	23.7
		1	99	23.6	0.5	23.7	23.6	1	23.7
		50	0	22.3	1.5	22.7	22.3	2	22.7
		50	24	22.4	1.5	22.7	22.4	2	22.7
		50	50	22.5	1.5	22.7	22.5	2	22.7
		100	0	22.4	1.5	22.7	22.4	2	22.7
	64QAM	1	0	22.3	1.5	22.7	22.4	2	22.7
		1	49	22.5	1.5	22.7	22.6	2	22.7
		1	99	22.5	1.5	22.7	22.6	2	22.7
		50	0	21.2	2.5	21.7	21.3	3	21.7
		50	24	21.3	2.5	21.7	21.4	3	21.7
		50	50	21.4	2.5	21.7	21.5	3	21.7
		100	0	21.3	2.5	21.7	21.4	3	21.7
	256QAM	1	0	19.3	4.5	19.7	19.4	5	19.7
		1	49	19.4	4.5	19.7	19.5	5	19.7
		1	99	19.6	4.5	19.7	19.7	5	19.7
		50	0	19.2	4.5	19.7	19.3	5	19.7
		50	24	19.3	4.5	19.7	19.4	5	19.7
		50	50	19.4	4.5	19.7	19.5	5	19.7
		100	0	19.3	4.5	19.7	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297	MPR	Max Output Pwr	133297	MPR	Max Output Pwr
				680.5 MHz			680.5 MHz		
15	QPSK	1	0	23.6	0	24.2	24.1	0	24.7
		1	37	23.6	0	24.2	24.1	0	24.7
		1	74	23.7	0	24.2	24.2	0	24.7
		36	0	23.3	0.5	23.7	23.3	1	23.7
		36	20	23.4	0.5	23.7	23.4	1	23.7
		36	39	23.4	0.5	23.7	23.4	1	23.7
		75	0	23.4	0.5	23.7	23.4	1	23.7
	16QAM	1	0	23.6	0.5	23.7	23.5	1	23.7
		1	37	23.7	0.5	23.7	23.7	1	23.7
		1	74	23.6	0.5	23.7	23.7	1	23.7
		36	0	22.3	1.5	22.7	22.3	2	22.7
		36	20	22.4	1.5	22.7	22.4	2	22.7
		36	39	22.4	1.5	22.7	22.4	2	22.7
		75	0	22.4	1.5	22.7	22.4	2	22.7
	64QAM	1	0	22.3	1.5	22.7	22.4	2	22.7
		1	37	22.4	1.5	22.7	22.5	2	22.7
		1	74	22.4	1.5	22.7	22.5	2	22.7
		36	0	21.2	2.5	21.7	21.3	3	21.7
		36	20	21.2	2.5	21.7	21.3	3	21.7
		36	39	21.3	2.5	21.7	21.4	3	21.7
		75	0	21.2	2.5	21.7	21.3	3	21.7
	256QAM	1	0	19.1	4.5	19.7	19.2	5	19.7
		1	37	19.3	4.5	19.7	19.4	5	19.7
		1	74	19.3	4.5	19.7	19.4	5	19.7
		36	0	19.2	4.5	19.7	19.3	5	19.7
		36	20	19.2	4.5	19.7	19.3	5	19.7
		36	39	19.3	4.5	19.7	19.4	5	19.7
		75	0	19.2	4.5	19.7	19.3	5	19.7

LTE Band 71 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133172	133297	133422	MPR	Max Output Pwr	133172	133297	133422	MPR	Max Output Pwr
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	23.8	23.9	24.1	0	24.2	24.5	24.4	24.3	0	24.7
		1	25	23.9	23.9	24.2	0	24.2	24.6	24.4	24.4	0	24.7
		1	49	23.8	24.0	24.1	0	24.2	24.5	24.5	24.4	0	24.7
		25	0	23.4	23.4	23.6	0.5	23.7	23.6	23.4	23.4	1	23.7
		25	12	23.4	23.4	23.7	0.5	23.7	23.6	23.4	23.5	1	23.7
		25	25	23.4	23.5	23.7	0.5	23.7	23.6	23.5	23.4	1	23.7
		50	0	23.4	23.5	23.6	0.5	23.7	23.6	23.5	23.5	1	23.7
	16QAM	1	0	23.6	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		1	25	23.6	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		1	49	23.6	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		25	0	22.4	22.4	22.7	1.5	22.7	22.7	22.4	22.4	2	22.7
		25	12	22.5	22.5	22.7	1.5	22.7	22.7	22.5	22.5	2	22.7
		25	25	22.5	22.5	22.7	1.5	22.7	22.7	22.5	22.4	2	22.7
		50	0	22.5	22.5	22.6	1.5	22.7	22.6	22.5	22.5	2	22.7
	64QAM	1	0	22.6	22.5	22.7	1.5	22.7	22.7	22.6	22.7	2	22.7
		1	25	22.6	22.6	22.7	1.5	22.7	22.7	22.7	22.7	2	22.7
		1	49	22.6	22.6	22.7	1.5	22.7	22.7	22.7	22.7	2	22.7
		25	0	21.3	21.4	21.5	2.5	21.7	21.4	21.5	21.6	3	21.7
		25	12	21.4	21.4	21.5	2.5	21.7	21.5	21.5	21.6	3	21.7
		25	25	21.4	21.5	21.6	2.5	21.7	21.5	21.6	21.7	3	21.7
		50	0	21.4	21.4	21.5	2.5	21.7	21.5	21.5	21.6	3	21.7
	256QAM	1	0	19.4	19.5	19.6	4.5	19.7	19.5	19.6	19.7	5	19.7
		1	25	19.6	19.7	19.6	4.5	19.7	19.7	19.7	19.7	5	19.7
		1	49	19.6	19.7	19.7	4.5	19.7	19.7	19.7	19.7	5	19.7
		25	0	19.3	19.4	19.5	4.5	19.7	19.4	19.5	19.6	5	19.7
		25	12	19.4	19.4	19.5	4.5	19.7	19.5	19.5	19.6	5	19.7
		25	25	19.4	19.5	19.6	4.5	19.7	19.5	19.6	19.7	5	19.7
		50	0	19.4	19.4	19.5	4.5	19.7	19.5	19.5	19.6	5	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Max Output Pwr	133147	133297	133447	MPR	Max Output Pwr
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	23.8	23.8	24.1	0	24.2	24.5	24.3	24.3	0	24.7
		1	12	23.9	23.9	24.1	0	24.2	24.6	24.4	24.4	0	24.7
		1	24	23.8	23.8	24.0	0	24.2	24.5	24.3	24.3	0	24.7
		12	0	23.4	23.4	23.7	0.5	23.7	23.6	23.4	23.4	1	23.7
		12	7	23.5	23.5	23.7	0.5	23.7	23.7	23.5	23.5	1	23.7
		12	13	23.4	23.4	23.6	0.5	23.7	23.6	23.4	23.4	1	23.7
		25	0	23.5	23.4	23.7	0.5	23.7	23.6	23.4	23.4	1	23.7
	16QAM	1	0	23.7	23.7	23.7	0.5	23.7	23.7	23.6	23.7	1	23.7
		1	12	23.7	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		1	24	23.7	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		12	0	22.5	22.4	22.6	1.5	22.7	22.7	22.3	22.5	2	22.7
		12	7	22.6	22.5	22.6	1.5	22.7	22.7	22.5	22.6	2	22.7
		12	13	22.6	22.5	22.7	1.5	22.7	22.7	22.4	22.5	2	22.7
		25	0	22.5	22.5	22.7	1.5	22.7	22.7	22.4	22.5	2	22.7
	64QAM	1	0	22.5	22.5	22.6	1.5	22.7	22.6	22.6	22.7	2	22.7
		1	12	22.6	22.5	22.7	1.5	22.7	22.7	22.6	22.7	2	22.7
		1	24	22.5	22.5	22.6	1.5	22.7	22.6	22.6	22.7	2	22.7
		12	0	21.3	21.4	21.5	2.5	21.7	21.4	21.5	21.6	3	21.7
		12	7	21.4	21.4	21.6	2.5	21.7	21.5	21.5	21.7	3	21.7
		12	13	21.4	21.5	21.5	2.5	21.7	21.5	21.6	21.6	3	21.7
		25	0	21.4	21.4	21.5	2.5	21.7	21.5	21.5	21.6	3	21.7
	256QAM	1	0	19.3	19.4	19.7	4.5	19.7	19.4	19.5	19.7	5	19.7
		1	12	19.4	19.6	19.7	4.5	19.7	19.5	19.7	19.7	5	19.7
		1	24	19.4	19.5	19.7	4.5	19.7	19.5	19.6	19.7	5	19.7
		12	0	19.3	19.4	19.5	4.5	19.7	19.4	19.5	19.6	5	19.7
		12	7	19.4	19.4	19.6	4.5	19.7	19.5	19.5	19.7	5	19.7
		12	13	19.4	19.4	19.5	4.5	19.7	19.5	19.5	19.6	5	19.7
		25	0	19.4	19.4	19.6	4.5	19.7	19.5	19.5	19.7	5	19.7

LTE Band 71 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297	MPR	Max Output Pwr	133297	MPR	Max Output Pwr
				680.5 MHz			680.5 MHz		
20	QPSK	1	0	25.0	0	25.4	25.0	0	25.4
		1	49	25.0	0	25.4	25.0	0	25.4
		1	99	25.0	0	25.4	25.0	0	25.4
		50	0	24.1	1	24.4	24.1	1	24.4
		50	24	24.2	1	24.4	24.2	1	24.4
		50	50	24.2	1	24.4	24.2	1	24.4
		100	0	24.2	1	24.4	24.2	1	24.4
	16QAM	1	0	24.3	1	24.4	24.3	1	24.4
		1	49	24.4	1	24.4	24.4	1	24.4
		1	99	24.4	1	24.4	24.4	1	24.4
		50	0	23.1	2	23.4	23.1	2	23.4
		50	24	23.2	2	23.4	23.2	2	23.4
		50	50	23.2	2	23.4	23.2	2	23.4
		100	0	23.2	2	23.4	23.2	2	23.4
	64QAM	1	0	23.4	2	23.4	23.4	2	23.4
		1	49	23.2	2	23.4	23.2	2	23.4
		1	99	23.1	2	23.4	23.1	2	23.4
		50	0	22.0	3	22.4	22.0	3	22.4
		50	24	22.0	3	22.4	22.0	3	22.4
		50	50	22.0	3	22.4	22.0	3	22.4
		100	0	21.9	3	22.4	21.9	3	22.4
	256QAM	1	0	20.1	5	20.4	20.1	5	20.4
		1	49	20.2	5	20.4	20.2	5	20.4
		1	99	20.2	5	20.4	20.2	5	20.4
		50	0	20.0	5	20.4	20.0	5	20.4
		50	24	20.0	5	20.4	20.0	5	20.4
		50	50	20.0	5	20.4	20.0	5	20.4
		100	0	19.9	5	20.4	19.9	5	20.4

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297	MPR	Max Output Pwr	133297	MPR	Max Output Pwr
				680.5 MHz			680.5 MHz		
15	QPSK	1	0	24.2	0	25.4	24.2	0	25.4
		1	37	25.0	0	25.4	25.0	0	25.4
		1	74	25.1	0	25.4	25.1	0	25.4
		36	0	24.1	1	24.4	24.1	1	24.4
		36	20	24.1	1	24.4	24.1	1	24.4
		36	39	24.2	1	24.4	24.2	1	24.4
		75	0	24.1	1	24.4	24.1	1	24.4
	16QAM	1	0	24.3	1	24.4	24.3	1	24.4
		1	37	24.4	1	24.4	24.4	1	24.4
		1	74	24.4	1	24.4	24.4	1	24.4
		36	0	23.1	2	23.4	23.1	2	23.4
		36	20	23.1	2	23.4	23.1	2	23.4
		36	39	23.2	2	23.4	23.2	2	23.4
		75	0	23.2	2	23.4	23.2	2	23.4
	64QAM	1	0	23.4	2	23.4	23.4	2	23.4
		1	37	23.2	2	23.4	23.2	2	23.4
		1	74	23.2	2	23.4	23.2	2	23.4
		36	0	21.9	3	22.4	21.9	3	22.4
		36	20	22.0	3	22.4	22.0	3	22.4
		36	39	22.0	3	22.4	22.0	3	22.4
		75	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	20.0	5	20.4	20.0	5	20.4
		1	37	20.2	5	20.4	20.2	5	20.4
		1	74	20.4	5	20.4	20.4	5	20.4
		36	0	19.9	5	20.4	19.9	5	20.4
		36	20	20.0	5	20.4	20.0	5	20.4
		36	39	20.0	5	20.4	20.0	5	20.4
		75	0	20.0	5	20.4	20.0	5	20.4

LTE Band 71 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133172	133297	133422	MPR	Max Output Pwr	133172	133297	133422	MPR	Max Output Pwr
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	25.1	25.1	25.3	0	25.4	25.1	25.1	25.3	0	25.4
		1	25	25.0	25.1	25.3	0	25.4	25.0	25.1	25.3	0	25.4
		1	49	25.0	25.1	25.3	0	25.4	25.0	25.1	25.3	0	25.4
		25	0	24.1	24.1	24.2	1	24.4	24.1	24.1	24.2	1	24.4
		25	12	24.1	24.1	24.2	1	24.4	24.1	24.1	24.2	1	24.4
		25	25	24.1	24.1	24.2	1	24.4	24.1	24.1	24.2	1	24.4
		50	0	24.1	24.1	24.2	1	24.4	24.1	24.1	24.2	1	24.4
	16QAM	1	0	24.4	24.4	24.2	1	24.4	24.4	24.4	24.2	1	24.4
		1	25	24.4	24.4	24.2	1	24.4	24.4	24.4	24.2	1	24.4
		1	49	24.4	24.4	24.2	1	24.4	24.4	24.4	24.2	1	24.4
		25	0	23.1	23.1	21.8	2	23.4	23.1	23.1	21.8	2	23.4
		25	12	23.1	23.1	21.8	2	23.4	23.1	23.1	21.8	2	23.4
		25	25	23.2	23.2	21.8	2	23.4	23.2	23.2	21.8	2	23.4
		50	0	23.1	23.1	21.8	2	23.4	23.1	23.1	21.8	2	23.4
	64QAM	1	0	23.3	23.3	22.1	2	23.4	23.3	23.3	22.1	2	23.4
		1	25	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	49	23.3	23.3	23.2	2	23.4	23.3	23.3	23.2	2	23.4
		25	0	22.1	22.0	22.1	3	22.4	22.1	22.0	22.1	3	22.4
		25	12	22.2	22.1	22.2	3	22.4	22.2	22.1	22.2	3	22.4
		25	25	22.1	22.1	22.1	3	22.4	22.1	22.1	22.1	3	22.4
		50	0	22.1	22.1	22.1	3	22.4	22.1	22.1	22.1	3	22.4
	256QAM	1	0	20.2	20.1	20.2	5	20.4	20.2	20.1	20.2	5	20.4
		1	25	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	49	20.2	20.1	20.3	5	20.4	20.2	20.1	20.3	5	20.4
		25	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		25	12	20.2	20.1	20.2	5	20.4	20.2	20.1	20.2	5	20.4
		25	25	20.2	20.1	20.1	5	20.4	20.2	20.1	20.1	5	20.4
		50	0	20.2	20.1	20.1	5	20.4	20.2	20.1	20.1	5	20.4

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Max Output Pwr	133147	133297	133447	MPR	Max Output Pwr
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	24.2	24.9	24.2	0	25.4	24.2	24.9	24.2	0	25.4
		1	12	25.0	25.0	25.0	0	25.4	25.0	25.0	25.0	0	25.4
		1	24	25.0	25.0	25.0	0	25.4	25.0	25.0	25.0	0	25.4
		12	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	7	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	13	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		25	0	24.1	24.0	24.0	1	24.4	24.1	24.0	24.0	1	24.4
	16QAM	1	0	24.3	24.4	24.2	1	24.4	24.3	24.4	24.2	1	24.4
		1	12	24.3	24.4	24.3	1	24.4	24.3	24.4	24.3	1	24.4
		1	24	24.4	24.4	24.3	1	24.4	24.4	24.4	24.3	1	24.4
		12	0	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		12	7	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		12	13	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		25	0	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
	64QAM	1	0	23.4	23.0	23.4	2	23.4	23.4	23.0	23.4	2	23.4
		1	12	23.0	23.1	23.1	2	23.4	23.0	23.1	23.1	2	23.4
		1	24	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		12	0	22.4	22.4	22.4	3	22.4	22.4	22.4	22.4	3	22.4
		12	7	22.4	22.4	22.4	3	22.4	22.4	22.4	22.4	3	22.4
		12	13	21.9	22.4	22.4	3	22.4	21.9	22.4	22.4	3	22.4
		25	0	21.9	21.9	21.9	3	22.4	21.9	21.9	21.9	3	22.4
	256QAM	1	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		1	12	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		1	24	20.2	20.2	20.3	5	20.4	20.2	20.2	20.3	5	20.4
		12	0	19.9	20.0	20.0	5	20.4	19.9	20.0	20.0	5	20.4
		12	7	19.9	19.9	20.0	5	20.4	19.9	19.9	20.0	5	20.4
		12	13	19.9	19.9	20.0	5	20.4	19.9	19.9	20.0	5	20.4
		25	0	19.9	19.9	20.0	5	20.4	19.9	19.9	20.0	5	20.4

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

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

Where M_A is defined as follows

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

$3.83 – 0.83A$;$0.4 \le A \le 1$

and M_{IM5} is defined as follows

$M_{IM5} =$ 4.5 ; $\Delta_{IM5} < 1.5 * BW_{Channel\_CA}$

6.0 ; $1.5 * BW_{Channel\_CA} \le \Delta_{IM5} < BW_{Channel\_CA}/2 + \Delta f_{ooB}$

M_A ; $\Delta_{IM5} \ge BW_{Channel\_CA}/2 + \Delta f_{ooB}$

Where

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

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

CEIL{M_A, 0.5} means rounding upwards to closest 0.5dB, i.e. MPR ∈ [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 tfor those E-UTRA bands where maximum possible $W_{GAP} \le 42.2$ MHz as follows

MPR = CEIL{M_A, 0.5}

Where M_N is defined as follows

$M_N =$ -0.125N + 18.25 ; $2 \le N \le 50$

-0.0333 N + 13.67 ; $50 < N \le 200$

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 ≤ 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 ≤ 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

Intra-Band Contiguous	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		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	Mode A	Mode B
CA_5B	QPSK	24.7	24.7	22.5	23.7	24.4	24.4			25.7	25.7	23.5	24.7	25.4	25.4		
CA_7C	QPSK	22.0	19.0	16.0	18.0	19.2	18.2	18.2	17.2	23.0	20.0	17.0	19.0	20.2	19.2	19.2	18.2
CA_41C (PC3)	QPSK	24.2	21.0	17.5	19.5	21.7	20.8	20.5	19.2	25.2	22.0	18.5	20.5	22.7	21.8	21.5	20.2
CA_41C (PC2)	QPSK	25.8	22.6	19.1	21.1	23.3	22.4	22.1	20.8	26.8	23.6	20.1	22.1	24.3	23.4	23.1	21.8
Intra-Band Contiguous	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4		ANT7		ANT8		ANT9		ANT4	
		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	Mode A	Mode B
CA_48C	QPSK	22.5	21.5	21.8	21.5	24.0	21.8	22.2	20.5	23.5	22.5	22.8	22.5	25.0	22.8	23.2	21.5

LTE CA_5B Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power			CA Inactive Power Setting	CA Active Power Setting
				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	25.2	25.7	25.3	0.1	25.0	22.00
CA_5B	ANT 1	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	25.2	25.7	25.3	0.1	25.0	22.00
CA_5B	ANT 2	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	23.5	22.6	23.5	22.5	-0.1	22.8	19.80
CA_5B	ANT 2	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	24.7	24.4	24.7	24.3	-0.1	24.5	21.50
CA_5B	ANT 3	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	25.4	24.8	25.4	24.9	0.1	24.7	21.70
CA_5B	ANT 3	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.4	24.8	25.4	24.9	0.1	24.7	21.70

Note(s):
PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

LTE CA_7C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power			CA Inactive Power Setting	CA Active Power Setting
				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	23.0	22.4	23.0	22.4	0.0	22.3	19.30
CA_7C	ANT 1	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.0	19.4	20.0	19.3	-0.1	19.3	16.30
CA_7C	ANT 1	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	20.0	19.3	20.0	19.3	0.0	19.3	16.30
CA_7C	ANT 2	Mode A	QPSK	20	2540.2	1	99	20	2560.0	1	0	17.0	16.0	17.0	15.9	-0.1	16.3	13.30
CA_7C	ANT 2	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	19.0	18.0	19.0	18.1	0.1	18.3	15.30
CA_7C	ANT 3	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.2	19.6	20.2	19.4	-0.2	19.5	16.50
CA_7C	ANT 3	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.2	18.6	19.2	18.5	-0.1	18.5	15.50
CA_7C	ANT 3	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	19.2	18.5	19.2	18.5	0.0	18.5	15.50
CA_7C	ANT 4	Mode A	QPSK	20	2540.2	1	99	20	2560.0	1	0	19.2	18.1	19.2	18.0	-0.1	18.5	15.50
CA_7C	ANT 4	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	18.2	17.5	18.2	17.3	-0.2	17.5	14.50
CA_7C	ANT 4	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	18.2	17.5	18.2	17.3	-0.2	17.5	14.50

Note(s):
PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

LTE CA_41C (PC3) Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power			CA Inactive Power Setting	CA Active Power Setting
				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	25.2	25.0	25.2	24.7	-0.3	24.5	21.50
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.0	21.8	22.0	21.9	0.1	21.3	18.30
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.0	21.8	22.0	21.9	0.1	21.3	18.30
CA_41C	ANT 2	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	18.5	17.4	18.5	17.3	-0.1	17.8	14.80
CA_41C	ANT 2	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	20.5	19.8	20.5	19.7	-0.1	19.8	16.80
CA_41C	ANT 3	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.7	22.2	22.7	22.0	-0.2	22.0	19.00
CA_41C	ANT 3	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.8	21.4	21.8	21.4	0.0	21.1	18.10
CA_41C	ANT 3	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.8	21.4	21.8	21.4	0.0	21.1	18.10
CA_41C	ANT 4	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.5	20.5	21.5	20.4	-0.1	20.8	17.80
CA_41C	ANT 4	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.2	19.3	20.2	19.3	0.0	19.5	16.50
CA_41C	ANT 4	Mode B	QPSK	20	2660.2	1	99	20	2680	1	0	20.2	18.9	20.2	19.1	0.2	19.5	16.50

Note(s):

1. PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.
2. Additional SAR for UL CA PC2 is not required. Test reduction has been applied based on standalone SAR.
3. SAR evaluation for PC2 is only required when its Maximum output power is higher from PC3.

LTE CA_48C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power			CA Inactive Power Setting	CA Active Power Setting
				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	3615.1	1	99	20	3634.9	1	0	23.5	22.6	23.5	22.5	-0.1	22.5	19.50
CA_48C	ANT 7	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.5	21.7	22.5	21.7	0.0	21.5	18.50
CA_48C	ANT 7	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.5	21.7	22.5	21.7	0.0	21.5	18.50
CA_48C	ANT 8	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.8	20.9	22.8	20.8	-0.1	21.8	18.80
CA_48C	ANT 8	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.5	20.6	22.5	20.5	-0.1	21.5	18.50
CA_48C	ANT 8	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.5	20.6	22.5	20.5	-0.1	21.5	18.50
CA_48C	ANT 9	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	25.0	24.5	25.0	24.4	-0.1	24.3	21.30
CA_48C	ANT 9	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.8	22.0	22.8	21.9	-0.1	21.8	18.80
CA_48C	ANT 4	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	23.2	22.4	23.2	22.3	-0.1	22.8	19.80
CA_48C	ANT 4	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.5	20.5	21.5	20.3	-0.2	20.5	17.50

Note(s):

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

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 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:

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

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). The tables appendix G is show the supported frequency bands of the device for DL Inter-band and DL Intra-band combinations.

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	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
	≤ 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 *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* 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 *powerBoostPi2BPSK* 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_1RB_Left	Edge_1RB_Right	Outer_Full	Inner_Full	Inner_1RB_Left	Inner_1RB_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
	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
90MHz	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@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
100MHz	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@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

Note 1: The allocated RB number L_{CRB} is ceil(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 ≤ 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)

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 QPSK, 16QAM, 64QAM and 256QAM. When the highest maximum output power for QPSK, 16QAM, 64QAM and 256QAM is ≤ ½ dB higher than the Pi/2 BPSK or when the reported SAR for the Pi/2 BPSK configuration is ≤ 1.45 W/kg.

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

RF Air interface	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		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	Mode A	Mode B
NR n2	QPSK	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
NR n5	QPSK	24.7	24.7	22.5	24.2	24.4	24.4			25.7	25.7	23.5	25.2	25.4	25.4		
NR n7	QPSK	22.0	19.0	16.0	18.0	19.2	18.2	18.2	17.2	23.0	20.0	17.0	19.0	20.2	19.2	19.2	18.2
NR n12	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
NR n14	QPSK	24.7	24.7	22.7	23.7	24.4	24.4			25.7	25.7	23.7	24.7	25.4	25.4		
NR n25	QPSK	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
NR n26	QPSK	24.7	24.7	22.5	23.7	24.4	24.4			25.7	25.7	23.5	24.7	25.4	25.4		
NR n30	QPSK	21.2	19.0	18.5	18.7	20.0	19.2	20.5	18.0	22.2	20.0	19.5	19.7	21.0	20.2	21.5	19.0
NR n41 (PC3)	QPSK	22.2	19.0	15.5	17.5	19.7	18.8	18.5	17.2	23.2	20.0	16.5	18.5	20.7	19.8	19.5	18.2
NR n41 (PC2)	QPSK	25.2	22.0	18.5	20.5	22.7	21.8	21.5	20.2	26.2	23.0	19.5	21.5	23.7	22.8	22.5	21.2
NR n53	QPSK	19.7	19.0	15.5	17.5					20.7	20.0	16.5	18.5				
NR n66	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
NR n70	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
NR n71	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
RF Air interface	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4		ANT7		ANT8		ANT9		ANT4	
		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	Mode A	Mode B
NR n48	QPSK	20.5	19.5	19.8	19.5	22.3	19.8	20.8	18.5	21.5	20.5	20.8	20.5	23.3	20.8	21.8	19.5
NR n77 (PC3)	QPSK	20.5	18.3	19.8	18.3	20.3	17.8	19.8	18.5	21.5	19.3	20.8	19.3	21.3	18.8	20.8	19.5
NR n77 (PC2)	QPSK	23.5	21.3	22.8	21.3	23.3	20.8	22.8	21.5	24.5	22.3	23.8	22.3	24.3	21.8	23.8	22.5

NR Band 5 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166800	167300	167800	MPR	Max Output Pwr	166800	167300	167800	MPR	Max Output Pwr
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	53		25.6		0	25.7		25.6		0	25.7
				1	104		25.5		0	25.7		25.5		0	25.7
				50	28		25.7		0	25.7		25.7		0	25.7
			QPSK	1	1		25.7		0	25.7		25.7		0	25.7
				1	53		25.6		0	25.7		25.6		0	25.7
				1	104		25.5		0	25.7		25.5		0	25.7
				50	28		25.7		0	25.7		25.7		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166300	167300	168300	MPR	Max Output Pwr	166300	167300	168300	MPR	Max Output Pwr
						831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.6		0	25.7		25.6		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165800	167300	168800	MPR	Max Output Pwr	165800	167300	168800	MPR	Max Output Pwr
						829 MHz	836.5 MHz	844 MHz			829 MHz		844 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.6		0	25.7		25.6		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165300	167300	169300	MPR	Max Output Pwr	165300	167300	169300	MPR	Max Output Pwr
						826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.7	25.6	25.6	0	25.7	25.7	25.6	25.6	0	25.7

NR Band 5 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166800	167300	167800	MPR	Max Output Pwr	166800	167300	167800	MPR	Max Output Pwr
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		23.1		0	23.5		24.7		0	25.2
				1	53		23.1		0	23.5		24.8		0	25.2
				1	104		23.1		0	23.5		24.6		0	25.2
				50	28		23.1		0	23.5		24.8		0	25.2
			QPSK	1	1		23.2		0	23.5		24.7		0	25.2
				1	53		23.1		0	23.5		24.6		0	25.2
				1	104		23.0		0	23.5		24.7		0	25.2
				50	28		23.2		0	23.5		24.5		0	25.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166300	167300	168300	MPR	Max Output Pwr	166300	167300	168300	MPR	Max Output Pwr
						831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		23.2		0	23.5		24.5		0	25.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165800	167300	168800	MPR	Max Output Pwr	165800	167300	168800	MPR	Max Output Pwr
						829 MHz	836.5 MHz	844 MHz			829 MHz		844 MHz		
10	DFT-s	15	π/2 BPSK	1	26		23.2		0	23.5		24.3		0	25.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165300	167300	169300	MPR	Max Output Pwr	165300	167300	169300	MPR	Max Output Pwr
						826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	23.2	23.2	23.0	0	23.5	24.4	24.3	24.2	0	25.2

NR Band 5 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166800	167300	167800	MPR	Max Output Pwr	166800	167300	167800	MPR	Max Output Pwr
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		24.9		0	25.4		24.9		0	25.4
				1	53		24.9		0	25.4		24.9		0	25.4
				1	104		24.9		0	25.4		24.9		0	25.4
				50	28		25.0		0	25.4		25.0		0	25.4
			QPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	53		25.1		0	25.4		25.1		0	25.4
				1	104		25.0		0	25.4		25.0		0	25.4
				50	28		25.2		0	25.4		25.2		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166300	167300	168300	MPR	Max Output Pwr	166300	167300	168300	MPR	Max Output Pwr
						831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165800	167300	168800	MPR	Max Output Pwr	165800	167300	168800	MPR	Max Output Pwr
						829 MHz	836.5 MHz	844 MHz			829 MHz		844 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.0		0	25.4		25.0		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165300	167300	169300	MPR	Max Output Pwr	165300	167300	169300	MPR	Max Output Pwr
						826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.2	25.1	24.9	0	25.4	25.2	25.1	24.9	0	25.4

NR Band 7 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		22.8		0	23		19.5		0	20
				1	108		22.9		0	23		19.5		0	20
				1	214		22.9		0	23		19.4		0	20
				108	54		22.9		0	23		19.5		0	20
			QPSK	1	1		22.8		0	23		19.2		0	20
				1	108		22.9		0	23		19.5		0	20
				1	214		22.9		0	23		19.5		0	20
				108	54		22.8		0	23		19.3		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		22.9		0	23		19.3		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		22.9		0	23		19.2		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	22.8	22.9	23.0	0	23	19.1	19.3	19.3	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	22.7	22.9	22.9	0	23	19.0	19.2	19.4	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	22.9	22.7	22.9	0	23	18.9	19.2	19.2	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	22.7	22.7	22.8	0	23	18.9	19.1	19.0	0	20

NR Band 7 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		15.8		0	17		18.4		0	19
				1	108		16.1		0	17		18.5		0	19
				1	214		15.8		0	17		18.4		0	19
				108	54		15.9		0	17		18.6		0	19
			QPSK	1	1		15.8		0	17		18.4		0	19
				1	108		15.8		0	17		18.5		0	19
				1	214		15.8		0	17		18.4		0	19
				108	54		15.8		0	17		18.4		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		15.9		0	17		18.5		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		15.8		0	17		18.5		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	15.9	15.8	15.9	0	17	18.5	18.5	18.5	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	15.9	15.8	15.8	0	17	18.4	18.5	18.5	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	15.7	15.8	15.8	0	17	18.3	18.4	18.4	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	15.7	15.7	15.8	0	17	18.3	18.4	18.4	0	19

NR Band 7 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		19.8		0	20.2		18.8		0	19.2
				1	108		19.8		0	20.2		18.8		0	19.2
				1	214		19.8		0	20.2		18.8		0	19.2
				108	54		19.6		0	20.2		18.7		0	19.2
			QPSK	1	1		20.1		0	20.2		19.2		0	19.2
				1	108		20.2		0	20.2		19.2		0	19.2
				1	214		20.2		0	20.2		19.2		0	19.2
				108	54		20.2		0	20.2		19.2		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		20.2		0	20.2		19.2		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		20.2		0	20.2		19.2		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	20.1	20.2	20.2	0	20.2	19.1	19.2	19.2	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	19.9	20.2	20.1	0	20.2	19.0	19.2	19.1	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	19.7	20.2	20.1	0	20.2	18.7	19.2	19.2	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	19.7	20.2	20.1	0	20.2	18.7	19.2	19.1	0	19.2

NR Band 7 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		18.2		0	19.2		17.1		0	18.2
				1	108		18.2		0	19.2		17.1		0	18.2
				1	214		18.2		0	19.2		16.9		0	18.2
				108	54		18.3		0	19.2		16.9		0	18.2
			QPSK	1	1		18.4		0	19.2		17.1		0	18.2
				1	108		18.1		0	19.2		16.8		0	18.2
				1	214		18.3		0	19.2		17.0		0	18.2
				108	54		18.3		0	19.2		16.8		0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.2		0	19.2		16.8		0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		18.1		0	19.2		16.9		0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.5	18.1	18.3	0	19.2	17.2	16.8	17.0	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	18.4	18.1	18.2	0	19.2	17.2	16.8	17.0	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	18.3	18.0	18.2	0	19.2	17.0	16.6	16.8	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	18.3	17.9	18.1	0	19.2	17.0	16.7	16.7	0	18.2

NR Band 12 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						141300	141500	141700	MPR	Max Output Pwr	141300	141500	141700	MPR	Max Output Pwr
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	39		25.7		0	25.7		25.7		0	25.7
				1	77		25.5		0	25.7		25.5		0	25.7
				36	22		25.6		0	25.7		25.6		0	25.7
			QPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	39		25.6		0	25.7		25.6		0	25.7
				1	77		25.5		0	25.7		25.5		0	25.7
				36	22		25.5		0	25.7		25.5		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140800	141500	142200	MPR	Max Output Pwr	140800	141500	142200	MPR	Max Output Pwr
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.6		0	25.7		25.6		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140300	141500	142700	MPR	Max Output Pwr	140300	141500	142700	MPR	Max Output Pwr
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.5	25.5	25.4	0	25.7	25.5	25.5	25.4	0	25.7

NR Band 12 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						141300	141500	141700	MPR	Max Output Pwr	141300	141500	141700	MPR	Max Output Pwr
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		24.0		0	24.2		24.5		0	24.7
				1	39		24.0		0	24.2		24.5		0	24.7
				1	77		24.0		0	24.2		24.5		0	24.7
				36	22		24.0		0	24.2		24.6		0	24.7
			QPSK	1	1		24.2		0	24.2		24.6		0	24.7
				1	39		24.1		0	24.2		24.6		0	24.7
				1	77		24.1		0	24.2		24.6		0	24.7
				36	22		24.1		0	24.2		24.6		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140800	141500	142200	MPR	Max Output Pwr	140800	141500	142200	MPR	Max Output Pwr
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		24.0		0	24.2		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140300	141500	142700	MPR	Max Output Pwr	140300	141500	142700	MPR	Max Output Pwr
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.0	24.0	24.0	0	24.2	24.5	24.6	24.6	0	24.7

NR Band 12 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						141300	141500	141700	MPR	Max Output Pwr	141300	141500	141700	MPR	Max Output Pwr
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		25.0		0	25.4		25.0		0	25.4
				1	39		25.0		0	25.4		25.0		0	25.4
				1	77		24.9		0	25.4		24.9		0	25.4
				36	22		24.8		0	25.4		24.8		0	25.4
			QPSK	1	1		25.0		0	25.4		25.0		0	25.4
				1	39		25.0		0	25.4		25.0		0	25.4
				1	77		24.9		0	25.4		24.9		0	25.4
				36	22		24.9		0	25.4		24.9		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140800	141500	142200	MPR	Max Output Pwr	140800	141500	142200	MPR	Max Output Pwr
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		24.8		0	25.4		24.8		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140300	141500	142700	MPR	Max Output Pwr	140300	141500	142700	MPR	Max Output Pwr
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.9	24.8	24.9	0	25.4	24.9	24.8	24.9	0	25.4

NR Band 14 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158600	158600	158600	MPR	Max Output Pwr	158600	158600	158600	MPR	Max Output Pwr
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	26		25.6		0	25.7		25.6		0	25.7
				1	50		25.5		0	25.7		25.5		0	25.7
				25	14		25.6		0	25.7		25.6		0	25.7
			QPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	26		25.6		0	25.7		25.6		0	25.7
				1	50		25.5		0	25.7		25.5		0	25.7
				25	14		25.4		0	25.7		25.4		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158100	158600	159100	MPR	Max Output Pwr	158100	158600	159100	MPR	Max Output Pwr
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		25.6		0	25.7		25.6		0	25.7

NR Band 14 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158600	158600	158600	MPR	Max Output Pwr	158600	158600	158600	MPR	Max Output Pwr
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1		23.7		0	23.7		24.6		0	24.7
				1	26		23.7		0	23.7		24.6		0	24.7
				1	50		23.7		0	23.7		24.6		0	24.7
				25	14		23.6		0	23.7		24.5		0	24.7
			QPSK	1	1		23.7		0	23.7		24.6		0	24.7
				1	26		23.6		0	23.7		24.5		0	24.7
				1	50		23.6		0	23.7		24.5		0	24.7
				25	14		23.6		0	23.7		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158100	158600	159100	MPR	Max Output Pwr	158100	158600	159100	MPR	Max Output Pwr
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		23.7		0	23.7		24.7		0	24.7

NR Band 14 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158600	158600	158600	MPR	Max Output Pwr	158600	158600	158600	MPR	Max Output Pwr
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1		24.8		0	25.4		24.8		0	25.4
				1	26		24.8		0	25.4		24.8		0	25.4
				1	50		24.8		0	25.4		24.8		0	25.4
				25	14		24.9		0	25.4		24.9		0	25.4
			QPSK	1	1		24.8		0	25.4		24.8		0	25.4
				1	26		24.9		0	25.4		24.9		0	25.4
				1	50		25.0		0	25.4		25.0		0	25.4
				25	14		24.8		0	25.4		24.8		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158100	158600	159100	MPR	Max Output Pwr	158100	158600	159100	MPR	Max Output Pwr
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		24.8		0	25.4		24.8		0	25.4

NR Band 25 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		24.5		0	24.5		21.3		0	22
				1	108		24.5		0	24.5		21.3		0	22
				1	214		24.5		0	24.5		21.3		0	22
				108	54		24.4		0	24.5		21.3		0	22
			QPSK	1	1		24.5		0	24.5		21.4		0	22
				1	108		24.5		0	24.5		21.3		0	22
				1	214		24.5		0	24.5		21.3		0	22
				108	54		24.4		0	24.5		21.3		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		24.5		0	24.5		21.4		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		24.5		0	24.5		21.4		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		24.4		0	24.5		21.3		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	24.4	24.5	24.5	0	24.5	21.4	21.3	21.4	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	24.5	24.5	24.5	0	24.5	21.4	21.4	21.4	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	24.5	24.4	24.5	0	24.5	21.4	21.3	21.4	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.4	24.4	24.4	0	24.5	21.2	21.2	21.3	0	22

NR Band 25 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		18.5		0	19.5		18.2		0	19.2
				1	108		18.6		0	19.5		18.3		0	19.2
				1	214		18.6		0	19.5		18.2		0	19.2
				108	54		18.5		0	19.5		18.2		0	19.2
			QPSK	1	1		18.5		0	19.5		18.2		0	19.2
				1	108		18.6		0	19.5		18.3		0	19.2
				1	214		18.7		0	19.5		18.4		0	19.2
				108	54		18.6		0	19.5		18.4		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		18.7		0	19.5		18.4		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.7		0	19.5		18.4		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		18.6		0	19.5		18.4		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.4	18.6	18.4	0	19.5	18.3	18.3	18.4	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	18.4	18.7	18.5	0	19.5	18.2	18.4	18.4	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	18.4	18.5	18.5	0	19.5	18.2	18.3	18.3	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	18.4	18.5	18.6	0	19.5	18.2	18.2	18.3	0	19.2

NR Band 25 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		21.2		0	21.2		20.0		0	20.5
				1	108		21.2		0	21.2		20.0		0	20.5
				1	214		21.2		0	21.2		20.0		0	20.5
				108	54		21.1		0	21.2		20.0		0	20.5
			QPSK	1	1		21.2		0	21.2		20.0		0	20.5
				1	108		21.2		0	21.2		19.9		0	20.5
				1	214		21.2		0	21.2		20.0		0	20.5
				108	54		21.2		0	21.2		19.8		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		21.2		0	21.2		19.9		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		21.2		0	21.2		19.9		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		21.2		0	21.2		19.9		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	21.2	21.2	21.2	0	21.2	20.0	19.8	20.0	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	21.2	21.2	21.2	0	21.2	20.0	19.8	20.0	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	21.2	21.2	21.2	0	21.2	19.8	19.8	19.9	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	21.2	21.2	21.2	0	21.2	19.8	19.8	19.9	0	20.5

NR Band 25 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		18.3		0	19.2		19.8		0	20.2
				1	108		18.3		0	19.2		19.8		0	20.2
				1	214		18.3		0	19.2		19.8		0	20.2
				108	54		18.3		0	19.2		19.9		0	20.2
			QPSK	1	1		18.5		0	19.2		20.0		0	20.2
				1	108		18.3		0	19.2		19.9		0	20.2
				1	214		18.3		0	19.2		19.8		0	20.2
				108	54		18.3		0	19.2		19.8		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		18.3		0	19.2		19.8		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.3		0	19.2		19.8		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		18.4		0	19.2		19.8		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.5	18.3	18.4	0	19.2	20.0	19.8	19.8	0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	18.5	18.2	18.4	0	19.2	20.0	19.8	19.8	0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	18.5	18.1	18.2	0	19.2	20.0	19.6	19.7	0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	18.5	18.1	18.1	0	19.2	19.9	19.6	19.6	0	20.2

NR Band 26 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164800	166300	167800	MPR	Max Output Pwr	164800	166300	167800	MPR	Max Output Pwr
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	53		25.7		0	25.7		25.7		0	25.7
				1	104		25.5		0	25.7		25.5		0	25.7
				50	28		25.6		0	25.7		25.6		0	25.7
			QPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	53		25.5		0	25.7		25.5		0	25.7
				1	104		25.4		0	25.7		25.4		0	25.7
				50	28		25.6		0	25.7		25.6		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164300	166300	168300	MPR	Max Output Pwr	164300	166300	168300	MPR	Max Output Pwr
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.5	25.5	25.5	0	25.7	25.5	25.5	25.5	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Max Output Pwr	163800	166300	168800	MPR	Max Output Pwr
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Max Output Pwr	163300	166300	169300	MPR	Max Output Pwr
						816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7

NR Band 26 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164800	166300	167800	MPR	Max Output Pwr	164800	166300	167800	MPR	Max Output Pwr
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		23.5		0	23.5		24.3		0	24.7
				1	53		23.5		0	23.5		24.6		0	24.7
				1	104		23.5		0	23.5		24.3		0	24.7
				50	28		23.4		0	23.5		24.6		0	24.7
			QPSK	1	1		23.1		0	23.5		24.3		0	24.7
				1	53		23.1		0	23.5		24.3		0	24.7
				1	104		23.1		0	23.5		24.3		0	24.7
				50	28		23.2		0	23.5		24.3		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164300	166300	168300	MPR	Max Output Pwr	164300	166300	168300	MPR	Max Output Pwr
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	23.2	23.3	23.2	0	23.5	24.3	24.2	24.3	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Max Output Pwr	163800	166300	168800	MPR	Max Output Pwr
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	23.1	22.9	23.1	0	23.5	24.2	24.1	24.2	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Max Output Pwr	163300	166300	169300	MPR	Max Output Pwr
						816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	23.3	23.3	23.3	0	23.5	24.2	24.1	24.1	0	24.7

NR Band 26 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164800	166300	167800	MPR	Max Output Pwr	164800	166300	167800	MPR	Max Output Pwr
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.0		0	25.4		25.0		0	25.4
				1	53		25.3		0	25.4		25.3		0	25.4
				1	104		25.2		0	25.4		25.2		0	25.4
				50	28		25.2		0	25.4		25.2		0	25.4
			QPSK	1	1		25.0		0	25.4		25.0		0	25.4
				1	53		25.1		0	25.4		25.1		0	25.4
				1	104		25.1		0	25.4		25.1		0	25.4
				50	28		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164300	166300	168300	MPR	Max Output Pwr	164300	166300	168300	MPR	Max Output Pwr
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.0	25.2	25.2	0	25.4	25.0	25.2	25.2	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Max Output Pwr	163800	166300	168800	MPR	Max Output Pwr
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	24.9	25.0	25.0	0	25.4	24.9	25.0	25.0	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Max Output Pwr	163300	166300	169300	MPR	Max Output Pwr
						816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.0	25.0	25.0	0	25.4	25.0	25.0	25.0	0	25.4

NR Band 30 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						462000	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		22.1		0	22.2		19.3		0	20
				1	26		22.2		0	22.2		19.3		0	20
				1	50		22.0		0	22.2		19.3		0	20
				25	14		21.9		0	22.2		19.2		0	20
			QPSK	1	1		22.2		0	22.2		19.3		0	20
				1	26		22.1		0	22.2		19.4		0	20
				1	50		22.2		0	22.2		19.4		0	20
				25	14		22.1		0	22.2		19.4		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		21.8		0	22.2		19.3		0	20

NR Band 30 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						462000	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		18.4		0	19.5		18.9		0	19.7
				1	26		18.4		0	19.5		18.9		0	19.7
				1	50		18.4		0	19.5		18.9		0	19.7
				25	14		18.4		0	19.5		18.9		0	19.7
			QPSK	1	1		18.8		0	19.5		18.9		0	19.7
				1	26		18.8		0	19.5		18.9		0	19.7
				1	50		18.8		0	19.5		18.9		0	19.7
				25	14		18.8		0	19.5		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		18.8		0	19.5		18.9		0	19.7

NR Band 30 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						462000	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		20.9		0	21		20.0		0	20.2
				1	26		20.9		0	21		20.0		0	20.2
				1	50		20.9		0	21		20.0		0	20.2
				25	14		21.0		0	21		20.0		0	20.2
			QPSK	1	1		21.0		0	21		20.0		0	20.2
				1	26		21.0		0	21		20.0		0	20.2
				1	50		21.0		0	21		20.0		0	20.2
				25	14		21.0		0	21		20.0		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		21.0		0	21		20.0		0	20.2

NR Band 30 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						462000	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		21.1		0	21.5		18.0		0	19
				1	26		21.3		0	21.5		18.0		0	19
				1	50		21.1		0	21.5		18.0		0	19
				25	14		21.3		0	21.5		18.0		0	19
			QPSK	1	1		21.0		0	21.5		18.0		0	19
				1	26		21.0		0	21.5		18.1		0	19
				1	50		21.1		0	21.5		18.1		0	19
				25	14		21.0		0	21.5		17.9		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		21.1		0	21.5		18.0		0	19

NR Band 41 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						509196	510000	513894	518598	523296	527994			509196	510000	513894	518598	523296	527994		
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				23.1			0	23.2				19.0			0	20
				1	136				23.1			0	23.2				19.0			0	20
				1	271				23.1			0	23.2				19.0			0	20
				135	69				23.0			0	23.2				19.0			0	20
			QPSK	1	1				23.2			0	23.2				19.1			0	20
				1	136				23.1			0	23.2				19.0			0	20
				1	271				23.2			0	23.2				19.1			0	20
				135	69				23.1			0	23.2				19.1			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						508200	508998	513396	518598	523794	528996			508200	508998	513396	518598	523794	528996		
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				23.2			0	23.2				19.1			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						507198	507996	512898	518598	524292	529992			507198	507996	512898	518598	524292	529992		
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				23.2			0	23.2				19.1			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						506196	507000	512394	518598	524796	530994			506196	507000	512394	518598	524796	530994		
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				23.2			0	23.2				19.1			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						505200	505998	511896	518598	525294	531996			505200	505998	511896	518598	525294	531996		
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				23.2			0	23.2				19.0			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						504198	504996	511398	518598	525792	532992			504198	504996	511398	518598	525792	532992		
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				23.2			0	23.2				19.1			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						503196	504000	510894	518598	526296	533994			503196	504000	510894	518598	526296	533994		
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				23.1			0	23.2				19.0			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						502200	502998	510396	518598	526794	534996			502200	502998	510396	518598	526794	534996		
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	23.2	23.2	23.2	23.2	23.2	23.2	0	23.2	19.1	19.1	19.1	19.1	19.1	19.1	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						501198	501996	509898	518598	527292	535992			501198	501996	509898	518598	527292	535992		
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	23.2	23.2	23.2	23.2	23.2	23.2	0	23.2	19.1	19.1	19.1	19.1	19.1	19.1	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						500700	501498	509646	518598	527544	536496			500700	501498	509646	518598	527544	536496		
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	23.2	23.2	23.2	23.2	23.2	23.2	0	23.2	19.1	19.1	19.1	19.1	19.1	19.1	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						500196	501000	509394	518598	527796	536994			500196	501000	509394	518598	527796	536994		
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	23.2	23.1	23.1	23.2	23.2	23.2	0	23.2	19.1	19.0	19.0	19.1	19.1	19.1	0	20

NR Band 41 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						509196	510000	513894	518598	523296	527994			509196	510000	513894	518598	523296	527994		
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				15.5			0	16.5				17.5			0	18.5
				1	136				15.5			0	16.5				17.5			0	18.5
				1	271				15.5			0	16.5				17.5			0	18.5
				135	69				15.5			0	16.5				17.6			0	18.5
			QPSK	1	1				15.8			0	16.5				17.8			0	18.5
				1	136				15.8			0	16.5				17.8			0	18.5
				1	271				15.8			0	16.5				17.8			0	18.5
				135	69				15.8			0	16.5				17.8			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						508200	508998	513396	518598	523794	528996			508200	508998	513396	518598	523794	528996		
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				15.8			0	16.5				17.8			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						507198	507996	512898	518598	524292	529992			507198	507996	512898	518598	524292	529992		
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				15.8			0	16.5				17.7			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						506196	507000	512394	518598	524796	530994			506196	507000	512394	518598	524796	530994		
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				15.8			0	16.5				17.7			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						505200	505998	511896	518598	525294	531996			505200	505998	511896	518598	525294	531996		
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				15.8			0	16.5				17.8			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						504198	504996	511398	518598	525792	532992			504198	504996	511398	518598	525792	532992		
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				15.8			0	16.5				17.8			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						503196	504000	510894	518598	526296	533994			503196	504000	510894	518598	526296	533994		
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				15.8			0	16.5				17.8			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						502200	502998	510396	518598	526794	534996			502200	502998	510396	518598	526794	534996		
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	15.7	15.7	15.7	15.8	15.7	15.7	0	16.5	17.7	17.7	17.7	17.8	17.8	17.7	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						501198	501996	509898	518598	527292	535992			501198	501996	509898	518598	527292	535992		
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	15.7	15.6	15.7	15.8	15.7	15.7	0	16.5	17.8	17.8	17.8	17.8	17.8	17.7	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						500700	501498	509646	518598	527544	536496			500700	501498	509646	518598	527544	536496		
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	15.6	15.6	15.7	15.8	15.7	15.7	0	16.5	17.7	17.8	17.7	17.8	17.8	17.7	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						MPR	Max Output Pwr	Power Mode B (dBm)						MPR	Max Output Pwr
						500196	501000	509394	518598	527796	536994			500196	501000	509394	518598	527796	536994		
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	15.5	15.6	15.6	15.6	15.7	15.7	0	16.5	17.6	17.7	17.6	17.7	17.7	17.7	0	18.5

NR Band 41 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr	509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				20.6			0	20.7				19.7			0	19.8
				1	136				20.6			0	20.7				19.7			0	19.8
				1	271				20.6			0	20.7				19.7			0	19.8
				135	69				20.6			0	20.7				19.7			0	19.8
			QPSK	1	1				20.6			0	20.7				19.7			0	19.8
				1	136				20.6			0	20.7				19.8			0	19.8
				1	271				20.5			0	20.7				19.6			0	19.8
				135	69				20.5			0	20.7				19.6			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr	508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				20.6			0	20.7				19.7			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr	507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				20.6			0	20.7				19.8			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr	506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				20.6			0	20.7				19.8			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr	505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				20.6			0	20.7				19.7			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)															
						504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr	504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				20.7			0	20.7				19.8			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr	503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				20.6			0	20.7				19.7			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr	502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.4	20.5	20.5	20.6	20.5	20.5	0	20.7	19.6	19.6	19.6	19.7	19.8	19.6	0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr	501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.4	20.5	20.7	20.7	20.5	20.5	0	20.7	19.5	19.5	19.7	19.7	19.7	19.7	0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr	500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.4	20.4	20.6	20.5	20.5	20.6	0	20.7	19.7	19.5	19.7	19.7	19.7	19.6	0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr	500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.6	20.6	20.7	20.7	20.7	20.7	0	20.7	19.4	19.5	19.6	19.8	19.6	19.5	0	19.8

NR Band 41 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr	509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				18.9			0	19.5				17.2			0	18.2
				1	136				18.9			0	19.5				17.2			0	18.2
				1	271				18.9			0	19.5				17.2			0	18.2
				135	69				18.8			0	19.5				17.3			0	18.2
			QPSK	1	1				19.1			0	19.5				17.5			0	18.2
				1	136				18.9			0	19.5				17.2			0	18.2
				1	271				19.1			0	19.5				17.5			0	18.2
				135	69				18.9			0	19.5				17.4			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr	508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				19.1			0	19.5				17.5			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr	507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				19.1			0	19.5				17.5			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr	506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				19.1			0	19.5				17.5			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr	505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				19.1			0	19.5				17.5			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr	504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				19.1			0	19.5				17.5			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr	503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				19.1			0	19.5				17.5			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr	502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	19.1	19.1	19.1	19.0	19.0	18.9	0	19.5	17.5	17.5	17.5	17.4	17.4	17.3	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr	501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	19.1	19.1	19.1	19.0	19.0	19.0	0	19.5	17.5	17.5	17.5	17.4	17.4	17.4	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr	500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	19.1	19.0	19.0	19.0	19.0	18.9	0	19.5	17.5	17.4	17.4	17.4	17.4	17.3	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr	500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	19.0	19.0	19.0	18.9	18.9	18.8	0	19.5	17.4	17.4	17.4	17.4	17.3	17.2	0	18.2

NR Band 48 Measured Results (ANT7)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1			21.0		0	21.5			19.5		0	20.5
				1	53			21.1		0	21.5			19.6		0	20.5
				1	104			20.9		0	21.5			19.4		0	20.5
				50	28			21.0		0	21.5			19.5		0	20.5
			QPSK	1	1			21.0		0	21.5			19.5		0	20.5
				1	53			20.8		0	21.5			19.3		0	20.5
				1	104			20.9		0	21.5			19.4		0	20.5
				50	28			20.8		0	21.5			19.3		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.0	21.0	20.9	20.8	0	21.5	19.5	19.5	19.4	19.3	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.0	20.9	20.9	20.8	0	21.5	19.5	19.4	19.4	19.3	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.0	20.9	20.9	20.8	0	21.5	19.5	19.4	19.4	19.3	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.9	20.9	20.8	20.7	0	21.5	19.4	19.4	19.3	19.2	0	20.5

NR Band 48 Measured Results (ANT8)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1			20.0		0	20.8			19.5		0	20.5
				1	53			20.0		0	20.8			19.5		0	20.5
				1	104			20.0		0	20.8			19.5		0	20.5
				50	28			20.0		0	20.8			19.3		0	20.5
			QPSK	1	1			20.3		0	20.8			19.7		0	20.5
				1	53			20.2		0	20.8			19.3		0	20.5
				1	104			20.4		0	20.8			19.7		0	20.5
				50	28			20.3		0	20.8			19.5		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.1	20.2	20.2	20.3	0	20.8	19.6	19.5	19.6	19.6	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.2	20.2	20.3	20.2	0	20.8	19.5	19.6	19.5	19.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.4	20.2	20.3	20.3	0	20.8	19.6	19.6	19.5	19.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.2	20.3	20.3	20.3	0	20.8	19.3	19.4	19.4	19.4	0	20.5

NR Band 48 Measured Results (ANT9)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]	[redacted]	23.0	[redacted]	0	23.3	[redacted]	[redacted]	20.1	[redacted]	0	20.8
				1	53			23.0		0	23.3			20.2		0	20.8
				1	104			23.0		0	23.3			20.2		0	20.8
				50	28			23.0		0	23.3			20.1		0	20.8
			QPSK	1	1			23.3		0	23.3			20.2		0	20.8
				1	53			23.3		0	23.3			20.1		0	20.8
				1	104			23.3		0	23.3			20.2		0	20.8
				50	28			23.3		0	23.3			20.1		0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	23.3	23.3	23.3	23.3	0	23.3	20.2	20.2	20.1	20.2	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	23.3	23.3	23.3	23.3	0	23.3	20.2	20.2	20.2	20.2	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	23.3	23.3	23.2	23.3	0	23.3	20.1	20.1	20.1	20.2	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	23.3	23.1	23.1	23.2	0	23.3	20.0	19.9	20.0	20.1	0	20.8

NR Band 48 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]	[redacted]	20.8	[redacted]	0	21.8	[redacted]	[redacted]	18.5	[redacted]	0	19.5
				1	53			20.8		0	21.8			18.5		0	19.5
				1	104			20.6		0	21.8			18.5		0	19.5
				50	28			20.7		0	21.8			18.4		0	19.5
			QPSK	1	1			20.8		0	21.8			18.5		0	19.5
				1	53			20.8		0	21.8			18.4		0	19.5
				1	104			20.9		0	21.8			18.5		0	19.5
				50	28			20.8		0	21.8			18.4		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.9	20.8	20.8	20.8	0	21.8	18.6	18.5	18.4	18.4	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.0	20.8	20.7	20.8	0	21.8	18.6	18.5	18.4	18.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.9	20.8	20.8	20.8	0	21.8	18.6	18.5	18.5	18.4	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.8	20.8	20.6	20.6	0	21.8	18.5	18.3	18.3	18.2	0	19.5

NR Band 53 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						497700	497840	498000	MPR	Max Output Pwr	497700	497840	498000	MPR	Max Output Pwr
						2488.5 MHz	2489.2 MHz	2490 MHz			2488.5 MHz	2489.2 MHz	2490 MHz		
10	DFT-s	30	π/2 BPSK	1	1		20.3		0	20.7		19.4		0	20
				1	12		20.4		0	20.7		19.4		0	20
				1	22		20.2		0	20.7		19.4		0	20
				12	6		20.3		0	20.7		19.4		0	20
			QPSK	1	1		20.2		0	20.7		19.3		0	20
				1	12		20.2		0	20.7		19.3		0	20
				1	22		20.2		0	20.7		19.3		0	20
				12	6		20.2		0	20.7		19.3		0	20

NR Band 53 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						497700	497840	498000	MPR	Max Output Pwr	497700	497840	498000	MPR	Max Output Pwr
						2488.5 MHz	2489.2 MHz	2490 MHz			2488.5 MHz	2489.2 MHz	2490 MHz		
10	DFT-s	30	π/2 BPSK	1	1		15.5		0	16.5		18.3		0	18.5
				1	12		15.5		0	16.5		18.3		0	18.5
				1	22		15.5		0	16.5		18.3		0	18.5
				12	6		15.6		0	16.5		18.5		0	18.5
			QPSK	1	1		15.6		0	16.5		18.4		0	18.5
				1	12		15.7		0	16.5		18.5		0	18.5
				1	22		15.7		0	16.5		18.4		0	18.5
				12	6		15.6		0	16.5		18.4		0	18.5

NR Band 66 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		25.0		0	25		18.8		0	19.7
				1	108		25.0		0	25		18.9		0	19.7
				1	214		25.0		0	25		18.7		0	19.7
				108	54		25.0		0	25		18.9		0	19.7
			QPSK	1	1		25.0		0	25		18.7		0	19.7
				1	108		25.0		0	25		18.8		0	19.7
				1	214		25.0		0	25		18.7		0	19.7
				108	54		25.0		0	25		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		25.0		0	25		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		24.9		0	25		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		25.0		0	25		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	25.0	25.0	25.0	0	25	18.9	18.8	18.9	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	24.9	25.0	24.9	0	25	18.9	18.9	18.9	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.0	24.9	24.9	0	25	18.9	18.9	18.8	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.9	24.9	24.9	0	25	18.9	18.8	18.8	0	19.7

NR Band 66 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		22.0		0	23		21.0		0	22
				1	108		22.0		0	23		21.0		0	22
				1	214		22.0		0	23		21.0		0	22
				108	54		22.0		0	23		21.0		0	22
			QPSK	1	1		22.0		0	23		21.0		0	22
				1	108		22.0		0	23		21.0		0	22
				1	214		22.0		0	23		21.0		0	22
				108	54		22.0		0	23		21.0		0	22

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		22.0		0	23		21.0		0	22

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		22.0		0	23		21.0		0	22

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		22.0		0	23		21.0		0	22

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	22.0	22.0	22.0	0	23	21.0	21.0	21.0	0	22

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	22.0	22.0	22.0	0	23	21.0	21.0	21.0	0	22

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	22.0	22.0	21.9	0	23	21.0	21.0	21.0	0	22

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	22.0	22.0	22.0	0	23	21.0	20.9	21.0	0	22

NR Band 66 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		20.7		0	21		20.2		0	20.7
				1	108		20.7		0	21		20.2		0	20.7
				1	214		20.7		0	21		20.2		0	20.7
				108	54		20.7		0	21		20.2		0	20.7
			QPSK	1	1		20.7		0	21		20.4		0	20.7
				1	108		20.7		0	21		20.4		0	20.7
				1	214		20.7		0	21		20.3		0	20.7
				108	54		20.7		0	21		20.4		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		20.7		0	21		20.4		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		20.7		0	21		20.4		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		20.7		0	21		20.4		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	20.7	20.7	20.7	0	21	20.4	20.4	20.4	0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	20.7	20.7	20.7	0	21	20.4	20.4	20.4	0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	20.7	20.7	20.5	0	21	20.4	20.4	20.3	0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	20.7	20.7	20.5	0	21	20.4	20.4	20.2	0	20.7

NR Band 66 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		19.6		0	20.5		18.4		0	19.5
				1	108		19.7		0	20.5		18.5		0	19.5
				1	214		19.6		0	20.5		18.4		0	19.5
				108	54		19.7		0	20.5		18.5		0	19.5
			QPSK	1	1		19.6		0	20.5		18.4		0	19.5
				1	108		19.7		0	20.5		18.5		0	19.5
				1	214		19.5		0	20.5		18.4		0	19.5
				108	54		19.7		0	20.5		18.4		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		19.7		0	20.5		18.5		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		19.6		0	20.5		18.4		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		19.7		0	20.5		18.5		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	19.6	19.7	19.6	0	20.5	18.4	18.5	18.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	19.6	19.7	19.7	0	20.5	18.4	18.4	18.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	19.5	19.5	19.6	0	20.5	18.3	18.3	18.4	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	19.6	19.5	19.5	0	20.5	18.3	18.3	18.3	0	19.5

NR Band 70 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340500	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		24.9		0	25		18.8		0	19.7
				1	39		24.9		0	25		18.8		0	19.7
				1	77		24.9		0	25		18.8		0	19.7
				36	22		24.9		0	25		18.8		0	19.7
			QPSK	1	1		24.9		0	25		18.8		0	19.7
				1	39		24.9		0	25		18.7		0	19.7
				1	77		24.8		0	25		18.8		0	19.7
				36	22		24.9		0	25		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		24.8		0	25		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.7	24.8	24.8	0	25	18.8	18.7	18.7	0	19.7

NR Band 70 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340500	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		22.0		0	23		21.0		0	22
				1	39		22.0		0	23		21.0		0	22
				1	77		21.9		0	23		20.9		0	22
				36	22		22.0		0	23		21.0		0	22
			QPSK	1	1		22.0		0	23		21.0		0	22
				1	39		22.0		0	23		20.9		0	22
				1	77		22.0		0	23		20.9		0	22
				36	22		21.9		0	23		20.9		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		21.9		0	23		21.0		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	21.9	22.0	22.0	0	23	20.8	21.0	20.9	0	22

NR Band 70 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340500	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		20.8		0	21		20.0		0	20.7
				1	39		20.8		0	21		20.0		0	20.7
				1	77		20.8		0	21		20.0		0	20.7
				36	22		20.6		0	21		19.8		0	20.7
			QPSK	1	1		21.0		0	21		20.2		0	20.7
				1	39		20.8		0	21		20.0		0	20.7
				1	77		20.9		0	21		20.1		0	20.7
				36	22		20.7		0	21		19.8		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		20.7		0	21		19.9		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	20.7	20.8	20.7	0	21	20.0	19.9	19.9	0	20.7

NR Band 70 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340500	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		19.7		0	20.5		18.5		0	19.5
				1	39		19.7		0	20.5		18.5		0	19.5
				1	77		19.7		0	20.5		18.5		0	19.5
				36	22		19.6		0	20.5		18.5		0	19.5
			QPSK	1	1		19.7		0	20.5		18.5		0	19.5
				1	39		19.7		0	20.5		18.5		0	19.5
				1	77		19.7		0	20.5		18.5		0	19.5
				36	22		19.7		0	20.5		18.5		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		19.7		0	20.5		18.5		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	19.7	19.7	19.7	0	20.5	18.5	18.5	18.5	0	19.5

NR Band 71 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134600	136100	137600	MPR	Max Output Pwr	134600	136100	137600	MPR	Max Output Pwr
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.3		0	25.7		25.3		0	25.7
				1	53		25.7		0	25.7		25.7		0	25.7
				1	104		25.3		0	25.7		25.3		0	25.7
				50	28		25.7		0	25.7		25.7		0	25.7
			QPSK	1	1		25.2		0	25.7		25.2		0	25.7
				1	53		25.2		0	25.7		25.2		0	25.7
				1	104		25.2		0	25.7		25.2		0	25.7
				50	28		25.3		0	25.7		25.3		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134100	136100	138100	MPR	Max Output Pwr	134100	136100	138100	MPR	Max Output Pwr
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.3		0	25.7		25.3		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Max Output Pwr	133600	136100	138600	MPR	Max Output Pwr
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.2	25.2	25.3	0	25.7	25.2	25.2	25.3	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Max Output Pwr	133100	136100	139100	MPR	Max Output Pwr
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.4	25.2	25.3	0	25.7	25.4	25.2	25.3	0	25.7

NR Band 71 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134600	136100	137600	MPR	Max Output Pwr	134600	136100	137600	MPR	Max Output Pwr
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	1	1		24.0		0	24.2		24.2		0	24.7
				1	53		24.0		0	24.2		24.2		0	24.7
				1	104		24.0		0	24.2		24.2		0	24.7
				50	28		24.1		0	24.2		24.4		0	24.7
			QPSK	1	1		24.0		0	24.2		24.5		0	24.7
				1	53		24.1		0	24.2		24.7		0	24.7
				1	104		24.1		0	24.2		24.7		0	24.7
				50	28		24.2		0	24.2		24.7		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134100	136100	138100	MPR	Max Output Pwr	134100	136100	138100	MPR	Max Output Pwr
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		24.0		0	24.2		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Max Output Pwr	133600	136100	138600	MPR	Max Output Pwr
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	23.9	24.0	23.9	0	24.2	24.4	24.4	24.4	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Max Output Pwr	133100	136100	139100	MPR	Max Output Pwr
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.0	23.9	23.8	0	24.2	24.5	24.5	24.3	0	24.7

NR Band 71 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134600	136100	137600	MPR	Max Output Pwr	134600	136100	137600	MPR	Max Output Pwr
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.4		25.1		0	25.4
				1	53		25.4		0	25.4		25.4		0	25.4
				1	104		25.3		0	25.4		25.3		0	25.4
				50	28		25.4		0	25.4		25.4		0	25.4
			QPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	53		25.4		0	25.4		25.4		0	25.4
				1	104		25.3		0	25.4		25.3		0	25.4
				50	28		25.4		0	25.4		25.4		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134100	136100	138100	MPR	Max Output Pwr	134100	136100	138100	MPR	Max Output Pwr
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.4		0	25.4		25.4		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Max Output Pwr	133600	136100	138600	MPR	Max Output Pwr
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.2	25.3	25.1	0	25.4	25.2	25.3	25.1	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Max Output Pwr	133100	136100	139100	MPR	Max Output Pwr
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.2	25.4	25.1	0	25.4	25.2	25.4	25.1	0	25.4

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		21.5		0	21.5		19.3		0	19.3
				1	136		21.5		0	21.5		19.3		0	19.3
				1	271		21.4		0	21.5		19.3		0	19.3
				135	69		21.5		0	21.5		19.3		0	19.3
			QPSK	1	1		21.5		0	21.5		19.3		0	19.3
				1	136		21.5		0	21.5		19.3		0	19.3
				1	271		21.4		0	21.5		19.2		0	19.3
				135	69		21.5		0	21.5		19.3		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		21.5		0	21.5		19.3		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		21.5		0	21.5		19.3		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		21.5		0	21.5		19.3		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		21.5		0	21.5		19.3		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		21.5		0	21.5		19.3		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		21.5		0	21.5		19.3		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.5	21.5	21.5	0	21.5	19.3	19.3	19.3	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.5	21.5	21.4	0	21.5	19.3	19.3	19.2	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.5	21.5	21.4	0	21.5	19.3	19.3	19.2	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.5	21.5	21.4	0	21.5	19.3	19.3	19.2	0	19.3

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				21.4			0	21.5				19.2			0	19.3
				1	136				21.5			0	21.5				19.3			0	19.3
				1	271				21.2			0	21.5				19.0			0	19.3
				135	69				21.3			0	21.5				19.3			0	19.3
			QPSK	1	1				21.3			0	21.5				19.0			0	19.3
				1	136				21.3			0	21.5				19.1			0	19.3
				1	271				21.1			0	21.5				18.9			0	19.3
				135	69				21.2			0	21.5				19.0			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				21.4			0	21.5				19.1			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				21.4			0	21.5				19.2			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				21.3			0	21.5				19.2			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				21.3			0	21.5				19.1			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				21.3			0	21.5				19.2			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	21.3	21.3	21.5	21.5	21.3	21.3	0	21.5	19.0	19.0	19.2	19.3	19.1	19.1	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.2	21.3	21.5	21.5	21.3	21.3	0	21.5	19.0	19.1	19.2	19.3	19.1	19.1	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.3	21.3	21.5	21.5	21.3	21.3	0	21.5	19.1	19.1	19.2	19.3	19.2	19.1	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.3	21.3	21.4	21.5	21.4	21.3	0	21.5	19.1	19.1	19.2	19.3	19.2	19.1	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.1	21.2	21.4	21.4	21.1	21.0	0	21.5	18.9	19.0	19.2	19.3	19.2	19.1	0	19.3

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		19.8		0	20.8		18.6		0	19.3
				1	136		19.8		0	20.8		18.6		0	19.3
				1	271		19.8		0	20.8		18.6		0	19.3
				135	69		19.9		0	20.8		18.4		0	19.3
			QPSK	1	1		20.4		0	20.8		18.8		0	19.3
				1	136		20.1		0	20.8		18.6		0	19.3
				1	271		20.0		0	20.8		18.6		0	19.3
				135	69		20.0		0	20.8		18.5		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		20.1		0	20.8		18.6		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		20.1		0	20.8		18.6		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		20.1		0	20.8		18.5		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		20.4		0	20.8		19.0		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		20.3		0	20.8		18.9		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		20.5		0	20.8		19.0		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.6	20.5	20.4	0	20.8	19.1	18.9	18.8	0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.7	20.5	20.4	0	20.8	19.1	19.0	19.0	0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.6	20.6	20.5	0	20.8	19.0	19.0	18.9	0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.7	20.7	20.7	0	20.8	19.2	19.2	19.1	0	19.3

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				19.8			0	20.8				18.3			0	19.3
				1	136				20.0			0	20.8				18.5			0	19.3
				1	271				20.0			0	20.8				18.2			0	19.3
				135	69				19.9			0	20.8				18.5			0	19.3
			QPSK	1	1				19.8			-0.5	20.8				18.2			0	19.3
				1	136				19.8			-0.5	20.8				18.2			0	19.3
				1	271				19.8			-0.5	20.8				18.2			0	19.3
				135	69				19.7			-0.5	20.8				18.2			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				19.8			0	20.8				18.2			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				19.8			0	20.8				18.3			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				19.7			0	20.8				18.3			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				19.7			0	20.8				18.2			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				19.7			0	20.8				18.3			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	20.3	20.3	20.0	19.9	19.9	20.1	0	20.8	18.8	18.7	18.5	18.4	18.3	18.6	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.3	20.2	19.8	19.9	19.9	20.2	0	20.8	18.7	18.6	18.3	18.4	18.3	18.6	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.3	20.1	20.0	20.0	19.9	20.1	0	20.8	18.8	18.6	18.5	18.4	18.4	18.7	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.3	20.1	20.0	20.0	19.9	20.1	0	20.8	18.7	18.6	18.5	18.4	18.4	18.6	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.2	20.0	19.8	19.8	20.0	20.1	0	20.8	18.7	18.5	18.3	18.2	18.5	18.5	0	19.3

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		21.2		0	21.3		17.9		0	18.8
				1	136		21.2		0	21.3		18.0		0	18.8
				1	271		21.2		0	21.3		18.0		0	18.8
				135	69		21.2		0	21.3		18.0		0	18.8
			QPSK	1	1		21.1		0	21.3		17.8		0	18.8
				1	136		21.2		0	21.3		17.9		0	18.8
				1	271		21.2		0	21.3		18.1		0	18.8
				135	69		21.1		0	21.3		17.9		0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		21.2		0	21.3		17.9		0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		21.1		0	21.3		18.0		0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		21.1		0	21.3		18.0		0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		21.1		0	21.3		18.0		0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		21.1		0	21.3		17.9		0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		21.2		0	21.3		18.1		0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.2	21.3	21.3	0	21.3	18.0	18.1	18.1	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.2	21.1	21.2	0	21.3	17.9	17.9	18.0	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.1	21.2	21.3	0	21.3	17.9	18.0	18.1	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.1	21.1	21.1	0	21.3	17.9	18.0	18.0	0	18.8

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				20.8			0	21.3				18.1			0	18.8
				1	136				21.0			0	21.3				18.1			0	18.8
				1	271				20.8			0	21.3				18.1			0	18.8
				135	69				21.0			0	21.3				18.3			0	18.8
			QPSK	1	1				20.8			0	21.3				18.3			0	18.8
				1	136				20.8			0	21.3				18.3			0	18.8
				1	271				20.8			0	21.3				18.3			0	18.8
				135	69				20.7			0	21.3				18.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				20.8			0	21.3				18.3			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				20.9			0	21.3				18.3			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				20.8			0	21.3				18.3			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				20.8			0	21.3				18.3			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				20.9			0	21.3				18.3			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	21.0	21.0	20.9	21.0	21.0	21.0	0	21.3	18.6	18.5	18.4	18.4	18.4	18.5	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.3	21.0	21.0	20.9	20.9	21.0	0	21.3	18.6	18.5	18.5	18.4	18.4	18.5	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.2	21.2	21.1	21.1	21.0	21.0	0	21.3	18.6	18.6	18.5	18.5	18.5	17.5	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.2	21.1	21.0	21.0	21.0	21.0	0	21.3	18.7	18.5	18.5	18.5	18.4	18.5	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.1	21.0	20.9	20.9	20.9	20.8	0	21.3	18.6	18.4	18.4	18.3	18.3	18.3	0	18.8

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		20.0		0	20.8		18.5		0	19.5
				1	136		20.0		0	20.8		18.5		0	19.5
				1	271		20.0		0	20.8		18.5		0	19.5
				135	69		19.9		0	20.8		18.4		0	19.5
			QPSK	1	1		20.1		0	20.8		18.6		0	19.5
				1	136		20.0		0	20.8		18.5		0	19.5
				1	271		20.0		0	20.8		18.5		0	19.5
				135	69		20.0		0	20.8		18.4		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		20.1		0	20.8		18.7		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		20.1		0	20.8		18.6		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		20.1		0	20.8		18.7		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		20.2		0	20.8		18.8		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		20.1		0	20.8		18.7		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		20.3		0	20.8		18.9		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.3	20.2	20.0	0	20.8	19.0	18.9	18.7	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.3	20.2	20.1	0	20.8	19.0	18.9	18.8	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.4	20.3	20.1	0	20.8	19.1	18.9	18.7	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.3	20.2	20.0	0	20.8	19.0	18.8	18.6	0	19.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				19.9			0	20.8				18.4			0	19.5
				1	136				19.8			0	20.8				18.4			0	19.5
				1	271				19.9			0	20.8				18.4			0	19.5
				135	69				19.8			0	20.8				18.1			0	19.5
			QPSK	1	1				19.8			0	20.8				18.5			0	19.5
				1	136				19.8			0	20.8				18.4			0	19.5
				1	271				19.9			0	20.8				18.4			0	19.5
				135	69				19.7			0	20.8				18.2			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				19.9			0	20.8				18.6			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				19.8			0	20.8				18.6			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				19.8			0	20.8				18.5			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				19.9			0	20.8				18.6			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				19.9			0	20.8				18.6			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	20.0	20.0	20.1	20.1	20.1	20.6	0	20.8	18.6	18.6	18.7	18.7	18.7	19.1	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.0	20.0	20.1	20.1	20.2	20.6	0	20.8	18.5	18.5	18.6	18.6	18.7	19.1	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.0	20.0	20.1	20.1	20.1	20.5	0	20.8	18.5	18.5	18.6	18.6	18.6	19.0	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.1	20.0	20.1	20.1	20.0	20.4	0	20.8	18.6	18.5	18.5	18.6	18.6	18.9	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	19.9	19.9	20.0	20.0	20.2	20.4	0	20.8	18.5	18.5	18.6	18.6	18.8	19.0	0	19.5

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 modes, the channel in the lower order/sequence 802.11 mode (i.e. g, n, ac, then ax) is selected. Therefore the SAR measurements performed for the 802.11b modes, as the lowest order modulation, cover 802.11g/n/ac/ax modes.

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 indicates 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)																										
		ANT3 / ANT4																										
		SISO															MIMO											
		b (SISO)	g (SISO) Low Rate	g (SISO) Mid Rate	g (SISO) High Rate	11n/11ac HT20 (SISO) Low Rate	11n/11ac HT20 (SISO) Mid Rate	11n/11ac HT20 (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11n/11ac HT20 (2Tx, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, nonTXBF) High Rate	11ax HE20 (2Tx, nonTXBF) Low Rate	11ax HE20 (2Tx, nonTXBF) Mid Rate	11ax HE20 (2Tx, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, nonTxBF)	11ax HE20 RU106 (2Tx, nonTxBF)	11ax HE20 RU52 (2Tx, nonTxBF)	11ax HE20 RU26 (2Tx, nonTxBF)
1	2412	**21.5**	17.5	17.0	16.5	17.5	17.0	16.5	17.0	16.5	16.0	16.0	16.0	16.0	13.5	17.0	16.5	16.0	16.0	15.5	15.0	15.0	15.0	15.0	13.5
2	2417	**21.5**	20.5	20.0	19.5	20.5	20.0	19.5	19.0	18.5	18.0	18.0	18.0	16.5	13.5	19.5	19.0	18.5	18.0	17.5	17.0	17.0	17.0	16.5	13.5
3	2422	**21.5**	21.5	21.5	21.0	21.5	21.5	21.0	21.0	20.5	20.0	20.0	19.5	16.5	13.5	21.0	20.5	20.0	20.0	19.5	19.0	19.0	19.0	16.5	13.5
4	2427	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
5	2432	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
6	2437	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
7	2442	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
8	2447	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
9	2452	**21.5**	21.5	21.0	20.5	21.5	21.0	20.5	21.0	20.5	20.0	20.0	19.5	16.5	13.5	20.5	20.0	19.5	19.5	19.0	18.5	18.5	18.5	16.5	13.5
10	2457	**21.5**	20.5	20.0	19.5	20.5	20.0	19.5	19.0	18.5	18.0	18.0	18.0	16.5	13.5	19.5	19.0	18.5	18.0	17.5	17.0	17.0	17.0	16.5	13.5
11	2462	**21.5**	18.5	18.0	17.5	18.5	18.0	17.5	17.0	16.5	16.0	16.0	16.0	16.0	13.5	17.5	17.0	16.5	16.0	15.5	15.0	15.0	15.0	15.0	13.5
12	2467	**21.5**	16.5	16.0	15.5	16.5	16.0	15.5	15.0	14.5	14.0	14.0	14.0	14.0	13.5	15.0	14.5	14.0	13.5	13.0	12.5	12.5	12.5	12.5	12.5
13	2472	**20.5**	15.0	15.0	15.0	15.0	15.0	15.0	10.0	10.0	10.0	10.0	7.0	4.0	1.0	14.5	14.5	14.5	9.0	9.0	9.0	9.0	6.0	3.0	0.0

Wi-Fi 2.4 GHz(Power States)

For 2.4 GHz band, there are use 6 difference power states:

- Power state 1: 802.15.4ab-NB_{OFF} | P_{mid} | $CELL_{OFF}$
- Power state 2: 802.15.4ab-NB_{ON} | P_{mid} | $CELL_{OFF}$
- Power state 3: 802.15.4ab-NB_{OFF} | P_{high} | $CELL_{OFF}$
- Power state 4: 802.15.4ab-NB_{OFF} | P_{low} | $CELL_{ON}$
- Power state 5: 802.15.4ab-NB_{ON} | P_{high} | $CELL_{OFF}$
- Power state 6: 802.15.4ab-NB_{ON} | P_{low} | $CELL_{ON}$

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power States 1		Power States 2		Power States 3		Power States 4		Power States 5		Power States 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	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		2	2417	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		3	2422	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		4	2427	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		5	2432	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		6	2437	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		7	2442	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		8	2447	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		9	2452	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		10	2457	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		11	2462	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		12	2467	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		13	2472	20.50	20.50	20.50	20.50	20.50	20.50	17.75	17.00	20.50	20.50	16.75	16.00

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power States 1		Power States 2		Power States 3		Power States 4		Power States 5		Power States 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	**21.00**	**19.75**	**21.00**	**19.75**	**21.00**	**19.75**	**17.00**	**15.75**	**20.50**	**19.25**	**16.00**	**14.75**
		2	2417	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		3	2422	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		4	2427	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		5	2432	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		6	2437	**21.00**	**19.75**	**21.00**	**19.75**	**21.00**	**19.75**	**17.00**	**15.75**	**20.50**	**19.25**	**16.00**	**14.75**
		7	2442	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		8	2447	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		9	2452	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		10	2457	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		11	2462	**21.00**	**19.75**	**21.00**	**19.75**	**21.00**	**19.75**	**17.00**	**15.75**	**20.50**	**19.25**	**16.00**	**14.75**
		12	2467	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		13	2472	20.50	19.75	20.50	19.75	20.50	19.75	17.00	15.75	20.50	19.25	16.00	14.75

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

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	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 1 & Power States 2 & Power States 3	ANT3	DSSS 802.11b	1	2412	20.13	21.50	Yes	1	2412	19.57	21.00	Yes
			6	2437	20.23	21.50		6	2437	19.71	21.00	
			11	2462	20.40	21.50		11	2462	19.91	21.00	
	ANT4	DSSS 802.11b	1	2412	20.34	21.00	Yes	1	2412	18.35	19.75	Yes
			6	2437	20.51	21.00		6	2437	18.40	19.75	
			11	2462	20.55	21.00		11	2462	18.39	19.75	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 4	ANT3	DSSS 802.11b	1	2412	16.36	17.75	Yes	1	2412	15.53	17.00	Yes
			6	2437	16.52	17.75		6	2437	15.55	17.00	
			11	2462	16.65	17.75		11	2462	15.99	17.00	
	ANT4	DSSS 802.11b	1	2412	15.51	17.00	Yes	1	2412	14.26	15.75	Yes
			6	2437	15.65	17.00		6	2437	14.45	15.75	
			11	2462	15.62	17.00		11	2462	14.37	15.75	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 5	ANT3	DSSS 802.11b	1	2412	20.13	21.25	Yes	1	2412	19.57	20.50	Yes
			6	2437	20.23	21.25		6	2437	19.71	20.50	
			11	2462	20.40	21.25		11	2462	19.91	20.50	
	ANT4	DSSS 802.11b	1	2412	20.34	20.50	Yes	1	2412	18.35	19.25	Yes
			6	2437	20.51	20.50		6	2437	18.40	19.25	
			11	2462	20.55	20.50		11	2462	18.39	19.25	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 6	ANT3	DSSS 802.11b	1	2412	16.36	16.75	Yes	1	2412	15.53	16.00	Yes
			6	2437	16.52	16.75		6	2437	15.55	16.00	
			11	2462	16.65	16.75		11	2462	15.99	16.00	
	ANT4	DSSS 802.11b	1	2412	15.51	16.00	Yes	1	2412	14.26	14.75	Yes
			6	2437	15.65	16.00		6	2437	14.45	14.75	
			11	2462	15.62	16.00		11	2462	14.37	14.75	

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.

Duty Factor Measured Results

Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.11b	1 Mbps	12.41	12.43	99.84%	1.00

Note(s):

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

Duty Cycle plots

802.11b 1 Mbps

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

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

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.

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 5 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 5 GHz (Power State) table, the highlighted worst case Low/Mid/High channels are selected for Mode A and Mode B.

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																																	
				ANT5 / ANT6																																	
				SISO													MIMO																				
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11n/11ac HT20 (SISO) Low Rate	11n/11ac HT20 (SISO) Mid Rate	11n/11ac HT20 (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	FCC 11ax HE20 RU242 (SISO)	FCC 11ax HE20 RU106 (SISO)	FCC 11ax HE20 RU52 (SISO)	FCC 11ax HE20 RU26 (SISO)	11n/11ac HT20 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) High Rate	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT20 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 (2Tx, SDM, nonTXBF) Low Rate	11ax HE20 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
20 MHz	U-NII-1	36	5180	19.0	19.0	19.0	19.0	19.0	19.0	18.0	18.0	18.0	18.0	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		40	5200	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		44	5220	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		48	5240	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
	U-NII-2A	52	5260	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		56	5280	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		60	5300	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		64	5320	19.0	19.0	19.0	19.0	19.0	19.0	18.0	18.0	18.0	18.0	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
	U-NII-2C	100	5500	19.5	18.5	18.0	19.5	18.5	18.0	19.0	18.5	18.0	18.0	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		104	5520	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		108	5540	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		112	5560	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		116	5580	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		120	5600	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		124	5620	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		128	5640	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		132	5660	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		136	5680	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		140	5700	17.0	16.5	16.0	17.0	16.5	16.0	16.5	16.0	15.5	15.5	15.5	14.5	NS	16.5	16.0	15.0	16.0	15.5	15.0	15.0	14.5	11.5	NS	16.5	16.0	15.0	16.0	15.5	15.0	15.0	14.5	11.5	NS
		144	5720	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
	U-NII-3	149	5745	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		153	5765	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		157	5785	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		161	5805	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		165	5825	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
Bandwidth	Band	Channel	Frequency (MHz)				11n/11ac HT40 (SISO) Low Rate	11n/11ac HT40 (SISO) Mid Rate	11n/11ac HT40 (SISO) High Rate	11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	FCC 11ax HE40 RU484 (SISO)	FCC 11ax HE40 RU106 (SISO)	FCC 11ax HE40 RU52 (SISO)	FCC 11ax HE40 RU26 (SISO)	11n/11ac HT40 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) High Rate	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT40 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 (2Tx, SDM, nonTXBF) Low Rate	11ax HE40 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTXBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-1	38	5190				16.5	16.0	15.5	16.0	15.5	15.0	15.0	15.0	12.5	9.5	16.0	15.5	15.0	15.5	15.0	14.5	14.5	14.5	11.5	8.5	16.0	15.5	15.0	15.5	15.0	14.5	14.5	14.5	11.5	8.5
		46	5230				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	8.5	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	8.5
	U-NII-2A	54	5270				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		62	5310				17.0	16.5	16.0	16.0	15.5	15.0	15.0	15.0	12.5	NS	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	NS	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	NS
	U-NII-2C	102	5510				16.0	15.5	15.0	16.0	15.5	15.0	15.0	15.0	12.5	NS	15.0	14.5	14.0	15.5	15.0	14.5	14.5	14.5	11.5	NS	15.0	14.5	14.0	15.5	15.0	14.5	14.5	14.5	11.5	NS
		110	5550				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		118	5590				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		126	5630				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		134	5670				19.5	19.0	18.5	19.0	18.5	18.0	18.0	15.5	12.5	NS	19.0	18.5	18.0	18.5	18.0	17.5	17.5	14.5	11.5	NS	19.0	18.5	18.0	18.5	18.0	17.5	17.5	14.5	11.5	NS
		142	5710				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
	U-NII-3	151	5755				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
		159	5795				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
Bandwidth	Band	Channel	Frequency (MHz)				11ac VHT80 (SISO) Low Rate	11ac VHT80 (SISO) Mid Rate	11ac VHT80 (SISO) High Rate	11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	FCC 11ax HE80 RU996 (SISO)	FCC 11ax HE80 RU106 (SISO)	FCC 11ax HE80 RU52 (SISO)	FCC 11ax HE80 RU26 (SISO)	11ac VHT80 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT80 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT80 (2Tx, CDD, nonTXBF) High Rate	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT80 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 (2Tx, SDM, nonTXBF) Low Rate	11ax HE80 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTXBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-1	42	5210				16.5	16.0	15.5	16.5	16.0	15.5	15.5	12.5	9.5	6.5	15.5	15.0	14.5	15.5	15.0	14.5	14.5	12.5	9.5	6.5	15.5	15.0	14.5	15.5	15.0	14.5	14.5	12.5	9.5	6.5
	U-NII-2A	58	5290				17.0	16.5	16.0	17.0	16.5	16.0	16.0	12.5	9.5	NS	16.5	16.0	15.5	16.0	15.5	15.0	15.0	12.5	9.5	NS	16.5	16.0	15.5	16.0	15.5	15.0	15.0	12.5	9.5	NS
	U-NII-2C	106	5530				17.0	16.5	16.0	16.0	15.5	15.0	15.0	12.5	9.5	NS	16.5	16.0	15.5	15.0	14.5	14.0	14.0	12.5	9.5	NS	16.5	16.0	15.5	15.0	14.5	14.0	14.0	12.5	9.5	NS
		122	5610				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS
		138	5690				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS
	U-NII-3	155	5775				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5
Bandwidth	Band	Channel	Frequency (MHz)				11ac VHT160 (SISO) Low Rate	11ac VHT160 (SISO) Mid Rate	11ac VHT160 (SISO) High Rate	11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ac VHT160 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT160 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT160 (2Tx, CDD, nonTXBF) High Rate	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ac VHT160 (2Tx, SDM, nonTxBF) Low Rate	11ac VHT160 (2Tx, SDM, nonTxBF) Mid Rate	11ac VHT160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 (2Tx, SDM, nonTXBF) Low Rate	11ax HE160 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTXBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	
160 MHz	U-NII-1&2A	50	5250				14.5	13.5	13.3	14.5	13.8	13.3	13.3	9.5	6.5	NS	14.0	13.0	12.8	14.0	13.3	12.8	12.8	9.5	6.5	NS	14.0	13.0	12.8	14.0	13.3	12.8	12.8	9.5	6.5	
	U-NII-2C	114	5570				15.5	14.5	14.3	15.5	14.5	14.3	14.3	9.5	6.5	NS	15.0	14.0	13.8	15.0	14.0	13.8	13.8	9.5	6.5	NS	15.0	14.0	13.8	15.0	14.0	13.8	13.8	9.5	6.5	

Wi-Fi 5 GHz(Power States)

For 5 GHz bands, there are use 6 difference power states:

- Power state 1: 802.15.4ab-NB$_{OFF}$ | P$_{mid}$ | CELL$_{OFF}$
- Power state 2: 802.15.4ab-NB$_{ON}$ | P$_{mid}$ | CELL$_{OFF}$
- Power state 3: 802.15.4ab-NB$_{OFF}$ | P$_{high}$ | CELL$_{OFF}$
- Power state 4: 802.15.4ab-NB$_{OFF}$ | P$_{low}$ | CELL$_{ON}$
- Power state 5: 802.15.4ab-NB$_{ON}$ | P$_{high}$ | CELL$_{OFF}$
- Power state 6: 802.15.4ab-NB$_{ON}$ | P$_{low}$ | CELL$_{ON}$

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	19.00	19.00	19.00	16.00	19.00	19.00	18.00	15.00
			40	5200	19.50	19.50	19.50	19.50	19.50	19.50	19.00	16.00	19.50	19.50	18.00	15.00
			44	5220	19.50	19.50	19.50	19.50	19.50	19.50	19.00	16.00	19.50	19.50	18.00	15.00
			48	5240	19.50	19.50	19.50	19.50	19.50	19.50	19.00	16.00	19.50	19.50	18.00	15.00
		802.11n/ac 40 MHz	38	5190	16.50	**16.50**	16.50	**16.50**	16.50	**16.50**	16.50	16.00	16.50	**16.50**	16.50	15.00
			46	5230	20.50	**20.00**	20.50	**20.00**	20.50	**20.00**	19.00	16.00	20.50	**19.50**	18.00	15.00
		802.11ac 80 MHz	42	5210	16.50	16.50	16.50	16.50	16.50	16.50	16.50	**16.00**	16.50	16.50	16.50	**15.00**
	U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	19.50	19.50	19.50	19.50	19.50	19.00	15.50	19.50	19.00	18.00	14.50
			56	5280	19.50	19.50	19.50	19.50	19.50	19.50	19.00	15.50	19.50	19.00	18.00	14.50
			60	5300	19.50	19.50	19.50	19.50	19.50	19.50	19.00	15.50	19.50	19.00	18.00	14.50
			64	5320	19.00	19.00	19.00	19.00	19.00	19.00	19.00	15.50	19.00	19.00	18.00	14.50
		802.11n/ac 40 MHz	54	5270	**20.50**	19.50	**20.50**	19.50	**20.50**	19.50	**19.00**	15.50	**20.50**	19.00	**18.00**	14.50
			62	5310	**17.00**	17.00	**17.00**	17.00	**17.00**	17.00	**17.00**	15.50	**17.00**	17.00	**17.00**	14.50
		802.11ac 80 MHz	58	5290	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.50	17.00	17.00	17.00	14.50
		802.11ac 160 MHz	50	5250	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
	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
	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			104	5520	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			108	5540	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			112	5560	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			116	5580	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			120	5600	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			124	5620	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			128	5640	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			132	5660	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			136	5680	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			140	5700	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.50	17.00	17.00	17.00	14.50
			144	5720	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
		802.11n/ac 40 MHz	102	5510	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.50	16.00	16.00	16.00	14.50
			110	5550	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
			118	5590	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
			126	5630	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
			134	5670	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			142	5710	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
		802.11ac 80 MHz	106	5530	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	15.50	**17.00**	**17.00**	**17.00**	14.50
			122	5610	**20.50**	**19.50**	**20.50**	**19.50**	**20.50**	**19.50**	**18.00**	15.50	**20.50**	**19.00**	**17.00**	14.50
			138	5690	**20.50**	**19.50**	**20.50**	**19.50**	**20.50**	**19.50**	**18.00**	15.50	**20.50**	**19.00**	**17.00**	14.50
		802.11ac 160 MHz	114	5570	15.50	15.50	15.50	15.50	15.50	15.50	15.50	**15.50**	15.50	15.50	15.50	**14.50**
	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
	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			153	5765	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			157	5785	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			161	5805	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			165	5825	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
		802.11n/ac 40 MHz	151	5755	20.50	19.50	20.50	19.50	20.50	19.50	18.50	15.50	20.50	19.00	17.50	14.50
			159	5795	20.50	19.50	20.50	19.50	20.50	19.50	18.50	15.50	20.50	19.00	17.50	14.50
		802.11ac 80 MHz	155	5775	20.50	**19.50**	20.50	**19.50**	20.50	**19.50**	**18.50**	**15.50**	20.50	**19.00**	**17.50**	**14.50**

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

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	19.00	19.00	19.00	19.00	19.00	19.00	17.25	16.00	19.00	19.00	16.25	15.00
			40	5200	19.50	19.50	19.50	19.50	19.50	19.50	17.25	16.00	19.50	19.50	16.25	15.00
			44	5220	19.50	19.50	19.50	19.50	19.50	19.50	17.25	16.00	19.50	19.50	16.25	15.00
			48	5240	19.50	19.50	19.50	19.50	19.50	19.50	17.25	16.00	19.50	19.50	16.25	15.00
		802.11n/ac 40 MHz	38	5190	16.50	**16.50**	16.50	**16.50**	16.50	**16.50**	**16.50**	16.00	**16.50**	**16.50**	16.25	15.00
			46	5230	20.50	**20.00**	20.50	**20.00**	20.50	**20.00**	**17.25**	16.00	**20.50**	**19.50**	16.25	15.00
		802.11ac 80 MHz	42	5210	16.50	16.50	16.50	16.50	16.50	16.50	16.50	**16.00**	16.50	16.50	**16.25**	**15.00**
	U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	19.50	19.50	19.50	19.50	19.50	16.75	15.50	19.50	19.00	15.75	14.50
			56	5280	19.50	19.50	19.50	19.50	19.50	19.50	16.75	15.50	19.50	19.00	15.75	14.50
			60	5300	19.50	19.50	19.50	19.50	19.50	19.50	16.75	15.50	19.50	19.00	15.75	14.50
			64	5320	19.00	19.00	19.00	19.00	19.00	19.00	16.75	15.50	19.00	19.00	15.75	14.50
		802.11n/ac 40 MHz	54	5270	**20.50**	19.50	**20.50**	19.50	**20.50**	19.50	16.75	15.50	20.25	19.00	15.75	14.50
			62	5310	**17.00**	17.00	**17.00**	17.00	**17.00**	17.00	16.75	15.50	17.00	17.00	15.75	14.50
		802.11ac 80 MHz	58	5290	17.00	17.00	17.00	17.00	17.00	17.00	16.75	15.50	17.00	17.00	15.75	14.50
		802.11ac 160 MHz	50	5250	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
	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
	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			104	5520	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			108	5540	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			112	5560	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			116	5580	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			120	5600	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			124	5620	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			128	5640	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			132	5660	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			136	5680	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			140	5700	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.25	17.00	17.00	17.00	14.25
			144	5720	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
		802.11n/ac 40 MHz	102	5510	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.25	16.00	16.00	16.00	14.25
			110	5550	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
			118	5590	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
			126	5630	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
			134	5670	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			142	5710	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
		802.11ac 80 MHz	106	5530	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	15.25	**17.00**	**17.00**	**17.00**	14.25
			122	5610	**20.50**	**19.25**	**20.50**	**19.25**	**20.50**	**19.25**	**18.00**	15.25	**20.50**	**18.75**	**17.00**	14.25
			138	5690	**20.50**	**19.25**	**20.50**	**19.25**	**20.50**	**19.25**	**18.00**	15.25	**20.50**	**18.75**	**17.00**	14.25
		802.11ac 160 MHz	114	5570	15.50	15.50	15.50	15.50	15.50	15.50	15.50	**15.25**	15.50	15.50	15.50	**14.25**
	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
	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			153	5765	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			157	5785	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			161	5805	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			165	5825	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
		802.11n/ac 40 MHz	151	5755	20.50	19.50	20.50	19.50	20.50	19.50	19.50	15.50	20.50	19.00	18.50	14.50
			159	5795	20.50	19.50	20.50	19.50	20.50	19.50	19.50	15.50	20.50	19.00	18.50	14.50
		802.11ac 80 MHz	155	5775	20.50	**19.50**	20.50	**19.50**	20.50	**19.50**	**19.50**	**15.50**	20.50	**19.00**	**18.50**	**14.50**

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

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)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 1 & Power State 2 & Power State 3	ANT5	U-NII-2A	802.11n HT40	54	5270	19.71	20.50	Yes	U-NII-1	802.11n HT40	38	5190	15.78	16.50	Yes
				62	5310	16.22	17.00				46	5230	19.26	20.00	
		U-NII-2C	802.11ac VHT80	106	5530	16.19	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	16.19	17.00	Yes
				122	5610	19.10	20.50				122	5610	18.16	19.50	
				138	5690	19.06	20.50				138	5690	18.01	19.50	
		U-NII-3	802.11a	149	5745	19.89	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	18.22	19.50	Yes
				157	5785	19.81	21.00								
				165	5825	20.08	21.00								
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.06	20.50	Yes	U-NII-1	802.11n HT40	38	5190	15.02	16.50	Yes
				62	5310	15.52	17.00				46	5230	19.20	20.00	
		U-NII-2C	802.11ac VHT80	106	5530	15.91	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	15.91	17.00	Yes
				122	5610	19.36	20.50				122	5610	18.43	19.25	
				138	5690	19.20	20.50				138	5690	18.01	19.25	
		U-NII-3	802.11a	149	5745	20.79	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	18.50	19.50	Yes
				157	5785	20.68	21.00								
				165	5825	20.71	21.00								
Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 4	ANT5	U-NII-2A	802.11n HT40	54	5270	18.00	19.00	Yes	U-NII-1	802.11ac VHT80	42	5210	14.52	16.00	Yes
				62	5310	15.99	17.00								
		U-NII-2C	802.11ac VHT80	106	5530	15.86	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.14	15.50	Yes
				122	5610	17.00	18.00								
				138	5690	17.00	18.00								
		U-NII-3	802.11ac VHT80	155	5775	17.35	18.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.10	15.50	Yes
	ANT6	U-NII-1	802.11n HT40	38	5190	15.01	16.50	Yes	U-NII-1	802.11ac VHT80	42	5210	14.96	16.00	Yes
				46	5230	16.71	17.25								
		U-NII-2C	802.11ac VHT80	106	5530	15.79	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	13.83	15.25	Yes
				122	5610	16.82	18.00	Yes							
				138	5690	16.52	18.00	Yes							
		U-NII-3	802.11ac VHT80	155	5775	18.14	19.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.36	15.50	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 5	ANT5	U-NII-2A	802.11n HT40	54	5270	19.71	20.50	Yes	U-NII-1	802.11n HT40	38	5190	15.78	16.50	Yes
				62	5310	16.22	17.00				46	5230	19.26	19.50	
		U-NII-2C	802.11ac VHT80	106	5530	16.19	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	16.19	17.00	Yes
				122	5610	19.10	20.50				122	5610	18.16	19.00	
				138	5690	19.06	20.50				138	5690	18.01	19.00	
		U-NII-3	802.11a	149	5745	19.89	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	18.22	19.00	Yes
				157	5785	19.81	21.00								
				165	5825	20.08	21.00								
	ANT6	U-NII-1	802.11n HT40	38	5190	15.50	16.50	Yes	U-NII-1	802.11n HT40	38	5190	15.02	16.50	Yes
				46	5230	19.00	20.50				46	5230	19.20	19.50	
		U-NII-2C	802.11ac VHT80	106	5530	15.91	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	15.91	17.00	Yes
				122	5610	19.36	20.50				122	5610	18.43	18.75	
				138	5690	19.20	20.50				138	5690	18.01	18.75	
		U-NII-3	802.11a	149	5745	20.79	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	18.50	19.00	Yes
				157	5785	20.68	21.00								
				165	5825	20.71	21.00								

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 6	ANT5	U-NII-2A	802.11n HT40	54	5270	18.00	18.00	Yes	U-NII-1	802.11ac VHT80	42	5210	14.52	15.00	Yes
				62	5310	15.99	17.00								
		U-NII-2C	802.11ac VHT80	106	5530	15.86	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.14	14.50	Yes
				122	5610	17.00	17.00								
				138	5690	17.00	17.00								
		U-NII-3	802.11ac VHT80	155	5775	17.35	17.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.10	14.50	Yes
	ANT6	U-NII-1	802.11ac VHT80	42	5210	15.67	16.25	Yes	U-NII-1	802.11ac VHT80	50	5250	14.96	15.00	Yes
		U-NII-2C	802.11ac VHT80	106	5530	15.79	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	13.83	14.25	Yes
				122	5610	16.82	17.00								
				138	5690	16.52	17.00								
		U-NII-3	802.11ac VHT80	155	5775	18.14	18.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.36	14.50	Yes

Duty Factor Measured Results

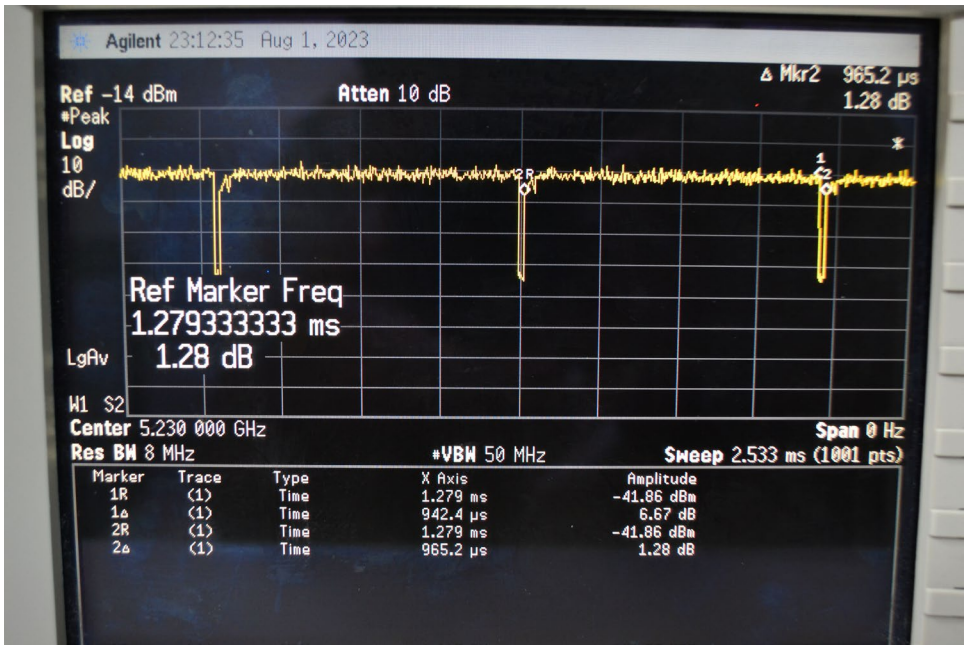
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.11a	6 Mbps	2.065	2.087	98.95%	1.01
802.11n HT40	MCS0	0.9424	0.9652	97.64%	1.02
802.11ac VHT80	MCS0	0.4585	0.483	94.93%	1.05
802.11ac VHT160	MCS0	0.232	0.252	92.06%	1.09

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

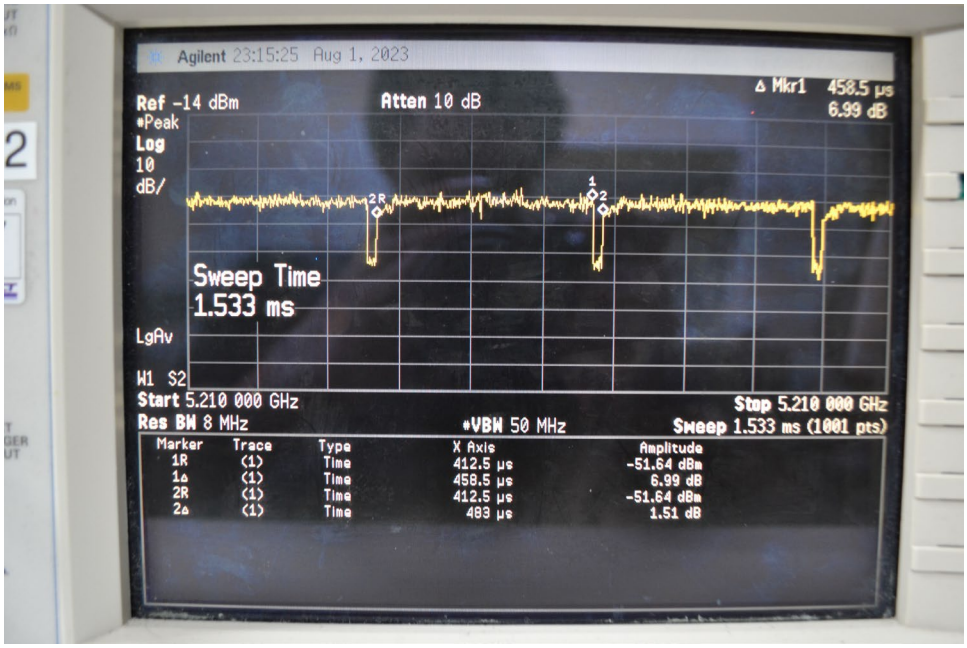
Duty Cycle plots

802.11a 6 Mbps

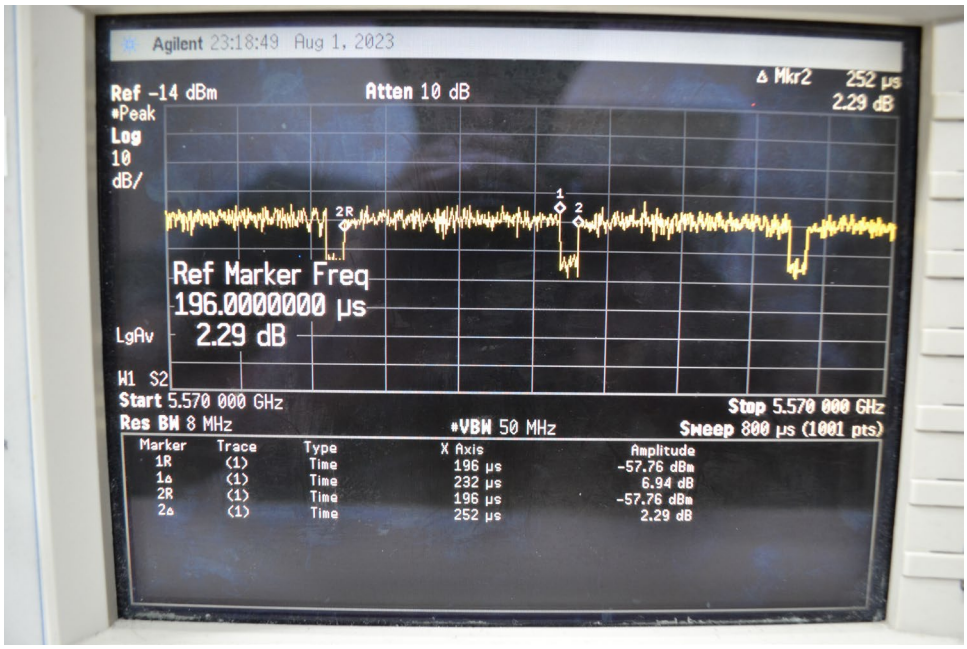
802.11n HT40 MCS0



802.11ac VHT80 MCS0



802.11ac VHT160 MCS0



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

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/ax modes, the channel in the lower order/sequence 802.11 transmission 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 6E Test channels were determined in one of two ways:

- Wi-Fi 6E 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 6E 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 6E

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 iPD testing per channel. In the Wi-Fi 6E (Power State) table, the highlighted worst case Low/Mid/High channels are selected for Mode A and Mode B.

Standard Power (Indoor/Outdoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																							
				ANT5 / ANT6																							
				SISO										MIMO													
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11ax HE20 (2Tx, SDM, nonTxBF) Low Rate	11ax HE20 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
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	NS	NS	NS
		1	5955	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		5	5975	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		9-29	5995-6095	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		33-61	6115-6255	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		65-85	6275-6375	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		89	6395	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		93	6415	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
	U-NII-6	97-113	6435-6515	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	117-181	6535-6855	18.5	18.5	18.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5
		185	6875	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	189-225	6895-7075	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		229	7095	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		233	7115	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	11ax HE40 RU484 (SISO)	11ax HE40 RU106 (SISO)	11ax HE40 RU52 (SISO)	11ax HE40 RU26 (SISO)	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11ax HE40 (2Tx, SDM, nonTxBF) Low Rate	11ax HE40 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-5	3	5965	[redacted]			19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		11	6005	[redacted]			19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		19-27	6045-6085	[redacted]			19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		35-59	6125-6245	[redacted]			19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		67-75	6285-6325	[redacted]			19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		83	6365	[redacted]			19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		91	6405	[redacted]			19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
	U-NII-6	99-107	6445-6485	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		115	6525	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	123-179	6565-6845	[redacted]			18.5	18.5	18.5	18.5	13.5	10.5	7.5	18.5	18.5	18.5	18.5	13.5	10.5	7.5	18.5	18.5	18.5	18.5	13.5	10.5	7.5
		187	6885	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	195-219	6925-7045	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		227	7085	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	11ax HE80 RU996 (SISO)	11ax HE80 RU106 (SISO)	11ax HE80 RU52 (SISO)	11ax HE80 RU26 (SISO)	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11ax HE80 (2Tx, SDM, nonTxBF) Low Rate	11ax HE80 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-5	7	5985	[redacted]			19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		23	6065	[redacted]			19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		39-55	6145-6225	[redacted]			19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		71	6305	[redacted]			19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		87	6385	[redacted]			19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
	U-NII-6	103	6465	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		119	6545	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	135-167	6625-6785	[redacted]			18.5	18.5	18.5	18.5	10.5	7.5	4.5	18.5	18.5	18.5	18.5	10.5	7.5	4.5	18.5	18.5	18.5	18.5	10.5	7.5	4.5
		183	6865	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	199	6945	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		215	7025	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ax HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	11ax HE160 RU26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025	[redacted]			19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
		47	6185	[redacted]			19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
		79	6345	[redacted]			19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
	U-NII-6	111	6505	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	143	6665	[redacted]			18.5	18.5	18.5	18.5	7.5	4.5	1.5	18.5	18.5	18.5	18.5	7.5	4.5	1.5	18.5	18.5	18.5	18.5	7.5	4.5	1.5
		175	6825	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	207	6985	[redacted]			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Low Power (Indoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																							
				ANT5 / ANT6																							
				SISO										MIMO													
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11ax HE20 (2Tx, SDM, nonTxBF) Low Rate	11ax HE20 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
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	NS	NS	NS
		1	5955	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.0	5.0	2.0	5.3	5.3	5.3	5.3	2.3	-0.8	-3.8	8.3	8.3	8.3	8.3	5.3	2.3	-0.8
		5	5975	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.0	5.0	2.0	5.3	5.3	5.3	5.3	2.3	-0.8	-3.8	8.3	8.3	8.3	8.3	5.3	2.3	-0.8
		9-29	5995-6095	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.0	5.0	2.0	5.3	5.3	5.3	5.3	2.3	-0.8	-3.8	8.3	8.3	8.3	8.3	5.3	2.3	-0.8
		33-61	6115-6255	10.0	10.0	10.0	10.0	10.0	10.0	10.0	7.0	4.0	1.0	4.0	4.0	4.0	4.0	1.0	-2.0	-5.0	7.0	7.0	7.0	7.0	4.0	1.0	-2.0
		65-85	6275-6375	10.3	10.3	10.3	10.3	10.3	10.3	10.3	7.3	4.3	1.3	5.0	5.0	5.0	5.0	2.0	-1.0	-4.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0
		89	6395	10.3	10.3	10.3	10.3	10.3	10.3	10.3	7.3	4.3	1.3	5.0	5.0	5.0	5.0	2.0	-1.0	-4.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0
		93	6415	10.3	10.3	10.3	10.3	10.3	10.3	10.3	7.3	4.3	1.3	5.0	5.0	5.0	5.0	2.0	-1.0	-4.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0
	U-NII-6	97-113	6435-6515	9.5	9.5	9.5	9.5	9.5	9.5	9.5	6.5	3.5	0.5	4.0	4.0	4.0	4.0	1.0	-2.0	-5.0	7.0	7.0	7.0	7.0	4.0	1.0	-2.0
	U-NII-7	117-181	6535-6855	8.0	8.0	8.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0	2.8	2.8	2.8	2.8	-0.3	-3.3	-6.3	5.8	5.8	5.8	5.8	2.8	-0.3	-3.3
		185	6875	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	2.8	2.8	2.8	2.8	-0.3	-3.3	-6.3	5.8	5.8	5.8	5.8	2.8	-0.3	-3.3
	U-NII-8	189-225	6895-7075	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	4.3	4.3	4.3	4.3	1.3	-1.8	-4.8	6.8	6.8	6.8	6.8	3.8	0.8	-2.3
		229	7095	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	4.3	4.3	4.3	4.3	1.3	-1.8	-4.8	6.8	6.8	6.8	6.8	3.8	0.8	-2.3
		233	7115	-5.0	-6.0	-6.0	-5.0	-6.0	-6.0	Disabled	NS	NS	NS	-5.5	-6.5	-6.5	Disabled	NS	NS	NS	-5.5	-6.5	-6.5	Disabled	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	11ax HE40 RU484 (SISO)	11ax HE40 RU106 (SISO)	11ax HE40 RU52 (SISO)	11ax HE40 RU26 (SISO)	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11ax HE40 (2Tx, SDM, nonTxBF) Low Rate	11ax HE40 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-5	3	5965	[redacted]			14.0	14.0	14.0	14.0	8.0	5.0	2.0	8.3	8.3	8.3	8.3	2.3	-0.8	-3.8	11.3	11.3	11.3	11.3	5.3	2.3	-0.8
		11	6005	[redacted]			14.0	14.0	14.0	14.0	8.0	5.0	2.0	8.3	8.3	8.3	8.3	2.3	-0.8	-3.8	11.3	11.3	11.3	11.3	5.3	2.3	-0.8
		19-27	6045-6085	[redacted]			14.0	14.0	14.0	14.0	8.0	5.0	2.0	8.3	8.3	8.3	8.3	2.3	-0.8	-3.8	11.3	11.3	11.3	11.3	5.3	2.3	-0.8
		35-59	6125-6245	[redacted]			13.0	13.0	13.0	13.0	7.0	4.0	1.0	7.0	7.0	7.0	7.0	1.0	-2.0	-5.0	10.0	10.0	10.0	10.0	4.0	1.0	-2.0
		67-75	6285-6325	[redacted]			13.3	13.3	13.3	13.3	7.3	4.3	1.3	8.0	8.0	8.0	8.0	2.0	-1.0	-4.0	11.0	11.0	11.0	11.0	5.0	2.0	-1.0
		83	6365	[redacted]			13.3	13.3	13.3	13.3	7.3	4.3	1.3	8.0	8.0	8.0	8.0	2.0	-1.0	-4.0	11.0	11.0	11.0	11.0	5.0	2.0	-1.0
		91	6405	[redacted]			13.3	13.3	13.3	13.3	7.3	4.3	1.3	8.0	8.0	8.0	8.0	2.0	-1.0	-4.0	11.0	11.0	11.0	11.0	5.0	2.0	-1.0
	U-NII-6	99-107	6445-6485	[redacted]			12.5	12.5	12.5	12.5	6.5	3.5	0.5	7.0	7.0	7.0	7.0	1.0	-2.0	-5.0	10.0	10.0	10.0	10.0	4.0	1.0	-2.0
		115	6525	[redacted]			11.0	11.0	11.0	11.0	5.0	2.0	-1.0	5.8	5.8	5.8	5.8	-0.3	-3.3	-6.3	8.8	8.8	8.8	8.8	2.8	-0.3	-3.3
	U-NII-7	123-179	6565-6845	[redacted]			11.0	11.0	11.0	11.0	5.0	2.0	-1.0	5.8	5.8	5.8	5.8	-0.3	-3.3	-6.3	8.8	8.8	8.8	8.8	2.8	-0.3	-3.3
		187	6885	[redacted]			10.5	10.5	10.5	10.5	4.5	1.5	-1.5	5.8	5.8	5.8	5.8	-0.3	-3.3	-6.3	8.8	8.8	8.8	8.8	2.8	-0.3	-3.3
	U-NII-8	195-219	6925-7045	[redacted]			10.5	10.5	10.5	10.5	4.5	1.5	-1.5	7.3	7.3	7.3	7.3	1.3	-1.8	-4.8	9.8	9.8	9.8	9.8	3.8	0.8	-2.3
		227	7085	[redacted]			10.5	10.5	10.5	10.5	4.5	1.5	-1.5	7.3	7.3	7.3	7.3	1.3	-1.8	-4.8	9.8	9.8	9.8	9.8	3.8	0.8	-2.3
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	11ax HE80 RU996 (SISO)	11ax HE80 RU106 (SISO)	11ax HE80 RU52 (SISO)	11ax HE80 RU26 (SISO)	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11ax HE80 (2Tx, SDM, nonTxBF) Low Rate	11ax HE80 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-5	7	5985	[redacted]			16.5	16.5	16.5	16.5	8.0	5.0	2.0	10.8	10.8	10.8	10.8	2.3	-0.8	-3.8	13.8	13.8	13.8	13.8	5.3	2.3	-0.8
		23	6065	[redacted]			16.5	16.5	16.5	16.5	8.0	5.0	2.0	10.8	10.8	10.8	10.8	2.3	-0.8	-3.8	13.8	13.8	13.8	13.8	5.3	2.3	-0.8
		39-55	6145-6225	[redacted]			15.5	15.5	15.5	15.5	7.0	4.0	1.0	9.5	9.5	9.5	9.5	1.0	-2.0	-5.0	12.5	12.5	12.5	12.5	4.0	1.0	-2.0
		71	6305	[redacted]			15.8	15.8	15.8	15.8	7.3	4.3	1.3	10.5	10.5	10.5	10.5	2.0	-1.0	-4.0	13.5	13.5	13.5	13.5	5.0	2.0	-1.0
		87	6385	[redacted]			15.8	15.8	15.8	15.8	7.3	4.3	1.3	10.5	10.5	10.5	10.5	2.0	-1.0	-4.0	13.5	13.5	13.5	13.5	5.0	2.0	-1.0
	U-NII-6	103	6465	[redacted]			15.0	15.0	15.0	15.0	6.5	3.5	0.5	9.5	9.5	9.5	9.5	1.0	-2.0	-5.0	12.5	12.5	12.5	12.5	4.0	1.0	-2.0
		119	6545	[redacted]			13.5	13.5	13.5	13.5	5.0	2.0	-1.0	8.3	8.3	8.3	8.3	-0.3	-3.3	-6.3	11.3	11.3	11.3	11.3	2.8	-0.3	-3.3
	U-NII-7	135-167	6625-6785	[redacted]			13.5	13.5	13.5	13.5	5.0	2.0	-1.0	8.3	8.3	8.3	8.3	-0.3	-3.3	-6.3	11.3	11.3	11.3	11.3	2.8	-0.3	-3.3
		183	6865	[redacted]			13.0	13.0	13.0	13.0	4.5	1.5	-1.5	8.3	8.3	8.3	8.3	-0.3	-3.3	-6.3	11.3	11.3	11.3	11.3	2.8	-0.3	-3.3
	U-NII-8	199	6945	[redacted]			13.0	13.0	13.0	13.0	4.5	1.5	-1.5	9.8	9.8	9.8	9.8	1.3	-1.8	-4.8	12.3	12.3	12.3	12.3	3.8	0.8	-2.3
		215	7025	[redacted]			13.0	13.0	13.0	13.0	4.5	1.5	-1.5	9.8	9.8	9.8	9.8	1.3	-1.8	-4.8	12.3	12.3	12.3	12.3	3.8	0.8	-2.3
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ax HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	11ax HE160 RU26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025	[redacted]			19.5	19.5	19.5	19.5	8.0	5.0	2.0	13.8	13.8	13.8	13.8	2.3	-0.8	-3.8	16.8	16.8	16.8	16.8	5.3	2.3	-0.8
		47	6185	[redacted]			18.5	18.5	18.5	18.5	7.0	4.0	1.0	12.5	12.5	12.5	12.5	1.0	-2.0	-5.0	15.5	15.5	15.5	15.5	4.0	1.0	-2.0
		79	6345	[redacted]			18.8	18.8	18.8	18.8	7.3	4.3	1.3	13.5	13.5	13.5	13.5	2.0	-1.0	-4.0	16.5	16.5	16.5	16.5	5.0	2.0	-1.0
	U-NII-6	111	6505	[redacted]			16.5	16.5	16.5	16.5	5.0	2.0	-1.0	11.3	11.3	11.3	11.3	-0.3	-3.3	-6.3	14.3	14.3	14.3	14.3	2.8	-0.3	-3.3
	U-NII-7	143	6665	[redacted]			16.5	16.5	16.5	16.5	5.0	2.0	-1.0	11.3	11.3	11.3	11.3	-0.3	-3.3	-6.3	14.3	14.3	14.3	14.3	2.8	-0.3	-3.3
		175	6825	[redacted]			16.0	16.0	16.0	16.0	4.5	1.5	-1.5	11.3	11.3	11.3	11.3	-0.3	-3.3	-6.3	14.3	14.3	14.3	14.3	2.8	-0.3	-3.3
	U-NII-8	207	6985	[redacted]			16.0	16.0	16.0	16.0	4.5	1.5	-1.5	12.8	12.8	12.8	12.8	1.3	-1.8	-4.8	15.3	15.3	15.3	15.3	3.8	0.8	-2.3

Wi-Fi 6E(Power States)

For Wi-Fi 6E bands, there are use 6 difference power states:

- Power state 1: 802.15.4ab-NB_{OFF} | P_{mid} | $CELL_{OFF}$
- Power state 2: 802.15.4ab-NB_{ON} | P_{mid} | $CELL_{OFF}$
- Power state 3: 802.15.4ab-NB_{OFF} | P_{high} | $CELL_{OFF}$
- Power state 4: 802.15.4ab-NB_{OFF} | P_{low} | $CELL_{ON}$
- Power state 5: 802.15.4ab-NB_{ON} | P_{high} | $CELL_{OFF}$
- Power state 6: 802.15.4ab-NB_{ON} | P_{low} | $CELL_{ON}$

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	11.50	11.50	11.50	11.50	11.50	11.50	11.00	11.00	11.50	11.50	10.00	10.00
			5	5975	11.50	11.50	11.50	11.50	11.50	11.50	11.00	11.00	11.50	11.50	10.00	10.00
			9-29	5995-6095	11.50	11.50	11.50	11.50	11.50	11.50	11.00	11.00	11.50	11.50	10.00	10.00
			33-61	6115-6255	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75
			65-85	6275-6375	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
			89	6395	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
			93	6415	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
		802.11ax 40 MHz	3	5965	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			11	6005	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			19-27	6045-6085	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			35-59	6125-6245	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			67-75	6285-6325	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			83	6365	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			91	6405	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
		802.11ax 80 MHz	7	5985	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			23	6065	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			39-55	6145-6225	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			71	6305	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			87	6385	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
		802.11ax 160 MHz	15	6025	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**11.00**	**11.00**	**11.50**	**11.50**	**10.00**	**10.00**
			47	6185	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**11.00**	**11.00**	**11.50**	**11.50**	**10.00**	**10.00**
			79	6345	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**11.00**	**11.00**	**11.50**	**11.50**	**10.00**	**10.00**

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-6	802.11a 20 MHz	97-109	6435-6495	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.00	9.00
			113	6515	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.00	9.00
		802.11ax 40 MHz	99-107	6445-6485	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			115	6525	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
		802.11ax 80 MHz	103	6465	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			119	6545	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
		802.11ax 160 MHz	111	6505	**11.00**	**11.00**	**11.00**	**11.00**	**11.00**	**11.00**	**10.00**	**10.00**	**10.50**	**10.50**	**9.00**	**9.00**

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-7	802.11a 20 MHz	117-125	6535-6575	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
			125-157	6575-6735	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
			161-181	6735-6855	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
			185	6875	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
		802.11ax 40 MHz	123	6565	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			131-155	6605-6725	11.00	11.00	11.00	11.00	11.00	11.00	10.25	10.25	10.75	10.75	9.25	9.25
			163-179	6765-6845	11.00	11.00	11.00	11.00	11.00	11.00	10.25	10.25	10.75	10.75	9.25	9.25
			187	6885	10.50	10.50	10.50	10.50	10.50	10.50	10.25	10.25	10.50	10.50	9.25	9.25
		802.11ax 80 MHz	135-151	6625-6705	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			167	6785	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			183	6865	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
		802.11ax 160 MHz	143	6665	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**10.25**	**10.25**	**10.75**	**10.75**	**9.25**	**9.25**
			175	6825	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**10.25**	**10.25**	**10.75**	**10.75**	**9.25**	**9.25**

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
ANT5	U-NII-8	802.11a 20 MHz	189-225	6895-7075	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
			229	7095	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
			233	7115	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
		802.11ax 40 MHz	195-219	6925-7045	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
			227	7085	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
		802.11ax 80 MHz	199	6945	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
			215	7025	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
		802.11ax 160 MHz	207	6985	**9.75**	**9.75**	**9.75**	**9.75**	**9.75**	**9.75**	**8.75**	**8.75**	**9.25**	**9.25**	**7.75**	**7.75**

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

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	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			5	5975	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			9-29	5995-6095	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			33-61	6115-6255	9.75	9.75	9.75	9.75	9.75	9.75	9.00	9.00	9.50	9.50	8.00	8.00
			65-85	6275-6375	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			89	6395	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			93	6415	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		802.11ax 40 MHz	3	5965	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			11	6005	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			19-27	6045-6085	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			35-59	6125-6245	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			67-75	6285-6325	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			83	6365	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			91	6405	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		802.11ax 80 MHz	7	5985	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			23	6065	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			39-55	6145-6225	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			71	6305	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			87	6385	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		802.11ax 160 MHz	15	6025	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**9.00**	**9.00**	**9.50**	**9.50**	**8.00**	**8.00**
			47	6185	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**9.00**	**9.00**	**9.50**	**9.50**	**8.00**	**8.00**
			79	6345	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
	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
	U-NII-6	802.11a 20 MHz	97-109	6435-6495	8.75	8.75	8.75	8.75	8.75	8.75	7.75	7.75	8.25	8.25	6.75	6.75
			113	6515	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 40 MHz	99-107	6445-6485	8.75	8.75	8.75	8.75	8.75	8.75	7.75	7.75	8.25	8.25	6.75	6.75
			115	6525	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 80 MHz	103	6465	**8.75**	**8.75**	**8.75**	**8.75**	**8.75**	**8.75**	**7.75**	**7.75**	**8.25**	**8.25**	**6.75**	**6.75**
			119	6545	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
		802.11ax 160 MHz	111	6505	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
	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
	U-NII-7	802.11a 20 MHz	117-125	6535-6575	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			129-181	6595-6855	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			185	6875	7.50	7.50	7.50	7.50	7.50	7.50	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 40 MHz	123	6565	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			131-179	6605-6845	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			187	6885	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 80 MHz	135-151	6625-6705	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			167	6785	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			183	6865	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 160 MHz	143	6665	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
			175	6825	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
	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
	U-NII-8	802.11a 20 MHz	189	6895	**7.50**	**7.50**	**7.50**	**7.50**	**7.50**	**7.50**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
			193-225	6915-7075	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**6.00**	**6.00**	**6.50**	**6.50**	**5.00**	**5.00**
			229	7095	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**6.00**	**6.00**	**6.50**	**6.50**	**5.00**	**5.00**
			233	7115	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
		802.11ax 40 MHz	195-219	6925-7045	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00
			227	7085	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00
		802.11ax 80 MHz	199	6945	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00
			215	7025	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00
		802.11ax 160 MHz	207	6985	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

Wi-Fi 6E Measured Results

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 1 & Power State 2 & Power State 3	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	10.56	12.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.56	12.00	Yes
				47	6185	11.10	12.00	Yes			47	6185	11.10	12.00	Yes
				79	6345	10.82	12.00	Yes			79	6345	10.82	12.00	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	9.94	11.00	Yes	U-NII-6	802.11ax 160 MHz	111	6505	9.94	11.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	10.13	11.25	Yes	U-NII-7	802.11ax 160 MHz	143	6665	10.13	11.25	Yes
				175	6825	10.56	11.25	Yes			175	6825	10.56	11.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	9.75	9.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	9.75	9.75	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	9.73	10.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.73	10.00	Yes
				47	6185	9.51	10.00	Yes			47	6185	9.51	10.00	Yes
				79	6345	7.27	8.50	Yes			79	6345	7.27	8.50	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	8.25	8.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	8.25	8.75	Yes
				119	6545	6.96	8.00	Yes			119	6545	6.96	8.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	7.55	8.00	Yes	U-NII-7	802.11ax 160 MHz	143	6665	7.55	8.00	Yes
				175	6825	6.99	8.00	Yes			175	6825	6.99	8.00	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	6.29	7.50	Yes	U-NII-8	802.11ax 20 MHz	189	6895	6.29	7.50	Yes
				209	6995	5.91	7.00	Yes			209	6995	5.91	7.00	Yes
				229	7095	5.77	7.00	Yes			229	7095	5.77	7.00	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 4	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	9.90	11.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.90	11.00	Yes
				47	6185	9.67	11.00	Yes			47	6185	9.67	11.00	Yes
				79	6345	9.89	11.00	Yes			79	6345	9.89	11.00	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	8.92	10.00	Yes	U-NII-6	802.11ax 160 MHz	111	6505	8.92	10.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	9.23	10.25	Yes	U-NII-7	802.11ax 160 MHz	143	6665	9.23	10.25	Yes
				175	6825	9.09	10.25	Yes			175	6825	9.09	10.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	7.48	8.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	7.48	8.75	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	7.77	9.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	7.77	9.00	Yes
				47	6185	7.96	9.00	Yes			47	6185	7.96	9.00	Yes
				79	6345	6.43	7.50	Yes			79	6345	6.43	7.50	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	6.54	7.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	6.54	7.75	Yes
				119	6545	5.51	7.00	Yes			119	6545	5.51	7.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	5.80	7.00	Yes	U-NII-7	802.11ax 160 MHz	143	6665	5.80	7.00	Yes
				175	6825	5.97	7.00	Yes			175	6825	5.97	7.00	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	5.70	7.00	Yes	U-NII-8	802.11ax 20 MHz	189	6895	5.70	7.00	Yes
				209	6995	4.93	6.00	Yes			209	6995	4.93	6.00	Yes
				229	7095	4.68	6.00	Yes			229	7095	4.68	6.00	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 5	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	10.15	11.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.15	11.50	Yes
				47	6185	10.38	11.50	Yes			47	6185	10.38	11.50	Yes
				79	6345	10.01	11.50	Yes			79	6345	10.01	11.50	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	9.28	10.50	Yes	U-NII-6	802.11ax 160 MHz	111	6505	9.28	10.50	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	9.57	10.75	Yes	U-NII-7	802.11ax 160 MHz	143	6665	9.57	10.75	Yes
				175	6825	9.64	10.75	Yes			175	6825	9.64	10.75	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	9.03	9.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	9.03	9.25	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	8.20	9.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	8.20	9.50	Yes
				47	6185	8.15	9.50	Yes			47	6185	8.15	9.50	Yes
				79	6345	6.74	8.00	Yes			79	6345	6.74	8.00	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	8.25	8.25	Yes	U-NII-6	802.11ax 80 MHz	103	6465	8.25	8.25	Yes
				119	6545	6.22	7.50	Yes			119	6545	6.22	7.50	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	6.49	7.50	Yes	U-NII-7	802.11ax 160 MHz	143	6665	6.49	7.50	Yes
				175	6825	6.46	7.50	Yes			175	6825	6.46	7.50	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	6.22	7.50	Yes	U-NII-8	802.11ax 20 MHz	189	6895	6.22	7.50	Yes
				209	6995	5.48	6.50	Yes			209	6995	5.48	6.50	Yes
				229	7095	5.02	6.50	Yes			229	7095	5.02	6.50	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 6	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	8.67	10.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	8.67	10.00	Yes
				47	6185	8.99	10.00	Yes			47	6185	8.99	10.00	Yes
				79	6345	8.68	10.00	Yes			79	6345	8.68	10.00	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	7.77	9.00	Yes	U-NII-6	802.11ax 160 MHz	111	6505	7.77	9.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	8.06	9.25	Yes	U-NII-7	802.11ax 160 MHz	143	6665	8.06	9.25	Yes
				175	6825	7.98	9.25	Yes			175	6825	7.98	9.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	6.73	7.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	6.73	7.75	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	6.75	8.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	6.75	8.00	Yes
				47	6185	6.72	8.00	Yes			47	6185	6.72	8.00	Yes
				79	6345	5.42	6.50	Yes			79	6345	5.42	6.50	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	5.75	6.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	5.75	6.75	Yes
				119	6545	4.95	6.00	Yes			119	6545	4.95	6.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	4.91	6.00	Yes	U-NII-7	802.11ax 160 MHz	143	6665	4.91	6.00	Yes
				175	6825	4.83	6.00	Yes			175	6825	4.83	6.00	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	4.97	6.00	Yes	U-NII-8	802.11ax 20 MHz	189	6895	4.97	6.00	Yes
				209	6995	3.97	5.00	Yes			209	6995	3.97	5.00	Yes
				229	7095	3.74	5.00	Yes			229	7095	3.74	5.00	Yes

Duty Factor Measured Results

Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.11a	6 Mbps	2.065	2.087	98.95%	1.01
802.11ax HE40	MCS0	1.47	1.49	98.66%	1.01
802.11ax HE80	MCS0	1.395	1.42	98.24%	1.02
802.11ax HE160	MCS0	0.232	0.252	92.06%	1.09

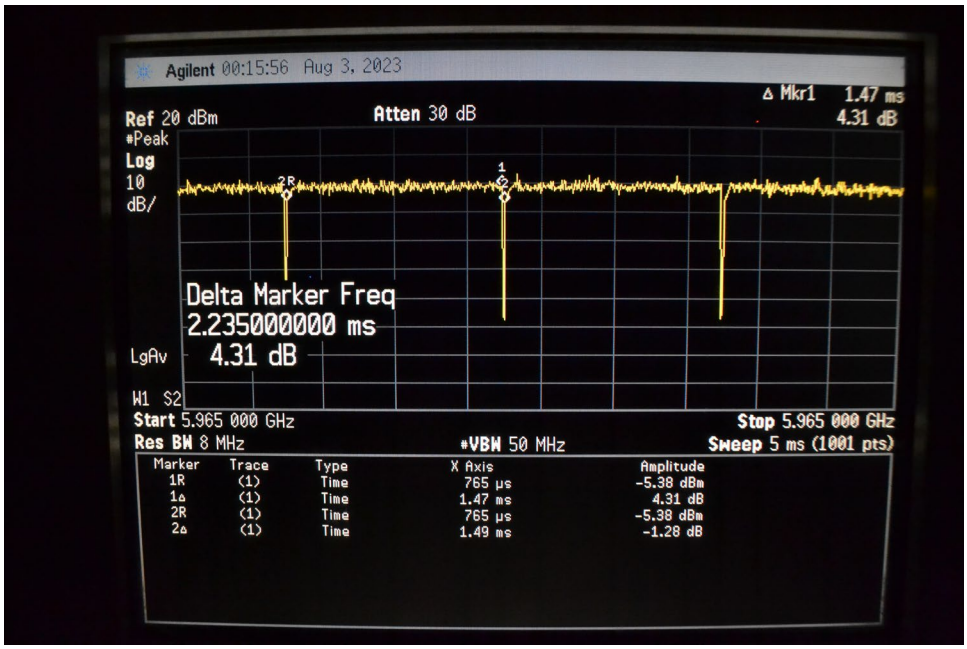
Note(s):

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

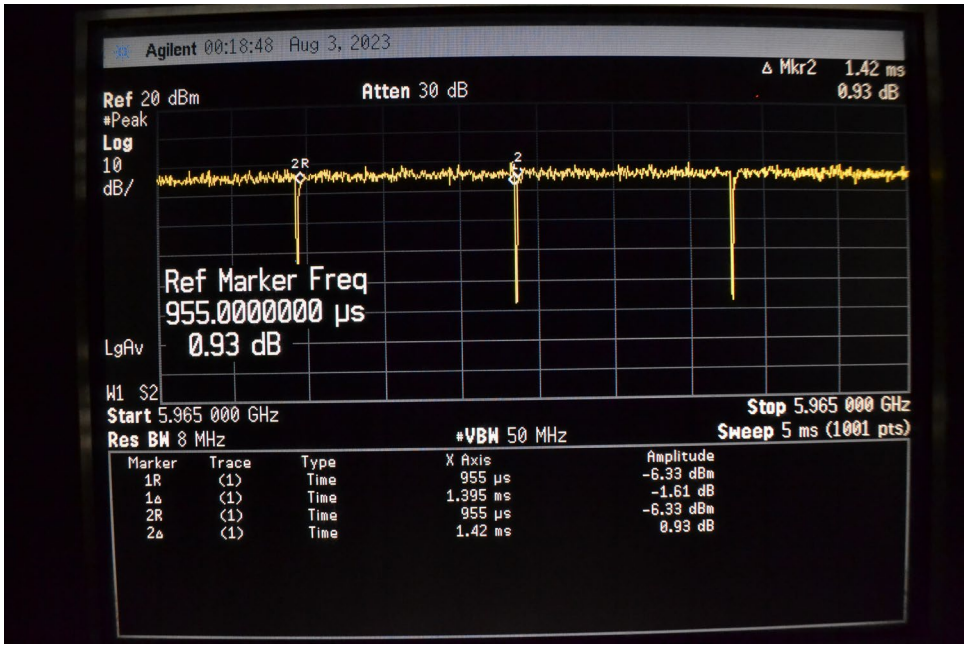
Duty Cycle plots

802.11a 6 Mbps

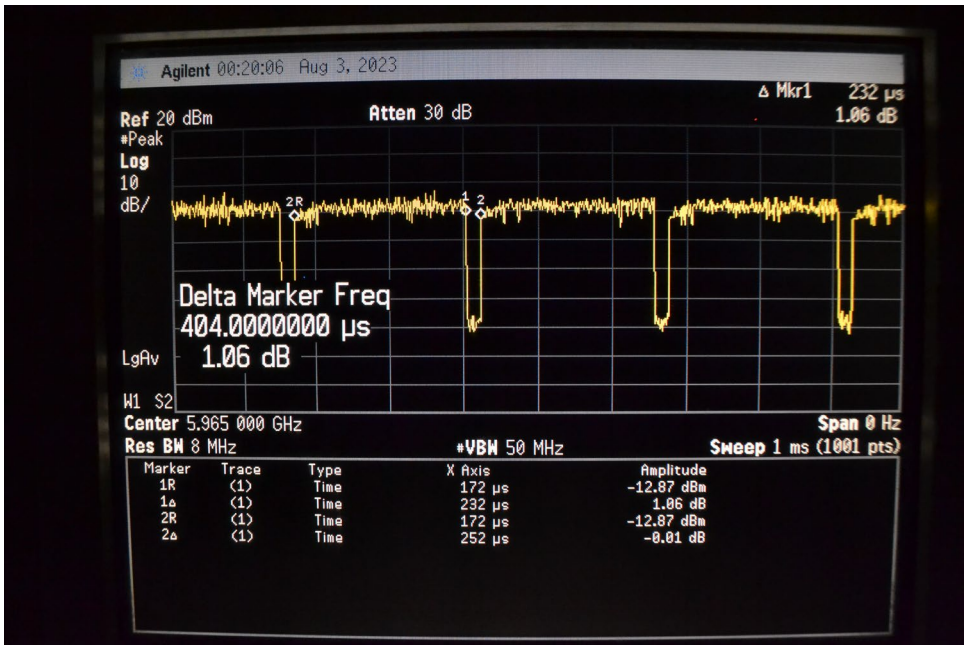
802.11ax HE40 MCS0



802.11ax HE80 MCS0



802.11ax HE160 MCS0



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 <1.6W/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.

Maximum Output Power for Bluetooth (P_{low}, P_{mid}, P_{high}, and $P_{standalone}$)

For Bluetooth, there are three use cases:

- Bluetooth P_{low} is used when both Wi-Fi and WWAN antennas are active.
- Bluetooth P_{Mid} is used when Wi-Fi antenna is active and WWAN antenna is inactive. P_{Mid} power state occurs during Wi-Fi states 1/2.
- Bluetooth P_{high} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active. P_{High} power state occurs during Wi-Fi states 3/5.
- Bluetooth $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

Mode	Maximum Output Power (dBm)															
	Bluetooth P_{low}				Bluetooth P_{mid}				Bluetooth P_{high}				Bluetooth $P_{standalone}$			
	ANT3		ANT4		ANT3		ANT4		ANT3		ANT4		ANT3		ANT4	
	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	Mode A	Mode B
GFSK	13.50	11.50	12.00	11.00	13.50	11.50	12.00	11.00	19.50	17.50	18.00	17.00	20.00	20.00	20.00	20.00
EDR	13.50	11.50	12.00	11.00	13.50	11.50	12.00	11.00	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
LE1M	13.50	11.50	12.00	11.00	13.50	11.50	12.00	11.00	19.50	17.50	18.00	17.00	20.50	20.50	20.50	20.50
LE2M	13.50	11.50	12.00	11.00	13.50	11.50	12.00	11.00	19.50	17.50	18.00	17.00	20.50	20.50	20.50	20.50
HDR4	12.50	11.50	12.00	11.00	12.50	11.50	12.00	11.00	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
HDR8	13.50	11.50	12.00	11.00	13.50	11.50	12.00	11.00	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50

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 ≤ ¼ dB higher than the primary mode.

Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Mode	Power Mode B (dBm)		
					Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
Bluetooth $P_{standalone}$	ANT3	LE 1 Mbps	0	2402	19.22	20.50	Yes	LE 1 Mbps	19.22	20.50	Yes
			39	2441	19.52	20.50			19.52	20.50	
			78	2480	19.28	20.50			19.28	20.50	
	ANT4	LE 1 Mbps	0	2402	19.08	20.50	Yes	LE 1 Mbps	19.08	20.50	Yes
			39	2441	19.11	20.50			19.11	20.50	
			78	2480	18.96	20.50			18.96	20.50	
Bluetooth P_{high}	ANT3	GFSK	0	2402	18.47	19.50	Yes	GFSK	16.22	17.50	Yes
			39	2441	18.29	19.50			16.36	17.50	
			78	2480	18.55	19.50			16.42	17.50	
	ANT4	GFSK	0	2402	17.20	18.00	Yes	GFSK	16.26	17.00	Yes
			39	2441	17.16	18.00			16.28	17.00	
			78	2480	16.88	18.00			16.13	17.00	
Bluetooth P_{mid}	ANT3	GFSK	0	2402	12.16	13.50	Yes	GFSK	9.92	11.50	Yes
			39	2441	12.40	13.50			10.45	11.50	
			78	2480	12.26	13.50			10.15	11.50	
	ANT4	GFSK	0	2402	10.65	12.00	Yes	GFSK	10.53	11.00	Yes
			39	2441	10.52	12.00			10.48	11.00	
			78	2480	10.56	12.00			10.02	11.00	
Bluetooth P_{low}	ANT3	GFSK	0	2402	12.16	13.50	Yes	GFSK	9.92	11.50	Yes
			39	2441	12.40	13.50			10.45	11.50	
			78	2480	12.26	13.50			10.15	11.50	
	ANT4	GFSK	0	2402	10.65	12.00	Yes	GFSK	10.53	11.00	Yes
			39	2441	10.52	12.00			10.48	11.00	
			78	2480	10.56	12.00			10.02	11.00	

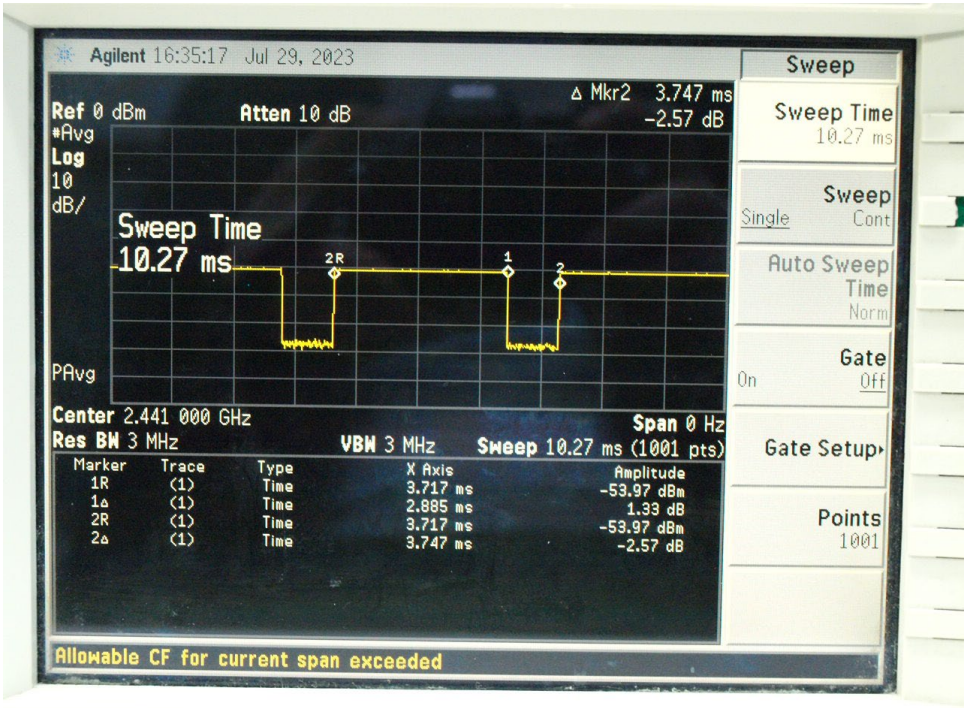
Duty Factor Measured Results

Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.885	3.747	76.99%	1.30

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

Duty Cycle plots

GFSK



9.11. NB UNII

NB UNII is in 5 GHz bands. This radio operates in the UNII-1 and UNII-3 frequency bands. Modulations include GFSK and π/4 DQPSK. Bandwidths supported are 1 MHz, 2 MHz, and 4 MHz.

Maximum Output Power for NB UNII (P_{low}, P_{mid}, P_{high}, and $P_{standalone}$)

For NB UNII, there are four use cases:

- NB UNII P_{low} is used when both Wi-Fi and WWAN antennas are active.
- NB UNII P_{Mid} is used when Wi-Fi antenna is active and WWAN antenna is inactive. P_{Mid} power state occurs during Wi-Fi states 1/2.
- NB UNII P_{high} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active. P_{High} power state occurs during Wi-Fi states 3/5.
- NB UNII $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

Band	Mode	Maximum Output Power (dBm)															
		NB UNII Plow				NB UNII Pmid				NB UNII Phigh				NB UNII Pstandalone			
		ANT5		ANT6		ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
		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	Mode A	Mode B
U-NII 1	GFSK	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
	HDR4	12.00	10.50	12.00	10.00	12.00	10.50	12.00	10.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	HDR8	14.00	10.50	12.00	10.00	14.00	10.50	12.00	10.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
U-NII 3	GFSK	13.50	10.50	14.50	10.50	13.50	10.50	14.50	10.50	19.00	16.50	20.00	16.50	19.50	19.50	20.00	20.00
	HDR4	13.50	10.50	14.50	10.50	13.50	10.50	14.50	10.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
	HDR8	13.50	10.50	14.50	10.50	13.50	10.50	14.50	10.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50

NB UNII Measured Results

SAR measurement is not required for the π/4DQPSK. When the secondary mode is ≤ ¼ dB higher than the primary mode.

Band	Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Mode	Power Mode B (dBm)		
						Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
U-NII 1	NB UNII $P_{standalone}$	ANT5	HDR8	Low	5162	13.22	14.00	Yes	HDR8	13.22	14.00	Yes
				Mid	5230	13.40	14.00			13.40	14.00	
				High	5245	12.57	14.00			12.57	14.00	
		ANT6	HDR8	Low	5162	13.33	14.00	Yes	HDR8	13.33	14.00	Yes
				Mid	5230	13.40	14.00			13.40	14.00	
				High	5245	13.22	14.00			13.22	14.00	
	NB UNII P_{high}	ANT5	HDR8	Low	5162	13.22	14.00	Yes	HDR8	13.22	14.00	Yes
				Mid	5230	13.40	14.00			13.40	14.00	
				High	5245	12.57	14.00			12.57	14.00	
		ANT6	HDR8	Low	5162	13.33	14.00	Yes	HDR8	13.33	14.00	Yes
				Mid	5230	13.40	14.00			13.40	14.00	
				High	5245	13.22	14.00			13.22	14.00	
	NB UNII P_{mid}	ANT5	HDR8	Low	5162	13.22	14.00	Yes	HDR4	9.43	10.50	Yes
				Mid	5230	13.40	14.00			9.24	10.50	
				High	5245	12.57	14.00			9.43	10.50	
		ANT6	HDR4	Low	5162	11.72	12.00	Yes	GFSK	9.23	10.00	Yes
				Mid	5230	11.59	12.00			9.28	10.00	
				High	5245	11.62	12.00			9.25	10.00	
	NB UNII P_{low}	ANT5	HDR8	Low	5162	13.22	14.00	Yes	HDR4	9.43	10.50	Yes
				Mid	5230	13.40	14.00			9.24	10.50	
				High	5245	12.57	14.00			9.43	10.50	
		ANT6	HDR4	Low	5162	11.72	12.00	Yes	GFSK	9.23	10.00	Yes
				Mid	5230	11.59	12.00			9.28	10.00	
				High	5245	11.62	12.00			9.25	10.00	

Band	Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Mode	Power Mode B (dBm)		
						Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
U-NII 3	NB UNII $P_{standalone}$	ANT5	GFSK	Low	5733	18.71	19.50	Yes	GFSK	18.71	19.50	Yes
				Mid	5788	18.66	19.50			18.66	19.50	
				High	5844	18.69	19.50			18.69	19.50	
		ANT6	GFSK	Low	5733	18.67	20.00	Yes	GFSK	18.67	20.00	Yes
				Mid	5788	18.61	20.00			18.61	20.00	
				High	5844	18.66	20.00			18.66	20.00	
	NB UNII P_{high}	ANT5	GFSK	Low	5733	18.71	19.00	Yes	GFSK	15.43	16.50	Yes
				Mid	5788	18.66	19.00			15.41	16.50	
				High	5844	18.69	19.00			15.49	16.50	
		ANT6	GFSK	Low	5733	18.67	20.00	Yes	GFSK	15.43	16.50	Yes
				Mid	5788	18.61	20.00			15.41	16.50	
				High	5844	18.66	20.00			15.49	16.50	
	NB UNII P_{mid}	ANT5	GFSK	Low	5733	13.22	13.50	Yes	GFSK	9.83	10.50	Yes
				Mid	5788	13.27	13.50			9.96	10.50	
				High	5844	13.07	13.50			9.92	10.50	
		ANT6	GFSK	Low	5733	13.45	14.50	Yes	GFSK	9.63	10.50	Yes
				Mid	5788	13.56	14.50			9.55	10.50	
				High	5844	13.61	14.50			9.59	10.50	
	NB UNII P_{low}	ANT5	GFSK	Low	5733	13.22	13.50	Yes	GFSK	9.83	10.50	Yes
				Mid	5788	13.27	13.50			9.96	10.50	
				High	5844	13.07	13.50			9.92	10.50	
		ANT6	GFSK	Low	5733	13.45	14.50	Yes	GFSK	9.63	10.50	Yes
				Mid	5788	13.56	14.50			9.55	10.50	
				High	5844	13.61	14.50			9.59	10.50	

Duty Factor Measured Results

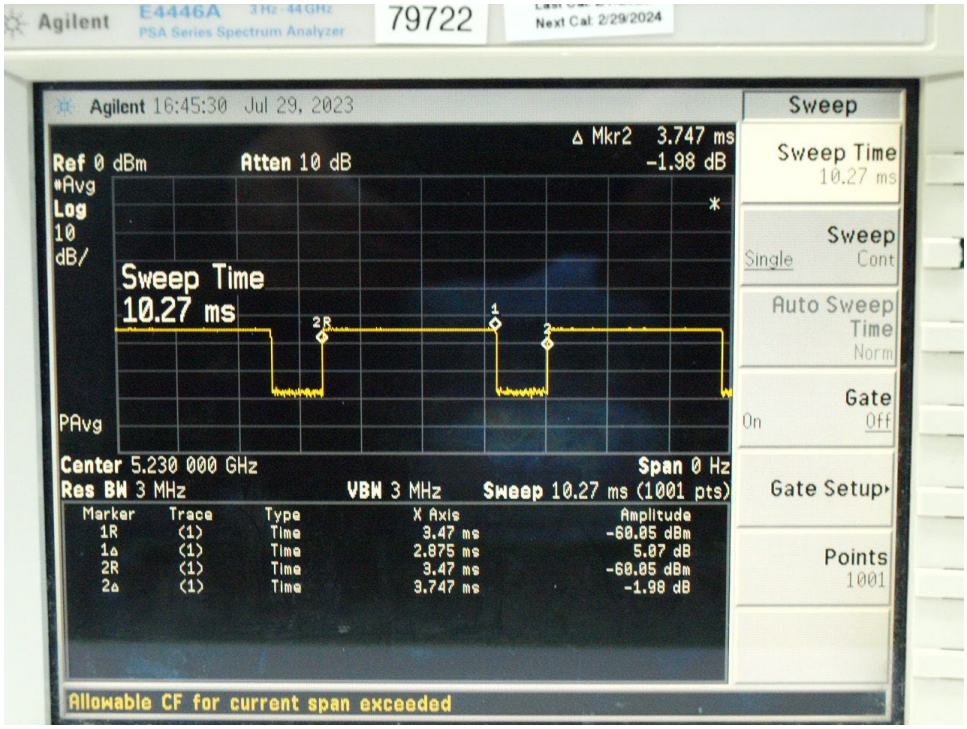
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.875	3.747	76.73%	1.30

Note(s):

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

Duty Cycle plots

GFSK



9.12. MSS (Mobile Satellite Service)

This device supports Mobile Satellite Service with Tx over L-Band (1610 – 1626.5 MHz) and Rx over 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 Astronomy site location is detected.

Maximum Output Power for MSS

Band	Mode	Ch #	Freq. (MHz)	ANT 1 Power Mode B (dBm)		ANT 4 Power Mode B (dBm)	
				Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
MSS L-Band	1-PRB SC-FDMA	262316	1610.1	22.3	22.3	20.4	21.5
		262391	1617.6	22.3	22.3	20.5	21.5
		262466	1625.1	22.3	22.3	20.4	21.5

9.13. 802.15.4

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. The maximum source based duty cycle is 60%. The firmware calculates the duty cycle of the last transmission, then adjusts IFS to ensure no transmission exceeds 60% duty cycle.

Maximum Output Power for 802.15.4 (P_{low}, P_{mid}, P_{high}, and $P_{standalone}$)

For 802.15.4, there are three use cases:

- 802.15.4 P_{low} is used when both Wi-Fi and WWAN antennas are active.
- 802.15.4 P_{Mid} is used when Wi-Fi antenna is active and WWAN antenna is inactive. P_{Mid} power state occurs during Wi-Fi states 1/2.
- 802.15.4 P_{high} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active. P_{High} power state occurs during Wi-Fi states 3/5.
- 802.15.4 $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

802.15.4 Measured Results

Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
					Meas Pwr	Max Output Pwr	SAR Test (Yes/No)	Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
802.15.4 $P_{standalone}$	ANT3	O-QPSK	Low	2405	19.71	21.00	Yes	19.71	21.00	Yes
			Mid	2440	19.73	21.00		19.73	21.00	
			High	2475	19.37	21.00		19.37	21.00	
	ANT4	O-QPSK	Low	2405	19.88	21.00	Yes	19.88	21.00	Yes
			Mid	2440	19.98	21.00		19.98	21.00	
			High	2475	19.19	21.00		19.19	21.00	
802.15.4 P_{high}	ANT3	O-QPSK	Low	2405	19.71	20.50	Yes	17.73	18.50	Yes
			Mid	2440	19.73	20.50		17.35	18.50	
			High	2475	19.37	20.50		17.52	18.50	
	ANT4	O-QPSK	Low	2405	18.31	19.00	Yes	16.38	18.00	Yes
			Mid	2440	18.44	19.00		16.51	18.00	
			High	2475	18.08	19.00		16.24	18.00	
802.15.4 P_{mid}	ANT3	O-QPSK	Low	2405	13.72	14.50	Yes	10.56	12.50	Yes
			Mid	2440	13.70	14.50		11.14	12.50	
			High	2475	14.17	14.50		10.97	12.50	
	ANT4	O-QPSK	Low	2405	11.75	13.00	Yes	10.35	12.00	Yes
			Mid	2440	11.97	13.00		10.46	12.00	
			High	2475	11.65	13.00		9.77	12.00	
802.15.4 P_{low}	ANT3	O-QPSK	Low	2405	13.72	14.50	Yes	10.56	12.50	Yes
			Mid	2440	13.70	14.50		11.14	12.50	
			High	2475	14.17	14.50		10.97	12.50	
	ANT4	O-QPSK	Low	2405	11.75	13.00	Yes	10.35	12.00	Yes
			Mid	2440	11.97	13.00		10.46	12.00	
			High	2475	11.65	13.00		9.77	12.00	

Duty Factor Measured Results

Modulation	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	4.955	4.955	100.00%	1.00

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

Duty Cycle plots

O-QPSK

9.14. 802.15.4ab NB

802.15.4ab - NB in UNII-3 band. Modulation O-QPSK is used. 48 channels are available, each with a 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 10%, which occurs during a mixed mode connection (250kbps initialization packet +500 kbps data packet), with 7 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	20.20	20.50	18.30	18.75
			Mid	5786.25	20.10	20.50	18.30	18.75
			High	5846.25	20.10	20.50	18.20	18.75
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	19.70	20.50	17.80	18.75
			Mid	5786.25	19.60	20.50	17.70	18.75
			High	5846.25	19.60	20.50	17.60	18.75

Duty Factor Measured Results

Modulation	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	Mixed mode	1.667	15.99	10.43%	9.59

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

Duty Cycle plots

O-QPSK