

FCC SAR Compliance Test Report

For

TECNO MOBILE LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET

FOTAN NT HONGKONG

Model: KM9

Test Engineer: Zeng Longhao

Report Number: WSCT-ANAB-R&E250800067A-SAR

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Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Release	03 September 2025	Li Huaibi

1 General information

1.1 Notes

The test results of this test report relate exclusively to the test item specified in this test report. Shenzhen Timeway Testing Laboratories does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report is not to be reproduced or published in full without the prior written permission.

1.2 Application details

Date of receipt of test item: 2025-07-22
Start of test: 2025-07-24
End of test: 2025-08-26

1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for KM9 is as below:

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Head	0.169
GSM1900	Head	0.503
UMTS Band 2	Head	0.425
UMTS Band 4	Head	0.479
UMTS Band 5	Head	0.086
LTE Band 2	Head	0.451
LTE Band 4	Head	0.594
LTE Band 5	Head	0.114
LTE Band 7	Head	0.488
LTE Band 12	Head	0.055
LTE Band 13	Head	0.043
LTE Band 17	Head	0.056
LTE Band 38	Head	0.447
LTE Band 41	Head	0.619
LTE Band 42	Head	0.375
LTE Band 66	Head	0.711
NR n5	Head	0.150
NR n7	Head	0.647
NR n12	Head	0.061
NR n38	Head	0.763
NR n41	Head	0.565
NR n66	Head	0.502
NR n77	Head	0.568
NR n77	Head	0.463
NR n77	Head	0.634
NR n78	Head	0.453
NR n78	Head	0.351
NR n78	Head	0.379
2-n7	Head	0.778
2-n66	Head	0.897
2-n78	Head	0.112
4-n7	Head	0.663
4-n38	Head	0.166
4-n41	Head	0.164
4-n78	Head	0.370
5-n7	Head	0.514
5-n38	Head	0.123
5-n41	Head	0.114
5-n66	Head	0.602
5-n77	Head	0.226
5-n78	Head	0.228
7-n7	Head	0.660
7-n66	Head	0.824
7-n77	Head	0.809
7-n78	Head	0.865
38-n78	Head	0.385
41-n41	Head	0.429

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
41-n77	Head	0.459
41-n78	Head	0.432
66-n7	Head	0.777
66-n38	Head	0.193
66-n41	Head	0.185
66-n66	Head	0.415
66-n77	Head	0.416
66-n78	Head	0.320
BT	Head	0.279
2.4GWIFI	Head	0.385
5GWIFI Band1	Head	0.016
5GWIFI Band2	Head	0.047
5GWIFI Band3	Head	0.104
5GWIFI Band4	Head	0.207

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Body & Hotspot 10mm	0.496
GSM1900	Body & Hotspot 10mm	0.517
UMTS Band 2	Body & Hotspot 10mm	0.266
UMTS Band 4	Body & Hotspot 10mm	0.108
UMTS Band 5	Body & Hotspot 10mm	0.157
LTE Band 2	Body & Hotspot 10mm	0.088
LTE Band 4	Body & Hotspot 10mm	0.160
LTE Band 5	Body & Hotspot 10mm	0.214
LTE Band 7	Body & Hotspot 10mm	0.070
LTE Band 12	Body & Hotspot 10mm	0.112
LTE Band 13	Body & Hotspot 10mm	0.214
LTE Band 17	Body & Hotspot 10mm	0.127
LTE Band 38	Body & Hotspot 10mm	0.050
LTE Band 41	Body & Hotspot 10mm	0.061
LTE Band 42	Body & Hotspot 10mm	0.093
LTE Band 66	Body & Hotspot 10mm	0.112
NR n5	Body & Hotspot 10mm	0.365
NR n7	Body & Hotspot 10mm	0.064
NR n12	Body & Hotspot 10mm	0.228
NR n38	Body & Hotspot 10mm	0.085
NR n41	Body & Hotspot 10mm	0.076
NR n66	Body & Hotspot 10mm	0.119
NR n77	Body & Hotspot 10mm	0.142
NR n77	Body & Hotspot 10mm	0.091
NR n77	Body & Hotspot 10mm	0.100
NR n78	Body & Hotspot 10mm	0.061
NR n78	Body & Hotspot 10mm	0.061
NR n78	Body & Hotspot 10mm	0.095
2-n7	Body & Hotspot 10mm	0.392
2-n66	Body & Hotspot 10mm	0.764
2-n78	Body & Hotspot 10mm	0.526
4-n7	Body & Hotspot 10mm	0.190
4-n38	Body & Hotspot 10mm	0.148
4-n41	Body & Hotspot 10mm	0.052

Band	Position Test Points	MAX Reported SAR1g (W/kg)
4-n78	Body & Hotspot 10mm	0.052
5-n7	Body & Hotspot 10mm	0.131
5-n38	Body & Hotspot 10mm	0.051
5-n41	Body & Hotspot 10mm	0.058
5-n66	Body & Hotspot 10mm	0.298
5-n77	Body & Hotspot 10mm	0.055
5-n78	Body & Hotspot 10mm	0.054
7-n7	Body & Hotspot 10mm	0.565
7-n66	Body & Hotspot 10mm	0.532
7-n77	Body & Hotspot 10mm	0.305
7-n78	Body & Hotspot 10mm	0.328
38-n78	Body & Hotspot 10mm	0.095
41-n41	Body & Hotspot 10mm	0.097
41-n77	Body & Hotspot 10mm	0.088
41-n78	Body & Hotspot 10mm	0.084
66-n7	Body & Hotspot 10mm	0.292
66-n38	Body & Hotspot 10mm	0.044
66-n41	Body & Hotspot 10mm	0.047
66-n66	Body & Hotspot 10mm	0.078
66-n77	Body & Hotspot 10mm	0.064
66-n78	Body & Hotspot 10mm	0.050
BT	Body & Hotspot 10mm	0.033
2.4GWIFI	Body & Hotspot 10mm	0.036
5GWIFI Band1	Body & Hotspot 10mm	0.016
5GWIFI Band2	Body & Hotspot 10mm	0.037
5GWIFI Band3	Body & Hotspot 10mm	0.077
5GWIFI Band4	Body & Hotspot 10mm	0.128
Maximum Max. SAR Level(s) Measured: (Limit: 1.6W/Kg):	2-n66	0.897W/kg1gHeadTissue
	2.4GWIFI	0.385W/kg1gHeadTissue
	2-n66	0.764W/kg1gBodyTissue
	5GWIFI Band4	0.128W/kg1gBodyTissue
The Head highest simultaneous SAR :		1.282W/kg1gBodyTissue
The Body highest simultaneous SAR :		0.892W/kg1gBodyTissue

The device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits of 1.6 W/Kg as averaged over any 1g tissue according to the FCC rule the ANSI/IEEE C95.1:2005, the NCRP Report Number 86 for uncontrolled environment, according to the Industry Canada Radio Standards Specification RSS-102 for General Population/Uncontrolled exposure, and had been tested in accordance with the measurement methods and procedures specified in IEEE Std 1528-2013.

1.4 EUT Information

Device Information:			
Product Type:	Mobile Phone		
Model:	KM9		
Trade Name:	TECNO		
Software number:	KM9-15.1.2		
Hardware number:	V1.1		
Device Type:	Portable device		
Exposure Category:	uncontrolled environment / general population		
Production Unit or Identical Prototype:	Production Unit		
Antenna Type :	Integral Antenna		
Device Operating Configurations:			
Supporting Mode(s) :	GSM850, PCS 1900 WCDMA B2/ WCDMA B4/ WCDMA B5 LTE Band 2/4/5/7/12/13/17/38/41/42/66 NR Band 5/7/12/38/41/66/77/78 NSA(EN-DC): DC_2A_n7A, DC_2A_n66A, DC_2A_n78A, DC_4A_n7A, DC_4A_n38A, DC_4A_n41A, DC_4A_n78A, DC_5A_n7A, DC_5A_n38A, DC_5A_n41A,DC_5A_n66A, DC_5A_n77A,DC_5A_n78A, DC_7A_n7A, DC_7A_n66A, DC_7A_n77A, DC_7A_n78A, DC_38A_n78A DC_41A_n41A, DC_41A_n77A, DC_41A_n78A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A,DC_66A_n66A, DC_66A_n77A,DC_66A_n78A		
Modulation:	GSM/GPRS: GMSK EGPRS: 8PSK WCDMA: QPSK HSDPA/HSUPA: QPSK /16QAM LTE: QPSK/16QAM NR: BPSK/ QPSK/16QAM/64QAM/256QAM		
Device Class :	Class B, No DTM Mode		
Operating Frequency Range(s)	Band	TX(MHz)	RX(MHz)
	GSM850	824~849	869~894
	GSM1900	1850~1910	1930~1990
	UMTS Band 2	1850~1910	1930~1990
	UMTS Band 4	1710~1755	2110~2155
	UMTS Band 5	824~849	869~894
	LTE Band 2	1850~1910	1930~1990

Operating Frequency Range(s)	LTE Band 4	1710~1755	2110~2155
	LTE Band 5	824~849	869~894
	LTE Band 7	2500~2570	2620~2690
	LTE Band 12	699~716	729~746
	LTE Band 17	704~716	734~746
	LTE Band 38	2570~2620	2570~2620
	LTE Band 41	2496~2690	2496~2690
	LTE Band 42	3450~3550	3450~3550
	LTE Band 66	1710~1780	2110~2200
	NR Band 5	824~849	869~894
	NR Band 7	2500~2570	2620~2690
	NR Band 12	699~716	729~746
	NR Band 38	2570~2620	2570~2620
	NR Band 41	2496~2690	2496~2690
	NR Band 66	1710~1780	2110~2200
	NR Band 77	3450~3550	3450~3550
	NR Band 77	3700~3980	3700~3980
	NR Band 78	3450~3550	3450~3550
	NR Band 78	3700~3800	3700~3800
	Wi-Fi (2.4G)	2412~2462	
	Wi-Fi (5G)	5180~5240	5180~5240
		5260~5320	5260~5320
		5500~5700	5500~5700
		5745~5825	5745~5825
BT	2402~2480		
NFC	13.553~13.567		
Antenna gain:	GSM 850/WCDMA B5/LTE B5/NR N5: -8.3dbi PCS 1900/WCDMA B2/LTE B2: -3.01dbi WCDMA B4/LTE B4/ LTE B66/NR N66: -3.97dbi LTE B7/ LTE B38/ LTE B41/ NR N7/ NR N38/ NR N41:-2.24dbi LTE B12/LTE B17/NR N12:-7.9dbi LTE B13: -8.1dBi LTE B42/NR 77/NR 78: -1.89dBi		
Radiated Power (EIRP/ERP) Limit	GSM 850/WCDMA B5/LTE B5/NR N5: 7.00W(38.45dBm) PCS 1900/WCDMA B2/LTE B2: 2.00W(33.01dBm) WCDMA B4/LTE B4/ LTE B66/NR N66: 1.00W(30.00dBm) LTE B7/LTE B38/LTE B41/NR N7/NR N38/NR N41: 2.00W(33.01dBm) LTE B12/B13/B17 /NR N12: 3.00W(34.77dBm) LTE B42/NR 77/NR 78: 1.00W(30.00dBm)		
Power Source:	Rechargeable Li-ion Polymer Battery: BL-50FT Nominal Voltage: 3.92V Rated Capacity: 5060mAh Nominal Energy: 19.84Wh Typical Capacity: 5160mAh Limited Charge Voltage: 4.53V		

Note:For NFC evaluation, it is not necessary to test NFC because its power is very low

2 Testing laboratory

Test Site	World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.
Laboratory	Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyuan Street, Bao'an District, Shenzhen City, Guangdong Province, China
Tel:	+86-755-26996192
Fax:	+86-755-86376605

3 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:2017.

USA	ANAB (Certificate Number: AT-3951)
China	CNAS (Registration Number: L3732)
Canada	ISED (CAB identifier: CN0178)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct-cert.com>

4 Test Environment

	Required	Actual
Ambient temperature:	18 – 25 °C	22 ± 2 °C
Tissue Simulating liquid:	22 ± 2 °C	22 ± 2 °C
Relative humidity content:	30 – 70 %	30 – 70 %

5 Applicant and Manufacturer

Applicant/Client Name:	TECNO MOBILE LIMITED
Applicant Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer Name:	TECNO MOBILE LIMITED
Manufacturer Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

6 Test standards:

No.	Identity	Document Title
1	47 CFR Part 2.1093	Radiofrequency radiation exposure evaluation: portable devices
2	IEC/IEEE 62209-1528	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate in the Human Head from Wireless Communications Devices: Measurement Techniques
3	KDB447498 D04	Interim General RF Exposure Guidance v01
4	KDB865664 D01	SAR measurement 100MHz to 6GHz v01r04
5	KDB865664 D02	RF Exposure Reporting v01r02
6	KDB941225 D01	3G SAR Procedures v03r01
7	KDB941225 D05	SAR for LTE Devices v02r05
8	KDB248227 D01	802.11 Wi-Fi SAR v02r02
9	KDB941225 D06	Hotspot Mode v02r01
10	KDB648474 D04	Handset SAR v01r03
11	KDB690783 D01	SAR Listings on Grant v01r03

6.1 RF exposure limits

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR* (Brain/Body/Arms/Legs)	1.60 mW/g	8.00 mW/g
Spatial Average SAR** (Whole Body)	0.08 mW/g	0.40 mW/g
Spatial Peak SAR*** (Heads/Feet/Ankle/Wrist)	4.00 mW/g	20.00 mW/g

The limit applied in this test report is shown in bold letters

Notes:

* The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

** The Spatial Average value of the SAR averaged over the whole body.

*** The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation.

6.2 SAR Definition

Specific Absorption Rate is defined as the time derivative (rate) of the incremental energy (dW) absorbed by(dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density (ρ).

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dV} \right)$$

SAR is expressed in units of watts per kilogram (W/kg). SAR can be related to the electric field at a point by

$$SAR = \frac{\sigma |E|^2}{\rho}$$

where:

σ = conductivity of the tissue (S/m)

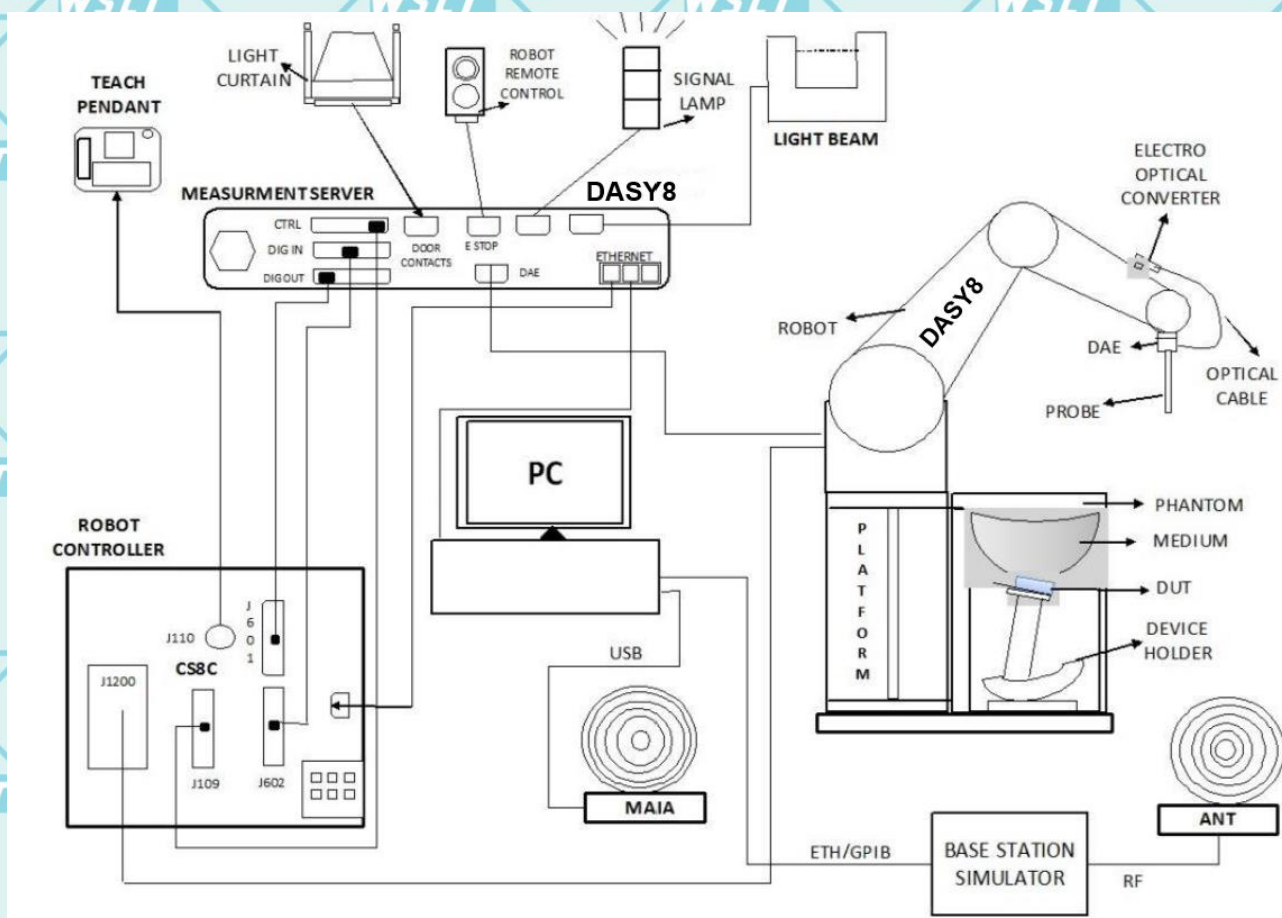
ρ = mass density of the tissue (kg/m³)

E = rms electric field strength (V/m)

7 SAR Measurement System

7.1 The Measurement System

DASY8 is a flexible, high-precision near-field scanner optimized for automated measurements in free-space and tissue simulating liquids (TSL), using the most advanced probes covering the frequency range from 3 kHz to 110 GHz. The software enables point, area, and volume measurements and conformal scanning of complex geometries.



The DASY8 SAR module consists of an isotropic dosimetric probe (SAR) mounted on the TX2 precision robot, which allows field scanning inside anthropomorphic phantoms filled with tissue-simulating liquids. The probes are miniaturized, sensitive, isotropic, linear, stable and calibrated with precise boundary compensation. The spatial accuracy of probe positioning within the phantom is better than 0.2 mm. Scanning is optimized and adaptive to the induced field. The spatial SAR peak is determined without reconstruction.

7.2 Robot

The DASY8 system uses the high-precision industrial robots TX2-60L and TX2-90XL from Stäubli SA (France). The TX2 family of robots provides the ideal combination of speed, rigidity, size, and precision:

- High precision (repeatability 0.03 mm)
- High reliability and low maintenance costs (industrial design)
- ELF interference (motor control fields are shielded by the closed metallic construction)
- Hygienic encapsulated 6-axis arm enabled by a hollow shaft gearbox, no external cables.



7.3 Probe

The SAR measurement is conducted with the dosimetric probe (manufactured by SPEAG). The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. This probe has a built in optical surface detection system to prevent from collision with phantom.

For the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN:7895&7391 with following specifications is used



Frequency: 4MHz – 10GHz ;

Linearity: ± 0.2 dB (30MHz – 10GHz)

Dynamic Range: 10 μ W/g $\rightarrow$ 100 mW/g

Linearity: ± 0.2 dB (noise: typically <1 μ W/g)

Directivity (typical): ± 0.1 dB in TSL (rotation around probe axis)
 ± 0.3 dB in TSL (rotation normal to probe axis)

Sensor Arrangement	Triangular
Connector Angle	46.9°
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	9mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm

7.4 DAE

DAE4ip– Data Acquisition Electronics 4 with Integrated Power

Data Acquisition Electronics 4 with an integrated power supply for time unlimited measurements.

Performance:

- Measurement range: -100—+300 mV (16-bit resolution and two range settings: 4 mV, 400 mV)
- Input offset voltage: <5μV (with auto zero)
- Input resistance: 200MΩ
- Input bias current: <50 fA
- Power supply: integrated (from the DASY8 measurement server)
- Dimensions (L × W × H): 60×60×68 mm
- Calibration: ISO/IEC 17025 calibration service available.



7.5 Phantom

The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEC/IEEE 62209-1528. It enables the dosimetric evaluation of left—and Right-hand phone usage as well as body-mounted usage at the flat phantom region. A cover prevents the liquid from evaporating. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.



Material	Vinyl ester, fiberglass reinforced (VE-GF)
Liquid Compatibility	The phantom shell is compatible with SPEAG's tissue-simulating liquids (sugar and oil-based). However, using other liquids may render the phantom warranty void (see note or consult SPEAG support).
Shell Thickness	$2 \pm 0.2\text{mm}$ ($6 \pm 0.2\text{mm}$ at ear point)
Dimensions (incl. Wooden Support)	Length: 1000 mm Width: 500 mm Height: adjustable feet
Filling Volume	approx. 25 liters
Support	DASY6/8: standard-size platform slot
Accessories	DASY52 stand-alone: SPEAG standard phantom table Mounting Device and Adaptors

7.6 Device Holder

The DASY instrument holder is designed to accommodate the various positions specified in the standard. It has two scales for instrument rotation (with respect to the body axis) and instrument tilt (with respect to the line between the ear reference points). The center of rotation for both scales is the Ear Reference Point (ERP). This eliminates the need to reposition the instrument when changing angles.

The DASY instrument holder is made of low-loss POM material with the following dielectric parameters: relative permittivity $\epsilon=3$ and loss tangent $\delta=0.02$. The amount of dielectric material in the immediate vicinity of the device was reduced because measurements indicated that the influence of the clamp on the test results could be reduced.



Device holder

The positioning system allows obtaining cheek and tilting position with a very good accuracy. In compliance with CENELEC, the tilt angle uncertainty is lower than 1° .

7.7 SAR Scan General Requirement

According to kdb865664 D01 v01r04:

Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2013. The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements and fully documented in SAR reports, unless further guidance has been provided by the FCC.

			$\leq 3\text{ GHz}$	$>3\text{ GHz}$
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			$5\text{ mm} \pm 1\text{ mm}$	$\frac{1}{2} \delta \ln(2)\text{ mm} \pm 0.5\text{ mm}$
Maximum probe angle from probe axis to phantom surface normal at the measurement location			$30^{\circ} \pm 1^{\circ}$	$20^{\circ} \pm 1^{\circ}$
Maximum area scan spatial resolution: Δx Area , Δy Area			$\leq 2\text{ GHz: } \leq 15\text{ mm}$ $2\text{-}3\text{ GHz: } \leq 12\text{ mm}$	$3\text{-}4\text{ GHz: } \leq 12\text{ mm}$ $4\text{-}6\text{ GHz: } \leq 10\text{ mm}$
			When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx_{Zoom} , Δy_{Zoom}			$\leq 2\text{ GHz: } \leq 8\text{ mm}$ $2\text{-}3\text{ GHz: } \leq 5\text{ mm}^*$	$3\text{-}4\text{ GHz: } \leq 5\text{ mm}^*$ $4\text{-}6\text{ GHz: } \leq 4\text{ mm}^*$
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{\text{Zoom}}(n)$		$\leq 5\text{ mm}$	$3\text{-}4\text{ GHz: } \leq 4\text{ mm}$ $4\text{-}5\text{ GHz: } \leq 3\text{ mm}$ $5\text{-}6\text{ GHz: } \leq 2\text{ mm}$
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	$\leq 4\text{ mm}$	$3\text{-}4\text{ GHz: } \leq 3\text{ mm}$ $4\text{-}5\text{ GHz: } \leq 2.5\text{ mm}$ $5\text{-}6\text{ GHz: } \leq 2\text{ mm}$
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)\text{ mm}$	
Minimum zoom scan volume	x, y,z		$\geq 30\text{ mm}$	$3\text{-}4\text{ GHz: } \geq 28\text{ mm}$ $4\text{-}5\text{ GHz: } \geq 25\text{ mm}$ $5\text{-}6\text{ GHz: } \geq 22\text{ mm}$
Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see IEEE Std 1528-2013 for details.				
* When zoom scan is required and the reported SAR from the area scan based 1-g SAR estimation procedures of KDB Publication 447498 is $\leq 1.4\text{ W/kg}$, $\leq 8\text{ mm}$, $\leq 7\text{ mm}$ and $\leq 5\text{ mm}$ zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

7.8 Measurement procedure

Power Drift :

All SAR tests were performed with a fully charged battery under the DUT and transmitting at maximum output power. The DASY measurement software uses the power reference measurement and power drift measurement procedures to monitor the power drift of the DUT during SAR testing. Both methods measure the field value at a specified reference position before and after the SAR test. The software calculates the field difference in dB. If the power drift exceeds 5%, the SAR is retested.

Area scan:

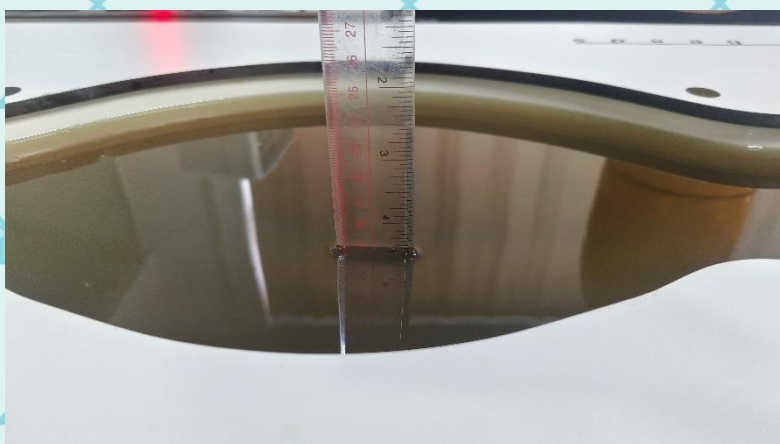
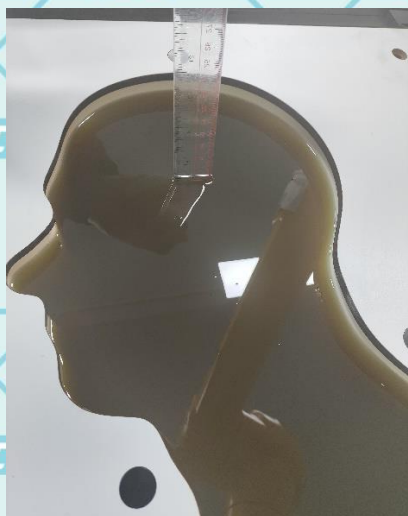
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan measurement resolution must enable the extrapolation algorithms of the SAR system to correctly identify the peak SAR location(s) for subsequent zoom scan measurements to correctly determine the 1-g SAR. Area scans are performed at a constant distance from the phantom surface, determined by the measurement frequencies.

Zoom Scan:

Except when area scan based 1-g SAR estimation applies, a zoom scan measurement is required at the highest peak SAR location determined in the area scan to determine the 1-g SAR. When the 1-g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR. The zoom scan volume must be larger than the required minimum dimensions described 7.7. There must be at least one measurement point within the first 5 mm from the phantom surface for measurements ≤ 3 GHz, two measurement points for measurements ≤ 5 GHz and three measurement points for measurements above 5 GHz. When graded grids are used, which only applies in the direction normal to the phantom surface, the initial grid separation closest to the phantom surface and subsequent graded grid increment ratios must satisfy the required protocols in 7.7. The 1-g SAR averaging volume must be fully contained within the zoom scan measurement volume boundaries; otherwise, the measurement must be repeated by shifting or expanding the zoom scan volume. The similar requirements also apply to 10-g SAR measurements.

7.9 Tissue simulating liquids: dielectric properties

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values. The measured conductivity and relative permittivity should be within $\pm 5\%$ of the target values.



Simulating Head Liquid for 5G(HBBL600-10000MHz V6), Manufactured by SPEAG:

Ingredients	(% by weight)
Water	50-65%
Mineral oil	10-30%
Emulsifiers	8-25%
Sodium salt	0-1.5%

7.10 Tissue simulating liquids: parameters

Used Target Frequency	Target Tissue		Measured Tissue		Liquid Temp.	Test Date
	ϵ_r (+/-5%)	σ (S/m) (+/-5%)	ϵ_r	σ (S/m)		
750MHz Head	41.90 (39.805~43.995)	0.89 (0.85~0.93)	43.90	0.885	21.6°C	2025-07-28
835MHz Head	41.50 (39.425~43.575)	0.90 (0.86~0.95)	41.60	0.914	21.6°C	2025-07-31
1750MHz Head	40.10 (38.10~42.10)	1.37 (1.31~1.43)	41.90	1.34	21.6°C	2025-08-02
1900MHz Head	40.00 (38.00~42.00)	1.40 (1.33~1.47)	41.70	1.44	21.6°C	2025-08-05
2450MHz Head	39.20 (37.24~41.16)	1.80 (1.71~1.89)	40.27	1.82	21.6°C	2025-08-07
2550MHz Head	39.10 (37.15~41.05)	1.91 (1.82~2.01)	40.80	1.90	21.6°C	2025-08-09
2600MHz Head	39.00 (37.05~40.95)	1.96 (1.86~2.05)	39.87	1.94	21.6°C	2025-08-12
3400MHz Head	38.00 (36.10~39.90)	2.81 (2.67~2.95)	39.30	2.63	21.6°C	2025-08-14
3500MHz Head	37.90 (36.01~39.79)	2.91 (2.77~3.05)	39.20	2.94	21.6°C	2025-08-16
3700MHz Head	37.70 (35.82~39.58)	3.12 (2.97~3.27)	38.90	2.90	21.6°C	2025-08-19
3900MHz Head	37.50 (35.63~39.37)	3.32 (2.97~3.27)	38.60	3.10	21.6°C	2025-08-21
5200MHz Head	36.00 (34.20~37.80)	4.66 (4.43~4.89)	36.30	4.54	21.6°C	2025-08-23
5500MHz Head	35.60 (33.82~37.38)	4.96 (4.71~5.20)	35.80	4.88	21.6°C	2025-08-25
5800MHz Head	35.30 (33.54~37.06)	5.27 (5.01~5.53)	35.30	5.23	21.6°C	2025-08-26

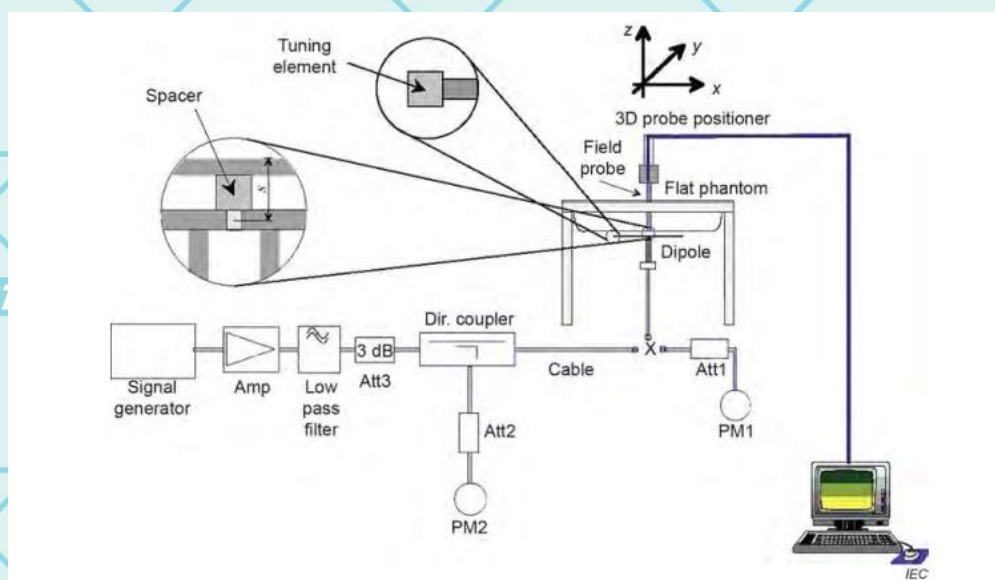
ϵ_r = Relative permittivity, σ = Conductivity

8 System Check

8.1 System check procedure

The System check is performed by using a System check dipole which is positioned parallel to the planar part of the SAM phantom at the reference point. The distance of the dipole to the SAM phantom is determined by a spacer. The dipole is connected to the signal source consisting of signal generator and amplifier via a directional coupler, N-connector cable and adaption to SMA. It is fed with a power of 100 mW. To adjust this power a power meter is used. The power sensor is connected to the cable before the System check to measure the power at this point and do adjustments at the signal generator. At the outputs of the directional coupler both return loss as well as forward power are controlled during the validation to make sure that emitted power at the dipole is kept constant. This can also be checked by the power drift measurement after the test (result on plot).

System check results have to be equal or near the values determined during dipole calibration (target SAR in table above) with the relevant liquids and test system.



8.2 System check results

The system Check is performed for verifying the accuracy of the complete measurement system and performance of the software. The following table shows System check results for all frequency bands and tissue liquids used during the tests (plot(s) see annex A).

System Check	Target SAR (1W) (+/-10%)		Measured SAR (Normalized to 1W)		Liquid Temp.	Test Date
	1-g (W/kg)	10-g (W/kg)	1-g (W/kg)	10-g (W/kg)		
D750V3 Body	8.46 (7.62~9.30)	5.70 (5.13~6.27)	8.58	5.70	21.6°C	2025-07-28
D835V2 Body	9.68 (8.72~10.64)	6.44 (5.80~7.08)	9.94	6.55	21.6°C	2025-07-31
D1750V2 Body	36.40 (32.76~40.04)	19.60 (17.64~21.56)	36.20	19.50	21.6°C	2025-08-02
D1900V2 Body	39.70 (35.73~43.67)	21.00 (18.90~23.10)	40.40	21.10	21.6°C	2025-08-05
D2550V2 Body	54.10 (48.69~59.51)	24.70 (22.23~27.17)	55.80	25.60	21.6°C	2025-08-09
D3400V2 Body	69.20 (62.28~76.12)	26.30 (23.67~28.93)	72.50	28.10	21.6°C	2025-08-14
D3500V2 Body	65.30 (58.77~71.83)	24.80 (22.32~27.28)	62.80	24.00	21.6°C	2025-08-16
D3700V2 Body	69.30 (62.37~76.23)	25.40 (22.86~27.94)	63.70	23.70	21.6°C	2025-08-19
D3900V2 Body	69.50 (62.55~76.45)	24.30 (21.87~26.73)	67.40	23.80	21.6°C	2025-08-21
D5200V2 Body	76.00 (68.40~83.60)	22.00 (19.80~24.20)	71.70	20.70	21.6°C	2025-08-23
D5300V2 Body	80.60 (72.54~88.66)	23.30 (20.97~25.63)	80.80	23.10	21.6°C	2025-08-23
D5500V2 Body	85.60 (77.04~94.16)	24.50 (22.05~26.95)	79.00	22.50	21.6°C	2025-08-25
D5600V2 Body	83.30 (74.97~91.63)	24.10 (21.69~26.51)	78.70	22.40	21.6°C	2025-08-25
D5800V2 Body	79.00 (71.10~86.90)	22.70 (20.43~24.97)	77.60	22.00	21.6°C	2025-08-26

Note: 1. All SAR values are normalized to 1W forward power.

2. The actual forward power output to the dipole antenna is 20dbm(100mw), so the measured value differs ten times from the table

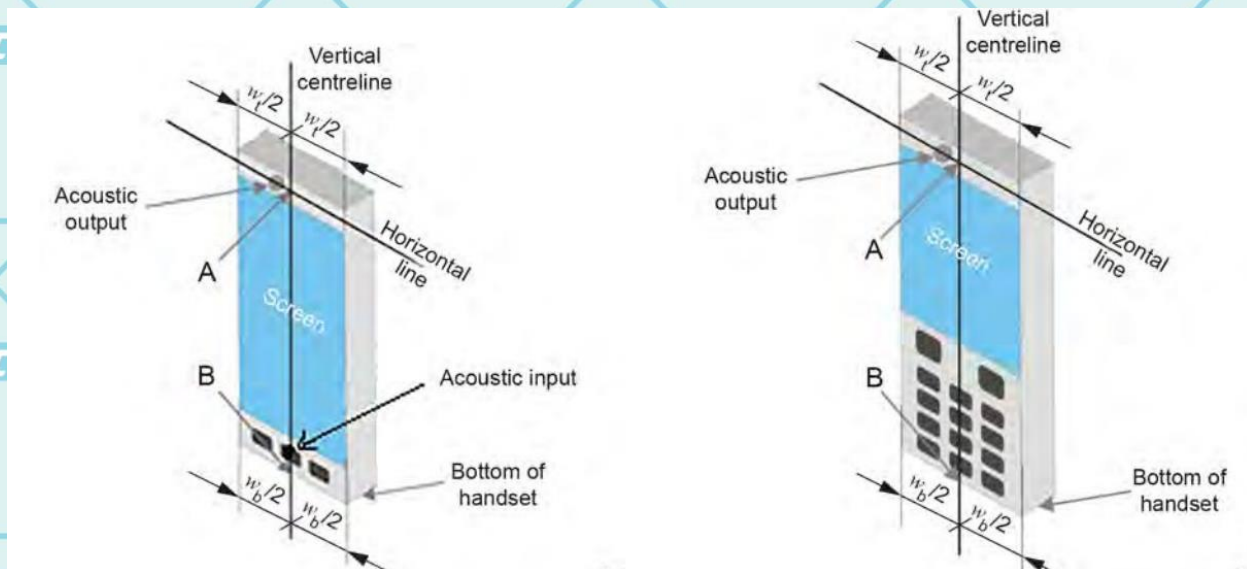
9 Test Position Configurations

9.1 Head Exposure Conditions

According to the IEEE-1528, the head phantom needs to test both "Cheek" and "Tilt" positions. Configure the DUT for voice operation, if necessary. For example, for a DUT with a flip, swivel, or slide cover piece, open the cover if this is consistent with voice operation. If the DUT can also be used with the cover closed, both configurations shall be tested.

Define two imaginary lines on the DUT, the vertical centreline and the horizontal line, relative to the DUT in vertical orientation as shown in Figure

The vertical centreline passes through two points on the front side of the DUT: the midpoint of the width w_t of the DUT at the level of the acoustic output (Point A in Figure), and the midpoint of the width w_b at the bottom of the DUT (Point B). The horizontal line is perpendicular to the vertical centerline, and passes through the centre of the acoustic output (Figure). The two lines intersect at Point A. Note that for many DUTs, Point A coincides with the centre of the acoustic output. However, the acoustic output could be located elsewhere on the horizontal line. Also note that the vertical centreline is not necessarily parallel to the front face of the DUT, especially for clamshell DUTs, DUTs with flip cover pieces, and other irregularly shaped DUTs.



Vertical and horizontal reference lines and reference points A and B on two example device types: a full touch-screen smart phone (left) and a DUT with a keypad (Right)

w_t Width of the DUT at the level of the acoustic output

w_b Width of the bottom of the DUT

A Midpoint of the width w_t of the DUT at the level of the acoustic output

B Midpoint of the width w_b of the bottom of the DUT

Cheek position:

Position the DUT close to the surface of the phantom such that Point A is on the (virtual) extension of the line passing through points RE (Right-ear ear reference point) and LE (left-ear ear reference point) on the phantom. The plane determined by the vertical centreline and the horizontal line of the DUT shall be parallel to the sagittal plane of the phantom.



Tilt position:

Place the DUT in the cheek position. While maintaining the orientation of the DUT, move the DUT away from the pinna along the line passing through RE and LE far enough to allow a rotation of the DUT away from the cheek by 15°. Rotate the DUT around the horizontal line by 15°

While maintaining the orientation of the DUT, move the DUT towards the phantom on a line passing through RE and LE until any part of the DUT touches the ear. The tilt position is obtained when the contact is on the pinna. If the contact is at any location other than the pinna, e.g. an extended antenna in contact with the back of the head phantom, the angle of the DUT shall be reduced. In this case, the tilt position is obtained if any part of the DUT is in contact with the pinna and a second point on the DUT is in contact with the phantom, e.g. the antenna in contact with the back of the head.

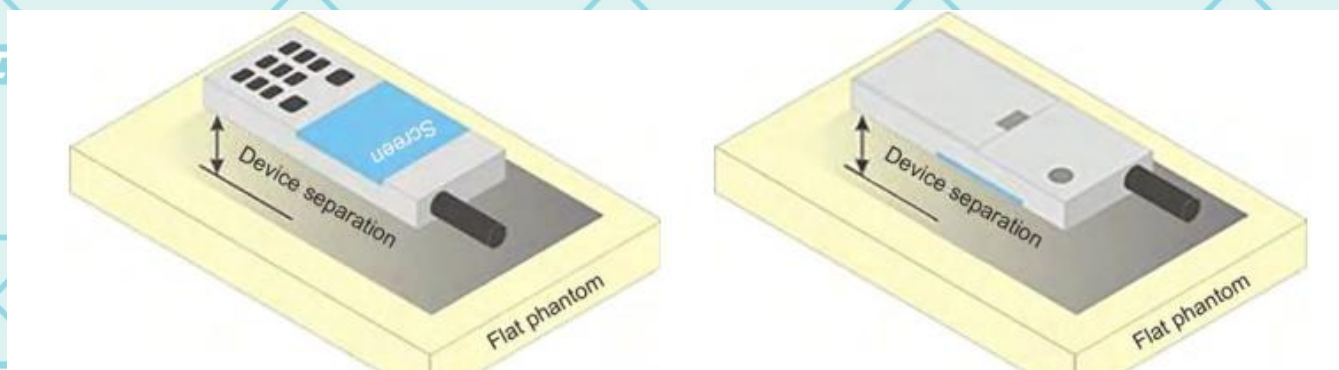


9.2 Body Exposure Condition

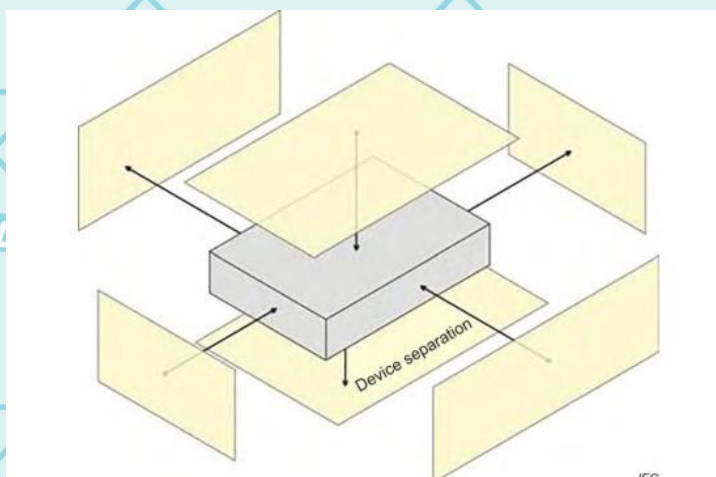
According to 447498 D04

Devices that support transmission while used with body-worn accessories must be tested for SAR compliance related to each body-worn condition of use. SAR evaluation is required for body-worn accessories supplied with the device they are attached to.

The general informing principle is that the selected test configurations must conservatively capture the various body-worn accessory use conditions expected by users. For instance, devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, must be tested for SAR compliance using a conservative minimum test separation distance not to exceed 5 mm for all use conditions required by the device.



Test positions for body-worn devices



Possible test positions for a generic device

Testing of all six faces of the DUT (see Figure) might not be required; justification shall be provided when omitting testing of some faces.

10 SAR Test Configuration

10.1 GSM Test Configurations

SAR tests for GSM850 and GSM1900, a communication link is set up with a base station by air link. Using CMU200 the power level is set to “5” and “0” in SAR of GSM850 and GSM1900. The tests in the band of GSM 850 and GSM 1900 are performed in the mode of GPRS/EGPRS function. Since the GPRS class is 12 for this EUT, it has at most 4 timeslots in uplink and at most 4 timeslots in downlink, the maximum total timeslot is 5.

When SAR tests for EGPRS mode is necessary, GMSK modulation should be used to minimize SAR measurement error due to higher peak-to-average power (PAR) ratios inherent in 8-PSK.

10.2 UMTS Test Configuration

1) Output Power Verification

Maximum output power is verified on the high, middle and low channels according to procedures described in section 5.2 of 3GPP TS 34.121, using the appropriate RMC or AMR with TPC (transmit power control) set to all “1”s for WCDMA/HSDPA or by applying the required inner loop power control procedures to maintain maximum output power while HSUPA is active. Results for all applicable physical channel configurations (DPCCH, DPDCHn and spreading codes, HSDPA, HSPA) are required in the SAR report. All configurations that are not supported by the Headset or cannot be measured due to technical or equipment limitations must be clearly identified.

2) WCDMA

a. Head SAR Measurements

SAR for next to the ear head exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1”s. The 3G SAR test reduction procedure is applied to AMR configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for 12.2 kbps AMR in 3.4 kbps SRB (signaling radio bearer) using the highest reported SAR configuration in 12.2 kbps RMC for head exposure.

b. Body SAR Measurements

SAR for body-worn accessory configurations is measured using a 12.2 kbps RMC with TPC bits configured to all “1”s. The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCHn configurations supported by the Headset with 12.2 kbps RMC as the primary mode

3) HSDPA

SAR for body exposure configurations is measured according to the “Body SAR Measurements” procedures of 3G device. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode. This is referred to as the 3G SAR test reduction procedure in the following SAR test guidance, where the primary mode is identified in

the applicable wireless mode test procedures and the secondary mode is wireless mode being considered for SAR test reduction by that procedure. When the 3G SAR test reduction procedure is not satisfied, it is identified as "otherwise" in the applicable procedures; SAR measurement is required for the secondary mode.

Per KDB941225 D01, the 3G SAR test reduction procedure is applied to HSDPA body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSDPA using the HSDPA body SAR procedures for the highest reported SAR body exposure configuration in 12.2 kbps RMC. HSDPA should be configured according to UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The β_c and β_d gain factors for DPCCH and DPDCH were set according to the values in the below table, β_s for HS-DPCCH is set automatically to the correct value when ΔACK , $\Delta NACK$, $\Delta CQI = 8$. The variation of the β_c / β_d ratio causes a power reduction at sub-tests 2 - 4.

Sub-test ¹	β_c ²	β_d ²	β_d (SF) ²	β_c / β_d ²	β_{hs} (1) ²	CM(dB)(2) ²	MPR (dB) ²
1 ²	2/15 ²	15/15 ²	64 ²	2/15 ²	4/15 ²	0.0 ²	0 ²
2 ²	12/15(3) ²	15/15(3) ²	64 ²	12/15(3) ²	24/15 ²	1.0 ²	0 ²
3 ²	15/15 ²	8/15 ²	64 ²	15/8 ²	30/15 ²	1.5 ²	0.5 ²
4 ²	15/15 ²	4/15 ²	64 ²	15/4 ²	30/15 ²	1.5 ²	0.5 ²

Note 1: ΔACK , $\Delta NACK$ and $\Delta CQI = 8$ $A_{hs} = \beta_{hs} / \beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$
Note 2: CM=1 for $\beta_c / \beta_d = 12/15$, $\beta_{hs} / \beta_c = 24/15$. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.
Note 3: For subtest 2 the β_c / β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF0) to $\beta_c = 11/15$ and $\beta_d = 15/15$

The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.:

Parameter	Value
Nominal average inf. bit rate	534 kbit/s
Inter-TTI Distance	3 TTI's
Number of HARQ Processes	2 Processes
Information Bit Payload	3202 Bits
MAC-d PDU size	336 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	4800 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	9600 SMLs
Coding Rate	0.67
Number of Physical Channel Codes	5

4) HSUPA

SAR for body exposure configurations is measured according to the "Body SAR Measurements" procedures of 3G device. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

Per KDB941225 D01v03, the 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSPA using the HSPA body SAR procedures for the highest reported body exposure SAR configuration in 12.2 kbps RMC.

10.3 LTE Test Configuration

SAR for LTE band exposure configurations is measured according to the procedures of KDB 941225 D05 SAR for LTE Devices. The CMW500 WideBand Radio Communication Tester was used for LTE output power measurements and SAR testing. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. SAR test were performed with the same number of RB and RB offsets transmitting on all TTI frames (Maximum TTI)

1) Spectrum Plots for RB configurations

A properly configured base station simulator was used for LTE output power measurements and SAR testing. Therefore, spectrum plots for RB configurations were not required to be included in this report.

2) MPR

When MPR is implemented permanently within the UE, regardless of network requirements, only those RB configurations allowed by 3GPP for the channel bandwidth and modulation combinations may be tested with MPR active. Configurations with RB allocations less than the RB thresholds required by 3GPP must be tested without MPR.

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 3

Modulation	Channel bandwidth / Transmission bandwidth (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
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

3) A-MPR

A-MPR (Additional MPR) has been disabled for all SAR tests by using Network Signalling Value of "NS_01" on the base station simulator.

4) LTE procedures for SAR testing

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

ii) QPSK with 50% RB allocation

The procedures required for 1 RB allocation in i) are applied to measure the SAR for QPSK with 50% RB allocation.

iii) QPSK with 100% RB allocation

For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in i) and ii) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

iv) Higher order modulations

For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in above sections to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

B) Other channel bandwidth standalone SAR test requirements

For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section A) to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is $> \frac{1}{2}$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

5) TDD LTE test configuration

According to KDB 941225 D05 SAR for LTE Devices v02r04, 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.

10.4 Wi-Fi Test Configuration

For the 802.11b/g SAR tests, a communication link is set up with the test mode software for Wi-Fi mode test. The Absolute Radio Frequency Channel Number (ARFCN) is allocated to 1, 6 and 11 respectively in the case of 2450 MHz. During the test, at the each test frequency channel, the EUT is operated at the RF continuous emission mode. Each channel should be tested at the lowest data rate. 802.11b/g operating modes are tested independently according to the service requirements in each frequency band. 802.11b/g modes are tested on channel 1, 6, 11; however, if output power reduction is necessary for channels 1 and/or 11 to meet restricted band requirements the highest output channel closest to each of these channels must be tested instead.

SAR is not required for 802.11g/n channels when the maximum average output power is less than 0.25dB higher than that measured on the corresponding 802.11b channels.

Mode	Band	GHz	Channel	"Default Test Channels"	
				802.11b	802.11g
802.11b/g	2.4 GHz	2412	1#	√	△
		2437	6	√	△
		2462	11#	√	△

Notes:

√ = "default test channels"

△ = possible 802.11g channels with maximum average output 1/4 dB the "default test channels"

= when output power is reduced for channel 1 and /or 11 to meet restricted band requirements the highest output channels closest to each of these channels should be tested.

802.11 Test Channels per FCC Requirements

10.5 WiFi 2.4G SAR Test Procedures

Separate SAR procedures are applied to DSSS and OFDM configurations in the 2.4 GHz band to simplify DSSS test requirements. For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions.

A) 802.11b DSSS SAR Test Requirements

SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. SAR test reduction is determined according to the following:

- 1) When the reported SAR of the highest measured maximum output power channel (section 3.1 of of KDB 248227D01v02) for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.
- 2) When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.

B) 2.4GHz 802.11g/n OFDM SAR Test Exclusion Requirements

When SAR measurement is required for 2.4 GHz 802.11g/n OFDM configurations, the measurement and test reduction procedures for OFDM are applied (section 5.3 of of KDB 248227D01v02r01). SAR is not required for the following 2.4 GHz OFDM conditions.

- 1) When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.
- 2) 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.

C) SAR Test Requirements for OFDM configurations

When SAR measurement is required for 802.11 g/n OFDM configurations, each standalone and frequency aggregated band is considered separately for SAR test reduction. In applying the initial test configuration and subsequent test configuration procedures, the 802.11 transmission configuration with the highest specified maximum output power and the channel within a test configuration with the highest measured maximum output power should be clearly distinguished to apply the procedures.

11 Detailed Test Results

11.1 Conducted Power measurements

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

11.1.1 Conducted Power of GSM

Mode: GSM850		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH128	CH190	CH251		CH128	CH190	CH251
			824.2MHz	836.6MHz	848.8MHz		824.2MHz	836.6MHz	848.8MHz
GSM(CS)		33.50	33.00	33.03	32.77	-9.03	22.55	22.58	22.32
GPRS (GMSK)	1Tx slot	33.50	32.98	33.02	32.79	-9.03	22.53	22.57	22.34
	2Tx slots	32.50	32.36	32.31	31.86	-9.03	21.91	21.86	21.41
	3Tx slots	30.50	30.43	30.15	29.22	-6.02	19.98	19.70	18.77
	4Tx slots	29.50	29.20	28.76	27.73	-4.26	18.75	18.31	17.28
EGPRS (8PSK)	1Tx slot	33.00	32.92	32.94	32.71	-3.01	22.47	22.49	22.26
	2Tx slots	32.50	32.33	32.25	31.79	-9.03	21.88	21.80	21.34
	3Tx slots	30.50	30.39	30.07	29.22	-6.02	19.94	19.62	18.77
	4Tx slots	29.50	29.08	28.76	27.63	-4.26	18.63	18.31	17.18
Mode: GSM1900		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH512	CH661	CH810		CH512	CH661	CH810
			1850.2MHz	1880.0MHz	1909.8MHz		1850.2MHz	1880.0MHz	1909.8MHz
GSM(CS)		28.50	27.25	27.87	28.04	-9.03	24.24	24.86	25.03
GPRS (GMSK)	1Tx slot	28.00	27.17	27.78	27.95	-9.03	24.16	24.77	24.94
	2Tx slots	27.00	26.23	26.71	26.85	-9.03	23.22	23.70	23.84
	3Tx slots	25.00	24.11	24.62	24.69	-6.02	21.10	21.61	21.68
	4Tx slots	23.50	22.60	23.20	23.13	-4.26	19.59	20.19	20.12
EGPRS (8PSK)	1Tx slot	24.50	24.06	24.10	24.34	-3.01	21.05	21.09	21.33
	2Tx slots	23.50	22.70	23.45	23.45	-9.03	19.69	20.44	20.44
	3Tx slots	21.50	20.62	21.23	21.22	-6.02	17.61	18.22	18.21
	4Tx slots	20.50	19.61	19.67	20.09	-4.26	16.60	16.66	17.08

Note:

Division Factors

To average the power, the division factor is as follows:

1Tx-slots = 1 transmit time slots out of 8 time slots=> conducted power divided by (8/1) => -9.03dB

2Tx-slots = 2 transmit time slots out of 8 time slots=> conducted power divided by (8/2) => -6.02dB

3Tx-slots = 3 transmit time slots out of 8 time slots=> conducted power divided by (8/3) => -4.26dB

4Tx-slots = 4 transmit time slots out of 8 time slots=> conducted power divided by (8/4) => -3.01dB

11.1.2 Conducted Power of WCDMA

Mode		Maximum Tune-up(dBm)	WCDMA Band 2		
			Conducted Power (dBm)		
			CH9262	CH9400	CH9538
			1852.4	1880.0	1907.6
RMC 12.2K		24.00	23.60	23.69	23.90
HSDPA	Subtest-1	24.00	23.41	23.52	23.50
	Subtest-2	24.00	23.50	23.59	23.59
	Subtest-3	24.00	23.62	23.61	23.80
	Subtest-4	24.00	23.82	23.81	23.80
HSUPA	Subtest-1	20.50	20.15	20.24	20.19
	Subtest-2	20.50	20.37	20.43	20.42
	Subtest-3	21.00	20.58	20.64	20.61
	Subtest-4	21.00	20.88	20.96	20.91
	Subtest-5	23.50	22.91	23.01	23.01
Mode		Maximum Tune-up(dBm)	WCDMA Band 4		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
			1712.4	1732.6	1752.6
RMC 12.2K		24.00	23.96	23.77	23.85
HSDPA	Subtest-1	24.00	23.89	23.88	23.88
	Subtest-2	24.00	23.88	23.71	23.71
	Subtest-3	24.00	23.70	23.70	23.78
	Subtest-4	24.00	23.79	23.78	23.78
HSUPA	Subtest-1	23.00	22.63	22.40	22.59
	Subtest-2	23.00	22.53	22.33	22.52
	Subtest-3	23.00	22.65	22.65	22.81
	Subtest-4	23.50	22.94	22.92	23.09
	Subtest-5	24.00	23.43	23.39	23.55
Mode		Maximum Tune-up(dBm)	WCDMA Band 5		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
			826.4	836.6	846.6
RMC 12.2K		24.50	24.22	24.21	24.11
HSDPA	Subtest-1	24.50	24.17	24.16	24.15
	Subtest-2	24.50	24.15	24.17	24.16
	Subtest-3	24.50	24.16	24.17	24.06
	Subtest-4	24.50	24.06	24.05	24.08
HSUPA	Subtest-1	21.00	20.79	20.68	20.64
	Subtest-2	21.00	20.73	20.64	20.61
	Subtest-3	21.00	20.98	20.90	20.91
	Subtest-4	21.00	20.77	20.69	20.67
	Subtest-5	24.50	24.19	24.03	24.00

Per KDB 941225 D01, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/2$ dB higher than the primary mode (RMC12.2kbps) or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

11.1.3 Conducted Power of LTE Band 2

LTE-FDD Band 2				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		18607	18900	19193
					1850.7MHz	1880.0MHz	1909.3MHz
1.4MHz	QPSK	1	0	23.50	23.03	23.02	22.87
			2	23.50	23.05	23.02	22.94
			5	23.50	23.00	23.03	22.92
		3	0	23.00	22.89	22.85	22.90
			2	23.00	22.88	22.85	22.84
			3	23.00	22.86	22.88	22.75
	16QAM	6	0	22.00	21.91	21.91	21.94
			0	22.50	21.99	22.19	22.16
			2	22.50	21.92	22.10	22.15
		3	5	22.50	21.92	22.20	22.20
			0	22.50	22.08	22.07	22.07
			2	22.50	22.08	22.05	22.12
6	3	22.50	22.06	22.06	22.11		
	0	21.50	21.10	21.07	21.10		
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	18615	18900
1851.5MHz						1880.0MHz	1908.5MHz
3MHz	QPSK	1	0	23.50	23.12	23.00	23.02
			7	23.50	23.02	22.98	22.98
			14	23.50	23.02	22.92	23.06
		8	0	22.00	21.97	22.00	21.97
			4	22.00	21.94	21.97	21.92
			7	22.00	21.97	21.96	21.92
	16QAM	15	0	22.00	21.98	21.96	22.00
			0	22.50	22.45	22.21	21.77
			7	22.50	22.32	22.21	21.75
		1	14	22.50	22.36	22.14	21.78
			0	21.50	20.99	21.03	21.05
			4	21.00	20.97	21.00	21.00
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	18625	18900	19175
					1852.5MHz	1880.0MHz	1907.5MHz
5MHz	QPSK	1	0	23.50	23.23	23.20	23.07
			13	23.50	23.16	23.19	22.98
			24	23.50	23.12	23.15	22.86
		12	0	22.50	22.02	22.04	22.06
			6	22.50	22.02	22.01	22.03
			13	22.50	21.99	22.02	22.01
	16QAM	25	0	22.50	22.08	22.07	22.08
			0	23.00	22.61	22.56	22.30
			13	23.00	22.53	22.47	22.28
		1	24	23.00	22.51	22.47	22.35
			0	21.50	21.04	21.04	21.13
			6	21.50	20.98	20.97	21.06
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	21.01	20.97	21.06
					25	0	21.50

LTE-FDD Band 2				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		18650 1855.0MHz	18900 1880.0MHz	19150 1905.0MHz
10MHz	QPSK	1	0	23.50	23.22	23.13	23.21
			25	23.50	23.06	23.06	23.11
			49	23.50	23.18	23.08	22.99
		25	0	22.50	22.09	22.12	22.11
			13	22.50	22.09	22.10	22.09
			25	22.50	22.14	22.07	22.09
	16QAM	1	0	22.50	22.13	22.08	22.09
			25	23.00	22.53	22.34	21.95
			49	22.50	22.44	22.27	22.10
		25	0	23.00	22.53	22.25	22.26
			13	21.50	21.09	21.10	21.12
			25	21.50	21.08	21.07	21.08
15MHz	QPSK	1	0	21.50	21.13	21.06	21.06
			25	21.50	21.13	21.06	21.06
			49	21.50	21.13	21.06	21.06
		36	0	21.50	21.08	21.07	21.08
			18	21.50	21.08	21.07	21.08
			39	21.50	21.13	21.06	21.06
	16QAM	1	0	21.50	21.08	21.12	21.09
			38	22.50	22.48	22.31	22.18
			74	22.50	22.57	22.27	22.29
		36	0	23.00	22.57	22.27	22.29
			18	21.50	21.11	21.16	21.11
			39	21.50	21.08	21.10	21.06
20MHz	QPSK	1	0	21.50	21.14	21.10	21.05
			50	21.50	21.07	21.06	21.17
			99	21.50	21.07	21.06	21.17
		50	0	21.50	21.07	21.06	21.17
			25	22.50	22.28	22.34	23.28
			50	22.50	23.29	23.23	23.11
	16QAM	1	0	22.50	22.28	22.27	23.08
			25	22.50	22.14	22.19	22.21
			50	22.50	22.18	22.10	22.17
		50	0	22.50	22.19	22.05	22.12
			25	22.50	22.19	22.05	22.12
			50	22.50	22.19	22.05	22.12

11.1.4 Conducted Power of LTE Band 4

LTE-FDD Band 4					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	19957	20175	20393
					1710.7MHz	1732.5MHz	1754.3MHz
1.4MHz	QPSK	1	0	24.00	23.62	23.85	23.82
			2	24.00	23.50	23.87	23.81
			5	24.00	23.52	23.86	23.81
		3	0	24.00	23.44	23.66	23.71
			2	24.00	23.40	23.69	23.67
			3	24.00	23.41	23.72	23.70
	16QAM	6	0	23.00	22.47	22.73	22.72
			0	23.00	22.42	22.96	22.68
			2	23.00	22.36	22.87	22.64
		3	5	23.00	22.38	22.96	22.69
			0	23.00	22.57	22.87	22.85
			2	23.00	22.56	22.85	22.83
3MHz	QPSK	1	3	23.00	22.59	22.85	22.87
			0	22.00	21.65	21.86	21.92
		8	0	24.00	23.45	23.81	23.69
			7	24.00	23.48	23.80	23.71
			14	24.00	23.48	23.80	23.73
		15	0	23.00	22.46	22.77	22.76
			4	23.00	22.43	22.74	22.77
			7	23.00	22.44	22.75	22.78
	16QAM	1	0	23.00	22.44	22.76	22.75
			0	23.50	22.35	23.16	22.95
			7	23.50	22.31	23.13	22.92
		8	14	23.50	22.34	23.18	22.95
			0	22.00	21.46	21.78	21.79
			4	22.00	21.42	21.74	21.76
		15	7	22.00	21.44	21.76	21.79
			0	22.00	21.52	21.79	21.72
5MHz	QPSK	1	0	24.00	23.64	23.88	23.79
			13	24.00	23.61	23.89	23.79
			24	24.00	23.62	23.95	23.78
		12	0	23.00	22.55	22.83	22.82
			6	23.00	22.53	22.80	22.81
			13	23.00	22.53	22.81	22.79
		25	0	23.00	22.58	22.88	22.85
			0	23.50	23.07	23.21	23.14
			13	23.50	23.04	23.22	23.10
	16QAM	1	24	23.50	23.04	23.27	23.13
			0	22.00	21.55	21.82	21.88
		12	6	22.00	21.52	21.79	21.87
			13	22.00	21.52	21.81	21.86
		25	0	22.00	21.51	21.89	21.80

LTE-FDD Band 4				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20000 1715.0MHz	20175 1732.5MHz	20350 1750.0MHz
10MHz	QPSK	1	0	24.50	23.67	23.83	24.01
			25	24.00	23.59	23.82	23.85
			49	24.00	23.65	23.87	23.87
		25	0	23.00	22.60	22.86	22.85
			13	23.00	22.55	22.85	22.80
			25	23.00	22.57	22.87	22.83
	16QAM	50	0	23.00	22.59	22.87	22.83
			0	23.50	22.99	23.06	22.89
			25	23.50	22.91	23.04	22.67
		1	49	23.50	22.97	23.10	22.74
			0	22.00	21.59	21.84	21.83
			13	22.00	21.58	21.85	21.78
15MHz	QPSK	25	25	22.00	21.59	21.83	21.80
			0	22.00	21.58	21.87	21.79
			0	22.00	21.58	21.87	21.79
	16QAM	50	0	22.00	21.58	21.87	21.79
			0	22.00	21.58	21.87	21.79
			0	22.00	21.58	21.87	21.79
20MHz	QPSK	1	0	24.50	23.68	23.81	24.12
			38	24.00	23.70	23.88	24.00
			74	24.00	23.81	23.85	23.95
		36	0	23.00	22.57	22.83	22.91
			18	23.00	22.56	22.85	22.85
			39	23.00	22.63	22.85	22.82
	16QAM	75	0	23.00	22.60	22.85	22.89
			0	23.50	22.98	23.04	23.11
			38	23.50	22.97	23.09	22.98
		36	74	23.50	23.14	23.07	22.94
			0	22.00	21.62	21.90	21.89
			18	22.00	21.60	21.91	21.83
25MHz	QPSK	39	39	22.00	21.66	21.91	21.82
			0	22.00	21.61	21.86	21.93
			0	22.00	21.61	21.86	21.93
	16QAM	75	0	22.00	21.61	21.86	21.93
			0	22.00	21.61	21.86	21.93
			0	22.00	21.61	21.86	21.93
30MHz	QPSK	1	0	24.50	23.76	23.87	24.05
			50	24.00	23.70	23.99	23.99
			99	24.00	23.93	23.93	23.86
		50	0	23.00	22.63	22.90	22.97
			25	23.00	22.70	22.92	22.93
			50	23.00	22.75	22.92	22.87
	16QAM	100	0	23.00	22.70	22.89	22.92
			0	23.50	23.06	23.05	23.33
			50	23.50	22.98	23.17	23.27
		50	99	23.50	23.18	23.12	23.15
			0	22.50	21.68	21.87	22.01
			25	22.00	21.73	21.90	21.94
35MHz	QPSK	50	50	22.00	21.78	21.89	21.91
			0	22.00	21.68	21.86	21.92
			0	22.00	21.68	21.86	21.92
	16QAM	100	0	22.00	21.68	21.86	21.92
			0	22.00	21.68	21.86	21.92
			0	22.00	21.68	21.86	21.92

11.1.5 Conducted Power of LTE Band 5

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		20407	20525	20643	
					824.7MHz	836.5MHz	848.3MHz	
1.4MHz	QPSK	1	0	24.50	24.04	24.10	24.30	
			2	24.50	23.99	24.21	24.29	
			5	24.50	23.99	24.17	24.30	
		3	0	24.50	23.91	24.08	24.24	
			2	24.50	23.88	24.13	24.25	
			3	24.50	23.93	24.07	24.25	
	16QAM	6	0	23.50	22.94	23.09	23.26	
			1	0	23.50	23.24	23.33	22.99
				2	23.50	23.10	23.32	23.00
		3		5	23.50	23.21	23.39	23.31
			0	23.50	23.07	23.29	23.35	
			2	23.50	23.07	23.36	23.31	
3MHz	QPSK	1	3	23.50	23.06	23.32	23.33	
			0	22.50	22.11	22.24	22.42	
			6	0	22.50	22.11	22.24	22.42
		8	0	23.50	23.38	23.39	23.40	
			7	23.50	23.32	23.41	23.18	
			14	23.50	23.35	23.40	23.11	
	16QAM	15	0	22.50	21.99	22.22	22.36	
			4	22.50	21.96	22.22	22.32	
			7	22.50	21.98	22.25	22.26	
		1	0	22.50	22.03	22.20	22.38	

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20425	20525	20625
					826.5MHz	836.5MHz	846.5MHz
5MHz	QPSK	1	0	24.50	24.17	24.28	24.29
			13	24.50	24.13	24.32	24.26
			24	24.50	24.20	24.39	24.33
		12	0	23.50	23.07	23.25	23.38
			6	23.50	23.04	23.23	23.32
			13	23.50	23.06	23.25	23.29
	16QAM	25	0	23.50	23.10	23.30	23.36
		1	0	24.00	23.53	23.60	23.52
			13	24.00	23.49	23.66	23.52
			24	24.00	23.56	23.71	23.55
		12	0	22.50	22.08	22.25	22.45
			6	22.50	22.03	22.21	22.40
13	22.50		22.07	22.23	22.37		
25	0	22.50	22.03	22.32	22.33		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20450	20525	20600
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	24.50	24.12	24.08	24.36
			25	24.50	24.07	24.16	24.28
			49	24.50	24.16	24.30	24.36
		25	0	23.50	23.06	23.20	23.33
			13	23.50	23.07	23.19	23.31
			25	23.50	23.13	23.27	23.28
	16QAM	50	0	23.50	23.08	23.25	23.35
		1	0	23.50	23.44	23.32	23.20
			25	23.50	23.39	23.39	23.13
			49	24.00	23.53	23.45	23.26
		25	0	22.50	22.06	22.19	22.33
			13	22.50	22.06	22.19	22.31
25	22.50		22.13	22.26	22.28		
50	0	22.50	22.08	22.26	22.32		

11.1.6 Conducted Power of LTE Band 7

LTE-FDD Band 7				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20775 2502.5MHz	21100 2535.0MHz	21425 2567.5MHz
5MHz	QPSK	1	0	23.50	23.20	23.24	23.21
			13	23.50	23.20	23.17	23.25
			24	23.50	23.31	23.25	23.23
		12	0	22.50	22.14	22.17	22.15
			6	22.50	22.12	22.15	22.11
			13	22.50	22.13	22.16	22.13
	16QAM	25	0	22.50	22.20	22.21	22.18
			10	23.00	22.54	22.48	22.58
			13	23.00	22.46	22.44	22.58
		12	24	23.00	22.60	22.48	22.57
			0	21.50	21.12	21.22	21.14
			6	21.50	21.12	21.18	21.13
10MHz	QPSK	1	13	21.50	21.13	21.20	21.12
			25	21.50	21.18	21.14	21.11
		25	0	21.50	21.18	21.14	21.11
			10	23.00	22.56	22.39	21.96
			25	23.00	22.56	22.33	21.99
			49	23.00	22.60	22.37	22.04
	16QAM	1	0	21.50	21.17	21.16	21.16
			13	21.50	21.14	21.16	21.13
			25	21.50	21.19	21.16	21.12
		25	0	21.50	21.15	21.19	21.13
			10	23.00	22.56	22.39	21.96
			25	23.00	22.56	22.33	21.99

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20825	21100	21375
					2057.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	23.50	23.27	23.20	23.28
			38	23.50	23.23	23.10	23.21
			74	23.50	23.28	23.18	23.26
		36	0	22.50	22.14	22.15	22.11
			18	22.50	22.13	22.13	22.08
			39	22.50	22.14	22.16	22.09
	75	0	22.50	22.18	22.15	22.13	
	16QAM	1	0	23.00	22.61	22.38	22.28
			38	23.00	22.61	22.36	22.25
			74	23.00	22.60	22.44	22.27
		36	0	21.50	21.20	21.21	21.11
			18	21.50	21.18	21.21	21.08
39			21.50	21.19	21.22	21.07	
75	0	21.50	21.19	21.16	21.17		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	21350	21100	21350
					2560.0MHz	2535.0MHz	2560.0MHz
20MHz	QPSK	1	0	23.50	23.29	23.27	23.16
			50	23.50	23.19	23.27	23.05
			99	23.50	23.34	23.31	23.15
		50	0	22.50	22.23	22.22	22.20
			25	22.50	22.19	22.21	22.16
			50	22.50	22.19	22.22	22.15
	100	0	22.50	22.21	22.22	22.19	
	16QAM	1	0	23.00	22.56	22.44	22.50
			50	23.00	22.55	22.35	22.43
			99	23.00	22.64	22.45	22.48
		50	0	21.50	21.26	21.20	21.22
			25	21.50	21.23	21.19	21.19
50			21.50	21.22	21.19	21.17	
100	0	21.50	21.21	21.17	21.16		

11.1.7 Conducted Power of LTE Band 12

LTE-FDD Band 12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23017 699.7MHz	23095 707.5MHz	23173 715.5MHz
1.4MHz	QPSK	1	0	24.50	23.98	24.05	24.06
			2	24.50	23.97	24.03	24.04
			5	24.50	23.92	24.02	24.10
		3	0	24.00	23.87	23.98	24.00
			2	24.00	23.85	23.99	23.99
			3	24.50	23.87	23.96	24.06
	16QAM	6	0	23.50	22.92	23.02	23.05
		1	0	23.50	23.13	23.29	22.90
			2	23.50	23.02	23.21	22.93
			5	23.50	23.06	23.27	22.94
		3	0	23.50	23.09	23.21	23.15
			2	23.50	23.02	23.21	23.11
3MHz	QPSK	1	3	23.50	23.01	23.17	23.19
			6	22.50	22.11	22.19	22.20
		8	0	24.50	24.08	24.05	24.09
			7	24.50	24.05	24.06	24.04
			14	24.50	24.07	24.00	24.13
		15	0	23.50	22.97	23.09	23.06
			4	23.50	22.97	23.08	23.02
			7	23.50	22.98	23.06	23.04
	16QAM	1	0	23.50	23.00	23.10	23.09
			7	23.50	23.36	23.35	22.97
			14	23.50	23.29	23.29	22.89
		8	0	23.50	23.37	23.25	22.86
			4	22.50	22.01	22.11	22.09
			7	22.50	21.99	22.07	22.04
		15	4	22.50	22.02	22.06	22.05
			7	22.50	22.02	22.06	22.05
			0	22.50	22.03	22.03	22.14

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	24.50	24.12	24.17	24.12
			13	24.50	24.14	24.21	24.08
			24	24.50	24.15	24.26	24.10
		12	0	23.50	23.05	23.16	23.18
			6	23.50	23.07	23.13	23.11
			13	23.50	23.12	23.12	23.09
	16QAM	25	0	23.50	23.10	23.16	23.17
			0	24.00	23.54	23.52	23.42
			13	24.00	23.53	23.48	23.35
		1	0	24.00	23.58	23.51	23.45
			0	22.50	22.04	22.14	22.20
			6	22.50	22.02	22.09	22.11
		12	0	22.50	22.09	22.10	22.10
			6	22.50	22.09	22.10	22.10
			13	22.50	22.09	22.10	22.10
		25	0	22.50	22.03	22.16	22.11
			0	22.50	22.03	22.16	22.11
			0	22.50	22.03	22.16	22.11
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23025	23095	23130
					704.0MHz	707.5MHz	711.0MHz
10MHz	QPSK	1	0	24.50	24.17	24.02	24.28
			25	24.50	24.00	24.07	24.14
			49	24.50	24.18	24.14	24.15
		25	0	23.50	23.03	23.11	23.11
			13	23.50	23.10	23.10	23.08
			25	23.50	23.13	23.11	23.07
	16QAM	50	0	23.50	23.09	23.14	23.10
			0	23.50	23.47	23.25	23.19
		1	25	23.50	23.40	23.28	22.98
			49	23.50	23.48	23.40	23.02
		25	0	22.50	22.04	22.09	22.12
			13	22.50	22.07	22.10	22.07
			25	22.50	22.11	22.10	22.06
		50	0	22.50	22.09	22.14	22.08
			0	22.50	22.09	22.14	22.08
			0	22.50	22.09	22.14	22.08

11.1.8 Conducted Power of LTE Band 13

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23205	23230	23255
					779.5MHz	782.0MHz	784.5MHz
5MHz	QPSK	1	0	24.00	23.45	23.56	23.59
			13	24.00	23.44	23.57	23.53
			24	24.00	23.44	23.58	23.47
		12	0	22.50	22.48	22.45	22.41
			6	22.50	22.47	22.45	22.43
			13	22.50	22.43	22.46	22.41
	16QAM	25	0	23.00	22.50	22.52	22.46
		1	0	23.00	22.70	22.99	22.89
			13	23.50	22.73	23.04	22.83
			24	23.00	22.80	22.99	22.78
		12	0	22.00	21.52	21.47	21.41
			6	21.50	21.50	21.44	21.42
13	21.50		21.48	21.45	21.39		
25	0	21.50	21.46	21.44	21.44		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23230		
					782.0MHz		
10MHz	QPSK	1	0	24.00	23.55		
			25	23.50	23.46		
			49	23.50	23.37		
		25	0	22.50	22.49		
			13	22.50	22.42		
			25	22.50	22.45		
	16QAM	50	0	22.50	22.47		
		1	0	23.00	22.86		
			25	23.00	22.88		
			49	23.00	22.77		
		25	0	21.50	21.49		
			13	21.50	21.43		
25	21.50		21.48				
50	0	21.50	21.45				

11.1.9 Conducted Power of LTE Band 17

LTE-FDD Band 17					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23755	23790	23825
					706.5MHz	710.0MHz	713.5MHz
5MHz	QPSK	1	0	24.50	24.27	24.07	24.35
			13	24.50	24.20	24.26	24.21
			24	24.50	24.33	24.23	24.25
		12	0	23.50	23.11	23.18	23.23
			6	23.50	23.05	23.15	23.20
			13	23.50	23.14	23.18	23.16
	16QAM	25	0	23.50	23.16	23.21	23.23
			0	24.00	23.58	23.42	23.71
			13	24.00	23.54	23.46	23.63
		12	24	24.00	23.46	23.44	23.62
			0	22.50	22.10	22.22	22.19
			6	22.50	22.05	22.21	22.19
10MHz	QPSK	1	13	22.50	22.13	22.23	22.15
			25	22.50	22.15	22.18	22.15
			0	22.50	22.15	22.18	22.15
		25	0	24.50	24.21	23.99	24.15
			25	24.50	24.23	24.13	24.18
			49	24.50	24.21	24.16	24.22
		50	0	23.50	23.08	23.13	23.13
			13	23.50	23.13	23.16	23.18
			25	23.50	23.17	23.14	23.09
	16QAM	1	0	23.50	23.12	23.15	23.14
			0	24.00	23.60	23.26	23.02
			25	23.50	23.45	23.35	23.12
		25	49	24.00	23.60	23.39	23.11
			0	22.50	22.09	22.11	22.12
			13	22.50	22.11	22.14	22.14
		50	25	22.50	22.16	22.12	22.08
			0	22.50	22.10	22.15	22.10
			0	22.50	22.10	22.15	22.10

11.1.10 Conducted Power of LTE Band 38

LTE-TDD Band 38				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		37775 2572.5MHz	38000 2595.0MHz	38225 2617.5MHz
5MHz	QPSK	1	0	24.00	23.60	23.37	23.35
			13	24.00	23.59	23.34	23.32
			24	24.00	23.62	23.37	23.32
		12	0	22.50	22.43	22.37	22.34
			6	22.50	22.44	22.36	22.34
			13	22.50	22.44	22.33	22.30
	16QAM	25	0	23.00	22.51	22.34	22.36
			0	23.50	23.06	22.65	22.62
			13	23.00	23.00	22.60	22.63
		1	24	23.50	23.04	22.65	22.63
			0	21.50	21.46	21.33	21.36
			6	21.50	21.43	21.32	21.34
10MHz	QPSK	12	13	21.50	21.44	21.29	21.36
			0	21.50	21.43	21.38	21.31
		25	0	21.50	21.43	21.38	21.31
			0	24.00	23.55	23.46	23.40
		1	25	24.00	23.51	23.36	23.36
			49	24.00	23.54	23.39	23.38
		25	0	23.00	22.51	22.41	22.34
			13	22.50	22.48	22.37	22.31
			25	22.50	22.50	22.35	22.33
	16QAM	50	0	23.00	22.51	22.39	22.33
			0	23.50	23.03	22.57	22.44
		1	25	23.00	22.95	22.49	22.34
			49	23.00	22.99	22.52	22.42
		25	0	21.50	21.49	21.37	21.34
			13	21.50	21.47	21.35	21.31
			25	21.50	21.49	21.33	21.32
		50	0	21.50	21.48	21.41	21.32

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	QPSK	1	0	24.00	23.57	23.52	23.56
			38	23.50	23.50	23.39	23.49
			74	24.00	23.51	23.43	23.56
		36	0	22.50	22.47	22.38	22.33
			18	22.50	22.41	22.34	22.30
			39	22.50	22.39	22.34	22.32
	16QAM	1	0	22.50	22.45	22.39	22.34
			38	23.00	23.01	22.61	22.66
			74	23.00	22.91	22.50	22.55
		36	0	22.00	21.53	21.44	21.32
			18	21.50	21.46	21.42	21.28
			39	21.50	21.44	21.40	21.29
20MHz	QPSK	1	0	24.00	23.54	23.57	23.46
			50	23.50	23.40	23.46	23.36
			99	24.00	23.48	23.51	23.43
		50	0	23.00	22.55	22.48	22.40
			25	22.50	22.50	22.43	22.37
			50	22.50	22.47	22.39	22.38
	16QAM	1	0	22.50	22.50	22.43	22.39
			50	23.00	22.83	22.66	22.73
			99	23.00	22.68	22.55	22.63
		50	0	22.00	21.60	21.48	21.42
			25	22.00	21.53	21.40	21.38
			50	22.00	21.52	21.38	21.40
20MHz	QPSK	1	0	24.00	23.54	23.57	23.46
			50	23.50	23.40	23.46	23.36
			99	24.00	23.48	23.51	23.43
		50	0	23.00	22.55	22.48	22.40
			25	22.50	22.50	22.43	22.37
			50	22.50	22.47	22.39	22.38
	16QAM	1	0	22.50	22.50	22.43	22.39
			50	23.00	22.83	22.66	22.73
			99	23.00	22.68	22.55	22.63
		50	0	22.00	21.60	21.48	21.42
			25	22.00	21.53	21.40	21.38
			50	22.00	21.52	21.38	21.40

11.1.11 ConductePower of LTE Band 41

LTE-TDD Band 41				Maximum Tune- up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		39675 2498.5MHz	40160 2552.0MHz	40620 2593 MHz	41080 2639.5 MHz	41565 2687.5 MHz
5MHz	QPSK	1	0	24.00	23.58	22.94	23.30	22.67	23.04
			13	24.00	23.57	22.93	23.28	22.68	23.07
			24	24.00	23.61	22.96	23.31	22.69	23.07
		12	0	22.50	22.39	21.81	22.23	21.69	22.15
			6	22.50	22.36	21.80	22.24	21.66	22.08
			13	22.50	22.39	21.81	22.23	21.66	22.08
	16QAM	25	0	22.50	22.44	21.86	22.28	21.71	22.14
			0	23.00	23.00	22.29	22.57	21.95	22.33
			13	23.00	22.98	22.25	22.52	21.94	22.36
		1	24	23.00	22.98	22.29	22.59	21.98	22.37
			0	21.50	21.39	20.83	21.26	20.72	21.18
			6	21.50	21.37	20.79	21.20	20.69	21.18
10MHz	QPSK	12	13	21.50	21.38	20.80	21.21	20.67	21.12
			25	21.50	21.36	20.83	21.29	20.70	21.10
		25	0	21.50	21.36	20.83	21.29	20.70	21.10
			0	23.00	22.96	22.21	22.46	21.83	22.20
			25	23.00	22.86	22.14	22.41	21.76	22.11
			49	23.00	22.94	22.16	22.38	21.78	22.17
	16QAM	25	0	21.50	21.40	20.86	21.32	20.73	21.13
			13	21.50	21.38	20.82	21.25	20.69	21.12
			25	21.50	21.41	20.82	21.23	20.68	21.13
		50	0	21.50	21.39	20.85	21.30	20.71	21.12
			0	24.00	23.52	22.94	23.35	22.75	23.14
			25	23.50	23.47	22.89	23.30	22.69	23.07
15MHz	QPSK	1	49	23.50	23.50	22.89	23.28	22.71	23.13
			0	22.50	22.40	21.87	22.33	21.73	22.13
			13	22.50	22.39	21.83	22.27	21.70	22.13
		25	25	22.50	22.42	21.84	22.25	21.70	22.15
			0	22.50	22.39	21.85	22.30	21.74	22.17
			0	23.00	22.96	22.21	22.46	21.83	22.20
	16QAM	1	25	23.00	22.86	22.14	22.41	21.76	22.11
			49	23.00	22.94	22.16	22.38	21.78	22.17
			0	21.50	21.40	20.86	21.32	20.73	21.13
		25	13	21.50	21.38	20.82	21.25	20.69	21.12
			25	21.50	21.41	20.82	21.23	20.68	21.13
			0	21.50	21.39	20.85	21.30	20.71	21.12

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39725	40160	40620	41030	41515
					2503.5MHz	2547.0MHz	2593.0MHz	2634.0MHz	2682.5MHz
15MHz	QPSK	1	0	24.00	23.59	23.00	23.40	22.88	23.35
			38	23.50	23.49	22.91	23.32	22.80	23.27
			74	24.00	23.52	22.91	23.29	22.82	23.35
		36	0	22.50	22.37	21.84	22.30	21.72	22.14
			18	22.50	22.36	21.80	22.24	21.66	22.07
			39	22.50	22.38	21.81	22.23	21.68	22.12
		75	0	22.50	22.40	21.84	22.28	21.70	22.12
			0	23.00	23.00	22.25	22.50	21.96	22.42
			38	23.00	22.91	22.17	22.43	21.87	22.31
	16QAM	1	74	23.00	22.95	22.19	22.43	21.90	22.36
			0	21.50	21.42	20.91	21.39	20.77	21.14
			36	18	21.50	21.41	20.87	21.32	20.69
		36	39	21.50	21.42	20.86	21.29	20.70	21.11
			75	0	21.50	21.41	20.86	21.31	20.74
			0	21.50	21.41	20.86	21.31	20.74	21.17
		75	0	23.00	23.00	22.25	22.50	21.96	22.42
			38	23.00	22.91	22.17	22.43	21.87	22.31
			74	23.00	22.95	22.19	22.43	21.90	22.36
20MHz	QPSK	1	0	23.50	23.49	22.97	23.44	22.80	23.16
			50	23.50	23.38	22.88	23.37	22.74	23.10
			99	23.50	23.41	22.89	23.37	22.76	23.15
		50	0	22.50	22.42	21.90	22.38	21.77	22.16
			25	22.50	22.40	21.86	22.32	21.74	22.15
			50	22.50	22.44	21.87	22.29	21.73	22.16
		100	0	22.50	22.42	21.87	22.32	21.74	22.16
			0	23.00	22.75	22.15	22.55	22.00	22.45
			50	23.00	22.67	22.07	22.47	21.92	22.36
		1	99	23.00	22.68	22.07	22.46	21.96	22.45
			0	21.50	21.46	20.91	21.35	20.78	21.21
			25	21.50	21.44	20.86	21.27	20.72	21.16
	16QAM	50	50	21.50	21.49	20.88	21.26	20.72	21.17
			100	0	21.50	21.41	20.85	21.29	20.73
			0	21.50	21.41	20.85	21.29	20.73	21.17

11.1.12 Conducted Power of LTE Band 42

LTE-TDD Band 42				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		42115 3452.5MHz	42590 3500.0MHz	43065 3547.5MHz
5MHz	QPSK	1	0	21.50	21.36	21.35	21.15
			13	21.50	21.40	21.42	21.16
			24	21.50	21.41	21.43	21.18
		12	0	20.50	20.43	20.50	20.38
			6	21.00	20.42	20.51	20.36
			13	21.00	20.46	20.53	20.40
	16QAM	25	0	21.00	20.47	20.54	20.42
			0	21.50	21.02	20.79	20.66
			13	21.50	21.03	20.84	20.69
		1	24	21.50	21.06	20.84	20.72
			0	19.50	19.44	19.48	19.42
			6	19.50	19.46	19.50	19.39
10MHz	QPSK	12	13	20.00	19.44	19.52	19.46
			0	20.00	19.41	19.55	19.36
			25	20.00	19.41	19.55	19.36
	16QAM	25	0	20.00	19.41	19.55	19.36
			0	20.00	19.41	19.55	19.36
			25	20.00	19.41	19.55	19.36
10MHz	QPSK	1	0	21.50	21.31	21.41	21.17
			25	21.50	21.31	21.46	21.24
			49	21.50	21.38	21.43	21.23
	16QAM	25	0	21.00	20.48	20.51	20.37
			13	20.50	20.47	20.48	20.38
			25	21.00	20.50	20.56	20.42
10MHz	QPSK	50	0	21.00	20.46	20.52	20.37
			0	21.00	20.91	20.63	20.32
			25	21.00	20.93	20.69	20.33
	16QAM	1	49	21.00	20.96	20.68	20.40
			0	19.50	19.48	19.50	19.36
			13	19.50	19.48	19.49	19.37
10MHz	QPSK	25	25	20.00	19.50	19.56	19.40
			0	20.00	19.48	19.56	19.34
			0	20.00	19.48	19.56	19.34
	16QAM	50	0	20.00	19.48	19.56	19.34
			0	20.00	19.48	19.56	19.34
			25	20.00	19.48	19.56	19.34

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	21.50	21.25	21.33	21.22
			38	21.50	21.33	21.40	21.17
			74	21.50	21.35	21.43	21.29
		36	0	20.50	20.36	20.45	20.28
			18	20.50	20.39	20.43	20.29
			39	20.50	20.41	20.49	20.32
		75	0	20.50	20.40	20.47	20.28
			0	21.00	20.85	20.55	20.51
			38	21.00	20.90	20.64	20.47
	16QAM	1	74	21.00	20.95	20.65	20.57
			0	20.00	19.42	19.51	19.25
			18	19.50	19.45	19.50	19.25
		36	39	20.00	19.45	19.57	19.30
			0	19.50	19.42	19.48	19.33
			75	0	19.42	19.48	19.33
20MHz	QPSK	1	0	21.50	21.22	21.31	21.21
			50	21.50	21.26	21.37	21.06
			99	21.50	21.26	21.38	21.16
			0	20.50	20.40	20.42	20.34
			25	20.50	20.43	20.48	20.28
		50	50	21.00	20.44	20.54	20.33
			0	20.50	20.41	20.44	20.32
			0	21.00	20.62	20.57	20.58
			50	21.00	20.66	20.67	20.43
			99	21.00	20.65	20.69	20.57
		100	0	19.50	19.44	19.39	19.37
			25	19.50	19.47	19.47	19.34
			50	19.50	19.48	19.50	19.37
			0	19.50	19.42	19.44	19.33
	16QAM	1	0	21.00	20.62	20.57	20.58
			50	21.00	20.66	20.67	20.43
			99	21.00	20.65	20.69	20.57
			0	19.50	19.44	19.39	19.37
		50	25	19.50	19.47	19.47	19.34
			50	19.50	19.48	19.50	19.37
			0	19.50	19.42	19.44	19.33
		100	0	19.50	19.42	19.44	19.33

11.1.13 Conducted Power of LTE Band 66

LTE-FDD Band 66					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	131979 1710.7MHz	132322 1745.0MHz	132665 1779.3MHz
1.4MHz	QPSK	1	0	24.00	23.70	23.94	23.97
			2	24.00	23.77	23.93	23.92
			5	24.00	23.77	23.93	23.94
		3	0	24.00	23.75	23.83	23.96
			2	24.00	23.75	23.81	23.91
			3	24.00	23.74	23.84	23.90
	16QAM	6	0	23.00	22.77	22.86	22.94
			0	23.50	22.76	23.12	22.71
			2	23.50	22.70	23.06	22.68
		3	5	23.50	22.77	23.13	22.72
			0	23.50	22.94	23.04	23.02
			2	23.50	22.94	23.03	23.05
3MHz	QPSK	1	3	23.50	22.95	23.06	23.07
			6	22.50	21.93	22.01	22.09
		8	0	24.00	23.97	23.91	23.92
			7	24.00	23.88	23.91	23.92
			14	24.00	23.89	23.82	23.93
		15	0	23.00	22.85	22.95	22.96
			4	23.00	22.81	22.92	22.93
			7	23.00	22.80	22.90	22.94
	16QAM	1	0	23.00	22.84	22.89	22.96
			0	23.50	23.22	23.15	22.72
			7	23.50	23.13	23.11	22.68
		8	14	23.50	23.15	23.06	22.70
			0	22.00	21.87	21.95	21.97
			4	22.00	21.85	21.95	21.93
		15	7	22.00	21.84	21.89	21.92
			0	22.00	21.88	21.84	21.97
5MHz	QPSK	1	0	24.50	24.03	24.09	23.98
			13	24.50	24.01	24.06	24.00
			24	24.50	23.96	24.05	24.02
		12	0	23.00	22.91	22.98	22.97
			6	23.00	22.88	22.98	22.95
			13	23.00	22.85	22.95	22.95
		25	0	23.50	22.92	22.98	23.01
			0	23.50	23.37	23.43	23.24
			13	23.50	23.33	23.40	23.23
	16QAM	1	24	23.50	23.28	23.40	23.20
			0	22.50	21.90	21.96	22.02
			6	22.50	21.87	21.96	22.01
		12	13	22.50	21.84	21.92	22.03
			0	22.00	21.84	21.99	21.96
			0	22.00	21.84	21.99	21.96

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		132022 1715.0MHz	132322 1745.0MHz	132622 1775.0MHz
10MHz	QPSK	1	0	24.50	24.01	24.09	24.12
			25	24.50	23.87	24.03	24.05
			49	24.50	24.00	23.92	24.07
		25	0	23.50	22.93	23.04	23.04
			13	23.50	22.93	23.03	23.02
			25	23.50	22.90	23.02	23.06
	16QAM	1	0	23.50	23.36	23.28	22.90
			25	23.50	23.14	23.19	22.78
			49	23.50	23.17	23.13	23.13
		25	0	22.50	21.93	22.02	22.02
			13	22.00	21.93	22.00	22.00
			25	22.50	21.89	22.01	22.02
15MHz	QPSK	1	0	24.50	24.01	24.12	24.17
			38	24.50	23.97	24.05	24.09
			74	24.50	24.17	23.93	24.12
		36	0	23.00	22.86	22.98	23.00
			18	23.00	22.81	22.94	22.99
			39	23.00	22.86	22.93	22.98
	16QAM	1	0	23.50	23.28	23.26	23.12
			38	23.50	23.13	23.16	23.12
			74	23.50	23.30	23.11	23.10
		36	0	22.50	21.93	22.06	22.02
			18	22.50	21.86	22.01	21.96
			39	22.00	21.91	21.99	21.95
20MHz	QPSK	1	0	24.50	24.07	24.34	23.93
			50	24.50	23.94	24.22	23.98
			99	24.50	24.25	24.10	24.01
		50	0	23.50	22.91	23.08	23.10
			25	23.50	22.93	23.01	23.06
			50	23.50	22.98	23.02	23.00
	16 QAM	1	0	23.50	22.93	23.03	23.06
			0	23.50	23.47	23.38	23.33
			50	23.50	23.28	23.26	23.31
		50	0	22.50	21.93	22.06	22.12
			25	22.50	21.96	21.98	22.08
			50	22.50	22.02	21.98	22.02
20MHz	QPSK	1	0	24.50	24.07	24.34	23.93
			50	24.50	23.94	24.22	23.98
			99	24.50	24.25	24.10	24.01
		50	0	23.50	22.91	23.08	23.10
			25	23.50	22.93	23.01	23.06
			50	23.50	22.98	23.02	23.00
	16 QAM	1	0	23.50	22.93	23.03	23.06
			0	23.50	23.47	23.38	23.33
			50	23.50	23.28	23.26	23.31
		50	0	22.50	21.93	22.06	22.12
			25	22.50	21.96	21.98	22.08
			50	22.50	22.02	21.98	22.02

11.1.14 Conducted Power of NR n5

NR n5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		165800 829.0MHz	167300 836.5MHz	168800 844.0MHz
10MHz	DFT BPSK	1@1	LOW	25.50	25.25	25.19	25.01
	DFT QPSK	24@0	LOW	24.50	24.17	24.37	24.31
	DFT QPSK	12@6	LOW	25.50	25.16	25.31	25.33
	DFT QPSK	1@1	LOW	26.00	25.22	25.17	25.51
	DFT QPSK	1@22	LOW	26.00	25.22	25.15	25.60
	DFT QAM16	1@1	LOW	24.50	24.08	24.12	24.02
	DFT QAM64	1@1	LOW	23.00	22.63	22.64	22.46
	DFT QAM256	1@1	LOW	21.00	20.94	20.54	20.81
	CP QPSK	1@1	LOW	24.50	24.02	24.20	23.85
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166300 831.5MHz	167300 836.5MHz	168300 841.5MHz
15MHz	DFT BPSK	1@1	LOW	25.50	25.14	25.12	25.47
	DFT QPSK	36@0	LOW	24.50	24.27	24.33	24.31
	DFT QPSK	18@9	LOW	25.50	25.24	25.31	25.35
	DFT QPSK	1@1	LOW	25.50	25.05	25.23	25.21
	DFT QPSK	1@36	LOW	25.50	25.15	25.22	25.19
	DFT QAM16	1@1	LOW	25.00	24.13	24.80	24.47
	DFT QAM64	1@1	LOW	23.00	22.73	22.91	22.76
	DFT QAM256	1@1	LOW	21.00	20.91	20.98	20.59
	CP QPSK	1@1	LOW	24.00	23.69	23.93	23.60
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166800 834.0MHz	167300 836.5MHz	167800 839.0MHz
20MHz	DFT BPSK	1@1	LOW	25.50	24.94	24.96	25.11
	DFT QPSK	50@0	LOW	24.50	24.31	24.30	24.34
	DFT QPSK	25@12	LOW	25.50	25.32	25.32	25.36
	DFT QPSK	1@1	LOW	25.50	25.19	25.09	25.13
	DFT QPSK	1@49	LOW	25.50	25.23	25.18	25.15
	DFT QAM16	1@1	LOW	24.50	24.32	24.16	24.33
	DFT QAM64	1@1	LOW	23.50	23.12	22.89	22.75
	DFT QAM256	1@1	LOW	21.00	20.96	20.44	20.78
	CP QPSK	1@1	LOW	24.50	24.01	23.58	23.86

11.1.15 Conducted Power of NR n7

NR n7				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		501000	507000	513000
					2505.0MHz	2535.0MHz	2565.0MHz
10MHz	DFT BPSK	1@1	LOW	24.50	24.39	24.14	24.12
	DFT QPSK	24@0	LOW	23.50	23.21	23.15	23.28
	DFT QPSK	12@6	LOW	24.50	24.21	24.16	24.24
	DFT QPSK	1@1	LOW	24.50	24.20	24.28	24.27
	DFT QPSK	1@22	LOW	24.50	24.20	24.27	24.42
	DFT QAM16	1@1	LOW	24.00	23.27	23.42	23.59
	DFT QAM64	1@1	LOW	22.50	21.71	22.14	22.14
	DFT QAM256	1@1	LOW	20.50	19.72	20.25	19.85
	CP QPSK	1@1	LOW	23.50	22.96	23.22	22.85
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	501500	507000	512000
					2507.5MHz	2535.0MHz	2562.5MHz
15MHz	DFT BPSK	1@1	LOW	24.50	24.05	24.15	24.40
	DFT QPSK	36@0	LOW	23.50	23.26	23.18	23.29
	DFT QPSK	18@9	LOW	24.50	24.25	24.15	24.26
	DFT QPSK	1@1	LOW	25.00	23.99	24.16	24.53
	DFT QPSK	1@36	LOW	25.00	23.93	24.16	24.62
	DFT QAM16	1@1	LOW	24.00	23.06	23.01	23.59
	DFT QAM64	1@1	LOW	22.50	21.87	21.55	22.06
	DFT QAM256	1@1	LOW	20.50	19.64	19.71	20.34
	CP QPSK	1@1	LOW	23.50	23.09	23.29	22.55
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	502000	507000	512000
					2510.0MHz	2535.0MHz	2560.0MHz
20MHz	DFT BPSK	1@1	LOW	24.50	24.06	24.25	24.20
	DFT QPSK	50@0	LOW	23.50	23.29	23.19	23.30
20MHz	DFT QPSK	25@12	LOW	24.50	24.30	24.18	24.31
	DFT QPSK	1@1	LOW	24.50	24.37	24.29	24.31
	DFT QPSK	1@49	LOW	24.50	24.35	24.31	24.40
	DFT QAM16	1@1	LOW	24.00	23.39	23.72	23.39
	DFT QAM64	1@1	LOW	22.00	21.99	21.66	21.75
	DFT QAM256	1@1	LOW	20.00	20.00	19.82	19.66
	CP QPSK	1@1	LOW	23.00	22.82	22.61	22.56

11.1.16 ConductdPower of NR n12

NR n12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
5MHz	DFT BPSK	1@1	LOW	25.50	25.32	25.24	25.47
	DFT QPSK	25@0	LOW	24.50	24.47	24.45	24.43
	DFT QPSK	12@6	LOW	25.50	25.49	25.43	25.42
	DFT QPSK	1@1	LOW	26.00	25.44	25.54	25.35
	DFT QPSK	1@23	LOW	25.50	25.49	25.42	25.32
	DFT QAM16	1@1	LOW	25.00	24.50	24.80	24.21
	DFT QAM64	1@1	LOW	24.00	23.59	23.29	22.83
	DFT QAM256	1@1	LOW	22.00	21.54	21.02	21.20
	CP QPSK	1@1	LOW	25.00	24.76	24.31	24.19
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
10MHz	DFT BPSK	1@1	LOW	26.00	25.32	25.66	25.35
	DFT QPSK	50@0	LOW	24.50	24.40	24.47	24.38
	DFT QPSK	25@12	LOW	25.50	25.49	25.43	25.49
	DFT QPSK	1@1	LOW	26.00	25.58	25.58	25.50
	DFT QPSK	1@50	LOW	25.50	25.49	25.47	25.46
	DFT QAM16	1@1	LOW	25.00	23.71	24.51	24.21
	DFT QAM64	1@1	LOW	23.50	22.81	23.19	23.32
	DFT QAM256	1@1	LOW	22.00	20.84	21.63	21.21
	CP QPSK	1@1	LOW	25.00	24.54	24.08	24.03
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	141300 706.5MHz	141500 707.5MHz	141700 708.8MHz
15MHz	DFT BPSK	1@1	LOW	26.00	25.22	25.64	25.38
	DFT QPSK	75@0	LOW	24.50	24.49	24.50	24.49
	DFT QPSK	36@18	LOW	26.00	25.51	25.45	25.53
	DFT QPSK	1@1	LOW	25.50	25.41	25.32	25.25
	DFT QPSK	1@77	LOW	25.50	25.34	25.27	25.21
	DFT QAM16	1@1	LOW	25.50	25.03	24.77	24.38
	DFT QAM64	1@1	LOW	23.50	23.05	22.98	23.47
	DFT QAM256	1@1	LOW	21.50	21.20	20.71	21.15
	CP QPSK	1@1	LOW	24.50	23.78	24.00	24.16

11.1.17 Conducted Power of NR n38

NR n38				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		515000	519000	523000
					2575.0MHz	2595.0MHz	2615.0MHz
10MHz	DFT BPSK	1@1	LOW	25.00	24.57	24.62	24.89
	DFT QPSK	24@0	LOW	24.00	23.80	23.69	23.63
	DFT QPSK	12@6	LOW	25.00	24.82	24.72	24.68
	DFT QPSK	1@1	LOW	25.50	25.31	24.70	24.72
	DFT QPSK	1@22	LOW	25.50	25.28	24.67	24.70
	DFT QAM16	1@1	LOW	24.00	23.83	23.64	23.56
	DFT QAM64	1@1	LOW	23.00	22.88	22.05	22.64
	DFT QAM256	1@1	LOW	20.50	20.22	20.32	20.39
	CP QPSK	1@1	LOW	24.50	23.25	23.30	24.32
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	515500	519000	522500
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	DFT BPSK	1@1	LOW	25.00	24.77	24.35	24.45
	DFT QPSK	36@0	LOW	24.00	23.76	23.75	23.70
	DFT QPSK	18@9	LOW	25.00	24.79	24.61	24.71
	DFT QPSK	1@1	LOW	25.00	24.73	24.43	24.96
	DFT QPSK	1@36	LOW	25.00	24.62	24.44	24.58
	DFT QAM16	1@1	LOW	24.00	23.76	23.31	23.71
	DFT QAM64	1@1	LOW	23.50	22.45	23.31	22.01
	DFT QAM256	1@1	LOW	20.50	20.14	19.96	20.14
	CP QPSK	1@1	LOW	25.00	23.32	22.86	24.57
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	522500	519000	522000
					2580.0MHz	2595.0MHz	2610.0MHz
20MHz	DFT BPSK	1@1	LOW	25.00	24.84	24.68	24.53
	DFT QPSK	50@0	LOW	24.00	23.70	23.64	23.67
20MHz	DFT QPSK	25@12	LOW	25.00	24.73	24.66	24.64
	DFT QPSK	1@1	LOW	25.50	24.57	24.52	25.11
	DFT QPSK	1@49	LOW	25.00	24.50	24.55	24.98
	DFT QAM16	1@1	LOW	24.50	23.62	23.70	24.08
	DFT QAM64	1@1	LOW	22.50	22.07	22.11	22.38
	DFT QAM256	1@1	LOW	20.50	20.05	20.40	20.16
	CP QPSK	1@1	LOW	24.50	22.74	24.08	23.23

11.1.18 Conducted Power of NR n41

NR n41				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		501204	518598	535998
					2506.0MHz	2593.0MHz	2680.0MHz
20MHz	DFT_BPSK	1@1	LOW	25.00	24.59	24.81	24.46
	DFT_QPSK	50@0	LOW	24.00	23.84	23.84	23.56
	DFT_QPSK	25@12	LOW	25.00	24.85	24.96	24.54
	DFT_QPSK	1@1	LOW	25.50	25.10	24.52	24.26
	DFT_QPSK	1@49	LOW	25.50	25.46	24.61	24.41
	DFT_QAM16	1@1	LOW	24.50	24.07	23.67	23.53
	DFT_QAM64	1@1	LOW	22.50	22.17	22.06	22.05
	DFT_QAM256	1@1	LOW	20.50	20.39	20.12	20.29
CP_QPSK	1@1	LOW	24.50	24.40	23.89	22.59	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	504204	518598	532998
					2521.0MHz	2593.0MHz	2665.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.00	24.56	24.55	24.70
	DFT_QPSK	128@0	LOW	24.00	23.71	23.81	23.65
	DFT_QPSK	64@32	LOW	25.00	24.69	24.77	24.58
	DFT_QPSK	1@1	LOW	26.50	25.31	26.33	24.52
	DFT_QPSK	1@131	LOW	26.50	25.29	26.39	24.46
	DFT_QAM16	1@1	LOW	24.50	24.03	23.78	23.57
	DFT_QAM64	1@1	LOW	23.00	22.51	22.23	22.07
	DFT_QAM256	1@1	LOW	20.50	20.37	20.28	19.95
CP_QPSK	1@1	LOW	24.50	23.25	22.95	24.01	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	509202	518598	528000
					2546.0MHz	2593.0MHz	2640.0MHz
100MHz	DFT_BPSK	1@1	LOW	25.00	24.65	24.51	24.51
	DFT_QPSK	270@0	LOW	24.00	23.75	23.75	23.64
	DFT_QPSK	135@67	LOW	25.00	24.76	24.75	24.68
	DFT_QPSK	1@1	LOW	25.00	24.61	24.52	24.88
	DFT_QPSK	1@271	LOW	25.00	24.54	24.56	24.98
	DFT_QAM16	1@1	LOW	24.00	23.84	23.33	23.90
	DFT_QAM64	1@1	LOW	23.00	22.28	22.64	21.97
	DFT_QAM256	1@1	LOW	20.50	20.37	20.03	20.15
CP_QPSK	1@1	LOW	24.50	24.07	22.83	22.99	

11.1.19 Conducted Power of NR n66

NR n66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		343000 1715.0MHz	349000 1745.0MHz	355000 1775.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.50	23.78	24.30	24.44
	DFT_QPSK	24@0	LOW	24.00	23.02	23.41	23.59
	DFT_QPSK	12@6	LOW	25.00	24.01	24.42	24.55
	DFT_QPSK	1@1	LOW	25.00	23.77	24.75	24.62
	DFT_QPSK	1@22	LOW	25.00	23.85	24.73	24.70
	DFT_QAM16	1@1	LOW	24.00	22.71	23.18	23.67
	DFT_QAM64	1@1	LOW	22.00	21.31	21.61	21.99
	DFT_QAM256	1@1	LOW	20.50	19.24	19.85	20.06
	CP_QPSK	1@1	LOW	23.50	22.93	23.04	23.02
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	344000 1720.0MHz	349000 1745.0MHz	354000 1770.0MHz
20MHz	DFT_BPSK	1@1	LOW	24.50	23.92	24.22	24.06
	DFT_QPSK	50@0	LOW	23.50	23.08	23.35	23.47
	DFT_QPSK	25@12	LOW	24.50	24.09	24.38	24.44
	DFT_QPSK	1@1	LOW	24.50	23.97	24.42	24.30
	DFT_QPSK	1@49	LOW	25.00	24.28	24.38	24.62
	DFT_QAM16	1@1	LOW	23.50	23.43	23.43	23.45
	DFT_QAM64	1@1	LOW	22.50	21.35	21.68	22.34
	DFT_QAM256	1@1	LOW	20.50	19.54	19.68	20.09
	CP_QPSK	1@1	LOW	23.50	22.30	22.68	23.18
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	346000 1730.0MHz	349000 1745.0MHz	352000 1760.0MHz
40MHz	DFT_BPSK	1@1	LOW	24.50	23.84	24.02	24.15
	DFT_QPSK	100@0	LOW	23.50	23.07	23.27	23.28
	DFT_QPSK	50@25	LOW	24.50	24.19	24.29	24.29
	DFT_QPSK	1@1	LOW	24.50	23.82	24.00	24.16
	DFT_QPSK	1@104	LOW	24.50	24.15	24.20	24.40
	DFT_QAM16	1@1	LOW	23.50	22.94	23.26	22.97
	DFT_QAM64	1@1	LOW	22.00	21.61	21.60	21.54
	DFT_QAM256	1@1	LOW	20.00	19.27	19.71	19.66
	CP_QPSK	1@1	LOW	23.00	22.40	22.62	22.91

11.1.20 Conducted Power of NR n77(3450-3550)

NR n77				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334 3455.0MHz	633334 3500.0MHz	636332 3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	25.11	25.46	24.96
	DFT_QPSK	24@0	LOW	24.50	24.19	24.38	23.92
	DFT_QPSK	12@6	LOW	25.50	25.24	25.33	24.81
	DFT_QPSK	1@1	LOW	26.00	25.21	25.59	24.99
	DFT_QPSK	1@22	LOW	25.50	25.30	25.37	24.89
	DFT_QAM16	1@1	LOW	24.50	24.08	24.29	23.79
	DFT_QAM64	1@1	LOW	23.00	22.60	22.81	22.59
	DFT_QAM256	1@1	LOW	21.00	20.73	20.86	20.82
	CP_QPSK	1@1	LOW	24.50	24.41	23.75	23.26
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	631668 3475.0MHz	633334 3500.0MHz	635000 3525.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.50	25.01	25.29	25.39
	DFT_QPSK	128@0	LOW	24.50	24.48	24.44	24.18
	DFT_QPSK	64@32	LOW	25.50	25.46	25.45	25.24
	DFT_QPSK	1@1	LOW	25.50	25.31	25.25	25.31
	DFT_QPSK	1@131	LOW	26.00	25.54	25.10	24.81
	DFT_QAM16	1@1	LOW	24.50	24.09	24.49	24.45
	DFT_QAM64	1@1	LOW	23.00	22.82	22.83	22.77
	DFT_QAM256	1@1	LOW	21.50	20.86	21.01	20.80
	CP_QPSK	1@1	LOW	24.00	23.73	23.64	23.83
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	25.50	25.02		
	DFT_QPSK	270@0	LOW	24.50	24.20		
	DFT_QPSK	135@67	LOW	25.50	25.37		
	DFT_QPSK	1@1	LOW	25.50	25.01		
	DFT_QPSK	1@271	LOW	25.00	24.60		
	DFT_QAM16	1@1	LOW	24.50	24.04		
	DFT_QAM64	1@1	LOW	23.00	22.66		
	DFT_QAM256	1@1	LOW	21.00	20.79		
	CP_QPSK	1@1	LOW	24.00	23.62		

11.1.21 Conducted Power of NR n77(3550-3700)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000	641666	646332
					3560.0MHz	3625.0MHz	3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.00	24.65	24.89	24.63
	DFT_QPSK	24@0	LOW	24.00	23.79	23.81	23.52
	DFT_QPSK	12@6	LOW	25.00	24.82	24.80	24.64
	DFT_QPSK	1@1	LOW	25.00	24.73	24.99	24.66
	DFT_QPSK	1@22	LOW	25.00	24.89	24.97	24.70
	DFT_QAM16	1@1	LOW	24.00	23.64	23.78	23.37
	DFT_QAM64	1@1	LOW	22.50	22.19	22.05	22.23
	DFT_QAM256	1@1	LOW	20.50	20.42	20.21	20.27
	CP_QPSK	1@1	LOW	24.00	23.92	23.47	23.54
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	638334	641666	645000
					3575.0MHz	3625.0MHz	3675.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.00	24.72	24.88	24.75
	DFT_QPSK	128@0	LOW	24.00	23.98	23.93	23.64
	DFT_QPSK	64@32	LOW	25.50	25.02	25.01	24.65
	DFT_QPSK	1@1	LOW	25.00	24.92	24.85	24.64
	DFT_QPSK	1@131	LOW	25.50	25.21	24.69	24.69
	DFT_QAM16	1@1	LOW	24.50	23.78	24.08	23.80
	DFT_QAM64	1@1	LOW	22.50	22.45	22.42	22.13
	DFT_QAM256	1@1	LOW	20.50	20.44	20.50	19.94
	CP_QPSK	1@1	LOW	24.00	23.81	23.26	22.96
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000	641666	643332
					3600.0MHz	3625.0MHz	3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	25.00	24.55	24.67	24.76
	DFT_QPSK	270@0	LOW	24.00	23.88	23.81	23.76
	DFT_QPSK	135@67	LOW	25.00	24.93	24.90	24.76
	DFT_QPSK	1@1	LOW	25.00	24.52	24.72	24.89
	DFT_QPSK	1@271	LOW	25.00	24.59	24.44	24.63
	DFT_QAM16	1@1	LOW	24.00	23.55	23.64	23.94
	DFT_QAM64	1@1	LOW	23.00	22.19	22.73	22.24
	DFT_QAM256	1@1	LOW	20.50	20.41	20.31	20.49
	CP_QPSK	1@1	LOW	23.50	23.27	23.05	23.37

11.1.22 Conducted Power of NR n77(3700-3980)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000 3705.0MHz	656000 3890.0MHz	665000 3975.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.00	24.38	24.68	24.77
	DFT_QPSK	24@0	LOW	24.00	23.65	23.73	23.62
	DFT_QPSK	12@6	LOW	25.00	24.63	24.79	24.67
	DFT_QPSK	1@1	LOW	25.00	24.53	24.70	24.57
	DFT_QPSK	1@22	LOW	25.00	24.66	24.75	24.63
	DFT_QAM16	1@1	LOW	24.00	23.59	23.67	23.36
	DFT_QAM64	1@1	LOW	23.00	22.55	22.04	22.33
	DFT_QAM256	1@1	LOW	20.50	19.98	20.20	20.26
	CP_QPSK	1@1	LOW	24.00	23.82	23.06	23.02
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334 3725.0MHz	656000 3890.0MHz	663666 3955.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.00	24.59	24.72	24.41
	DFT_QPSK	128@0	LOW	24.00	24.00	24.00	23.66
	DFT_QPSK	64@32	LOW	25.00	24.97	24.99	24.64
	DFT_QPSK	1@1	LOW	25.00	24.59	24.71	24.62
	DFT_QPSK	1@131	LOW	25.00	24.90	24.96	24.80
	DFT_QAM16	1@1	LOW	24.00	23.62	23.57	23.62
	DFT_QAM64	1@1	LOW	23.00	22.21	22.77	21.88
	DFT_QAM256	1@1	LOW	20.50	20.08	19.87	19.90
	CP_QPSK	1@1	LOW	23.50	23.20	23.04	22.91
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000 3750.0MHz	656000 3890.0MHz	662000 3930.0MHz
100MHz	DFT_BPSK	1@1	LOW	25.00	24.45	24.63	24.64
	DFT_QPSK	270@0	LOW	24.00	23.78	23.79	23.68
	DFT_QPSK	135@67	LOW	25.00	24.92	24.87	24.61
	DFT_QPSK	1@1	LOW	25.00	24.51	24.51	24.98
	DFT_QPSK	1@271	LOW	25.50	24.53	24.70	25.01
	DFT_QAM16	1@1	LOW	24.00	23.37	23.61	23.81
	DFT_QAM64	1@1	LOW	22.50	21.91	22.33	22.43
	DFT_QAM256	1@1	LOW	20.50	19.86	20.21	20.30
	CP_QPSK	1@1	LOW	23.50	23.19	23.38	23.35

11.1.23 Conducted Power of NR n78(3450-3550)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334 3455.0MHz	633334 3500.0MHz	636332 3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	24.85	25.41	25.13
	DFT_QPSK	24@0	LOW	25.00	23.96	24.54	23.92
	DFT_QPSK	12@6	LOW	26.00	24.96	25.51	24.91
	DFT_QPSK	1@1	LOW	25.50	24.94	25.45	25.19
	DFT_QPSK	1@22	LOW	25.50	24.85	25.35	25.03
	DFT_QAM16	1@1	LOW	24.50	23.80	24.39	23.99
	DFT_QAM64	1@1	LOW	23.50	23.07	22.96	22.27
	DFT_QAM256	1@1	LOW	21.50	20.28	21.10	20.39
	CP_QPSK	1@1	LOW	25.00	23.38	24.74	23.60
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	631668 3475.0MHz	633334 3500.0MHz	635000 3525.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.50	25.30	25.37	25.40
	DFT_QPSK	128@0	LOW	25.00	24.57	24.49	24.33
	DFT_QPSK	64@32	LOW	26.00	25.55	25.55	25.37
	DFT_QPSK	1@1	LOW	26.00	25.15	25.64	25.33
	DFT_QPSK	1@131	LOW	25.50	25.41	25.47	24.88
	DFT_QAM16	1@1	LOW	25.00	24.32	24.45	24.59
	DFT_QAM64	1@1	LOW	23.50	22.99	23.09	22.89
	DFT_QAM256	1@1	LOW	21.50	21.12	21.09	21.03
	CP_QPSK	1@1	LOW	24.50	24.02	24.50	23.74
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	25.50		25.32	
	DFT_QPSK	270@0	LOW	24.50		24.44	
	DFT_QPSK	135@67	LOW	25.50		25.48	
	DFT_QPSK	1@1	LOW	25.50		25.20	
	DFT_QPSK	1@271	LOW	25.00		24.80	
	DFT_QAM16	1@1	LOW	24.50		24.42	
	DFT_QAM64	1@1	LOW	23.00		22.73	
	DFT_QAM256	1@1	LOW	21.00		20.68	
	CP_QPSK	1@1	LOW	24.00		23.61	

11.1.24 Conducted Power of NR n78(3550-3700)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000 3560.0MHz	641666 3625.0MHz	646332 3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.00	24.81	24.87	24.72
	DFT_QPSK	24@0	LOW	24.00	23.95	23.84	23.60
	DFT_QPSK	12@6	LOW	25.00	25.00	24.93	24.75
	DFT_QPSK	1@1	LOW	25.50	24.88	25.05	24.77
	DFT_QPSK	1@22	LOW	25.50	25.02	25.01	24.76
	DFT_QAM16	1@1	LOW	24.00	23.77	23.78	23.37
	DFT_QAM64	1@1	LOW	22.50	22.32	22.12	22.28
	DFT_QAM256	1@1	LOW	20.50	20.42	20.15	20.27
	CP_QPSK	1@1	LOW	24.00	23.53	23.20	23.64
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	638334 3575.0MHz	641666 3625.0MHz	645000 3675.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.00	24.74	24.96	24.86
	DFT_QPSK	128@0	LOW	24.50	24.04	23.96	23.76
	DFT_QPSK	64@32	LOW	25.50	25.19	25.03	24.75
	DFT_QPSK	1@1	LOW	25.00	24.78	24.93	24.81
	DFT_QPSK	1@131	LOW	25.50	25.08	24.84	24.70
	DFT_QAM16	1@1	LOW	24.50	23.85	24.15	23.93
	DFT_QAM64	1@1	LOW	23.00	22.53	22.50	22.31
	DFT_QAM256	1@1	LOW	21.00	20.53	20.57	20.03
	CP_QPSK	1@1	LOW	24.00	23.41	23.89	23.32
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000 3600.0MHz	641666 3625.0MHz	641332 3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	25.00	24.64	24.79	24.86
	DFT_QPSK	128@0	LOW	24.50	24.01	23.90	23.89
	DFT_QPSK	64@32	LOW	25.50	25.07	25.01	24.89
	DFT_QPSK	1@1	LOW	25.50	24.62	24.83	25.01
	DFT_QPSK	1@131	LOW	25.00	24.75	24.54	24.70
	DFT_QAM16	1@1	LOW	24.50	23.63	23.88	24.07
	DFT_QAM64	1@1	LOW	23.00	22.24	22.88	22.34
	DFT_QAM256	1@1	LOW	21.00	20.41	20.49	20.58
	CP_QPSK	1@1	LOW	23.50	23.36	23.21	23.49

11.1.25 Conducted Power of NR n78(3700-3800)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000 3705.0MHz	650000 3750.0MHz	653000 3795.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	24.68	25.07	24.66
	DFT_QPSK	24@0	LOW	24.00	23.58	23.95	23.56
	DFT_QPSK	12@6	LOW	25.00	24.81	24.99	24.59
	DFT_QPSK	1@1	LOW	25.00	24.71	24.99	24.66
	DFT_QPSK	1@22	LOW	25.00	24.84	24.95	24.55
	DFT_QAM16	1@1	LOW	24.00	23.69	23.76	23.14
	DFT_QAM64	1@1	LOW	23.00	22.00	22.70	22.29
	DFT_QAM256	1@1	LOW	20.50	20.27	20.47	20.28
	CP_QPSK	1@1	LOW	24.00	23.76	23.34	23.79
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334 3725.0MHz	650000 3750.0MHz	651666 3775.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.00	24.63	24.89	24.87
	DFT_QPSK	128@0	LOW	24.50	23.98	24.03	23.87
	DFT_QPSK	64@32	LOW	25.50	25.07	25.07	24.93
	DFT_QPSK	1@1	LOW	25.50	25.25	25.04	24.93
	DFT_QPSK	1@131	LOW	26.00	25.59	24.93	24.68
	DFT_QAM16	1@1	LOW	24.50	23.54	24.04	23.75
	DFT_QAM64	1@1	LOW	23.00	22.67	22.30	22.24
	DFT_QAM256	1@1	LOW	20.50	20.01	20.32	20.11
	CP_QPSK	1@1	LOW	24.00	23.04	23.53	23.28
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000 3750.0MHz		
100MHz	DFT_BPSK	1@1	LOW	25.00		24.55	
	DFT_QPSK	270@0	LOW	24.00		23.85	
	DFT_QPSK	135@67	LOW	25.50		25.01	
	DFT_QPSK	1@1	LOW	24.50		24.47	
	DFT_QPSK	1@271	LOW	24.50		24.47	
	DFT_QAM16	1@1	LOW	24.00		23.66	
	DFT_QAM64	1@1	LOW	22.50		22.29	
	DFT_QAM256	1@1	LOW	20.50		20.36	
	CP_QPSK	1@1	LOW	23.50		23.42	

11.1.26 Conducted Power of Wi-Fi 2.4G

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	19.09	18.84	17.89
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	21.23	20.82	19.77
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	21.93	21.78	20.40
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2422)	6(2437)	11(2452)
Average Power(dBm)	22.51	22.03	21.76

11.1.27 Conducted Power of Wi-Fi 5G

Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	15.00	15.00	No
		48	5240	14.50	14.20	No
	802.11n-HT20	36	5180	16.00	15.92	Yes
		48	5240	15.50	15.09	No
	802.11n-HT40	38	5190	16.00	15.86	No
		46	5230	15.50	15.19	No
	802.11ac-VHT20	36	5180	15.00	14.82	No
		48	5240	14.50	14.07	No
	802.11ac-VHT40	38	5190	15.00	14.70	No
		46	5230	14.50	14.07	No
U-NII-2a (5250-5350)	802.11a	52	5260	14.50	14.13	No
		64	5320	14.00	13.81	No
	802.11n-HT20	52	5260	15.50	15.04	Yes
		64	5320	15.00	14.61	No
	802.11n-HT40	54	5270	15.00	14.53	No
		62	5310	14.50	14.38	No
	802.11ac-VHT20	52	5260	14.00	14.00	No
		64	5320	14.00	13.73	No
	802.11ac-VHT40	54	5270	13.50	13.45	No
		62	5310	13.50	13.32	No
U-NII-2c (5470-5725)	802.11a	58	5290	13.50	13.09	No
		100	5500	14.50	14.18	No
	802.11n-HT20	140	5700	15.00	14.65	No
		100	5500	15.00	14.89	No
	802.11n-HT40	140	5700	15.50	15.41	Yes
		102	5510	15.00	14.64	No
	802.11ac-VHT20	134	5670	15.50	15.35	No
		100	5500	14.50	14.11	No
	802.11ac-VHT40	140	5700	14.50	14.47	No
		102	5510	14.00	13.72	No
U-NII-3 (5725-5825)	802.11a	134	5670	14.50	14.38	No
		106	5530	13.50	13.42	No
	802.11ac-VHT80	122	5610	14.50	14.01	No
		149	5745	15.50	15.45	No
	802.11n-HT20	165	5825	15.50	15.16	No
		149	5745	16.50	16.19	No
	802.11n-HT40	165	5825	16.00	15.85	No
		151	5755	16.50	16.26	Yes
	802.11ac-VHT20	159	5795	16.50	16.22	No
		149	5745	15.50	15.35	No
U-NII-3 (5725-5825)	802.11ac-VHT40	165	5825	15.00	15.00	No
		151	5755	15.50	15.27	No
	802.11ac-VHT80	159	5795	15.50	15.26	No
		155	5775	15.00	14.91	No

11.1.28 Conducted Power of BT

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
	GFSK	7.00	6.98	3.80	4.44
	$\pi/4$ QPSK	6.00	5.97	2.82	3.15
	8DPSK	6.00	5.90	2.80	3.04
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
	1Mbps	-3.50	-3.64	-4.53	-5.74
	2Mbps	-3.00	-3.48	-4.54	-5.48
Channel	Frequency (GHz)	Max. Tune-up Power (dBm)	Max. Power (dBm)	Exclusion thresholds for 1-g SAR(dBm)	SAR evaluation required
0	2402	7.00	6.98	4.77	Yes
0	2402	-3.00	-3.48	4.77	No

Note-

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01, the 1-g SAR test exclusion thresholds for 300 MHz to 6 GHz at test separation distances ≤ 40 cm are determined by:

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B.2})$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).

*When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine estimated SAR.

- Per KDB 248227 D01 v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
- The output power of all data rate were prescan, just the worst case (the lowest data rate) of all mode were shown in report.

11.2 Tune-up power tolerance

Band	Tune-up power tolerance(dBm)	
GSM850	GSM/GPRS (GMSK)	GSM Max output power =33.50 ±1.0dBm
		1TXslots Max output power =33.50 ±1.0dBm
		2TXslots Max output power =32.50 ±1.0dBm
		3TXslots Max output power =30.50 ±1.0dBm
	EGPRS (8-PSK)	4TXslots Max output power =29.50 ±1.0dBm
		1TXslots Max output power =33.00 ±1.0dBm
		2TXslots Max output power =32.50 ±1.0dBm
		3TXslots Max output power =30.50 ±1.0dBm
GSM1900	GSM/GPRS (GMSK)	4TXslots Max output power =29.50 ±1.0dBm
		GSM Max output power =28.50 ±1.0dBm
		1TXslots Max output power =28.00 ±1.0dBm
		2TXslots Max output power =27.00 ±1.0dBm
	EGPRS (8-PSK)	3TXslots Max output power =25.00 ±1.0dBm
		4TXslots Max output power =23.50 ±1.0dBm
		1TXslots Max output power =24.50 ±1.0dBm
		2TXslots Max output power =23.50 ±1.0dBm
WCDMA 2		3TXslots Max output power =21.50 ±1.0dBm
WCDMA 4		4TXslots Max output power =20.50 ±1.0dBm
WCDMA 5		Max output power =24.00±1.0dBm
LTE B2		Max output power =24.00±1.0dBm
LTE B4		Max output power =24.50±1.0dBm
LTE B5		Max output power =24.50±1.0dBm
LTE B7		Max output power =23.50±1.0dBm
LTE B12		Max output power =24.50±1.0dBm
LTE B13		Max output power =24.00±1.0dBm
LTE B17		Max output power =24.50±1.0dBm
LTE B38		Max output power =24.00±1.0dBm
LTE B41		Max output power =24.00±1.0dBm
LTE B42		Max output power =21.50±1.0dBm
LTE B66		Max output power =24.50±1.0dBm
NR n5		Max output power =26.00±1.0dBm
NR n7		Max output power =25.00±1.0dBm
NR n12		Max output power =26.00±1.0dBm
NR n38		Max output power =25.50±1.0dBm
NR n41		Max output power =26.50±1.0dBm
NR n66		Max output power =25.00±1.0dBm
NR n77		Max output power =26.00±1.0dBm
NR n77		Max output power =25.50±1.0dBm
NR n77		Max output power =25.50±1.0dBm
NR n78		Max output power =26.00±1.0dBm
NR n78		Max output power =25.50±1.0dBm
NR n78		Max output power =26.00±1.0dBm

Band	Tune-up power tolerance(dBm)		
WIFI	2.4G	802.11b	Max output power =19.50±1.0dBm
		802.11g	Max output power =21.50±1.0dBm
		802.11n (HT20)	Max output power =22.00±1.0dBm
		802.11n (HT40)	Max output power =23.00±1.0dBm
		U-NII-1(5150-5250)	Max output power =16.00±1.0dBm
		U-NII-2a(5250-5350)	Max output power =15.50±1.0dBm
		U-NII-2c(5470-5725)	Max output power =15.50±1.0dBm
BT		U-NII-3(5725-5825)	Max output power =16.50±1.0dBm
		GFSK mode	Max output power =7.00±1.0dBm
		Pi/4DQPSK mode	Max output power =6.00±1.0dBm
		8DPSK mode	Max output power =6.00±1.0dBm
BLE		1Mbps Power	Max output power =-3.50±1.0dBm
		2Mbps Power	Max output power =-3.00±1.0dBm

11.3 SAR test results

Notes:

- 1) Per KDB447498, the SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the scaled SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit ($< 0.8 \text{ W/kg}$), testing at the high and low channels is optional.
- 2) Per KDB447498, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is: $\leq 0.8 \text{ W/kg}$ or 2.0 W/kg , for 1-g or 10-g respectively, when the transmission band is $\leq 100 \text{ MHz}$. When the maximum output power variation across the required test channels is $> \frac{1}{2} \text{ dB}$, instead of the middle channel, the highest output power channel must be used.
- 3) Per KDB447498, All measurement SAR result is scaled-up to account for tune-up tolerance is compliant.
- 4) Per KDB648474 D04v01r02, body-worn accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for body-worn with headset SAR.
- 5) Per KDB248227 D01v01r02, the procedures required to establish specific device operating configurations for testing the SAR of 802.11 a/b/g transmitters.
 - (1) For Headsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is $\leq 0.4 \text{ W/kg}$, SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is $\leq 0.8 \text{ W/kg}$ or all test positions are measured.
 - (2) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is $\leq 0.8 \text{ W/kg}$, no further SAR testing is required. Otherwise, SAR is evaluated at the next highest measured output power channel. When any reported SAR is $> 1.2 \text{ W/kg}$, SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is $\leq 1.2 \text{ W/kg}$.

(3) For WLAN 5 GHz, the initial test configuration was selected according to the transmission mode with the highest maximum output power. When the reported SAR of initial test configuration is > 0.8 W/kg, SAR is required for the subsequent highest measured output power channel until the reported SAR result is ≤ 1.2 W/kg or all required channels are measured. For other transmission modes, SAR is not required when the highest reported SAR for initial test configuration is adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power and it is ≤ 1.2 W/kg.

6) Per KDB865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/Kg; if the deviation among the repeated measurement is $\leq 20\%$, and the measured SAR < 1.45 W/Kg, only one repeated measurement is required.

7) Per KDB865664 D02v01r01, SAR plot is only required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination; Plots are also required when the measured SAR is > 1.5 W/kg, or > 7.0 W/kg for occupational exposure. The published RF exposure KDB procedures may require additional plots; for example, to support SAR to peak location separation ratio test exclusion and/or volume scan post-processing (Refer to appendix B for details).

8) Per KDB941225 D06v01r01, the DUT Dimension is bigger than 9 cm x 5 cm, so 10mm is chosen as the test separation distance for Hotspot mode. When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

9) Per KDB 941225 D01, 3G SAR Measurement Procedures, The mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/4$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

10) Per KDB 941225 D05, SAR Evaluation Considerations for LTE Devices

(1) QPSK with 1 RB and 50% RB allocation

Start with the largest channel bandwidth and measure SAR, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

(2) QPSK with 100% RB allocation

SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be

tested.

(3) Higher order modulations

SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> 1/2$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

(4) Other channel bandwidth

SAR is required when the highest maximum output power of the smaller channel bandwidth is $> 1/2$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

11.4 Test Result

11.4.1 Results overview of GSM

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 850 (voice)	Left Cheek	190	836.6	0.190	0.115	100	1.00	33.03	33.50	1.114	0.128
	Left Tilt	190	836.6	0.180	0.071	100	1.00	33.03	33.50	1.114	0.079
	Right Cheek	190	836.6	-0.060	0.152	100	1.00	33.03	33.50	1.114	0.169
	Right Tilt	190	836.6	-0.090	0.093	100	1.00	33.03	33.50	1.114	0.104
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 850+4slots	Front	190	836.6	0.010	0.312	100	1.00	33.03	33.50	1.114	0.348
	Back	190	836.6	-0.090	0.445	100	1.00	33.03	33.50	1.114	0.496
	Left	190	836.6	0.020	0.294	100	1.00	33.03	33.50	1.114	0.328
	Right	190	836.6	0.090	0.227	100	1.00	33.03	33.50	1.114	0.253
	Top	190	836.6	-0.060	0.013	100	1.00	33.03	33.50	1.114	0.014
	Bottom	190	836.6	0.020	0.281	100	1.00	33.03	33.50	1.114	0.313

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 1900 (voice)	Left Cheek	810	1909.8	0.110	0.121	100	1.00	28.04	28.50	1.112	0.135
	Left Tilt	810	1909.8	-0.090	0.244	100	1.00	28.04	28.50	1.112	0.271
	Right Cheek	810	1909.8	0.140	0.266	100	1.00	28.04	28.50	1.112	0.296
	Right Tilt	810	1909.8	-0.130	0.452	100	1.00	28.04	28.50	1.112	0.503
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 1900+4slots	Front	810	1909.8	0.050	0.393	100	1.00	28.04	28.50	1.112	0.437
	Back	810	1909.8	0.120	0.465	100	1.00	28.04	28.50	1.112	0.517
	Left	810	1909.8	0.120	0.310	100	1.00	28.04	28.50	1.112	0.345
	Right	810	1909.8	-0.050	0.214	100	1.00	28.04	28.50	1.112	0.238
	Top	810	1909.8	-0.110	0.010	100	1.00	28.04	28.50	1.112	0.011
	Bottom	810	1909.8	0.070	0.268	100	1.00	28.04	28.50	1.112	0.298

11.4.2 Results overview of WCDMA

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Left Cheek	9538	1907.6	-0.170	0.158	100	1.00	23.90	24.00	1.023	0.162
	Left Tilt	9538	1907.6	0.030	0.237	100	1.00	23.90	24.00	1.023	0.243
	Right Cheek	9538	1907.6	0.090	0.298	100	1.00	23.90	24.00	1.023	0.305
	Right Tilt	9538	1907.6	-0.010	0.415	100	1.00	23.90	24.00	1.023	0.425
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Front	9538	1907.6	-0.150	0.158	100	1.00	23.90	24.00	1.023	0.162
	Back	9538	1907.6	-0.080	0.260	100	1.00	23.90	24.00	1.023	0.266
	Left	9538	1907.6	-0.020	0.140	100	1.00	23.90	24.00	1.023	0.143
	Right	9538	1907.6	-0.180	0.089	100	1.00	23.90	24.00	1.023	0.091
	Top	9538	1907.6	0.190	0.125	100	1.00	23.90	24.00	1.023	0.128
	Bottom	9538	1907.6	-0.090	0.006	100	1.00	23.90	24.00	1.023	0.006

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Left Cheek	1312	1712.4	0.030	0.177	100	1.00	23.96	24.00	1.009	0.179
	Left Tilt	1312	1712.4	0.020	0.251	100	1.00	23.96	24.00	1.009	0.253
	Right Cheek	1312	1712.4	0.150	0.266	100	1.00	23.96	24.00	1.009	0.268
	Right Tilt	1312	1712.4	-0.030	0.475	100	1.00	23.96	24.00	1.009	0.479
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Front	1312	1712.4	0.090	0.089	100	1.00	23.96	24.00	1.009	0.090
	Back	1312	1712.4	-0.040	0.107	100	1.00	23.96	24.00	1.009	0.108
	Left	1312	1712.4	0.060	0.076	100	1.00	23.96	24.00	1.009	0.077
	Right	1312	1712.4	-0.120	0.047	100	1.00	23.96	24.00	1.009	0.047
	Top	1312	1712.4	0.090	0.069	100	1.00	23.96	24.00	1.009	0.070
	Bottom	1312	1712.4	0.100	0.004	100	1.00	23.96	24.00	1.009	0.004

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Left Cheek	4132	826.4	0.060	0.076	100	1.00	24.22	24.50	1.067	0.081
	Left Tilt	4132	826.4	0.190	0.037	100	1.00	24.22	24.50	1.067	0.039
	Right Cheek	4132	826.4	-0.060	0.081	100	1.00	24.22	24.50	1.067	0.086
	Right Tilt	4132	826.4	0.120	0.042	100	1.00	24.22	24.50	1.067	0.045
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Front	4132	826.4	0.110	0.103	100	1.00	24.22	24.50	1.067	0.110
	Back	4132	826.4	-0.050	0.147	100	1.00	24.22	24.50	1.067	0.157
	Left	4132	826.4	0.150	0.060	100	1.00	24.22	24.50	1.067	0.064
	Right	4132	826.4	-0.040	0.098	100	1.00	24.22	24.50	1.067	0.105
	Top	4132	826.4	-0.150	0.004	100	1.00	24.22	24.50	1.067	0.004
	Bottom	4132	826.4	0.120	0.091	100	1.00	24.22	24.50	1.067	0.097

11.4.3 Results overview of LTE

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Left Cheek	19125	1902.5	0.050	0.110	100	1.00	23.37	23.50	1.030	0.113
		Left Tilt	19125	1902.5	-0.120	0.231	100	1.00	23.37	23.50	1.030	0.238
		Right Cheek	19125	1902.5	0.020	0.221	100	1.00	23.37	23.50	1.030	0.228
		Right Tilt	19125	1902.5	-0.030	0.438	100	1.00	23.37	23.50	1.030	0.451
	50%RB	Left Cheek	19125	1902.5	0.100	0.093	100	1.00	23.37	23.50	1.030	0.096
		Left Tilt	19125	1902.5	0.040	0.188	100	1.00	23.37	23.50	1.030	0.194
		Right Cheek	19125	1902.5	0.010	0.174	100	1.00	23.37	23.50	1.030	0.179
		Right Tilt	19125	1902.5	-0.010	0.348	100	1.00	23.37	23.50	1.030	0.359
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Front	19125	1902.5	-0.020	0.062	100	1.00	23.37	23.50	1.030	0.064
		Back	19125	1902.5	-0.100	0.085	100	1.00	23.37	23.50	1.030	0.088
		Left	19125	1902.5	0.120	0.057	100	1.00	23.37	23.50	1.030	0.059
		Right	19125	1902.5	-0.160	0.039	100	1.00	23.37	23.50	1.030	0.040
		Top	19125	1902.5	-0.010	0.060	100	1.00	23.37	23.50	1.030	0.062
		Bottom	19125	1902.5	0.020	0.002	100	1.00	23.37	23.50	1.030	0.002
	50%RB	Front	19125	1902.5	0.070	0.051	100	1.00	23.37	23.50	1.030	0.053
		Back	19125	1902.5	-0.030	0.069	100	1.00	23.37	23.50	1.030	0.071
		Left	19125	1902.5	-0.120	0.048	100	1.00	23.37	23.50	1.030	0.049
		Right	19125	1902.5	-0.140	0.031	100	1.00	23.37	23.50	1.030	0.032
		Top	19125	1902.5	0.100	0.049	100	1.00	23.37	23.50	1.030	0.050
		Bottom	19125	1902.5	0.070	0.002	100	1.00	23.37	23.50	1.030	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Left Cheek	20325	1747.5	0.180	0.163	100	1.00	24.12	24.50	1.091	0.178
		Left Tilt	20325	1747.5	0.090	0.311	100	1.00	24.12	24.50	1.091	0.339
		Right Cheek	20325	1747.5	-0.120	0.301	100	1.00	24.12	24.50	1.091	0.329
		Right Tilt	20325	1747.5	-0.030	0.544	100	1.00	24.12	24.50	1.091	0.594
	50%RB	Left Cheek	20325	1747.5	-0.150	0.137	100	1.00	24.12	24.50	1.091	0.150
		Left Tilt	20325	1747.5	0.080	0.265	100	1.00	24.12	24.50	1.091	0.289
		Right Cheek	20325	1747.5	0.180	0.246	100	1.00	24.12	24.50	1.091	0.268
		Right Tilt	20325	1747.5	-0.050	0.456	100	1.00	24.12	24.50	1.091	0.498
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Front	20325	1747.5	-0.160	0.105	100	1.00	24.12	24.50	1.091	0.115
		Back	20325	1747.5	-0.100	0.147	100	1.00	24.12	24.50	1.091	0.160
		Left	20325	1747.5	0.040	0.099	100	1.00	24.12	24.50	1.091	0.108
		Right	20325	1747.5	-0.030	0.069	100	1.00	24.12	24.50	1.091	0.075
		Top	20325	1747.5	0.120	0.098	100	1.00	24.12	24.50	1.091	0.107
		Bottom	20325	1747.5	-0.070	0.004	100	1.00	24.12	24.50	1.091	0.004
	50%RB	Front	20325	1747.5	-0.040	0.088	100	1.00	24.12	24.50	1.091	0.096
		Back	20325	1747.5	0.100	0.116	100	1.00	24.12	24.50	1.091	0.127
		Left	20325	1747.5	0.100	0.084	100	1.00	24.12	24.50	1.091	0.092
		Right	20325	1747.5	-0.090	0.055	100	1.00	24.12	24.50	1.091	0.060
		Top	20325	1747.5	-0.160	0.078	100	1.00	24.12	24.50	1.091	0.085
		Bottom	20325	1747.5	0.110	0.003	100	1.00	24.12	24.50	1.091	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 5 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	-0.160	0.101	100	1.00	24.39	24.50	1.026	0.104
		Left Tilt	20525	836.5	0.140	0.053	100	1.00	24.39	24.50	1.026	0.054
		Right Cheek	20525	836.5	-0.110	0.111	100	1.00	24.39	24.50	1.026	0.114
		Right Tilt	20525	836.5	0.110	0.055	100	1.00	24.39	24.50	1.026	0.056
	50%RB	Left Cheek	20525	836.5	0.110	0.086	100	1.00	24.39	24.50	1.026	0.088
		Left Tilt	20525	836.5	-0.190	0.045	100	1.00	24.39	24.50	1.026	0.046
		Right Cheek	20525	836.5	-0.140	0.094	100	1.00	24.39	24.50	1.026	0.096
		Right Tilt	20525	836.5	0.170	0.047	100	1.00	24.39	24.50	1.026	0.048
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 5 (BW: 10MHz)	1RB	Front	20525	836.5	0.150	0.157	100	1.00	24.39	24.50	1.026	0.161
		Back	20525	836.5	-0.070	0.209	100	1.00	24.39	24.50	1.026	0.214
		Left	20525	836.5	0.070	0.138	100	1.00	24.39	24.50	1.026	0.142
		Right	20525	836.5	0.040	0.082	100	1.00	24.39	24.50	1.026	0.084
		Top	20525	836.5	0.080	0.142	100	1.00	24.39	24.50	1.026	0.146
		Bottom	20525	836.5	0.020	0.006	100	1.00	24.39	24.50	1.026	0.006
	50%RB	Front	20525	836.5	-0.120	0.133	100	1.00	24.39	24.50	1.026	0.136
		Back	20525	836.5	0.040	0.178	100	1.00	24.39	24.50	1.026	0.183
		Left	20525	836.5	-0.040	0.117	100	1.00	24.39	24.50	1.026	0.120
		Right	20525	836.5	0.050	0.070	100	1.00	24.39	24.50	1.026	0.072
		Top	20525	836.5	0.070	0.121	100	1.00	24.39	24.50	1.026	0.124
		Bottom	20525	836.5	-0.040	0.005	100	1.00	24.39	24.50	1.026	0.005

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 7 (BW: 20MHz)	1RB	Left Cheek	21350	2560.0	0.120	0.117	100	1.00	23.34	23.50	1.038	0.121
		Left Tilt	21350	2560.0	-0.050	0.198	100	1.00	23.34	23.50	1.038	0.205
		Right Cheek	21350	2560.0	-0.040	0.272	100	1.00	23.34	23.50	1.038	0.282
		Right Tilt	21350	2560.0	0.040	0.470	100	1.00	23.34	23.50	1.038	0.488
	50%RB	Left Cheek	21350	2560.0	0.100	0.099	100	1.00	23.34	23.50	1.038	0.103
		Left Tilt	21350	2560.0	0.010	0.170	100	1.00	23.34	23.50	1.038	0.176
		Right Cheek	21350	2560.0	0.120	0.216	100	1.00	23.34	23.50	1.038	0.224
		Right Tilt	21350	2560.0	-0.180	0.376	100	1.00	23.34	23.50	1.038	0.390
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 7 (BW: 20MHz)	1RB	Front	21350	2560.0	-0.180	0.048	100	1.00	23.34	23.50	1.038	0.050
		Back	21350	2560.0	-0.100	0.067	100	1.00	23.34	23.50	1.038	0.070
		Left	21350	2560.0	-0.010	0.025	100	1.00	23.34	23.50	1.038	0.026
		Right	21350	2560.0	0.140	0.048	100	1.00	23.34	23.50	1.038	0.050
		Top	21350	2560.0	0.190	0.045	100	1.00	23.34	23.50	1.038	0.047
		Bottom	21350	2560.0	-0.170	0.002	100	1.00	23.34	23.50	1.038	0.002
	50%RB	Front	21350	2560.0	0.170	0.039	100	1.00	23.34	23.50	1.038	0.040
		Back	21350	2560.0	0.000	0.056	100	1.00	23.34	23.50	1.038	0.058
		Left	21350	2560.0	-0.070	0.020	100	1.00	23.34	23.50	1.038	0.021
		Right	21350	2560.0	0.120	0.041	100	1.00	23.34	23.50	1.038	0.043
		Top	21350	2560.0	0.020	0.035	100	1.00	23.34	23.50	1.038	0.036
		Bottom	21350	2560.0	0.050	0.002	100	1.00	23.34	23.50	1.038	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 12 (BW: 10MHz)	1RB	Left Cheek	23130	711.0	0.070	0.047	100	1.00	24.28	24.50	1.052	0.049
		Left Tilt	23130	711.0	-0.120	0.017	100	1.00	24.28	24.50	1.052	0.018
		Right Cheek	23130	711.0	0.160	0.052	100	1.00	24.28	24.50	1.052	0.055
		Right Tilt	23130	711.0	0.190	0.029	100	1.00	24.28	24.50	1.052	0.031
	50%RB	Left Cheek	23130	711.0	0.130	0.038	100	1.00	24.28	24.50	1.052	0.040
		Left Tilt	23130	711.0	-0.170	0.014	100	1.00	24.28	24.50	1.052	0.015
		Right Cheek	23130	711.0	0.190	0.042	100	1.00	24.28	24.50	1.052	0.044
		Right Tilt	23130	711.0	0.200	0.023	100	1.00	24.28	24.50	1.052	0.024
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 12 (BW: 10MHz)	1RB	Front	23130	711.0	0.160	0.074	100	1.00	24.28	24.50	1.052	0.078
		Back	23130	711.0	-0.070	0.106	100	1.00	24.28	24.50	1.052	0.112
		Left	23130	711.0	0.090	0.047	100	1.00	24.28	24.50	1.052	0.049
		Right	23130	711.0	0.080	0.071	100	1.00	24.28	24.50	1.052	0.075
		Top	23130	711.0	0.100	0.003	100	1.00	24.28	24.50	1.052	0.003
		Bottom	23130	711.0	0.170	0.064	100	1.00	24.28	24.50	1.052	0.067
	50%RB	Front	23130	711.0	-0.030	0.060	100	1.00	24.28	24.50	1.052	0.063
		Back	23130	711.0	-0.180	0.086	100	1.00	24.28	24.50	1.052	0.090
		Left	23130	711.0	0.020	0.038	100	1.00	24.28	24.50	1.052	0.040
		Right	23130	711.0	0.020	0.058	100	1.00	24.28	24.50	1.052	0.061
		Top	23130	711.0	0.070	0.002	100	1.00	24.28	24.50	1.052	0.002
		Bottom	23130	711.0	0.110	0.052	100	1.00	24.28	24.50	1.052	0.055

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 13 (BW: 10MHz)	1RB	Left Cheek	23255	784.5	0.15	0.039	100	1.00	23.59	24.00	1.099	0.043
		Left Tilt	23255	784.5	-0.11	0.016	100	1.00	23.59	24.00	1.099	0.018
		Right Cheek	23255	784.5	-0.15	0.032	100	1.00	23.59	24.00	1.099	0.035
		Right Tilt	23255	784.5	0.12	0.013	100	1.00	23.59	24.00	1.099	0.014
	50%RB	Left Cheek	23255	784.5	0.16	0.032	100	1.00	23.59	24.00	1.099	0.035
		Left Tilt	23255	784.5	-0.04	0.012	100	1.00	23.59	24.00	1.099	0.013
		Right Cheek	23255	784.5	0.04	0.026	100	1.00	23.59	24.00	1.099	0.029
		Right Tilt	23255	784.5	0.02	0.011	100	1.00	23.59	24.00	1.099	0.012
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 13 (BW: 10MHz)	1RB	Front	23255	784.5	0.06	0.142	100	1.00	23.59	24.00	1.099	0.156
		Back	23255	784.5	-0.01	0.195	100	1.00	23.59	24.00	1.099	0.214
		Left	23255	784.5	0.14	0.063	100	1.00	23.59	24.00	1.099	0.069
		Right	23255	784.5	0.13	0.142	100	1.00	23.59	24.00	1.099	0.156
		Top	23255	784.5	-0.01	0.005	100	1.00	23.59	24.00	1.099	0.005
		Bottom	23255	784.5	0.16	0.123	100	1.00	23.59	24.00	1.099	0.135
	50%RB	Front	23255	784.5	0.06	0.107	100	1.00	23.59	24.00	1.099	0.118
		Back	23255	784.5	0.08	0.167	100	1.00	23.59	24.00	1.099	0.184
		Left	23255	784.5	-0.07	0.055	100	1.00	23.59	24.00	1.099	0.060
		Right	23255	784.5	-0.11	0.121	100	1.00	23.59	24.00	1.099	0.133
		Top	23255	784.5	-0.17	0.004	100	1.00	23.59	24.00	1.099	0.004
		Bottom	23255	784.5	0.15	0.107	100	1.00	23.59	24.00	1.099	0.118

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 17 (BW: 10MHz)	1RB	Left Cheek	23825	713.5	0.05	0.053	100	1.00	24.35	24.50	1.035	0.055
		Left Tilt	23825	713.5	0.03	0.024	100	1.00	24.35	24.50	1.035	0.025
		Right Cheek	23825	713.5	0.17	0.054	100	1.00	24.35	24.50	1.035	0.056
		Right Tilt	23825	713.5	0.19	0.028	100	1.00	24.35	24.50	1.035	0.029
	50%RB	Left Cheek	23825	713.5	-0.08	0.045	100	1.00	24.35	24.50	1.035	0.047
		Left Tilt	23825	713.5	0.19	0.019	100	1.00	24.35	24.50	1.035	0.020
		Right Cheek	23825	713.5	-0.08	0.044	100	1.00	24.35	24.50	1.035	0.046
		Right Tilt	23825	713.5	0.06	0.023	100	1.00	24.35	24.50	1.035	0.024
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 17 (BW: 10MHz)	1RB	Front	23825	713.5	-0.18	0.086	100	1.00	24.35	24.50	1.035	0.089
		Back	23825	713.5	-0.08	0.123	100	1.00	24.35	24.50	1.035	0.127
		Left	23825	713.5	-0.09	0.049	100	1.00	24.35	24.50	1.035	0.051
		Right	23825	713.5	0.00	0.084	100	1.00	24.35	24.50	1.035	0.087
		Top	23825	713.5	-0.16	0.004	100	1.00	24.35	24.50	1.035	0.004
		Bottom	23825	713.5	-0.14	0.083	100	1.00	24.35	24.50	1.035	0.086
	50%RB	Front	23825	713.5	0.12	0.069	100	1.00	24.35	24.50	1.035	0.071
		Back	23825	713.5	-0.06	0.104	100	1.00	24.35	24.50	1.035	0.108
		Left	23825	713.5	-0.01	0.041	100	1.00	24.35	24.50	1.035	0.042
		Right	23825	713.5	0.19	0.066	100	1.00	24.35	24.50	1.035	0.068
		Top	23825	713.5	0.05	0.003	100	1.00	24.35	24.50	1.035	0.003
		Bottom	23825	713.5	-0.07	0.063	100	1.00	24.35	24.50	1.035	0.065

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 38 (BW: 20MHz)	1RB	Left Cheek	37775	2572.5	0.030	0.073	100	1.00	23.62	24.00	1.091	0.080
		Left Tilt	37775	2572.5	-0.150	0.154	100	1.00	23.62	24.00	1.091	0.168
		Right Cheek	37775	2572.5	0.020	0.210	100	1.00	23.62	24.00	1.091	0.229
		Right Tilt	37775	2572.5	0.010	0.410	100	1.00	23.62	24.00	1.091	0.447
	50%RB	Left Cheek	37775	2572.5	0.070	0.059	100	1.00	23.62	24.00	1.091	0.064
		Left Tilt	37775	2572.5	0.150	0.124	100	1.00	23.62	24.00	1.091	0.135
		Right Cheek	37775	2572.5	0.000	0.166	100	1.00	23.62	24.00	1.091	0.181
		Right Tilt	37775	2572.5	0.010	0.331	100	1.00	23.62	24.00	1.091	0.361
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 38 (BW: 20MHz)	1RB	Front	37775	2572.5	-0.090	0.034	100	1.00	23.62	24.00	1.091	0.037
		Back	37775	2572.5	-0.190	0.046	100	1.00	23.62	24.00	1.091	0.050
		Left	37775	2572.5	-0.070	0.031	100	1.00	23.62	24.00	1.091	0.034
		Right	37775	2572.5	0.080	0.013	100	1.00	23.62	24.00	1.091	0.014
		Top	37775	2572.5	0.030	0.025	100	1.00	23.62	24.00	1.091	0.027
		Bottom	37775	2572.5	-0.050	0.001	100	1.00	23.62	24.00	1.091	0.001
	50%RB	Front	37775	2572.5	-0.060	0.027	100	1.00	23.62	24.00	1.091	0.029
		Back	37775	2572.5	-0.130	0.039	100	1.00	23.62	24.00	1.091	0.043
		Left	37775	2572.5	0.010	0.025	100	1.00	23.62	24.00	1.091	0.027
		Right	37775	2572.5	0.030	0.011	100	1.00	23.62	24.00	1.091	0.012
		Top	37775	2572.5	-0.130	0.020	100	1.00	23.62	24.00	1.091	0.022
		Bottom	37775	2572.5	-0.050	0.001	100	1.00	23.62	24.00	1.091	0.001

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	0.090	0.108	100	1.00	23.61	24.00	1.094	0.118
		Left Tilt	40620	2593.0	-0.120	0.169	100	1.00	23.61	24.00	1.094	0.185
		Right Cheek	40620	2593.0	0.020	0.130	100	1.00	23.61	24.00	1.094	0.142
		Right Tilt	40620	2593.0	0.190	0.437	100	1.00	23.61	24.00	1.094	0.478
		Left Cheek	39750	2506.0	0.020	0.411	100	1.00	23.61	24.00	1.094	0.450
		Left Cheek	40185	2549.5	0.010	0.408	100	1.00	23.61	24.00	1.094	0.446
		Left Cheek	41055	2636.5	0.020	0.526	100	1.00	23.61	24.00	1.094	0.575
		Left Cheek	41490	2680.0	-0.010	0.566	100	1.00	23.61	24.00	1.094	0.619
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	1RB	Front	40620	2593.0	0.030	0.033	100	1.00	23.61	24.00	1.094	0.036
		Back	40620	2593.0	-0.190	0.046	100	1.00	23.61	24.00	1.094	0.050
		Left	40620	2593.0	-0.030	0.015	100	1.00	23.61	24.00	1.094	0.016
		Right	40620	2593.0	-0.010	0.031	100	1.00	23.61	24.00	1.094	0.034
		Top	40620	2593.0	0.060	0.028	100	1.00	23.61	24.00	1.094	0.031
		Bottom	40620	2593.0	0.020	0.001	100	1.00	23.61	24.00	1.094	0.001
		Back	39750	2506.0	-0.180	0.025	100	1.00	23.61	24.00	1.094	0.027
		Back	40185	2549.5	-0.120	0.025	100	1.00	23.61	24.00	1.094	0.027
		Back	41055	2636.5	-0.190	0.039	100	1.00	23.61	24.00	1.094	0.043
		Back	41490	2680.0	-0.100	0.056	100	1.00	23.61	24.00	1.094	0.061

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	50%RB	Left Cheek	40620	2593.0	0.001	0.091	100	1.00	23.61	24.00	1.094	0.100
		Left Tilt	40620	2593.0	-0.140	0.135	100	1.00	23.61	24.00	1.094	0.148
		Right Cheek	40620	2593.0	0.190	0.102	100	1.00	23.61	24.00	1.094	0.112
		Right Tilt	40620	2593.0	0.090	0.350	100	1.00	23.61	24.00	1.094	0.383
		Left Cheek	39750	2506.0	0.130	0.339	100	1.00	23.61	24.00	1.094	0.371
		Left Cheek	40185	2549.5	0.110	0.335	100	1.00	23.61	24.00	1.094	0.366
		Left Cheek	41055	2636.5	0.140	0.448	100	1.00	23.61	24.00	1.094	0.490
		Left Cheek	41490	2680.0	0.080	0.455	100	1.00	23.61	24.00	1.094	0.498
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	50%RB	Front	40620	2593.0	-0.170	0.027	100	1.00	23.61	24.00	1.094	0.030
		Back	40620	2593.0	-0.080	0.037	100	1.00	23.61	24.00	1.094	0.040
		Left	40620	2593.0	-0.040	0.013	100	1.00	23.61	24.00	1.094	0.014
		Right	40620	2593.0	-0.060	0.026	100	1.00	23.61	24.00	1.094	0.028
		Top	40620	2593.0	0.001	0.023	100	1.00	23.61	24.00	1.094	0.025
		Bottom	40620	2593.0	0.130	0.001	100	1.00	23.61	24.00	1.094	0.001
		Back	39750	2506.0	0.000	0.021	100	1.00	23.61	24.00	1.094	0.023
		Back	40185	2549.5	-0.030	0.020	100	1.00	23.61	24.00	1.094	0.022
		Back	41055	2636.5	-0.010	0.033	100	1.00	23.61	24.00	1.094	0.036
		Back	41490	2680.0	0.110	0.047	100	1.00	23.61	24.00	1.094	0.051

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 42 (BW: 20MHz)	1RB	Left Cheek	42590	3500.0	0.040	0.154	100	1.00	21.46	21.50	1.009	0.155
		Left Tilt	42590	3500.0	-0.120	0.372	100	1.00	21.46	21.50	1.009	0.375
		Right Cheek	42590	3500.0	0.010	0.115	100	1.00	21.46	21.50	1.009	0.116
		Right Tilt	42590	3500.0	0.090	0.191	100	1.00	21.46	21.50	1.009	0.193
	50%RB	Left Cheek	42590	3500.0	0.110	0.122	100	1.00	21.46	21.50	1.009	0.123
		Left Tilt	42590	3500.0	0.100	0.309	100	1.00	21.46	21.50	1.009	0.312
		Right Cheek	42590	3500.0	-0.130	0.093	100	1.00	21.46	21.50	1.009	0.094
		Right Tilt	42590	3500.0	0.180	0.153	100	1.00	21.46	21.50	1.009	0.154
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 42 (BW: 20MHz)	1RB	Front	42590	3500.0	-0.090	0.080	100	1.00	21.46	21.50	1.009	0.081
		Back	42590	3500.0	0.190	0.092	100	1.00	21.46	21.50	1.009	0.093
		Left	42590	3500.0	0.120	0.041	100	1.00	21.46	21.50	1.009	0.041
		Right	42590	3500.0	-0.100	0.062	100	1.00	21.46	21.50	1.009	0.063
		Top	42590	3500.0	-0.080	0.066	100	1.00	21.46	21.50	1.009	0.067
		Bottom	42590	3500.0	0.030	0.002	100	1.00	21.46	21.50	1.009	0.002
	50%RB	Front	42590	3500.0	0.170	0.065	100	1.00	21.46	21.50	1.009	0.066
		Back	42590	3500.0	-0.160	0.072	100	1.00	21.46	21.50	1.009	0.073
		Left	42590	3500.0	0.140	0.035	100	1.00	21.46	21.50	1.009	0.035
		Right	42590	3500.0	0.010	0.049	100	1.00	21.46	21.50	1.009	0.049
		Top	42590	3500.0	0.060	0.052	100	1.00	21.46	21.50	1.009	0.052
		Bottom	42590	3500.0	0.030	0.002	100	1.00	21.46	21.50	1.009	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 66 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	-0.110	0.375	100	1.00	24.34	24.50	1.038	0.389
		Left Tilt	132322	1745.0	0.050	0.618	100	1.00	24.34	24.50	1.038	0.641
		Right Cheek	132322	1745.0	0.120	0.440	100	1.00	24.34	24.50	1.038	0.457
		Right Tilt	132322	1745.0	-0.070	0.685	100	1.00	24.34	24.50	1.038	0.711
	50%RB	Left Cheek	132322	1745.0	0.001	0.319	100	1.00	24.34	24.50	1.038	0.331
		Left Tilt	132322	1745.0	0.080	0.513	100	1.00	24.34	24.50	1.038	0.532
		Right Cheek	132322	1745.0	-0.090	0.347	100	1.00	24.34	24.50	1.038	0.360
		Right Tilt	132322	1745.0	-0.080	0.549	100	1.00	24.34	24.50	1.038	0.570
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 66 (BW: 20MHz)	1RB	Front	132322	1745.0	-0.010	0.077	100	1.00	24.34	24.50	1.038	0.080
		Back	132322	1745.0	-0.040	0.108	100	1.00	24.34	24.50	1.038	0.112
		Left	132322	1745.0	-0.080	0.070	100	1.00	24.34	24.50	1.038	0.073
		Right	132322	1745.0	0.130	0.052	100	1.00	24.34	24.50	1.038	0.054
		Top	132322	1745.0	-0.110	0.073	100	1.00	24.34	24.50	1.038	0.076
		Bottom	132322	1745.0	-0.050	0.005	100	1.00	24.34	24.50	1.038	0.005
	50%RB	Front	132322	1745.0	-0.020	0.063	100	1.00	24.34	24.50	1.038	0.065
		Back	132322	1745.0	-0.170	0.093	100	1.00	24.34	24.50	1.038	0.096
		Left	132322	1745.0	-0.170	0.059	100	1.00	24.34	24.50	1.038	0.061
		Right	132322	1745.0	0.130	0.044	100	1.00	24.34	24.50	1.038	0.046
		Top	132322	1745.0	0.130	0.061	100	1.00	24.34	24.50	1.038	0.063
		Bottom	132322	1745.0	0.140	0.004	100	1.00	24.34	24.50	1.038	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n5 (BW: 20MHz)	1RB	Left Cheek	168800	844.0	0.120	0.135	100	1.00	25.60	26.00	1.096	0.148
		Left Tilt	168800	844.0	0.190	0.057	100	1.00	25.60	26.00	1.096	0.062
		Right Cheek	168800	844.0	0.040	0.137	100	1.00	25.60	26.00	1.096	0.150
		Right Tilt	168800	844.0	-0.050	0.072	100	1.00	25.60	26.00	1.096	0.079
	50%RB	Left Cheek	168800	844.0	-0.050	0.129	100	1.00	25.60	26.00	1.096	0.141
		Left Tilt	168800	844.0	0.010	0.050	100	1.00	25.60	26.00	1.096	0.055
		Right Cheek	168800	844.0	0.150	0.135	100	1.00	25.60	26.00	1.096	0.148
		Right Tilt	168800	844.0	0.030	0.070	100	1.00	25.60	26.00	1.096	0.077
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n5 (BW: 20MHz)	1RB	Front	168800	844.0	0.050	0.279	100	1.00	25.60	26.00	1.096	0.306
		Back	168800	844.0	-0.030	0.333	100	1.00	25.60	26.00	1.096	0.365
		Left	168800	844.0	0.050	0.162	100	1.00	25.60	26.00	1.096	0.178
		Right	168800	844.0	-0.160	0.139	100	1.00	25.60	26.00	1.096	0.152
		Top	168800	844.0	-0.040	0.081	100	1.00	25.60	26.00	1.096	0.089
		Bottom	168800	844.0	-0.040	0.198	100	1.00	25.60	26.00	1.096	0.217
	50%RB	Front	168800	844.0	0.030	0.268	100	1.00	25.60	26.00	1.096	0.294
		Back	168800	844.0	-0.170	0.327	100	1.00	25.60	26.00	1.096	0.359
		Left	168800	844.0	0.050	0.159	100	1.00	25.60	26.00	1.096	0.174
		167300	168800	844.0	-0.070	0.136	100	1.00	25.60	26.00	1.096	0.149
		167300	168800	844.0	0.130	0.085	100	1.00	25.60	26.00	1.096	0.093
		167300	168800	844.0	0.050	0.206	100	1.00	25.60	26.00	1.096	0.226

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n7 (BW: 20MHz)	1RB	Left Cheek	512000	2562.5	0.090	0.108	100	1.00	24.62	25.00	1.091	0.118
		Left Tilt	512000	2562.5	0.070	0.198	100	1.00	24.62	25.00	1.091	0.216
		Right Cheek	512000	2562.5	0.020	0.268	100	1.00	24.62	25.00	1.091	0.293
		Right Tilt	512000	2562.5	-0.120	0.593	100	1.00	24.62	25.00	1.091	0.647
	50%RB	Left Cheek	512000	2562.5	-0.080	0.091	100	1.00	24.62	25.00	1.091	0.099
		Left Tilt	512000	2562.5	0.150	0.155	100	1.00	24.62	25.00	1.091	0.169
		Right Cheek	512000	2562.5	-0.160	0.220	100	1.00	24.62	25.00	1.091	0.240
		Right Tilt	512000	2562.5	0.030	0.487	100	1.00	24.62	25.00	1.091	0.532
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n7 (BW: 20MHz)	1RB	Front	512000	2562.5	-0.120	0.047	100	1.00	24.62	25.00	1.091	0.051
		Back	512000	2562.5	-0.020	0.059	100	1.00	24.62	25.00	1.091	0.064
		Left	512000	2562.5	-0.100	0.042	100	1.00	24.62	25.00	1.091	0.046
		Right	512000	2562.5	0.030	0.025	100	1.00	24.62	25.00	1.091	0.027
		Top	512000	2562.5	0.040	0.039	100	1.00	24.62	25.00	1.091	0.043
		Bottom	512000	2562.5	0.060	0.001	100	1.00	24.62	25.00	1.091	0.001
	50%RB	Front	512000	2562.5	0.170	0.037	100	1.00	24.62	25.00	1.091	0.040
		Back	512000	2562.5	0.020	0.049	100	1.00	24.62	25.00	1.091	0.053
		Left	512000	2562.5	-0.080	0.033	100	1.00	24.62	25.00	1.091	0.036
		Right	512000	2562.5	-0.130	0.020	100	1.00	24.62	25.00	1.091	0.022
		Top	512000	2562.5	-0.150	0.031	100	1.00	24.62	25.00	1.091	0.034
		Bottom	512000	2562.5	0.060	0.001	100	1.00	24.62	25.00	1.091	0.001

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n12 (BW: 15MHz)	1RB	Left Cheek	141500	707.5	0.050	0.052	100	1.00	25.66	26.00	1.081	0.056
		Left Tilt	141500	707.5	-0.160	0.024	100	1.00	25.66	26.00	1.081	0.026
		Right Cheek	141500	707.5	0.040	0.056	100	1.00	25.66	26.00	1.081	0.061
		Right Tilt	141500	707.5	0.030	0.029	100	1.00	25.66	26.00	1.081	0.031
	50%RB	Left Cheek	141500	707.5	0.040	0.043	100	1.00	25.66	26.00	1.081	0.047
		Left Tilt	141500	707.5	0.080	0.020	100	1.00	25.66	26.00	1.081	0.022
		Right Cheek	141500	707.5	0.170	0.047	100	1.00	25.66	26.00	1.081	0.051
		Right Tilt	141500	707.5	-0.050	0.023	100	1.00	25.66	26.00	1.081	0.025
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n12 (BW: 15MHz)	1RB	Front	141500	707.5	-0.010	0.184	100	1.00	25.66	26.00	1.081	0.199
		Back	141500	707.5	-0.120	0.211	100	1.00	25.66	26.00	1.081	0.228
		Left	141500	707.5	-0.010	0.099	100	1.00	25.66	26.00	1.081	0.107
		Right	141500	707.5	0.080	0.145	100	1.00	25.66	26.00	1.081	0.157
		Top	141500	707.5	0.120	0.019	100	1.00	25.66	26.00	1.081	0.021
		Bottom	141500	707.5	-0.060	0.133	100	1.00	25.66	26.00	1.081	0.144
	50%RB	Front	141500	707.5	0.070	0.155	100	1.00	25.66	26.00	1.081	0.168
		Back	141500	707.5	-0.020	0.165	100	1.00	25.66	26.00	1.081	0.178
		Left	141500	707.5	0.020	0.083	100	1.00	25.66	26.00	1.081	0.090
		Right	141500	707.5	0.110	0.119	100	1.00	25.66	26.00	1.081	0.129
		Top	141500	707.5	0.140	0.015	100	1.00	25.66	26.00	1.081	0.016
		Bottom	141500	707.5	0.120	0.109	100	1.00	25.66	26.00	1.081	0.118

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Left Cheek	515000	2575.0	0.030	0.247	100	1.00	25.31	25.50	1.045	0.258
		Left Tilt	515000	2575.0	0.001	0.304	100	1.00	25.31	25.50	1.045	0.318
		Right Cheek	515000	2575.0	0.120	0.274	100	1.00	25.31	25.50	1.045	0.286
		Right Tilt	515000	2575.0	-0.060	0.730	100	1.00	25.31	25.50	1.045	0.763
	50%RB	Left Cheek	515000	2575.0	0.170	0.201	100	1.00	25.31	25.50	1.045	0.210
		Left Tilt	515000	2575.0	0.120	0.255	100	1.00	25.31	25.50	1.045	0.266
		Right Cheek	515000	2575.0	-0.100	0.222	100	1.00	25.31	25.50	1.045	0.232
		Right Tilt	515000	2575.0	-0.150	0.597	100	1.00	25.31	25.50	1.045	0.624
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Front	515000	2575.0	0.180	0.064	100	1.00	25.31	25.50	1.045	0.067
		Back	515000	2575.0	-0.120	0.081	100	1.00	25.31	25.50	1.045	0.085
		Left	515000	2575.0	-0.040	0.053	100	1.00	25.31	25.50	1.045	0.055
		Right	515000	2575.0	0.070	0.025	100	1.00	25.31	25.50	1.045	0.026
		Top	515000	2575.0	-0.070	0.050	100	1.00	25.31	25.50	1.045	0.052
		Bottom	515000	2575.0	0.060	0.003	100	1.00	25.31	25.50	1.045	0.003
	50%RB	Front	515000	2575.0	-0.060	0.052	100	1.00	25.31	25.50	1.045	0.054
		Back	515000	2575.0	0.150	0.064	100	1.00	25.31	25.50	1.045	0.067
		Left	515000	2575.0	-0.160	0.043	100	1.00	25.31	25.50	1.045	0.045
		Right	515000	2575.0	-0.110	0.021	100	1.00	25.31	25.50	1.045	0.022
		Top	515000	2575.0	0.170	0.041	100	1.00	25.31	25.50	1.045	0.043
		Bottom	515000	2575.0	-0.030	0.002	100	1.00	25.31	25.50	1.045	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:100MHz)	1RB	Left Cheek	518598	2593.0	0.030	0.097	100	1.00	26.39	26.50	1.026	0.099
		Left Tilt	518598	2593.0	-0.080	0.201	100	1.00	26.39	26.50	1.026	0.206
		Right Cheek	518598	2593.0	0.110	0.249	100	1.00	26.39	26.50	1.026	0.255
		Right Tilt	518598	2593.0	0.020	0.551	100	1.00	26.39	26.50	1.026	0.565
	50%RB	Left Cheek	518598	2593.0	-0.020	0.081	100	1.00	26.39	26.50	1.026	0.083
		Left Tilt	518598	2593.0	0.090	0.157	100	1.00	26.39	26.50	1.026	0.161
		Right Cheek	518598	2593.0	-0.100	0.210	100	1.00	26.39	26.50	1.026	0.215
		Right Tilt	518598	2593.0	0.170	0.461	100	1.00	26.39	26.50	1.026	0.473
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:100MHz)	1RB	Front	518598	2593.0	0.050	0.059	100	1.00	26.39	26.50	1.026	0.061
		Back	518598	2593.0	-0.140	0.074	100	1.00	26.39	26.50	1.026	0.076
		Left	518598	2593.0	0.020	0.043	100	1.00	26.39	26.50	1.026	0.044
		Right	518598	2593.0	0.150	0.015	100	1.00	26.39	26.50	1.026	0.015
		Top	518598	2593.0	-0.120	0.038	100	1.00	26.39	26.50	1.026	0.039
		Bottom	518598	2593.0	0.060	0.001	100	1.00	26.39	26.50	1.026	0.001
	50%RB	Front	518598	2593.0	0.080	0.046	100	1.00	26.39	26.50	1.026	0.047
		Back	518598	2593.0	-0.180	0.062	100	1.00	26.39	26.50	1.026	0.064
		Left	518598	2593.0	0.160	0.034	100	1.00	26.39	26.50	1.026	0.035
		Right	518598	2593.0	0.020	0.012	100	1.00	26.39	26.50	1.026	0.012
		Top	518598	2593.0	-0.190	0.032	100	1.00	26.39	26.50	1.026	0.033
		Bottom	518598	2593.0	-0.030	0.001	100	1.00	26.39	26.50	1.026	0.001

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n66 (BW:40MHz)	1RB	Left Cheek	349000	1745.0	0.050	0.162	100	1.00	24.75	25.00	1.059	0.172
		Left Tilt	349000	1745.0	0.090	0.224	100	1.00	24.75	25.00	1.059	0.237
		Right Cheek	349000	1745.0	-0.120	0.253	100	1.00	24.75	25.00	1.059	0.268
		Right Tilt	349000	1745.0	-0.040	0.474	100	1.00	24.75	25.00	1.059	0.502
	50%RB	Left Cheek	349000	1745.0	0.140	0.133	100	1.00	24.75	25.00	1.059	0.141
		Left Tilt	349000	1745.0	0.140	0.192	100	1.00	24.75	25.00	1.059	0.203
		Right Cheek	349000	1745.0	-0.160	0.207	100	1.00	24.75	25.00	1.059	0.219
		Right Tilt	349000	1745.0	-0.060	0.373	100	1.00	24.75	25.00	1.059	0.395
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n66 (BW:40MHz)	1RB	Front	349000	1745.0	0.010	0.085	100	1.00	24.75	25.00	1.059	0.090
		Back	349000	1745.0	-0.090	0.112	100	1.00	24.75	25.00	1.059	0.119
		Left	349000	1745.0	-0.120	0.071	100	1.00	24.75	25.00	1.059	0.075
		Right	349000	1745.0	0.090	0.032	100	1.00	24.75	25.00	1.059	0.034
		Top	349000	1745.0	0.070	0.079	100	1.00	24.75	25.00	1.059	0.084
		Bottom	349000	1745.0	0.160	0.004	100	1.00	24.75	25.00	1.059	0.004
	50%RB	Front	349000	1745.0	-0.180	0.073	100	1.00	24.75	25.00	1.059	0.077
		Back	349000	1745.0	0.170	0.091	100	1.00	24.75	25.00	1.059	0.096
		Left	349000	1745.0	0.100	0.060	100	1.00	24.75	25.00	1.059	0.064
		Right	349000	1745.0	-0.180	0.027	100	1.00	24.75	25.00	1.059	0.029
		Top	349000	1745.0	0.040	0.066	100	1.00	24.75	25.00	1.059	0.070
		Bottom	349000	1745.0	-0.090	0.003	100	1.00	24.75	25.00	1.059	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.110	0.301	100	1.00	25.59	26.00	1.099	0.331
		Left Tilt	633334	3500.0	-0.120	0.517	100	1.00	25.59	26.00	1.099	0.568
		Right Cheek	633334	3500.0	0.150	0.151	100	1.00	25.59	26.00	1.099	0.166
		Right Tilt	633334	3500.0	0.010	0.342	100	1.00	25.59	26.00	1.099	0.376
	50%RB	Left Cheek	633334	3500.0	-0.140	0.236	100	1.00	25.59	26.00	1.099	0.259
		Left Tilt	633334	3500.0	-0.010	0.421	100	1.00	25.59	26.00	1.099	0.463
		Right Cheek	633334	3500.0	0.040	0.121	100	1.00	25.59	26.00	1.099	0.133
		Right Tilt	633334	3500.0	0.030	0.283	100	1.00	25.59	26.00	1.099	0.311
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	633334	3500.0	-0.130	0.108	100	1.00	25.59	26.00	1.099	0.119
		Back	633334	3500.0	-0.190	0.129	100	1.00	25.59	26.00	1.099	0.142
		Left	633334	3500.0	0.090	0.045	100	1.00	25.59	26.00	1.099	0.049
		Right	633334	3500.0	-0.110	0.071	100	1.00	25.59	26.00	1.099	0.078
		Top	633334	3500.0	0.150	0.083	100	1.00	25.59	26.00	1.099	0.091
		Bottom	633334	3500.0	0.070	0.004	100	1.00	25.59	26.00	1.099	0.004
	50%RB	Front	633334	3500.0	-0.190	0.089	100	1.00	25.59	26.00	1.099	0.098
		Back	633334	3500.0	0.130	0.101	100	1.00	25.59	26.00	1.099	0.111
		Left	633334	3500.0	0.100	0.038	100	1.00	25.59	26.00	1.099	0.042
		Right	633334	3500.0	0.150	0.057	100	1.00	25.59	26.00	1.099	0.063
		Top	633334	3500.0	-0.100	0.066	100	1.00	25.59	26.00	1.099	0.073
		Bottom	633334	3500.0	-0.140	0.003	100	1.00	25.59	26.00	1.099	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	638334	3575.0	0.120	0.155	100	1.00	25.21	25.50	1.069	0.166
		Left Tilt	638334	3575.0	-0.080	0.433	100	1.00	25.21	25.50	1.069	0.463
		Right Cheek	638334	3575.0	-0.100	0.135	100	1.00	25.21	25.50	1.069	0.144
		Right Tilt	638334	3575.0	0.090	0.218	100	1.00	25.21	25.50	1.069	0.233
	50%RB	Left Cheek	638334	3575.0	-0.050	0.123	100	1.00	25.21	25.50	1.069	0.131
		Left Tilt	638334	3575.0	0.120	0.368	100	1.00	25.21	25.50	1.069	0.393
		Right Cheek	638334	3575.0	-0.140	0.108	100	1.00	25.21	25.50	1.069	0.115
		Right Tilt	638334	3575.0	0.020	0.181	100	1.00	25.21	25.50	1.069	0.193
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	638334	3575.0	0.150	0.050	100	1.00	25.21	25.50	1.069	0.053
		Back	638334	3575.0	-0.190	0.085	100	1.00	25.21	25.50	1.069	0.091
		Left	638334	3575.0	0.030	0.024	100	1.00	25.21	25.50	1.069	0.026
		Right	638334	3575.0	0.090	0.042	100	1.00	25.21	25.50	1.069	0.045
		Top	638334	3575.0	-0.100	0.035	100	1.00	25.21	25.50	1.069	0.037
		Bottom	638334	3575.0	0.180	0.002	100	1.00	25.21	25.50	1.069	0.002
	50%RB	Front	638334	3575.0	0.140	0.040	100	1.00	25.21	25.50	1.069	0.043
		Back	638334	3575.0	0.180	0.069	100	1.00	25.21	25.50	1.069	0.074
		Left	638334	3575.0	0.020	0.020	100	1.00	25.21	25.50	1.069	0.021
		Right	638334	3575.0	-0.100	0.035	100	1.00	25.21	25.50	1.069	0.037
		Top	638334	3575.0	0.030	0.028	100	1.00	25.21	25.50	1.069	0.030
		Bottom	638334	3575.0	0.180	0.002	100	1.00	25.21	25.50	1.069	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	662000	3930.0	0.050	0.261	100	1.00	25.01	25.50	1.119	0.292
		Left Tilt	662000	3930.0	-0.060	0.566	100	1.00	25.01	25.50	1.119	0.634
		Right Cheek	662000	3930.0	-0.110	0.159	100	1.00	25.01	25.50	1.119	0.178
		Right Tilt	662000	3930.0	-0.150	0.356	100	1.00	25.01	25.50	1.119	0.399
	50%RB	Left Cheek	662000	3930.0	-0.050	0.209	100	1.00	25.01	25.50	1.119	0.234
		Left Tilt	662000	3930.0	0.090	0.463	100	1.00	25.01	25.50	1.119	0.518
		Right Cheek	662000	3930.0	0.150	0.128	100	1.00	25.01	25.50	1.119	0.143
		Right Tilt	662000	3930.0	-0.040	0.279	100	1.00	25.01	25.50	1.119	0.312
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	662000	3930.0	0.050	0.064	100	1.00	25.01	25.50	1.119	0.072
		Back	662000	3930.0	-0.070	0.089	100	1.00	25.01	25.50	1.119	0.100
		Left	662000	3930.0	0.030	0.032	100	1.00	25.01	25.50	1.119	0.036
		Right	662000	3930.0	-0.110	0.051	100	1.00	25.01	25.50	1.119	0.057
		Top	662000	3930.0	0.120	0.042	100	1.00	25.01	25.50	1.119	0.047
		Bottom	662000	3930.0	0.090	0.002	100	1.00	25.01	25.50	1.119	0.002
	50%RB	Front	662000	3930.0	-0.120	0.054	100	1.00	25.01	25.50	1.119	0.060
		Back	662000	3930.0	-0.160	0.072	100	1.00	25.01	25.50	1.119	0.081
		Left	662000	3930.0	-0.130	0.026	100	1.00	25.01	25.50	1.119	0.029
		Right	662000	3930.0	-0.090	0.044	100	1.00	25.01	25.50	1.119	0.049
		Top	662000	3930.0	0.160	0.033	100	1.00	25.01	25.50	1.119	0.037
		Bottom	662000	3930.0	0.090	0.002	100	1.00	25.01	25.50	1.119	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.030	0.209	100	1.00	25.64	26.00	1.086	0.227
		Left Tilt	633334	3500.0	-0.060	0.417	100	1.00	25.64	26.00	1.086	0.453
		Right Cheek	633334	3500.0	-0.120	0.116	100	1.00	25.64	26.00	1.086	0.126
		Right Tilt	633334	3500.0	0.090	0.266	100	1.00	25.64	26.00	1.086	0.289
	50%RB	Left Cheek	633334	3500.0	-0.050	0.165	100	1.00	25.64	26.00	1.086	0.179
		Left Tilt	633334	3500.0	0.040	0.329	100	1.00	25.64	26.00	1.086	0.357
		Right Cheek	633334	3500.0	0.080	0.091	100	1.00	25.64	26.00	1.086	0.099
		Right Tilt	633334	3500.0	-0.100	0.218	100	1.00	25.64	26.00	1.086	0.237
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	633334	3500.0	0.010	0.034	100	1.00	25.64	26.00	1.086	0.037
		Back	633334	3500.0	-0.190	0.056	100	1.00	25.64	26.00	1.086	0.061
		Left	633334	3500.0	-0.120	0.012	100	1.00	25.64	26.00	1.086	0.013
		Right	633334	3500.0	0.020	0.029	100	1.00	25.64	26.00	1.086	0.032
		Top	633334	3500.0	0.170	0.025	100	1.00	25.64	26.00	1.086	0.027
		Bottom	633334	3500.0	0.050	0.001	100	1.00	25.64	26.00	1.086	0.001
	50%RB	Front	633334	3500.0	-0.010	0.027	100	1.00	25.64	26.00	1.086	0.029
		Back	633334	3500.0	0.110	0.047	100	1.00	25.64	26.00	1.086	0.051
		Left	633334	3500.0	0.150	0.009	100	1.00	25.64	26.00	1.086	0.010
		Right	633334	3500.0	0.060	0.023	100	1.00	25.64	26.00	1.086	0.025
		Top	633334	3500.0	0.010	0.020	100	1.00	25.64	26.00	1.086	0.022
		Bottom	633334	3500.0	0.050	0.001	100	1.00	25.64	26.00	1.086	0.001

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	638334	3575.0	0.020	0.154	100	1.00	25.19	25.50	1.074	0.165
		Left Tilt	638334	3575.0	-0.030	0.327	100	1.00	25.19	25.50	1.074	0.351
		Right Cheek	638334	3575.0	0.190	0.097	100	1.00	25.19	25.50	1.074	0.104
		Right Tilt	638334	3575.0	0.080	0.200	100	1.00	25.19	25.50	1.074	0.215
	50%RB	Left Cheek	638334	3575.0	0.100	0.120	100	1.00	25.19	25.50	1.074	0.129
		Left Tilt	638334	3575.0	0.140	0.257	100	1.00	25.19	25.50	1.074	0.276
		Right Cheek	638334	3575.0	0.120	0.080	100	1.00	25.19	25.50	1.074	0.086
		Right Tilt	638334	3575.0	-0.030	0.157	100	1.00	25.19	25.50	1.074	0.169
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	638334	3575.0	0.040	0.042	100	1.00	25.19	25.50	1.074	0.045
		Back	638334	3575.0	0.190	0.057	100	1.00	25.19	25.50	1.074	0.061
		Left	638334	3575.0	0.130	0.024	100	1.00	25.19	25.50	1.074	0.026
		Right	638334	3575.0	0.010	0.037	100	1.00	25.19	25.50	1.074	0.040
		Top	638334	3575.0	0.140	0.036	100	1.00	25.19	25.50	1.074	0.039
		Bottom	638334	3575.0	0.180	0.002	100	1.00	25.19	25.50	1.074	0.002
	50%RB	Front	638334	3575.0	0.020	0.036	100	1.00	25.19	25.50	1.074	0.039
		Back	638334	3575.0	0.050	0.046	100	1.00	25.19	25.50	1.074	0.049
		Left	638334	3575.0	0.050	0.019	100	1.00	25.19	25.50	1.074	0.020
		Right	638334	3575.0	0.080	0.030	100	1.00	25.19	25.50	1.074	0.032
		Top	638334	3575.0	0.020	0.028	100	1.00	25.19	25.50	1.074	0.030
		Bottom	638334	3575.0	0.180	0.002	100	1.00	25.19	25.50	1.074	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	648334	3725.0	0.150	0.163	100	1.00	25.59	26.00	1.099	0.179
		Left Tilt	648334	3725.0	0.020	0.345	100	1.00	25.59	26.00	1.099	0.379
		Right Cheek	648334	3725.0	0.010	0.102	100	1.00	25.59	26.00	1.099	0.112
		Right Tilt	648334	3725.0	-0.120	0.245	100	1.00	25.59	26.00	1.099	0.269
	50%RB	Left Cheek	648334	3725.0	0.090	0.128	100	1.00	25.59	26.00	1.099	0.141
		Left Tilt	648334	3725.0	-0.070	0.284	100	1.00	25.59	26.00	1.099	0.312
		Right Cheek	648334	3725.0	0.000	0.086	100	1.00	25.59	26.00	1.099	0.095
		Right Tilt	648334	3725.0	0.030	0.193	100	1.00	25.59	26.00	1.099	0.212
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	648334	3725.0	-0.080	0.061	100	1.00	25.59	26.00	1.099	0.067
		Back	648334	3725.0	-0.060	0.086	100	1.00	25.59	26.00	1.099	0.095
		Left	648334	3725.0	0.080	0.039	100	1.00	25.59	26.00	1.099	0.043
		Right	648334	3725.0	0.050	0.055	100	1.00	25.59	26.00	1.099	0.060
		Top	648334	3725.0	0.030	0.056	100	1.00	25.59	26.00	1.099	0.062
		Bottom	648334	3725.0	-0.040	0.003	100	1.00	25.59	26.00	1.099	0.003
	50%RB	Front	648334	3725.0	0.040	0.051	100	1.00	25.59	26.00	1.099	0.056
		Back	648334	3725.0	-0.190	0.070	100	1.00	25.59	26.00	1.099	0.077
		Left	648334	3725.0	-0.010	0.033	100	1.00	25.59	26.00	1.099	0.036
		Right	648334	3725.0	0.100	0.044	100	1.00	25.59	26.00	1.099	0.048
		Top	648334	3725.0	0.010	0.046	100	1.00	25.59	26.00	1.099	0.051
		Bottom	648334	3725.0	0.180	0.002	100	1.00	25.59	26.00	1.099	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Left Cheek	19175	1907.5	0.050	0.311	100	1.00	22.21	22.50	1.069	0.332
		Left Tilt	19175	1907.5	-0.120	0.512	100	1.00	22.21	22.50	1.069	0.547
		Right Cheek	19175	1907.5	0.080	0.401	100	1.00	22.21	22.50	1.069	0.429
		Right Tilt	19175	1907.5	0.060	0.728	100	1.00	22.21	22.50	1.069	0.778
	50%RB	Left Cheek	19175	1907.5	-0.120	0.279	100	1.00	22.21	22.50	1.069	0.298
		Left Tilt	19175	1907.5	0.070	0.475	100	1.00	22.21	22.50	1.069	0.508
		Right Cheek	19175	1907.5	0.030	0.352	100	1.00	22.21	22.50	1.069	0.376
		Right Tilt	19175	1907.5	-0.110	0.704	100	1.00	22.21	22.50	1.069	0.753
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Front	19175	1907.5	0.010	0.294	100	1.00	22.21	22.50	1.069	0.314
		Back	19175	1907.5	-0.170	0.367	100	1.00	22.21	22.50	1.069	0.392
		Left	19175	1907.5	0.150	0.195	100	1.00	22.21	22.50	1.069	0.208
		Right	19175	1907.5	-0.060	0.007	100	1.00	22.21	22.50	1.069	0.007
		Top	19175	1907.5	0.010	0.139	100	1.00	22.21	22.50	1.069	0.149
		Bottom	19175	1907.5	-0.150	0.004	100	1.00	22.21	22.50	1.069	0.004
	50%RB	Front	19175	1907.5	0.070	0.273	100	1.00	22.21	22.50	1.069	0.292
		Back	19175	1907.5	-0.090	0.342	100	1.00	22.21	22.50	1.069	0.366
		Left	19175	1907.5	0.110	0.171	100	1.00	22.21	22.50	1.069	0.183
		Right	19175	1907.5	0.070	0.001	100	1.00	22.21	22.50	1.069	0.001
		Top	19175	1907.5	-0.130	0.122	100	1.00	22.21	22.50	1.069	0.130
		Bottom	19175	1907.5	0.140	0.003	100	1.00	22.21	22.50	1.069	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n66 (BW: 20MHz)	1RB	Left Cheek	19100	1900.0	0.060	0.602	100	1.00	22.07	22.50	1.104	0.665
		Left Tilt	19100	1900.0	-0.050	0.756	100	1.00	22.07	22.50	1.104	0.835
		Right Cheek	19100	1900.0	0.030	0.713	100	1.00	22.07	22.50	1.104	0.787
		Right Tilt	19100	1900.0	0.150	0.812	100	1.00	22.07	22.50	1.104	0.897
	50%RB	Left Cheek	19100	1900.0	0.040	0.582	100	1.00	22.07	22.50	1.104	0.643
		Left Tilt	19100	1900.0	-0.130	0.716	100	1.00	22.07	22.50	1.104	0.791
		Right Cheek	19100	1900.0	0.060	0.701	100	1.00	22.07	22.50	1.104	0.774
		Right Tilt	19100	1900.0	-0.090	0.792	100	1.00	22.07	22.50	1.104	0.874
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n66 (BW: 20MHz)	1RB	Front	19100	1900.0	-0.090	0.618	100	1.00	22.07	22.50	1.104	0.682
		Back	19100	1900.0	0.080	0.692	100	1.00	22.07	22.50	1.104	0.764
		Left	19100	1900.0	0.050	0.394	100	1.00	22.07	22.50	1.104	0.435
		Right	19100	1900.0	0.020	0.045	100	1.00	22.07	22.50	1.104	0.050
		Top	19100	1900.0	-0.130	0.282	100	1.00	22.07	22.50	1.104	0.311
		Bottom	19100	1900.0	0.150	0.023	100	1.00	22.07	22.50	1.104	0.025
	50%RB	Front	19100	1900.0	0.050	0.585	100	1.00	22.07	22.50	1.104	0.646
		Back	19100	1900.0	0.020	0.673	100	1.00	22.07	22.50	1.104	0.743
		Left	19100	1900.0	-0.040	0.375	100	1.00	22.07	22.50	1.104	0.414
		Right	19100	1900.0	-0.160	0.040	100	1.00	22.07	22.50	1.104	0.044
		Top	19100	1900.0	0.110	0.262	100	1.00	22.07	22.50	1.104	0.289
		Bottom	19100	1900.0	-0.130	0.020	100	1.00	22.07	22.50	1.104	0.022

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n78 (BW: 20MHz)	1RB	Left Cheek	18625	1852.5	0.050	0.061	100	1.00	20.75	21.00	1.059	0.065
		Left Tilt	18625	1852.5	-0.150	0.092	100	1.00	20.75	21.00	1.059	0.097
		Right Cheek	18625	1852.5	0.120	0.086	100	1.00	20.75	21.00	1.059	0.091
		Right Tilt	18625	1852.5	0.080	0.106	100	1.00	20.75	21.00	1.059	0.112
	50%RB	Left Cheek	18625	1852.5	0.030	0.052	100	1.00	20.75	21.00	1.059	0.055
		Left Tilt	18625	1852.5	-0.060	0.083	100	1.00	20.75	21.00	1.059	0.088
		Right Cheek	18625	1852.5	0.120	0.075	100	1.00	20.75	21.00	1.059	0.079
		Right Tilt	18625	1852.5	-0.090	0.092	100	1.00	20.75	21.00	1.059	0.097
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n78 (BW: 20MHz)	1RB	Front	18625	1852.5	0.180	0.376	100	1.00	20.75	21.00	1.059	0.398
		Back	18625	1852.5	-0.050	0.497	100	1.00	20.75	21.00	1.059	0.526
		Left	18625	1852.5	0.080	0.185	100	1.00	20.75	21.00	1.059	0.196
		Right	18625	1852.5	0.110	0.036	100	1.00	20.75	21.00	1.059	0.038
		Top	18625	1852.5	0.030	0.154	100	1.00	20.75	21.00	1.059	0.163
		Bottom	18625	1852.5	0.060	0.024	100	1.00	20.75	21.00	1.059	0.025
	50%RB	Front	18625	1852.5	0.110	0.312	100	1.00	20.75	21.00	1.059	0.330
		Back	18625	1852.5	-0.130	0.459	100	1.00	20.75	21.00	1.059	0.486
		Left	18625	1852.5	0.060	0.163	100	1.00	20.75	21.00	1.059	0.173
		Right	18625	1852.5	0.090	0.030	100	1.00	20.75	21.00	1.059	0.032
		Top	18625	1852.5	-0.020	0.136	100	1.00	20.75	21.00	1.059	0.144
		Bottom	18625	1852.5	0.040	0.020	100	1.00	20.75	21.00	1.059	0.021

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n7 (BW: 20MHz)	1RB	Left Cheek	20300	1745.0	0.050	0.371	100	1.00	22.38	22.50	1.028	0.381
		Left Tilt	20300	1745.0	0.080	0.511	100	1.00	22.38	22.50	1.028	0.525
		Right Cheek	20300	1745.0	-0.120	0.406	100	1.00	22.38	22.50	1.028	0.417
		Right Tilt	20300	1745.0	0.040	0.645	100	1.00	22.38	22.50	1.028	0.663
	50%RB	Left Cheek	20300	1745.0	0.060	0.359	100	1.00	22.38	22.50	1.028	0.369
		Left Tilt	20300	1745.0	0.090	0.492	100	1.00	22.38	22.50	1.028	0.506
		Right Cheek	20300	1745.0	-0.110	0.388	100	1.00	22.38	22.50	1.028	0.399
		Right Tilt	20300	1745.0	-0.030	0.612	100	1.00	22.38	22.50	1.028	0.629
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n7 (BW: 20MHz)	1RB	Front	20300	1745.0	0.090	0.161	100	1.00	22.38	22.50	1.028	0.166
		Back	20300	1745.0	-0.130	0.185	100	1.00	22.38	22.50	1.028	0.190
		Left	20300	1745.0	0.180	0.117	100	1.00	22.38	22.50	1.028	0.120
		Right	20300	1745.0	-0.05	0.009	100	1.00	22.38	22.50	1.028	0.009
		Top	20300	1745.0	-0.120	0.089	100	1.00	22.38	22.50	1.028	0.091
		Bottom	20300	1745.0	0.140	0.004	100	1.00	22.38	22.50	1.028	0.004
	50%RB	Front	20300	1745.0	-0.110	0.149	100	1.00	22.38	22.50	1.028	0.153
		Back	20300	1745.0	0.070	0.172	100	1.00	22.38	22.50	1.028	0.177
		Left	20300	1745.0	0.030	0.103	100	1.00	22.38	22.50	1.028	0.106
		Right	20300	1745.0	-0.050	0.007	100	1.00	22.38	22.50	1.028	0.007
		Top	20300	1745.0	-0.140	0.080	100	1.00	22.38	22.50	1.028	0.082
		Bottom	20300	1745.0	0.060	0.003	100	1.00	22.38	22.50	1.028	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n38 (BW: 20MHz)	1RB	Left Cheek	20300	1745.0	0.150	0.080	100	1.00	22.30	22.50	1.047	0.084
		Left Tilt	20300	1745.0	-0.020	0.124	100	1.00	22.30	22.50	1.047	0.130
		Right Cheek	20300	1745.0	0.040	0.106	100	1.00	22.30	22.50	1.047	0.111
		Right Tilt	20300	1745.0	0.130	0.159	100	1.00	22.30	22.50	1.047	0.166
	50%RB	Left Cheek	20300	1745.0	0.060	0.075	100	1.00	22.30	22.50	1.047	0.079
		Left Tilt	20300	1745.0	-0.090	0.115	100	1.00	22.30	22.50	1.047	0.120
		Right Cheek	20300	1745.0	-0.140	0.086	100	1.00	22.30	22.50	1.047	0.090
		Right Tilt	20300	1745.0	0.110	0.132	100	1.00	22.30	22.50	1.047	0.138
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n38 (BW: 20MHz)	1RB	Front	20300	1745.0	0.020	0.108	100	1.00	22.30	22.50	1.047	0.113
		Back	20300	1745.0	0.170	0.141	100	1.00	22.30	22.50	1.047	0.148
		Left	20300	1745.0	0.030	0.093	100	1.00	22.30	22.50	1.047	0.097
		Right	20300	1745.0	-0.010	0.012	100	1.00	22.30	22.50	1.047	0.013
		Top	20300	1745.0	0.160	0.064	100	1.00	22.30	22.50	1.047	0.067
		Bottom	20300	1745.0	0.140	0.008	100	1.00	22.30	22.50	1.047	0.008
	50%RB	Front	20300	1745.0	0.130	0.086	100	1.00	22.30	22.50	1.047	0.090
		Back	20300	1745.0	-0.110	0.129	100	1.00	22.30	22.50	1.047	0.135
		Left	20300	1745.0	0.050	0.080	100	1.00	22.30	22.50	1.047	0.084
		Right	20300	1745.0	0.070	0.010	100	1.00	22.30	22.50	1.047	0.010
		Top	20300	1745.0	-0.090	0.057	100	1.00	22.30	22.50	1.047	0.060
		Bottom	20300	1745.0	0.150	0.006	100	1.00	22.30	22.50	1.047	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Left Cheek	20175	1732.5	0.080	0.085	100	1.00	22.27	22.50	1.054	0.090
		Left Tilt	20175	1732.5	-0.250	0.143	100	1.00	22.27	22.50	1.054	0.151
		Right Cheek	20175	1732.5	-0.360	0.114	100	1.00	22.27	22.50	1.054	0.120
		Right Tilt	20175	1732.5	0.090	0.156	100	1.00	22.27	22.50	1.054	0.164
	50%RB	Left Cheek	20175	1732.5	0.090	0.046	100	1.00	22.27	22.50	1.054	0.049
		Left Tilt	20175	1732.5	-0.240	0.085	100	1.00	22.27	22.50	1.054	0.090
		Right Cheek	20175	1732.5	0.130	0.053	100	1.00	22.27	22.50	1.054	0.056
		Right Tilt	20175	1732.5	0.080	0.101	100	1.00	22.27	22.50	1.054	0.106
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Front	20175	1732.5	0.180	0.040	100	1.00	22.27	22.50	1.054	0.042
		Back	20175	1732.5	0.160	0.049	100	1.00	22.27	22.50	1.054	0.052
		Left	20175	1732.5	0.060	0.025	100	1.00	22.27	22.50	1.054	0.026
		Right	20175	1732.5	-0.050	0.012	100	1.00	22.27	22.50	1.054	0.013
		Top	20175	1732.5	0.130	0.021	100	1.00	22.27	22.50	1.054	0.022
		Bottom	20175	1732.5	0.090	0.010	100	1.00	22.27	22.50	1.054	0.011
	50%RB	Front	20175	1732.5	0.150	0.034	100	1.00	22.27	22.50	1.054	0.036
		Back	20175	1732.5	0.060	0.040	100	1.00	22.27	22.50	1.054	0.042
		Left	20175	1732.5	-0.130	0.018	100	1.00	22.27	22.50	1.054	0.019
		Right	20175	1732.5	-0.080	0.006	100	1.00	22.27	22.50	1.054	0.006
		Top	20175	1732.5	0.060	0.010	100	1.00	22.27	22.50	1.054	0.011
		Bottom	20175	1732.5	0.140	0.004	100	1.00	22.27	22.50	1.054	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n78 (BW: 20MHz)	1RB	Left Cheek	20175	1732.5	0.050	0.148	100	1.00	22.06	22.50	1.107	0.164
		Left Tilt	20175	1732.5	-0.130	0.334	100	1.00	22.06	22.50	1.107	0.370
		Right Cheek	20175	1732.5	-0.080	0.137	100	1.00	22.06	22.50	1.107	0.152
		Right Tilt	20175	1732.5	0.180	0.300	100	1.00	22.06	22.50	1.107	0.332
	50%RB	Left Cheek	20175	1732.5	0.040	0.086	100	1.00	22.06	22.50	1.107	0.095
		Left Tilt	20175	1732.5	-0.150	0.183	100	1.00	22.06	22.50	1.107	0.203
		Right Cheek	20175	1732.5	0.080	0.064	100	1.00	22.06	22.50	1.107	0.071
		Right Tilt	20175	1732.5	0.110	0.162	100	1.00	22.06	22.50	1.107	0.179
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n78 (BW: 20MHz)	1RB	Front	20175	1732.5	0.090	0.035	100	1.00	22.06	22.50	1.107	0.039
		Back	20175	1732.5	0.170	0.047	100	1.00	22.06	22.50	1.107	0.052
		Left	20175	1732.5	-0.190	0.026	100	1.00	22.06	22.50	1.107	0.029
		Right	20175	1732.5	0.160	0.007	100	1.00	22.06	22.50	1.107	0.008
		Top	20175	1732.5	-0.140	0.019	100	1.00	22.06	22.50	1.107	0.021
		Bottom	20175	1732.5	0.150	0.004	100	1.00	22.06	22.50	1.107	0.004
	50%RB	Front	20175	1732.5	-0.120	0.025	100	1.00	22.06	22.50	1.107	0.028
		Back	20175	1732.5	0.130	0.031	100	1.00	22.06	22.50	1.107	0.034
		Left	20175	1732.5	0.050	0.014	100	1.00	22.06	22.50	1.107	0.015
		Right	20175	1732.5	-0.060	0.005	100	1.00	22.06	22.50	1.107	0.006
		Top	20175	1732.5	0.080	0.010	100	1.00	22.06	22.50	1.107	0.011
		Bottom	20175	1732.5	0.100	0.003	100	1.00	22.06	22.50	1.107	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	0.160	0.232	100	1.00	22.59	23.00	1.099	0.255
		Left Tilt	20600	844.0	0.130	0.389	100	1.00	22.59	23.00	1.099	0.428
		Right Cheek	20600	844.0	-0.050	0.296	100	1.00	22.59	23.00	1.099	0.325
		Right Tilt	20600	844.0	0.180	0.468	100	1.00	22.59	23.00	1.099	0.514
	50%RB	Left Cheek	20600	844.0	0.030	0.193	100	1.00	22.59	23.00	1.099	0.212
		Left Tilt	20600	844.0	0.100	0.284	100	1.00	22.59	23.00	1.099	0.312
		Right Cheek	20600	844.0	-0.240	0.206	100	1.00	22.59	23.00	1.099	0.226
		Right Tilt	20600	844.0	0.080	0.301	100	1.00	22.59	23.00	1.099	0.331
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Front	20600	844.0	0.170	0.085	100	1.00	22.59	23.00	1.099	0.093
		Back	20600	844.0	0.130	0.119	100	1.00	22.59	23.00	1.099	0.131
		Left	20600	844.0	-0.120	0.061	100	1.00	22.59	23.00	1.099	0.067
		Right	20600	844.0	0.060	0.021	100	1.00	22.59	23.00	1.099	0.023
		Top	20600	844.0	0.090	0.049	100	1.00	22.59	23.00	1.099	0.054
		Bottom	20600	844.0	-0.170	0.014	100	1.00	22.59	23.00	1.099	0.015
	50%RB	Front	20600	844.0	0.150	0.064	100	1.00	22.59	23.00	1.099	0.070
		Back	20600	844.0	0.170	0.089	100	1.00	22.59	23.00	1.099	0.098
		Left	20600	844.0	-0.120	0.041	100	1.00	22.59	23.00	1.099	0.045
		Right	20600	844.0	0.050	0.010	100	1.00	22.59	23.00	1.099	0.011
		Top	20600	844.0	0.090	0.032	100	1.00	22.59	23.00	1.099	0.035
		Bottom	20600	844.0	-0.140	0.006	100	1.00	22.59	23.00	1.099	0.007

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n38 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	-0.050	0.056	100	1.00	22.71	23.00	1.069	0.060
		Left Tilt	20600	844.0	-0.010	0.085	100	1.00	22.71	23.00	1.069	0.091
		Right Cheek	20600	844.0	-0.090	0.069	100	1.00	22.71	23.00	1.069	0.074
		Right Tilt	20600	844.0	0.060	0.115	100	1.00	22.71	23.00	1.069	0.123
	50%RB	Left Cheek	20600	844.0	0.030	0.036	100	1.00	22.71	23.00	1.069	0.038
		Left Tilt	20600	844.0	-0.050	0.061	100	1.00	22.71	23.00	1.069	0.065
		Right Cheek	20600	844.0	0.040	0.052	100	1.00	22.71	23.00	1.069	0.056
		Right Tilt	20600	844.0	0.080	0.083	100	1.00	22.71	23.00	1.069	0.089
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n38 (BW: 10MHz)	1RB	Front	20600	844.0	0.130	0.037	100	1.00	22.71	23.00	1.069	0.040
		Back	20600	844.0	0.160	0.048	100	1.00	22.71	23.00	1.069	0.051
		Left	20600	844.0	0.120	0.029	100	1.00	22.71	23.00	1.069	0.031
		Right	20600	844.0	-0.090	0.015	100	1.00	22.71	23.00	1.069	0.016
		Top	20600	844.0	0.030	0.013	100	1.00	22.71	23.00	1.069	0.014
		Bottom	20600	844.0	-0.040	0.009	100	1.00	22.71	23.00	1.069	0.010
	50%RB	Front	20600	844.0	0.060	0.021	100	1.00	22.71	23.00	1.069	0.022
		Back	20600	844.0	0.010	0.035	100	1.00	22.71	23.00	1.069	0.037
		Left	20600	844.0	0.060	0.019	100	1.00	22.71	23.00	1.069	0.020
		Right	20600	844.0	-0.150	0.008	100	1.00	22.71	23.00	1.069	0.009
		Top	20600	844.0	0.110	0.010	100	1.00	22.71	23.00	1.069	0.011
		Bottom	20600	844.0	0.090	0.006	100	1.00	22.71	23.00	1.069	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Left Cheek	20625	846.5	-0.090	0.056	100	1.00	22.47	22.50	1.007	0.056
		Left Tilt	20625	846.5	0.130	0.085	100	1.00	22.47	22.50	1.007	0.086
		Right Cheek	20625	846.5	-0.050	0.068	100	1.00	22.47	22.50	1.007	0.068
		Right Tilt	20625	846.5	0.130	0.113	100	1.00	22.47	22.50	1.007	0.114
	50%RB	Left Cheek	20625	846.5	0.050	0.039	100	1.00	22.47	22.50	1.007	0.039
		Left Tilt	20625	846.5	0.070	0.051	100	1.00	22.47	22.50	1.007	0.051
		Right Cheek	20625	846.5	0.090	0.046	100	1.00	22.47	22.50	1.007	0.046
		Right Tilt	20625	846.5	0.030	0.062	100	1.00	22.47	22.50	1.007	0.062
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Front	20625	846.5	-0.130	0.049	100	1.00	22.47	22.50	1.007	0.049
		Back	20625	846.5	-0.030	0.058	100	1.00	22.47	22.50	1.007	0.058
		Left	20625	846.5	0.120	0.022	100	1.00	22.47	22.50	1.007	0.022
		Right	20625	846.5	-0.090	0.006	100	1.00	22.47	22.50	1.007	0.006
		Top	20625	846.5	0.140	0.017	100	1.00	22.47	22.50	1.007	0.017
		Bottom	20625	846.5	0.050	0.003	100	1.00	22.47	22.50	1.007	0.003
	50%RB	Front	20625	846.5	0.110	0.036	100	1.00	22.47	22.50	1.007	0.036
		Back	20625	846.5	0.050	0.045	100	1.00	22.47	22.50	1.007	0.045
		Left	20625	846.5	0.030	0.014	100	1.00	22.47	22.50	1.007	0.014
		Right	20625	846.5	-0.120	0.005	100	1.00	22.47	22.50	1.007	0.005
		Top	20625	846.5	0.080	0.010	100	1.00	22.47	22.50	1.007	0.010
		Bottom	20625	846.5	-0.050	0.002	100	1.00	22.47	22.50	1.007	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n66 (BW: 10MHz)	1RB	Left Cheek	20625	846.5	0.120	0.315	100	1.00	22.57	23.00	1.104	0.348
		Left Tilt	20625	846.5	0.090	0.451	100	1.00	22.57	23.00	1.104	0.498
		Right Cheek	20625	846.5	-0.080	0.379	100	1.00	22.57	23.00	1.104	0.418
		Right Tilt	20625	846.5	0.150	0.545	100	1.00	22.57	23.00	1.104	0.602
	50%RB	Left Cheek	20625	846.5	0.050	0.246	100	1.00	22.57	23.00	1.104	0.272
		Left Tilt	20625	846.5	-0.110	0.401	100	1.00	22.57	23.00	1.104	0.443
		Right Cheek	20625	846.5	0.160	0.293	100	1.00	22.57	23.00	1.104	0.323
		Right Tilt	20625	846.5	0.090	0.478	100	1.00	22.57	23.00	1.104	0.528
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n66 (BW: 10MHz)	1RB	Front	20625	846.5	0.150	0.196	100	1.00	22.57	23.00	1.104	0.216
		Back	20625	846.5	0.050	0.270	100	1.00	22.57	23.00	1.104	0.298
		Left	20625	846.5	-0.160	0.152	100	1.00	22.57	23.00	1.104	0.168
		Right	20625	846.5	0.170	0.011	100	1.00	22.57	23.00	1.104	0.012
		Top	20625	846.5	0.160	0.127	100	1.00	22.57	23.00	1.104	0.140
		Bottom	20625	846.5	0.130	0.008	100	1.00	22.57	23.00	1.104	0.009
	50%RB	Front	20625	846.5	0.120	0.162	100	1.00	22.57	23.00	1.104	0.179
		Back	20625	846.5	0.040	0.201	100	1.00	22.57	23.00	1.104	0.222
		Left	20625	846.5	-0.070	0.127	100	1.00	22.57	23.00	1.104	0.140
		Right	20625	846.5	0.140	0.011	100	1.00	22.57	23.00	1.104	0.012
		Top	20625	846.5	0.020	0.090	100	1.00	22.57	23.00	1.104	0.099
		Bottom	20625	846.5	-0.080	0.006	100	1.00	22.57	23.00	1.104	0.007

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	-0.040	0.095	100	1.00	22.33	22.50	1.040	0.099
		Left Tilt	20600	844.0	0.150	0.207	100	1.00	22.33	22.50	1.040	0.215
		Right Cheek	20600	844.0	-0.800	0.103	100	1.00	22.33	22.50	1.040	0.107
		Right Tilt	20600	844.0	0.120	0.217	100	1.00	22.33	22.50	1.040	0.226
	50%RB	Left Cheek	20600	844.0	-0.040	0.046	100	1.00	22.33	22.50	1.040	0.048
		Left Tilt	20600	844.0	0.140	0.106	100	1.00	22.33	22.50	1.040	0.110
		Right Cheek	20600	844.0	0.120	0.062	100	1.00	22.33	22.50	1.040	0.064
		Right Tilt	20600	844.0	-0.160	0.134	100	1.00	22.33	22.50	1.040	0.139
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Front	20600	844.0	0.130	0.048	100	1.00	22.33	22.50	1.040	0.050
		Back	20600	844.0	0.140	0.053	100	1.00	22.33	22.50	1.040	0.055
		Left	20600	844.0	0.060	0.027	100	1.00	22.33	22.50	1.040	0.028
		Right	20600	844.0	0.030	0.009	100	1.00	22.33	22.50	1.040	0.009
		Top	20600	844.0	0.120	0.015	100	1.00	22.33	22.50	1.040	0.016
		Bottom	20600	844.0	0.100	0.007	100	1.00	22.33	22.50	1.040	0.007
	50%RB	Front	20600	844.0	0.150	0.034	100	1.00	22.33	22.50	1.040	0.035
		Back	20600	844.0	0.100	0.041	100	1.00	22.33	22.50	1.040	0.043
		Left	20600	844.0	0.090	0.020	100	1.00	22.33	22.50	1.040	0.021
		Right	20600	844.0	0.170	0.005	100	1.00	22.33	22.50	1.040	0.005
		Top	20600	844.0	0.070	0.017	100	1.00	22.33	22.50	1.040	0.018
		Bottom	20600	844.0	-0.090	0.003	100	1.00	22.33	22.50	1.040	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	-0.080	0.089	100	1.00	22.41	22.50	1.021	0.091
		Left Tilt	20600	844.0	0.050	0.211	100	1.00	22.41	22.50	1.021	0.215
		Right Cheek	20600	844.0	-0.060	0.095	100	1.00	22.41	22.50	1.021	0.097
		Right Tilt	20600	844.0	-0.030	0.223	100	1.00	22.41	22.50	1.021	0.228
	50%RB	Left Cheek	20600	844.0	0.080	0.075	100	1.00	22.41	22.50	1.021	0.077
		Left Tilt	20600	844.0	-0.130	0.182	100	1.00	22.41	22.50	1.021	0.186
		Right Cheek	20600	844.0	0.140	0.081	100	1.00	22.41	22.50	1.021	0.083
		Right Tilt	20600	844.0	-0.120	0.202	100	1.00	22.41	22.50	1.021	0.206
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Front	20600	844.0	0.160	0.037	100	1.00	22.41	22.50	1.021	0.038
		Back	20600	844.0	-0.140	0.053	100	1.00	22.41	22.50	1.021	0.054
		Left	20600	844.0	-0.050	0.028	100	1.00	22.41	22.50	1.021	0.029
		Right	20600	844.0	0.130	0.013	100	1.00	22.41	22.50	1.021	0.013
		Top	20600	844.0	0.160	0.019	100	1.00	22.41	22.50	1.021	0.019
		Bottom	20600	844.0	0.040	0.006	100	1.00	22.41	22.50	1.021	0.006
	50%RB	Front	20600	844.0	0.160	0.028	100	1.00	22.41	22.50	1.021	0.029
		Back	20600	844.0	0.050	0.041	100	1.00	22.41	22.50	1.021	0.042
		Left	20600	844.0	-0.170	0.022	100	1.00	22.41	22.50	1.021	0.022
		Right	20600	844.0	-0.100	0.01	100	1.00	22.41	22.50	1.021	0.010
		Top	20600	844.0	0.080	0.013	100	1.00	22.41	22.50	1.021	0.013
		Bottom	20600	844.0	-0.130	0.004	100	1.00	22.41	22.50	1.021	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Left Cheek	21350	2560.0	0.120	0.429	100	1.00	23.06	23.50	1.107	0.475
		Left Tilt	21350	2560.0	-0.090	0.480	100	1.00	23.06	23.50	1.107	0.531
		Right Cheek	21350	2560.0	0.030	0.512	100	1.00	23.06	23.50	1.107	0.567
		Right Tilt	21350	2560.0	-0.130	0.596	100	1.00	23.06	23.50	1.107	0.660
	50%RB	Left Cheek	21350	2560.0	0.110	0.375	100	1.00	23.06	23.50	1.107	0.415
		Left Tilt	21350	2560.0	-0.070	0.413	100	1.00	23.06	23.50	1.107	0.457
		Right Cheek	21350	2560.0	0.050	0.485	100	1.00	23.06	23.50	1.107	0.537
		Right Tilt	21350	2560.0	-0.100	0.571	100	1.00	23.06	23.50	1.107	0.632
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Front	21350	2560.0	0.100	0.275	100	1.00	23.06	23.50	1.107	0.304
		Back	21350	2560.0	-0.090	0.511	100	1.00	23.06	23.50	1.107	0.565
		Left	21350	2560.0	0.150	0.203	100	1.00	23.06	23.50	1.107	0.225
		Right	21350	2560.0	-0.130	0.021	100	1.00	23.06	23.50	1.107	0.023
		Top	21350	2560.0	0.110	0.176	100	1.00	23.06	23.50	1.107	0.195
		Bottom	21350	2560.0	-0.100	0.016	100	1.00	23.06	23.50	1.107	0.018
	50%RB	Front	21350	2560.0	0.140	0.243	100	1.00	23.06	23.50	1.107	0.269
		Back	21350	2560.0	-0.050	0.482	100	1.00	23.06	23.50	1.107	0.533
		Left	21350	2560.0	0.120	0.182	100	1.00	23.06	23.50	1.107	0.201
		Right	21350	2560.0	-0.090	0.017	100	1.00	23.06	23.50	1.107	0.019
		Top	21350	2560.0	0.160	0.152	100	1.00	23.06	23.50	1.107	0.168
		Bottom	21350	2560.0	-0.030	0.013	100	1.00	23.06	23.50	1.107	0.014

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n66 (BW: 20MHz)	1RB	Left Cheek	21425	2567.5	0.170	0.715	100	1.00	23.46	23.50	1.009	0.722
		Left Tilt	21425	2567.5	0.110	0.783	100	1.00	23.46	23.50	1.009	0.790
		Right Cheek	21425	2567.5	0.050	0.726	100	1.00	23.46	23.50	1.009	0.733
		Right Tilt	21425	2567.5	0.010	0.816	100	1.00	23.46	23.50	1.009	0.824
	50%RB	Left Cheek	21425	2567.5	0.130	0.673	100	1.00	23.46	23.50	1.009	0.679
		Left Tilt	21425	2567.5	-0.080	0.715	100	1.00	23.46	23.50	1.009	0.722
		Right Cheek	21425	2567.5	0.013	0.694	100	1.00	23.46	23.50	1.009	0.700
		Right Tilt	21425	2567.5	0.050	0.773	100	1.00	23.46	23.50	1.009	0.780
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n66 (BW: 20MHz)	1RB	Front	21425	2567.5	0.030	0.418	100	1.00	23.46	23.50	1.009	0.422
		Back	21425	2567.5	0.090	0.527	100	1.00	23.46	23.50	1.009	0.532
		Left	21425	2567.5	0.120	0.328	100	1.00	23.46	23.50	1.009	0.331
		Right	21425	2567.5	-0.100	0.007	100	1.00	23.46	23.50	1.009	0.007
		Top	21425	2567.5	0.050	0.275	100	1.00	23.46	23.50	1.009	0.278
		Bottom	21425	2567.5	-0.060	0.002	100	1.00	23.46	23.50	1.009	0.002
	50%RB	Front	21425	2567.5	-0.060	0.375	100	1.00	23.46	23.50	1.009	0.378
		Back	21425	2567.5	-0.110	0.459	100	1.00	23.46	23.50	1.009	0.463
		Left	21425	2567.5	0.040	0.276	100	1.00	23.46	23.50	1.009	0.279
		Right	21425	2567.5	-0.200	0.005	100	1.00	23.46	23.50	1.009	0.005
		Top	21425	2567.5	0.040	0.210	100	1.00	23.46	23.50	1.009	0.212
		Bottom	21425	2567.5	-0.070	0.005	100	1.00	23.46	23.50	1.009	0.005

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n77 (BW: 20MHz)	1RB	Left Cheek	21350	2560.0	0.160	0.611	100	1.00	22.91	23.00	1.021	0.624
		Left Tilt	21350	2560.0	0.180	0.539	100	1.00	22.91	23.00	1.021	0.550
		Right Cheek	21350	2560.0	-0.090	0.792	100	1.00	22.91	23.00	1.021	0.809
		Right Tilt	21350	2560.0	0.150	0.704	100	1.00	22.91	23.00	1.021	0.719
	50%RB	Left Cheek	21350	2560.0	0.110	0.573	100	1.00	22.91	23.00	1.021	0.585
		Left Tilt	21350	2560.0	-0.090	0.459	100	1.00	22.91	23.00	1.021	0.469
		Right Cheek	21350	2560.0	0.160	0.716	100	1.00	22.91	23.00	1.021	0.731
		Right Tilt	21350	2560.0	-0.120	0.681	100	1.00	22.91	23.00	1.021	0.695
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n77 (BW: 20MHz)	1RB	Front	21350	2560.0	0.090	0.264	100	1.00	22.91	23.00	1.021	0.270
		Back	21350	2560.0	0.100	0.299	100	1.00	22.91	23.00	1.021	0.305
		Left	21350	2560.0	0.060	0.204	100	1.00	22.91	23.00	1.021	0.208
		Right	21350	2560.0	-0.020	0.025	100	1.00	22.91	23.00	1.021	0.026
		Top	21350	2560.0	0.160	0.189	100	1.00	22.91	23.00	1.021	0.193
		Bottom	21350	2560.0	-0.100	0.016	100	1.00	22.91	23.00	1.021	0.016
	50%RB	Front	21350	2560.0	0.120	0.239	100	1.00	22.91	23.00	1.021	0.244
		Back	21350	2560.0	-0.090	0.263	100	1.00	22.91	23.00	1.021	0.269
		Left	21350	2560.0	0.070	0.172	100	1.00	22.91	23.00	1.021	0.176
		Right	21350	2560.0	-0.130	0.020	100	1.00	22.91	23.00	1.021	0.020
		Top	21350	2560.0	0.150	0.162	100	1.00	22.91	23.00	1.021	0.165
		Bottom	21350	2560.0	-0.110	0.012	100	1.00	22.91	23.00	1.021	0.012

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	0.160	0.624	100	1.00	23.08	23.50	1.102	0.687
		Left Tilt	21100	2535.0	0.090	0.551	100	1.00	23.08	23.50	1.102	0.607
		Right Cheek	21100	2535.0	-0.170	0.785	100	1.00	23.08	23.50	1.102	0.865
		Right Tilt	21100	2535.0	0.180	0.713	100	1.00	23.08	23.50	1.102	0.785
	50%RB	Left Cheek	21100	2535.0	0.090	0.579	100	1.00	23.08	23.50	1.102	0.638
		Left Tilt	21100	2535.0	0.120	0.506	100	1.00	23.08	23.50	1.102	0.557
		Right Cheek	21100	2535.0	-0.110	0.712	100	1.00	23.08	23.50	1.102	0.784
		Right Tilt	21100	2535.0	0.070	0.674	100	1.00	23.08	23.50	1.102	0.742
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Front	21100	2535.0	0.150	0.249	100	1.00	23.08	23.50	1.102	0.274
		Back	21100	2535.0	-0.190	0.298	100	1.00	23.08	23.50	1.102	0.328
		Left	21100	2535.0	-0.010	0.227	100	1.00	23.08	23.50	1.102	0.250
		Right	21100	2535.0	0.030	0.023	100	1.00	23.08	23.50	1.102	0.025
		Top	21100	2535.0	0.050	0.196	100	1.00	23.08	23.50	1.102	0.216
		Bottom	21100	2535.0	-0.080	0.015	100	1.00	23.08	23.50	1.102	0.017
	50%RB	Front	21100	2535.0	0.130	0.224	100	1.00	23.08	23.50	1.102	0.247
		Back	21100	2535.0	-0.120	0.273	100	1.00	23.08	23.50	1.102	0.301
		Left	21100	2535.0	0.160	0.201	100	1.00	23.08	23.50	1.102	0.221
		Right	21100	2535.0	-0.080	0.020	100	1.00	23.08	23.50	1.102	0.022
		Top	21100	2535.0	-0.130	0.175	100	1.00	23.08	23.50	1.102	0.193
		Bottom	21100	2535.0	0.110	0.012	100	1.00	23.08	23.50	1.102	0.013

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
38-n78 (BW: 20MHz)	1RB	Left Cheek	38000	2595.0	0.130	0.180	100	1.00	22.91	23.00	1.021	0.184
		Left Tilt	38000	2595.0	0.100	0.361	100	1.00	22.91	23.00	1.021	0.369
		Right Cheek	38000	2595.0	-0.150	0.196	100	1.00	22.91	23.00	1.021	0.200
		Right Tilt	38000	2595.0	0.170	0.377	100	1.00	22.91	23.00	1.021	0.385
	50%RB	Left Cheek	38000	2595.0	0.070	0.162	100	1.00	22.91	23.00	1.021	0.165
		Left Tilt	38000	2595.0	-0.110	0.311	100	1.00	22.91	23.00	1.021	0.318
		Right Cheek	38000	2595.0	-0.100	0.175	100	1.00	22.91	23.00	1.021	0.179
		Right Tilt	38000	2595.0	0.120	0.339	100	1.00	22.91	23.00	1.021	0.346
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
38-n78 (BW: 20MHz)	1RB	Front	38000	2595.0	0.050	0.079	100	1.00	22.91	23.00	1.021	0.081
		Back	38000	2595.0	-0.170	0.093	100	1.00	22.91	23.00	1.021	0.095
		Left	38000	2595.0	0.060	0.056	100	1.00	22.91	23.00	1.021	0.057
		Right	38000	2595.0	-0.020	0.003	100	1.00	22.91	23.00	1.021	0.003
		Top	38000	2595.0	-0.120	0.043	100	1.00	22.91	23.00	1.021	0.044
		Bottom	38000	2595.0	0.130	0.002	100	1.00	22.91	23.00	1.021	0.002
	50%RB	Front	38000	2595.0	0.100	0.070	100	1.00	22.91	23.00	1.021	0.071
		Back	38000	2595.0	-0.130	0.082	100	1.00	22.91	23.00	1.021	0.084
		Left	38000	2595.0	0.050	0.050	100	1.00	22.91	23.00	1.021	0.051
		Right	38000	2595.0	-0.130	0.003	100	1.00	22.91	23.00	1.021	0.003
		Top	38000	2595.0	0.090	0.037	100	1.00	22.91	23.00	1.021	0.038
		Bottom	38000	2595.0	0.130	0.002	100	1.00	22.91	23.00	1.021	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-0.800	0.232	100	1.00	23.37	23.50	1.030	0.239
		Left Tilt	40620	2593.0	0.100	0.375	100	1.00	23.37	23.50	1.030	0.386
		Right Cheek	40620	2593.0	-0.130	0.216	100	1.00	23.37	23.50	1.030	0.223
		Right Tilt	40620	2593.0	0.090	0.416	100	1.00	23.37	23.50	1.030	0.429
	50%RB	Left Cheek	40620	2593.0	-0.600	0.204	100	1.00	23.37	23.50	1.030	0.210
		Left Tilt	40620	2593.0	0.120	0.329	100	1.00	23.37	23.50	1.030	0.339
		Right Cheek	40620	2593.0	-0.050	0.940	100	1.00	23.37	23.50	1.030	0.969
		Right Tilt	40620	2593.0	0.100	0.376	100	1.00	23.37	23.50	1.030	0.387
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Front	40620	2593.0	0.130	0.062	100	1.00	23.37	23.50	1.030	0.064
		Back	40620	2593.0	-0.090	0.094	100	1.00	23.37	23.50	1.030	0.097
		Left	40620	2593.0	-0.020	0.046	100	1.00	23.37	23.50	1.030	0.047
		Right	40620	2593.0	0.110	0.005	100	1.00	23.37	23.50	1.030	0.005
		Top	40620	2593.0	0.170	0.042	100	1.00	23.37	23.50	1.030	0.043
		Bottom	40620	2593.0	-0.120	0.002	100	1.00	23.37	23.50	1.030	0.002
	50%RB	Front	40620	2593.0	0.110	0.053	100	1.00	23.37	23.50	1.030	0.055
		Back	40620	2593.0	-0.070	0.085	100	1.00	23.37	23.50	1.030	0.088
		Left	40620	2593.0	0.130	0.040	100	1.00	23.37	23.50	1.030	0.041
		Right	40620	2593.0	-0.090	0.003	100	1.00	23.37	23.50	1.030	0.003
		Top	40620	2593.0	-0.080	0.035	100	1.00	23.37	23.50	1.030	0.036
		Bottom	40620	2593.0	-0.100	0.004	100	1.00	23.37	23.50	1.030	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n77 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	0.150	0.183	100	1.00	22.61	23.00	1.094	0.200
		Left Tilt	40620	2593.0	0.110	0.363	100	1.00	22.61	23.00	1.094	0.397
		Right Cheek	40620	2593.0	0.080	0.406	100	1.00	22.61	23.00	1.094	0.444
		Right Tilt	40620	2593.0	-0.090	0.420	100	1.00	22.61	23.00	1.094	0.459
	50%RB	Left Cheek	40620	2593.0	0.120	0.159	100	1.00	22.61	23.00	1.094	0.174
		Left Tilt	40620	2593.0	-0.160	0.311	100	1.00	22.61	23.00	1.094	0.340
		Right Cheek	40620	2593.0	0.130	0.385	100	1.00	22.61	23.00	1.094	0.421
		Right Tilt	40620	2593.0	-0.140	0.403	100	1.00	22.61	23.00	1.094	0.441
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n77 (BW: 20MHz)	1RB	Front	40620	2593.0	0.060	0.068	100	1.00	22.61	23.00	1.094	0.074
		Back	40620	2593.0	0.050	0.080	100	1.00	22.61	23.00	1.094	0.088
		Left	40620	2593.0	-0.150	0.051	100	1.00	22.61	23.00	1.094	0.056
		Right	40620	2593.0	0.040	0.021	100	1.00	22.61	23.00	1.094	0.023
		Top	40620	2593.0	-0.120	0.030	100	1.00	22.61	23.00	1.094	0.033
		Bottom	40620	2593.0	0.030	0.014	100	1.00	22.61	23.00	1.094	0.015
	50%RB	Front	40620	2593.0	0.020	0.060	100	1.00	22.61	23.00	1.094	0.066
		Back	40620	2593.0	-0.120	0.071	100	1.00	22.61	23.00	1.094	0.078
		Left	40620	2593.0	-0.100	0.045	100	1.00	22.61	23.00	1.094	0.049
		Right	40620	2593.0	0.090	0.017	100	1.00	22.61	23.00	1.094	0.019
		Top	40620	2593.0	0.070	0.025	100	1.00	22.61	23.00	1.094	0.027
		Bottom	40620	2593.0	0.110	0.012	100	1.00	22.61	23.00	1.094	0.013

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-0.050	0.169	100	1.00	22.91	23.00	1.021	0.173
		Left Tilt	40620	2593.0	-0.040	0.371	100	1.00	22.91	23.00	1.021	0.379
		Right Cheek	40620	2593.0	0.030	0.406	100	1.00	22.91	23.00	1.021	0.415
		Right Tilt	40620	2593.0	0.090	0.423	100	1.00	22.91	23.00	1.021	0.432
	50%RB	Left Cheek	40620	2593.0	-0.120	0.151	100	1.00	22.91	23.00	1.021	0.154
		Left Tilt	40620	2593.0	0.080	0.342	100	1.00	22.91	23.00	1.021	0.349
		Right Cheek	40620	2593.0	0.160	0.389	100	1.00	22.91	23.00	1.021	0.397
		Right Tilt	40620	2593.0	-0.150	0.401	100	1.00	22.91	23.00	1.021	0.409
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Front	40620	2593.0	-0.060	0.062	100	1.00	22.91	23.00	1.021	0.063
		Back	40620	2593.0	-0.070	0.082	100	1.00	22.91	23.00	1.021	0.084
		Left	40620	2593.0	-0.150	0.046	100	1.00	22.91	23.00	1.021	0.047
		Right	40620	2593.0	0.080	0.032	100	1.00	22.91	23.00	1.021	0.033
		Top	40620	2593.0	0.140	0.027	100	1.00	22.91	23.00	1.021	0.028
		Bottom	40620	2593.0	-0.160	0.019	100	1.00	22.91	23.00	1.021	0.019
	50%RB	Front	40620	2593.0	-0.090	0.052	100	1.00	22.91	23.00	1.021	0.053
		Back	40620	2593.0	0.130	0.069	100	1.00	22.91	23.00	1.021	0.070
		Left	40620	2593.0	0.070	0.037	100	1.00	22.91	23.00	1.021	0.038
		Right	40620	2593.0	-0.020	0.024	100	1.00	22.91	23.00	1.021	0.025
		Top	40620	2593.0	-0.160	0.018	100	1.00	22.91	23.00	1.021	0.018
		Bottom	40620	2593.0	0.120	0.012	100	1.00	22.91	23.00	1.021	0.012

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n7 (BW: 20MHz)	1RB	Left Cheek	132647	1777.5	0.130	0.313	100	1.00	22.36	22.50	1.033	0.323
		Left Tilt	132647	1777.5	0.160	0.448	100	1.00	22.36	22.50	1.033	0.463
		Right Cheek	132647	1777.5	-0.070	0.702	100	1.00	22.36	22.50	1.033	0.725
		Right Tilt	132647	1777.5	0.150	0.752	100	1.00	22.36	22.50	1.033	0.777
	50%RB	Left Cheek	132647	1777.5	0.050	0.227	100	1.00	22.36	22.50	1.033	0.234
		Left Tilt	132647	1777.5	0.100	0.305	100	1.00	22.36	22.50	1.033	0.315
		Right Cheek	132647	1777.5	-0.060	0.427	100	1.00	22.36	22.50	1.033	0.441
		Right Tilt	132647	1777.5	0.070	0.501	100	1.00	22.36	22.50	1.033	0.517
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n7 (BW: 20MHz)	1RB	Front	132647	1777.5	-0.110	0.192	100	1.00	22.36	22.50	1.033	0.198
		Back	132647	1777.5	0.080	0.283	100	1.00	22.36	22.50	1.033	0.292
		Left	132647	1777.5	-0.030	0.124	100	1.00	22.36	22.50	1.033	0.128
		Right	132647	1777.5	-0.060	0.041	100	1.00	22.36	22.50	1.033	0.042
		Top	132647	1777.5	0.150	0.102	100	1.00	22.36	22.50	1.033	0.105
		Bottom	132647	1777.5	0.090	0.024	100	1.00	22.36	22.50	1.033	0.025
	50%RB	Front	132647	1777.5	-0.030	0.124	100	1.00	22.36	22.50	1.033	0.128
		Back	132647	1777.5	-0.120	0.201	100	1.00	22.36	22.50	1.033	0.208
		Left	132647	1777.5	0.110	0.086	100	1.00	22.36	22.50	1.033	0.089
		Right	132647	1777.5	0.080	0.031	100	1.00	22.36	22.50	1.033	0.032
		Top	132647	1777.5	0.120	0.052	100	1.00	22.36	22.50	1.033	0.054
		Bottom	132647	1777.5	0.100	0.016	100	1.00	22.36	22.50	1.033	0.017

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n38 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	0.100	0.076	100	1.00	23.42	23.50	1.019	0.077
		Left Tilt	132322	1745.0	-0.130	0.118	100	1.00	23.42	23.50	1.019	0.120
		Right Cheek	132322	1745.0	-0.050	0.127	100	1.00	23.42	23.50	1.019	0.129
		Right Tilt	132322	1745.0	0.110	0.189	100	1.00	23.42	23.50	1.019	0.193
	50%RB	Left Cheek	132322	1745.0	0.100	0.062	100	1.00	23.42	23.50	1.019	0.063
		Left Tilt	132322	1745.0	0.090	0.078	100	1.00	23.42	23.50	1.019	0.079
		Right Cheek	132322	1745.0	-0.110	0.086	100	1.00	23.42	23.50	1.019	0.088
		Right Tilt	132322	1745.0	0.100	0.105	100	1.00	23.42	23.50	1.019	0.107
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n38 (BW: 20MHz)	1RB	Front	132322	1745.0	-0.150	0.032	100	1.00	23.42	23.50	1.019	0.033
		Back	132322	1745.0	-0.080	0.043	100	1.00	23.42	23.50	1.019	0.044
		Left	132322	1745.0	0.060	0.025	100	1.00	23.42	23.50	1.019	0.025
		Right	132322	1745.0	-0.160	0.014	100	1.00	23.42	23.50	1.019	0.014
		Top	132322	1745.0	0.080	0.018	100	1.00	23.42	23.50	1.019	0.018
		Bottom	132322	1745.0	0.040	0.009	100	1.00	23.42	23.50	1.019	0.009
	50%RB	Front	132322	1745.0	0.090	0.024	100	1.00	23.42	23.50	1.019	0.024
		Back	132322	1745.0	-0.050	0.036	100	1.00	23.42	23.50	1.019	0.037
		Left	132322	1745.0	0.040	0.018	100	1.00	23.42	23.50	1.019	0.018
		Right	132322	1745.0	0.070	0.009	100	1.00	23.42	23.50	1.019	0.009
		Top	132322	1745.0	0.040	0.012	100	1.00	23.42	23.50	1.019	0.012
		Bottom	132322	1745.0	-0.100	0.005	100	1.00	23.42	23.50	1.019	0.005

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	3.250	0.078	100	1.00	23.42	23.50	1.019	0.079
		Left Tilt	132322	1745.0	1.900	0.113	100	1.00	23.42	23.50	1.019	0.115
		Right Cheek	132322	1745.0	0.150	0.146	100	1.00	23.42	23.50	1.019	0.149
		Right Tilt	132322	1745.0	3.180	0.182	100	1.00	23.42	23.50	1.019	0.185
	50%RB	Left Cheek	132322	1745.0	0.250	0.059	100	1.00	23.42	23.50	1.019	0.060
		Left Tilt	132322	1745.0	0.900	0.062	100	1.00	23.42	23.50	1.019	0.063
		Right Cheek	132322	1745.0	-0.150	0.079	100	1.00	23.42	23.50	1.019	0.080
		Right Tilt	132322	1745.0	0.140	0.109	100	1.00	23.42	23.50	1.019	0.111
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Front	132322	1745.0	-0.150	0.034	100	1.00	23.42	23.50	1.019	0.035
		Back	132322	1745.0	-1.160	0.046	100	1.00	23.42	23.50	1.019	0.047
		Left	132322	1745.0	0.080	0.028	100	1.00	23.42	23.50	1.019	0.029
		Right	132322	1745.0	-0.140	0.016	100	1.00	23.42	23.50	1.019	0.016
		Top	132322	1745.0	0.060	0.019	100	1.00	23.42	23.50	1.019	0.019
		Bottom	132322	1745.0	0.040	0.013	100	1.00	23.42	23.50	1.019	0.013
	50%RB	Front	132322	1745.0	0.150	0.024	100	1.00	23.42	23.50	1.019	0.024
		Back	132322	1745.0	-0.160	0.030	100	1.00	23.42	23.50	1.019	0.031
		Left	132322	1745.0	0.090	0.014	100	1.00	23.42	23.50	1.019	0.014
		Right	132322	1745.0	0.250	0.011	100	1.00	23.42	23.50	1.019	0.011
		Top	132322	1745.0	0.200	0.013	100	1.00	23.42	23.50	1.019	0.013
		Bottom	132322	1745.0	-0.110	0.009	100	1.00	23.42	23.50	1.019	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n66 (BW: 20MHz)	1RB	Left Cheek	132647	1777.5	0.100	0.116	100	1.00	23.90	24.00	1.023	0.119
		Left Tilt	132647	1777.5	-0.060	0.158	100	1.00	23.90	24.00	1.023	0.162
		Right Cheek	132647	1777.5	0.100	0.327	100	1.00	23.90	24.00	1.023	0.335
		Right Tilt	132647	1777.5	0.130	0.406	100	1.00	23.90	24.00	1.023	0.415
	50%RB	Left Cheek	132647	1777.5	0.150	0.076	100	1.00	23.90	24.00	1.023	0.078
		Left Tilt	132647	1777.5	-0.060	0.124	100	1.00	23.90	24.00	1.023	0.127
		Right Cheek	132647	1777.5	0.200	0.203	100	1.00	23.90	24.00	1.023	0.208
		Right Tilt	132647	1777.5	-0.110	0.301	100	1.00	23.90	24.00	1.023	0.308
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n66 (BW: 20MHz)	1RB	Front	132647	1777.5	0.110	0.052	100	1.00	23.90	24.00	1.023	0.053
		Back	132647	1777.5	0.050	0.076	100	1.00	23.90	24.00	1.023	0.078
		Left	132647	1777.5	-0.090	0.041	100	1.00	23.90	24.00	1.023	0.042
		Right	132647	1777.5	0.110	0.030	100	1.00	23.90	24.00	1.023	0.031
		Top	132647	1777.5	-0.080	0.038	100	1.00	23.90	24.00	1.023	0.039
		Bottom	132647	1777.5	0.050	0.019	100	1.00	23.90	24.00	1.023	0.019
	50%RB	Front	132647	1777.5	-0.150	0.036	100	1.00	23.90	24.00	1.023	0.037
		Back	132647	1777.5	0.130	0.041	100	1.00	23.90	24.00	1.023	0.042
		Left	132647	1777.5	-0.100	0.028	100	1.00	23.90	24.00	1.023	0.029
		Right	132647	1777.5	0.070	0.015	100	1.00	23.90	24.00	1.023	0.015
		Top	132647	1777.5	0.110	0.020	100	1.00	23.90	24.00	1.023	0.020
		Bottom	132647	1777.5	0.030	0.010	100	1.00	23.90	24.00	1.023	0.010

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n77 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	0.160	0.155	100	1.00	22.76	23.00	1.057	0.164
		Left Tilt	132572	1770.0	0.120	0.256	100	1.00	22.76	23.00	1.057	0.271
		Right Cheek	132572	1770.0	0.050	0.269	100	1.00	22.76	23.00	1.057	0.284
		Right Tilt	132572	1770.0	0.090	0.394	100	1.00	22.76	23.00	1.057	0.416
	50%RB	Left Cheek	132572	1770.0	0.050	0.086	100	1.00	22.76	23.00	1.057	0.091
		Left Tilt	132572	1770.0	0.060	0.162	100	1.00	22.76	23.00	1.057	0.171
		Right Cheek	132572	1770.0	-0.010	0.243	100	1.00	22.76	23.00	1.057	0.257
		Right Tilt	132572	1770.0	0.130	0.280	100	1.00	22.76	23.00	1.057	0.296
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n77 (BW: 20MHz)	1RB	Front	132572	1770.0	-0.150	0.046	100	1.00	22.76	23.00	1.057	0.049
		Back	132572	1770.0	-0.150	0.061	100	1.00	22.76	23.00	1.057	0.064
		Left	132572	1770.0	0.060	0.031	100	1.00	22.76	23.00	1.057	0.033
		Right	132572	1770.0	0.130	0.018	100	1.00	22.76	23.00	1.057	0.019
		Top	132572	1770.0	-0.160	0.024	100	1.00	22.76	23.00	1.057	0.025
		Bottom	132572	1770.0	-0.030	0.013	100	1.00	22.76	23.00	1.057	0.014
	50%RB	Front	132572	1770.0	0.060	0.024	100	1.00	22.76	23.00	1.057	0.025
		Back	132572	1770.0	-0.050	0.046	100	1.00	22.76	23.00	1.057	0.049
		Left	132572	1770.0	0.130	0.020	100	1.00	22.76	23.00	1.057	0.021
		Right	132572	1770.0	-0.090	0.012	100	1.00	22.76	23.00	1.057	0.013
		Top	132572	1770.0	0.100	0.013	100	1.00	22.76	23.00	1.057	0.014
		Bottom	132572	1770.0	-0.060	0.008	100	1.00	22.76	23.00	1.057	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n78 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	0.180	0.143	100	1.00	22.98	23.00	1.005	0.144
		Left Tilt	132322	1745.0	0.090	0.270	100	1.00	22.98	23.00	1.005	0.271
		Right Cheek	132322	1745.0	0.050	0.304	100	1.00	22.98	23.00	1.005	0.305
		Right Tilt	132322	1745.0	0.070	0.319	100	1.00	22.98	23.00	1.005	0.320
	50%RB	Left Cheek	132322	1745.0	0.050	0.086	100	1.00	22.98	23.00	1.005	0.086
		Left Tilt	132322	1745.0	0.090	0.165	100	1.00	22.98	23.00	1.005	0.166
		Right Cheek	132322	1745.0	-0.120	0.184	100	1.00	22.98	23.00	1.005	0.185
		Right Tilt	132322	1745.0	0.140	0.207	100	1.00	22.98	23.00	1.005	0.208
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n78 (BW: 20MHz)	1RB	Front	132322	1745.0	-0.140	0.041	100	1.00	22.98	23.00	1.005	0.041
		Back	132322	1745.0	0.130	0.050	100	1.00	22.98	23.00	1.005	0.050
		Left	132322	1745.0	0.040	0.032	100	1.00	22.98	23.00	1.005	0.032
		Right	132322	1745.0	-0.060	0.018	100	1.00	22.98	23.00	1.005	0.018
		Top	132322	1745.0	0.080	0.025	100	1.00	22.98	23.00	1.005	0.025
		Bottom	132322	1745.0	0.110	0.011	100	1.00	22.98	23.00	1.005	0.011
	50%RB	Front	132322	1745.0	0.100	0.024	100	1.00	22.98	23.00	1.005	0.024
		Back	132322	1745.0	-0.080	0.042	100	1.00	22.98	23.00	1.005	0.042
		Left	132322	1745.0	-0.040	0.020	100	1.00	22.98	23.00	1.005	0.020
		Right	132322	1745.0	0.070	0.011	100	1.00	22.98	23.00	1.005	0.011
		Top	132322	1745.0	0.160	0.015	100	1.00	22.98	23.00	1.005	0.015
		Bottom	132322	1745.0	-0.130	0.006	100	1.00	22.98	23.00	1.005	0.006

11.4.4 Results overview of WiFi

Mode	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2.4g (2.4~2.4835) 802.11n(HT40)	Left Cheek	1	2422	0.170	0.152	100	1.00	22.51	23.00	1.119	0.170
	Left Tilt	1	2422	-0.120	0.344	100	1.00	22.51	23.00	1.119	0.385
	Right Cheek	1	2422	-0.140	0.106	100	1.00	22.51	23.00	1.119	0.119
	Right Tilt	1	2422	0.100	0.212	100	1.00	22.51	23.00	1.119	0.237
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2.4g (2.4~2.4835) 802.11n(HT40)	Front	1	2422	0.120	0.028	100	1.00	22.51	23.00	1.119	0.031
	Back	1	2422	-0.080	0.032	100	1.00	22.51	23.00	1.119	0.036
	Left	1	2422	-0.010	0.013	100	1.00	22.51	23.00	1.119	0.015
	Right	1	2422	0.050	0.024	100	1.00	22.51	23.00	1.119	0.027
	Top	1	2422	0.090	0.020	100	1.00	22.51	23.00	1.119	0.022
	Bottom	1	2422	-0.050	0.004	100	1.00	22.51	23.00	1.119	0.004

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 5180-5240 802.11n- HT20	Left Cheek	36	5180	-0.120	0.008	100	1.00	15.92	16.00	1.019	0.008
	Left Tilt	36	5180	0.080	0.016	100	1.00	15.92	16.00	1.019	0.016
	Right Cheek	36	5180	0.050	0.003	100	1.00	15.92	16.00	1.019	0.003
	Right Tilt	36	5180	-0.100	0.007	100	1.00	15.92	16.00	1.019	0.007
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 802.11n- HT20	Front	36	5180	0.120	0.010	100	1.00	15.92	16.00	1.019	0.010
	Back	36	5180	-0.020	0.016	100	1.00	15.92	16.00	1.019	0.016
	Left	36	5180	-0.140	0.003	100	1.00	15.92	16.00	1.019	0.003
	Right	36	5180	0.090	0.006	100	1.00	15.92	16.00	1.019	0.006
	Top	36	5180	-0.180	0.008	100	1.00	15.92	16.00	1.019	0.008
	Bottom	36	5180	0.020	0.002	100	1.00	15.92	16.00	1.019	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11n- HT20	Left Cheek	52	5260	-0.110	0.027	100	1.00	15.04	15.50	1.112	0.030
	Left Tilt	52	5260	0.030	0.042	100	1.00	15.04	15.50	1.112	0.047
	Right Cheek	52	5260	0.060	0.008	100	1.00	15.04	15.50	1.112	0.009
	Right Tilt	52	5260	-0.170	0.014	100	1.00	15.04	15.50	1.112	0.016
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11n- HT20	Front	52	5260	0.140	0.029	100	1.00	15.04	15.50	1.112	0.032
	Back	52	5260	-0.070	0.033	100	1.00	15.04	15.50	1.112	0.037
	Left	52	5260	-0.090	0.006	100	1.00	15.04	15.50	1.112	0.007
	Right	52	5260	0.110	0.017	100	1.00	15.04	15.50	1.112	0.019
	Top	52	5260	-0.180	0.019	100	1.00	15.04	15.50	1.112	0.021
	Bottom	52	5260	0.060	0.002	100	1.00	15.04	15.50	1.112	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Left Cheek	140	5700	-0.130	0.077	100	1.00	15.41	15.50	1.021	0.079
	Left Tilt	140	5700	-0.060	0.102	100	1.00	15.41	15.50	1.021	0.104
	Right Cheek	140	5700	0.170	0.042	100	1.00	15.41	15.50	1.021	0.043
	Right Tilt	140	5700	0.060	0.048	100	1.00	15.41	15.50	1.021	0.049
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Front	140	5700	-0.010	0.075	100	1.00	15.41	15.50	1.021	0.077
	Back	140	5700	-0.050	0.091	100	1.00	15.41	15.50	1.021	0.093
	Left	140	5700	0.030	0.017	100	1.00	15.41	15.50	1.021	0.017
	Right	140	5700	0.050	0.035	100	1.00	15.41	15.50	1.021	0.036
	Top	140	5700	-0.020	0.056	100	1.00	15.41	15.50	1.021	0.057
	Bottom	140	5700	-0.140	0.002	100	1.00	15.41	15.50	1.021	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11n- HT40	Left Cheek	151	5755	-0.090	0.128	100	1.00	16.26	16.50	1.057	0.135
	Left Tilt	151	5755	0.010	0.196	100	1.00	16.26	16.50	1.057	0.207
	Right Cheek	151	5755	-0.050	0.061	100	1.00	16.26	16.50	1.057	0.064
	Right Tilt	151	5755	-0.170	0.069	100	1.00	16.26	16.50	1.057	0.073
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11n- HT40	Front	151	5755	0.070	0.093	100	1.00	16.26	16.50	1.057	0.098
	Back	151	5755	-0.030	0.121	100	1.00	16.26	16.50	1.057	0.128
	Left	151	5755	-0.020	0.014	100	1.00	16.26	16.50	1.057	0.015
	Right	151	5755	0.010	0.039	100	1.00	16.26	16.50	1.057	0.041
	Top	151	5755	0.050	0.056	100	1.00	16.26	16.50	1.057	0.059
	Bottom	151	5755	-0.120	0.004	100	1.00	16.26	16.50	1.057	0.004

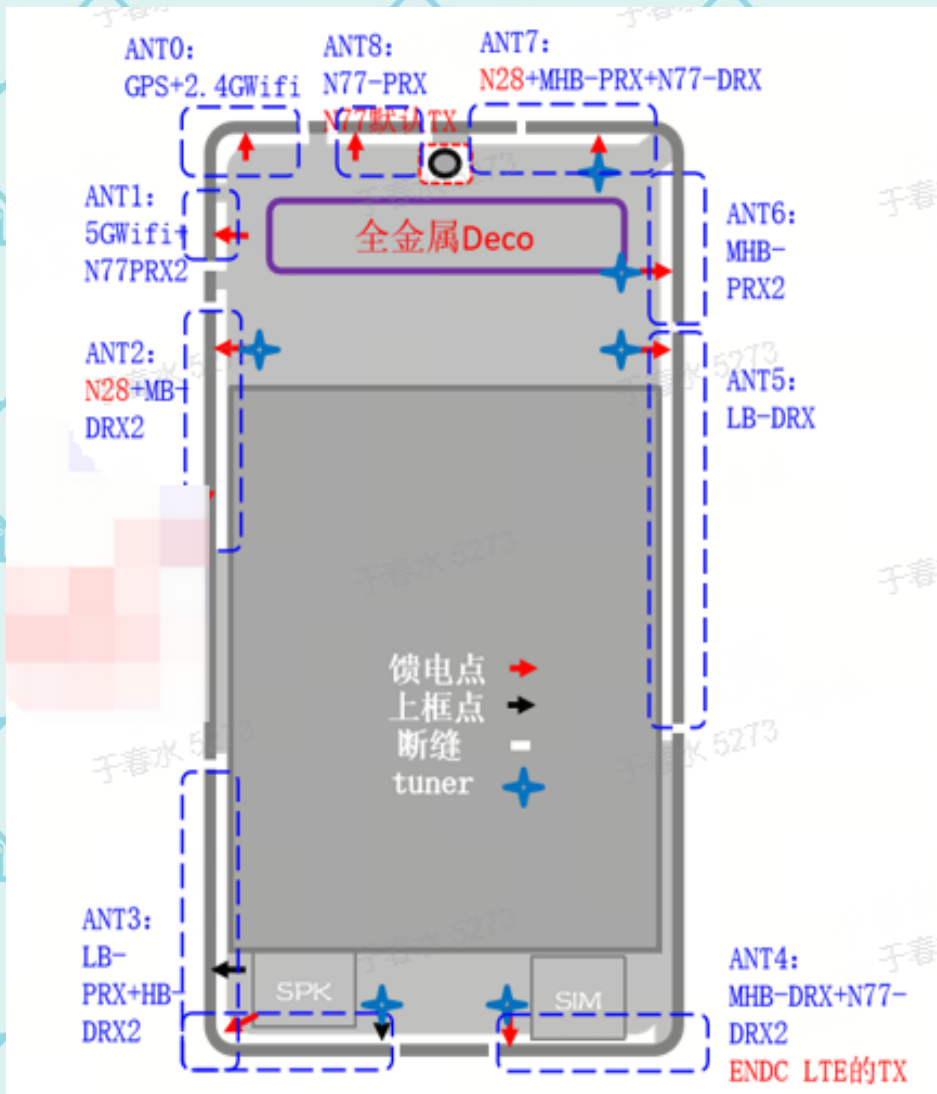
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Left Cheek	0	2402	-0.090	0.166	100	1.00	6.98	7.00	1.005	0.167
	Left Tilt	0	2402	-0.160	0.278	100	1.00	6.98	7.00	1.005	0.279
	Right Cheek	0	2402	0.040	0.094	100	1.00	6.98	7.00	1.005	0.094
	Right Tilt	0	2402	-0.030	0.127	100	1.00	6.98	7.00	1.005	0.128
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Front	0	2402	-0.010	0.028	100	1.00	6.98	7.00	1.005	0.028
	Back	0	2402	0.050	0.033	100	1.00	6.98	7.00	1.005	0.033
	Left	0	2402	-0.140	0.007	100	1.00	6.98	7.00	1.005	0.007
	Right	0	2402	0.060	0.021	100	1.00	6.98	7.00	1.005	0.021
	Top	0	2402	-0.020	0.016	100	1.00	6.98	7.00	1.005	0.016
	Bottom	0	2402	0.050	0.002	100	1.00	6.98	7.00	1.005	0.002

Note:

- 1.The maximum SAR Value of each test band is marked bold.
- 2.SAR plot is provided only for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
- 3.Per KDB 447498 D01 v06, for each exposure position, if the highest output power channel Reported SAR $\leq 0.8\text{W/kg}$, other channels SAR testing is not necessary.
- 4.Per KDB 447498 D01 v06, head/body-worn use is evaluated with the device positioned at 0mm/10 mm from a head/flat phantom respectively filled with head tissue-equivalent medium.
- 5.Per KDB Publication 941225 D06 where SAR test considerations for handsets ($L \times W \geq 9 \text{ cm} \times 5 \text{ cm}$) are based on a composite test separation distance of 10 mm from the front, back and edges of the device with antennas 2.5 cm or closer to the edge of the device, determined from general mixed use conditions for this type of devices. Since the hotspot SAR results may overlap with the body-worn accessory SAR requirements, the more conservative configurations can be considered, thus excluding some body-worn accessory SAR tests.
- 6.Per KDB 447498 D01 v06, the report SAR is measured SAR value adjusted for maximum tune-up tolerance. Scaling Factor= $10^{[(\text{tune-up limit power(dBm)} - \text{Ave.power power (dBm)})/10]}$, where tune-up limit is the maximum rated power among all production units.
- 7.Reported SAR(W/kg)=Measured SAR (W/kg)*Scaling Factor.

12 Multiple Transmitter Information

The SAR measurement positions of each side are as below:



< Rear Side >

Mode	Front side	Rear side	Left side	Right side	Top side	Bottom side
2G/3G/4G /5G Antenna	Yes	Yes	Yes	Yes	Yes	Yes
Wi-Fi/BT Antenna	Yes	Yes	Yes	Yes	Yes	Yes

- 1) Per KDB941225 D06V01R01, the DUT Dimension is bigger than 9 cm x 5 cm, so 10mm is chosen as the test separation distance for Hotspot mode. When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

12.1 Simultaneous Transmission Possibilities

The Simultaneous Transmission Possibilities are as below:

Simultaneous Transmission Possibilities				
Simultaneous Tx Combination	Configuration	Head	Body	Hotspot
1	GSM/GPRS/UMTS/LTE/NR +Wi-Fi	YES	YES	YES
2	GSM/GPRS/UMTS/LTE/NR +BT	YES	YES	YES

Note: The device does not support simultaneous BT and Wi-Fi ,because the BT and Wi-Fi share the same antenna and can't transmit simultaneously.

12.1.1 SAR Summation Scenario

Head

Band	Test Position	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
GSM850 (voice)	Left Cheek	0.128	0.170	0.135	0.167	0.298	1.6
	Left Tilt	0.079	0.385	0.207	0.279	0.464	
	Right Cheek	0.169	0.119	0.064	0.094	0.288	
	Right Tilt	0.104	0.237	0.073	0.128	0.341	
GSM1900 (voice)	Left Cheek	0.135	0.170	0.135	0.167	0.305	
	Left Tilt	0.271	0.385	0.207	0.279	0.656	
	Right Cheek	0.296	0.119	0.064	0.094	0.415	
	Right Tilt	0.503	0.237	0.073	0.128	0.740	
WCDMA Band 2	Left Cheek	0.162	0.170	0.135	0.167	0.332	
	Left Tilt	0.243	0.385	0.207	0.279	0.628	
	Right Cheek	0.305	0.119	0.064	0.094	0.424	
	Right Tilt	0.425	0.237	0.073	0.128	0.662	
WCDMA Band 4	Left Cheek	0.179	0.170	0.135	0.167	0.349	
	Left Tilt	0.253	0.385	0.207	0.279	0.638	
	Right Cheek	0.268	0.119	0.064	0.094	0.387	
	Right Tilt	0.479	0.237	0.073	0.128	0.716	
WCDMA Band 5	Left Cheek	0.081	0.170	0.135	0.167	0.251	
	Left Tilt	0.039	0.385	0.207	0.279	0.424	
	Right Cheek	0.086	0.119	0.064	0.094	0.205	
	Right Tilt	0.045	0.237	0.073	0.128	0.282	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
LTE Band 2 QPSK (20MHz)	Left Cheek	1RB	0.113	0.170	0.135	0.167	0.283	1.6
	Left Tilt		0.238	0.385	0.207	0.279	0.623	
	Right Cheek		0.228	0.119	0.064	0.094	0.347	
	Right Tilt		0.451	0.237	0.073	0.128	0.688	
	Left Cheek	50%RB	0.096	0.170	0.135	0.167	0.266	
	Left Tilt		0.194	0.385	0.207	0.279	0.579	
	Right Cheek		0.179	0.119	0.064	0.094	0.298	
	Right Tilt		0.359	0.237	0.073	0.128	0.596	
LTE Band 4 QPSK (20MHz)	Left Cheek	1RB	0.178	0.170	0.135	0.167	0.348	
	Left Tilt		0.339	0.385	0.207	0.279	0.724	
	Right Cheek		0.329	0.119	0.064	0.094	0.448	
	Right Tilt		0.594	0.237	0.073	0.128	0.831	
	Left Cheek	50%RB	0.150	0.170	0.135	0.167	0.320	
	Left Tilt		0.289	0.385	0.207	0.279	0.674	
	Right Cheek		0.268	0.119	0.064	0.094	0.387	
	Right Tilt		0.498	0.237	0.073	0.128	0.735	
LTE Band 5 QPSK (10MHz)	Left Cheek	1RB	0.104	0.170	0.135	0.167	0.274	
	Left Tilt		0.054	0.385	0.207	0.279	0.439	
	Right Cheek		0.114	0.119	0.064	0.094	0.233	
	Right Tilt		0.056	0.237	0.073	0.128	0.293	
	Left Cheek	50%RB	0.088	0.170	0.135	0.167	0.258	
	Left Tilt		0.046	0.385	0.207	0.279	0.431	
	Right Cheek		0.096	0.119	0.064	0.094	0.215	
	Right Tilt		0.048	0.237	0.073	0.128	0.285	
LTE Band 7 QPSK (20MHz)	Left Cheek	1RB	0.121	0.170	0.135	0.167	0.291	
	Left Tilt		0.205	0.385	0.207	0.279	0.590	
	Right Cheek		0.282	0.119	0.064	0.094	0.401	
	Right Tilt		0.488	0.237	0.073	0.128	0.725	
	Left Cheek	50%RB	0.103	0.170	0.135	0.167	0.273	
	Left Tilt		0.176	0.385	0.207	0.279	0.561	
	Right Cheek		0.224	0.119	0.064	0.094	0.343	
	Right Tilt		0.390	0.237	0.073	0.128	0.627	
LTE Band 12 QPSK (10MHz)	Left Cheek	1RB	0.049	0.170	0.135	0.167	0.219	
	Left Tilt		0.018	0.385	0.207	0.279	0.403	
	Right Cheek		0.055	0.119	0.064	0.094	0.174	
	Right Tilt		0.031	0.237	0.073	0.128	0.268	
	Left Cheek	50%RB	0.040	0.170	0.135	0.167	0.210	
	Left Tilt		0.015	0.385	0.207	0.279	0.400	
	Right Cheek		0.044	0.119	0.064	0.094	0.163	
	Right Tilt		0.024	0.237	0.073	0.128	0.261	
LTE Band 13 QPSK (10MHz)	Left Cheek	1RB	0.043	0.170	0.135	0.167	0.213	
	Left Tilt		0.018	0.385	0.207	0.279	0.403	
	Right Cheek		0.035	0.119	0.064	0.094	0.154	
	Right Tilt		0.014	0.237	0.073	0.128	0.251	
	Left Cheek	50%RB	0.035	0.170	0.135	0.167	0.205	
	Left Tilt		0.013	0.385	0.207	0.279	0.398	
	Right Cheek		0.029	0.119	0.064	0.094	0.148	
	Right Tilt		0.012	0.237	0.073	0.128	0.249	
LTE Band 17 QPSK (10MHz)	Left Cheek	1RB	0.055	0.170	0.135	0.167	0.225	
	Left Tilt		0.025	0.385	0.207	0.279	0.410	
	Right Cheek		0.056	0.119	0.064	0.094	0.175	
	Right Tilt		0.029	0.237	0.073	0.128	0.266	
	Left Cheek	50%RB	0.047	0.170	0.135	0.167	0.217	
	Left Tilt		0.020	0.385	0.207	0.279	0.405	
	Right Cheek		0.046	0.119	0.064	0.094	0.165	
	Right Tilt		0.024	0.237	0.073	0.128	0.261	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
LTE Band 38 QPSK (20MHz)	Left Cheek	1RB	0.080	0.170	0.135	0.167	0.250	1.6
	Left Tilt		0.168	0.385	0.207	0.279	0.553	
	Right Cheek		0.229	0.119	0.064	0.094	0.348	
	Right Tilt		0.447	0.237	0.073	0.128	0.684	
	Left Cheek	50%RB	0.064	0.170	0.135	0.167	0.234	
	Left Tilt		0.135	0.385	0.207	0.279	0.520	
	Right Cheek		0.181	0.119	0.064	0.094	0.300	
	Right Tilt		0.361	0.237	0.073	0.128	0.598	
LTE Band 41 QPSK (20MHz)	Left Cheek	1RB	0.118	0.170	0.135	0.167	0.288	
	Left Tilt		0.185	0.385	0.207	0.279	0.570	
	Right Cheek		0.142	0.119	0.064	0.094	0.261	
	Right Tilt		0.478	0.237	0.073	0.128	0.715	
	Left Cheek	50%RB	0.100	0.170	0.135	0.167	0.270	
	Left Tilt		0.148	0.385	0.207	0.279	0.533	
	Right Cheek		0.112	0.119	0.064	0.094	0.231	
	Right Tilt		0.383	0.237	0.073	0.128	0.620	
LTE Band 42 QPSK (20MHz)	Left Cheek	1RB	0.155	0.170	0.135	0.167	0.325	
	Left Tilt		0.375	0.385	0.207	0.279	0.760	
	Right Cheek		0.116	0.119	0.064	0.094	0.235	
	Right Tilt		0.193	0.237	0.073	0.128	0.430	
	Left Cheek	50%RB	0.123	0.170	0.135	0.167	0.293	
	Left Tilt		0.312	0.385	0.207	0.279	0.697	
	Right Cheek		0.094	0.119	0.064	0.094	0.213	
	Right Tilt		0.154	0.237	0.073	0.128	0.391	
LTE Band 66 QPSK (20MHz)	Left Cheek	1RB	0.389	0.170	0.135	0.167	0.559	
	Left Tilt		0.641	0.385	0.207	0.279	1.026	
	Right Cheek		0.457	0.119	0.064	0.094	0.576	
	Right Tilt		0.711	0.237	0.073	0.128	0.948	
	Left Cheek	50%RB	0.331	0.170	0.135	0.167	0.501	
	Left Tilt		0.532	0.385	0.207	0.279	0.917	
	Right Cheek		0.360	0.119	0.064	0.094	0.479	
	Right Tilt		0.570	0.237	0.073	0.128	0.807	
NR Band 5	Left Cheek	1RB	0.148	0.170	0.135	0.167	0.318	
	Left Tilt		0.062	0.385	0.207	0.279	0.447	
	Right Cheek		0.150	0.119	0.064	0.094	0.269	
	Right Tilt		0.079	0.237	0.073	0.128	0.316	
	Left Cheek	50%RB	0.141	0.170	0.135	0.167	0.311	
	Left Tilt		0.055	0.385	0.207	0.279	0.440	
	Right Cheek		0.148	0.119	0.064	0.094	0.267	
	Right Tilt		0.077	0.237	0.073	0.128	0.314	
NR Band 7	Left Cheek	1RB	0.118	0.170	0.135	0.167	0.288	
	Left Tilt		0.216	0.385	0.207	0.279	0.601	
	Right Cheek		0.293	0.119	0.064	0.094	0.412	
	Right Tilt		0.647	0.237	0.073	0.128	0.884	
	Left Cheek	50%RB	0.099	0.170	0.135	0.167	0.269	
	Left Tilt		0.169	0.385	0.207	0.279	0.554	
	Right Cheek		0.240	0.119	0.064	0.094	0.359	
	Right Tilt		0.532	0.237	0.073	0.128	0.769	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
NR Band12	Left Cheek	1RB	0.056	0.170	0.135	0.167	0.226	1.6
	Left Tilt		0.026	0.385	0.207	0.279	0.411	
	Right Cheek		0.061	0.119	0.064	0.094	0.180	
	Right Tilt		0.031	0.237	0.073	0.128	0.268	
	Left Cheek	50%RB	0.047	0.170	0.135	0.167	0.217	
	Left Tilt		0.022	0.385	0.207	0.279	0.407	
	Right Cheek		0.051	0.119	0.064	0.094	0.170	
	Right Tilt		0.025	0.237	0.073	0.128	0.262	
NR Band38	Left Cheek	1RB	0.258	0.170	0.135	0.167	0.428	
	Left Tilt		0.318	0.385	0.207	0.279	0.703	
	Right Cheek		0.286	0.119	0.064	0.094	0.405	
	Right Tilt		0.763	0.237	0.073	0.128	1.000	
	Left Cheek	50%RB	0.210	0.170	0.135	0.167	0.380	
	Left Tilt		0.266	0.385	0.207	0.279	0.651	
	Right Cheek		0.232	0.119	0.064	0.094	0.351	
	Right Tilt		0.624	0.237	0.073	0.128	0.861	
NR Band41	Left Cheek	1RB	0.099	0.170	0.135	0.167	0.269	
	Left Tilt		0.206	0.385	0.207	0.279	0.591	
	Right Cheek		0.255	0.119	0.064	0.094	0.374	
	Right Tilt		0.565	0.237	0.073	0.128	0.802	
	Left Cheek	50%RB	0.083	0.170	0.135	0.167	0.253	
	Left Tilt		0.161	0.385	0.207	0.279	0.546	
	Right Cheek		0.215	0.119	0.064	0.094	0.334	
	Right Tilt		0.473	0.237	0.073	0.128	0.710	
NR Band66	Left Cheek	1RB	0.172	0.170	0.135	0.167	0.342	
	Left Tilt		0.237	0.385	0.207	0.279	0.622	
	Right Cheek		0.268	0.119	0.064	0.094	0.387	
	Right Tilt		0.502	0.237	0.073	0.128	0.739	
	Left Cheek	50%RB	0.141	0.170	0.135	0.167	0.311	
	Left Tilt		0.203	0.385	0.207	0.279	0.588	
	Right Cheek		0.219	0.119	0.064	0.094	0.338	
	Right Tilt		0.395	0.237	0.073	0.128	0.632	
NR Band77	Left Cheek	1RB	0.331	0.170	0.135	0.167	0.501	
	Left Tilt		0.568	0.385	0.207	0.279	0.953	
	Right Cheek		0.166	0.119	0.064	0.094	0.285	
	Right Tilt		0.376	0.237	0.073	0.128	0.613	
	Left Cheek	50%RB	0.259	0.170	0.135	0.167	0.429	
	Left Tilt		0.463	0.385	0.207	0.279	0.848	
	Right Cheek		0.133	0.119	0.064	0.094	0.252	
	Right Tilt		0.311	0.237	0.073	0.128	0.548	
NR Band77	Left Cheek	1RB	0.166	0.170	0.135	0.167	0.336	
	Left Tilt		0.463	0.385	0.207	0.279	0.848	
	Right Cheek		0.144	0.119	0.064	0.094	0.263	
	Right Tilt		0.233	0.237	0.073	0.128	0.470	
	Left Cheek	50%RB	0.131	0.170	0.135	0.167	0.301	
	Left Tilt		0.393	0.385	0.207	0.279	0.778	
	Right Cheek		0.115	0.119	0.064	0.094	0.234	
	Right Tilt		0.193	0.237	0.073	0.128	0.430	
NR Band77	Left Cheek	1RB	0.292	0.170	0.135	0.167	0.462	
	Left Tilt		0.634	0.385	0.207	0.279	1.019	
	Right Cheek		0.178	0.119	0.064	0.094	0.297	
	Right Tilt		0.399	0.237	0.073	0.128	0.636	
	Left Cheek	50%RB	0.234	0.170	0.135	0.167	0.404	
	Left Tilt		0.518	0.385	0.207	0.279	0.903	
	Right Cheek		0.143	0.119	0.064	0.094	0.262	
	Right Tilt		0.312	0.237	0.073	0.128	0.549	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
NR Band78	Left Cheek	1RB	0.227	0.170	0.135	0.167	0.397	1.6
	Left Tilt		0.453	0.385	0.207	0.279	0.838	
	Right Cheek		0.126	0.119	0.064	0.094	0.245	
	Right Tilt		0.289	0.237	0.073	0.128	0.526	
	Left Cheek	50%RB	0.179	0.170	0.135	0.167	0.349	
	Left Tilt		0.357	0.385	0.207	0.279	0.742	
	Right Cheek		0.099	0.119	0.064	0.094	0.218	
	Right Tilt		0.237	0.237	0.073	0.128	0.474	
NR Band78	Left Cheek	1RB	0.165	0.170	0.135	0.167	0.335	
	Left Tilt		0.351	0.385	0.207	0.279	0.736	
	Right Cheek		0.104	0.119	0.064	0.094	0.223	
	Right Tilt		0.215	0.237	0.073	0.128	0.452	
	Left Cheek	50%RB	0.129	0.170	0.135	0.167	0.299	
	Left Tilt		0.276	0.385	0.207	0.279	0.661	
	Right Cheek		0.086	0.119	0.064	0.094	0.205	
	Right Tilt		0.169	0.237	0.073	0.128	0.406	
NR Band78	Left Cheek	1RB	0.179	0.170	0.135	0.167	0.349	
	Left Tilt		0.379	0.385	0.207	0.279	0.764	
	Right Cheek		0.112	0.119	0.064	0.094	0.231	
	Right Tilt		0.269	0.237	0.073	0.128	0.506	
	Left Cheek	50%RB	0.141	0.170	0.135	0.167	0.311	
	Left Tilt		0.312	0.385	0.207	0.279	0.697	
	Right Cheek		0.095	0.119	0.064	0.094	0.214	
	Right Tilt		0.212	0.237	0.073	0.128	0.449	
2-n7	Left Cheek	1RB	0.332	0.170	0.135	0.167	0.502	
	Left Tilt		0.547	0.385	0.207	0.279	0.932	
	Right Cheek		0.429	0.119	0.064	0.094	0.548	
	Right Tilt		0.778	0.237	0.073	0.128	1.015	
	Left Cheek	50%RB	0.298	0.170	0.135	0.167	0.468	
	Left Tilt		0.508	0.385	0.207	0.279	0.893	
	Right Cheek		0.376	0.119	0.064	0.094	0.495	
	Right Tilt		0.753	0.237	0.073	0.128	0.990	
2-n66	Left Cheek	1RB	0.665	0.170	0.135	0.167	0.835	
	Left Tilt		0.835	0.385	0.207	0.279	1.220	
	Right Cheek		0.787	0.119	0.064	0.094	0.906	
	Right Tilt		0.897	0.237	0.073	0.128	1.134	
	Left Cheek	50%RB	0.643	0.170	0.135	0.167	0.813	
	Left Tilt		0.791	0.385	0.207	0.279	1.176	
	Right Cheek		0.774	0.119	0.064	0.094	0.893	
	Right Tilt		0.874	0.237	0.073	0.128	1.111	
2-n78	Left Cheek	1RB	0.065	0.170	0.135	0.167	0.235	
	Left Tilt		0.097	0.385	0.207	0.279	0.482	
	Right Cheek		0.091	0.119	0.064	0.094	0.210	
	Right Tilt		0.112	0.237	0.073	0.128	0.349	
	Left Cheek	50%RB	0.055	0.170	0.135	0.167	0.225	
	Left Tilt		0.088	0.385	0.207	0.279	0.473	
	Right Cheek		0.079	0.119	0.064	0.094	0.198	
	Right Tilt		0.097	0.237	0.073	0.128	0.334	
4-n7	Left Cheek	1RB	0.381	0.170	0.135	0.167	0.551	
	Left Tilt		0.525	0.385	0.207	0.279	0.910	
	Right Cheek		0.417	0.119	0.064	0.094	0.536	
	Right Tilt		0.663	0.237	0.073	0.128	0.900	
	Left Cheek	50%RB	0.369	0.170	0.135	0.167	0.539	
	Left Tilt		0.506	0.385	0.207	0.279	0.891	
	Right Cheek		0.399	0.119	0.064	0.094	0.518	
	Right Tilt		0.629	0.237	0.073	0.128	0.866	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
4-n38	Left Cheek	1RB	0.084	0.170	0.135	0.167	0.254	1.6
	Left Tilt		0.130	0.385	0.207	0.279	0.515	
	Right Cheek		0.111	0.119	0.064	0.094	0.230	
	Right Tilt		0.166	0.237	0.073	0.128	0.403	
	Left Cheek	50%RB	0.079	0.170	0.135	0.167	0.249	
	Left Tilt		0.120	0.385	0.207	0.279	0.505	
	Right Cheek		0.090	0.119	0.064	0.094	0.209	
	Right Tilt		0.138	0.237	0.073	0.128	0.375	
4-n41	Left Cheek	1RB	0.090	0.170	0.135	0.167	0.260	
	Left Tilt		0.151	0.385	0.207	0.279	0.536	
	Right Cheek		0.120	0.119	0.064	0.094	0.239	
	Right Tilt		0.164	0.237	0.073	0.128	0.401	
	Left Cheek	50%RB	0.049	0.170	0.135	0.167	0.219	
	Left Tilt		0.090	0.385	0.207	0.279	0.475	
	Right Cheek		0.056	0.119	0.064	0.094	0.175	
	Right Tilt		0.106	0.237	0.073	0.128	0.343	
4-n78	Left Cheek	1RB	0.164	0.170	0.135	0.167	0.334	
	Left Tilt		0.370	0.385	0.207	0.279	0.755	
	Right Cheek		0.152	0.119	0.064	0.094	0.271	
	Right Tilt		0.332	0.237	0.073	0.128	0.569	
	Left Cheek	50%RB	0.095	0.170	0.135	0.167	0.265	
	Left Tilt		0.203	0.385	0.207	0.279	0.588	
	Right Cheek		0.071	0.119	0.064	0.094	0.190	
	Right Tilt		0.179	0.237	0.073	0.128	0.416	
5-n7	Left Cheek	1RB	0.255	0.170	0.135	0.167	0.425	
	Left Tilt		0.428	0.385	0.207	0.279	0.813	
	Right Cheek		0.325	0.119	0.064	0.094	0.444	
	Right Tilt		0.514	0.237	0.073	0.128	0.751	
	Left Cheek	50%RB	0.212	0.170	0.135	0.167	0.382	
	Left Tilt		0.312	0.385	0.207	0.279	0.697	
	Right Cheek		0.226	0.119	0.064	0.094	0.345	
	Right Tilt		0.331	0.237	0.073	0.128	0.568	
5-n38	Left Cheek	1RB	0.060	0.170	0.135	0.167	0.230	
	Left Tilt		0.091	0.385	0.207	0.279	0.476	
	Right Cheek		0.074	0.119	0.064	0.094	0.193	
	Right Tilt		0.123	0.237	0.073	0.128	0.360	
	Left Cheek	50%RB	0.038	0.170	0.135	0.167	0.208	
	Left Tilt		0.065	0.385	0.207	0.279	0.450	
	Right Cheek		0.056	0.119	0.064	0.094	0.175	
	Right Tilt		0.089	0.237	0.073	0.128	0.326	
5-n41	Left Cheek	1RB	0.056	0.170	0.135	0.167	0.226	
	Left Tilt		0.086	0.385	0.207	0.279	0.471	
	Right Cheek		0.068	0.119	0.064	0.094	0.187	
	Right Tilt		0.114	0.237	0.073	0.128	0.351	
	Left Cheek	50%RB	0.039	0.170	0.135	0.167	0.209	
	Left Tilt		0.051	0.385	0.207	0.279	0.436	
	Right Cheek		0.046	0.119	0.064	0.094	0.165	
	Right Tilt		0.062	0.237	0.073	0.128	0.299	
5-n66	Left Cheek	1RB	0.348	0.170	0.135	0.167	0.518	
	Left Tilt		0.498	0.385	0.207	0.279	0.883	
	Right Cheek		0.418	0.119	0.064	0.094	0.537	
	Right Tilt		0.602	0.237	0.073	0.128	0.839	
	Left Cheek	50%RB	0.272	0.170	0.135	0.167	0.442	
	Left Tilt		0.443	0.385	0.207	0.279	0.828	
	Right Cheek		0.323	0.119	0.064	0.094	0.442	
	Right Tilt		0.528	0.237	0.073	0.128	0.765	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
5-n77	Left Cheek	1RB	0.099	0.170	0.135	0.167	0.269	1.6
	Left Tilt		0.215	0.385	0.207	0.279	0.600	
	Right Cheek		0.107	0.119	0.064	0.094	0.226	
	Right Tilt		0.226	0.237	0.073	0.128	0.463	
	Left Cheek	50%RB	0.048	0.170	0.135	0.167	0.218	
	Left Tilt		0.110	0.385	0.207	0.279	0.495	
	Right Cheek		0.064	0.119	0.064	0.094	0.183	
	Right Tilt		0.139	0.237	0.073	0.128	0.376	
5-n78	Left Cheek	1RB	0.091	0.170	0.135	0.167	0.261	
	Left Tilt		0.215	0.385	0.207	0.279	0.600	
	Right Cheek		0.097	0.119	0.064	0.094	0.216	
	Right Tilt		0.228	0.237	0.073	0.128	0.465	
	Left Cheek	50%RB	0.077	0.170	0.135	0.167	0.247	
	Left Tilt		0.186	0.385	0.207	0.279	0.571	
	Right Cheek		0.083	0.119	0.064	0.094	0.202	
	Right Tilt		0.206	0.237	0.073	0.128	0.443	
7-n7	Left Cheek	1RB	0.475	0.170	0.135	0.167	0.645	
	Left Tilt		0.531	0.385	0.207	0.279	0.916	
	Right Cheek		0.567	0.119	0.064	0.094	0.686	
	Right Tilt		0.660	0.237	0.073	0.128	0.897	
	Left Cheek	50%RB	0.415	0.170	0.135	0.167	0.585	
	Left Tilt		0.457	0.385	0.207	0.279	0.842	
	Right Cheek		0.537	0.119	0.064	0.094	0.656	
	Right Tilt		0.632	0.237	0.073	0.128	0.869	
7-n66	Left Cheek	1RB	0.722	0.170	0.135	0.167	0.892	
	Left Tilt		0.790	0.385	0.207	0.279	1.175	
	Right Cheek		0.733	0.119	0.064	0.094	0.852	
	Right Tilt		0.824	0.237	0.073	0.128	1.061	
	Left Cheek	50%RB	0.679	0.170	0.135	0.167	0.849	
	Left Tilt		0.722	0.385	0.207	0.279	1.107	
	Right Cheek		0.700	0.119	0.064	0.094	0.819	
	Right Tilt		0.780	0.237	0.073	0.128	1.017	
7-n77	Left Cheek	1RB	0.624	0.170	0.135	0.167	0.794	
	Left Tilt		0.550	0.385	0.207	0.279	0.935	
	Right Cheek		0.809	0.119	0.064	0.094	0.928	
	Right Tilt		0.719	0.237	0.073	0.128	0.956	
	Left Cheek	50%RB	0.585	0.170	0.135	0.167	0.755	
	Left Tilt		0.469	0.385	0.207	0.279	0.854	
	Right Cheek		0.731	0.119	0.064	0.094	0.850	
	Right Tilt		0.695	0.237	0.073	0.128	0.932	
7-n78	Left Cheek	1RB	0.687	0.170	0.135	0.167	0.857	
	Left Tilt		0.607	0.385	0.207	0.279	0.992	
	Right Cheek		0.865	0.119	0.064	0.094	0.984	
	Right Tilt		0.785	0.237	0.073	0.128	1.022	
	Left Cheek	50%RB	0.638	0.170	0.135	0.167	0.808	
	Left Tilt		0.557	0.385	0.207	0.279	0.942	
	Right Cheek		0.784	0.119	0.064	0.094	0.903	
	Right Tilt		0.742	0.237	0.073	0.128	0.979	
38-n78	Left Cheek	1RB	0.184	0.170	0.135	0.167	0.354	
	Left Tilt		0.369	0.385	0.207	0.279	0.754	
	Right Cheek		0.200	0.119	0.064	0.094	0.319	
	Right Tilt		0.385	0.237	0.073	0.128	0.622	
	Left Cheek	50%RB	0.165	0.170	0.135	0.167	0.335	
	Left Tilt		0.318	0.385	0.207	0.279	0.703	
	Right Cheek		0.179	0.119	0.064	0.094	0.298	
	Right Tilt		0.346	0.237	0.073	0.128	0.583	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
41-n41	Left Cheek	1RB	0.239	0.170	0.135	0.167	0.409	1.6
	Left Tilt		0.386	0.385	0.207	0.279	0.771	
	Right Cheek		0.223	0.119	0.064	0.094	0.342	
	Right Tilt		0.429	0.237	0.073	0.128	0.666	
	Left Cheek	50%RB	0.210	0.170	0.135	0.167	0.380	
	Left Tilt		0.339	0.385	0.207	0.279	0.724	
	Right Cheek		0.969	0.119	0.064	0.094	1.088	
	Right Tilt		0.387	0.237	0.073	0.128	0.624	
41-n77	Left Cheek	1RB	0.200	0.170	0.135	0.167	0.370	
	Left Tilt		0.397	0.385	0.207	0.279	0.782	
	Right Cheek		0.444	0.119	0.064	0.094	0.563	
	Right Tilt		0.459	0.237	0.073	0.128	0.696	
	Left Cheek	50%RB	0.174	0.170	0.135	0.167	0.344	
	Left Tilt		0.340	0.385	0.207	0.279	0.725	
	Right Cheek		0.421	0.119	0.064	0.094	0.540	
	Right Tilt		0.441	0.237	0.073	0.128	0.678	
41-n78	Left Cheek	1RB	0.173	0.170	0.135	0.167	0.343	
	Left Tilt		0.379	0.385	0.207	0.279	0.764	
	Right Cheek		0.415	0.119	0.064	0.094	0.534	
	Right Tilt		0.432	0.237	0.073	0.128	0.669	
	Left Cheek	50%RB	0.154	0.170	0.135	0.167	0.324	
	Left Tilt		0.349	0.385	0.207	0.279	0.734	
	Right Cheek		0.397	0.119	0.064	0.094	0.516	
	Right Tilt		0.409	0.237	0.073	0.128	0.646	
66-n7	Left Cheek	1RB	0.323	0.170	0.135	0.167	0.493	
	Left Tilt		0.463	0.385	0.207	0.279	0.848	
	Right Cheek		0.725	0.119	0.064	0.094	0.844	
	Right Tilt		0.777	0.237	0.073	0.128	1.014	
	Left Cheek	50%RB	0.234	0.170	0.135	0.167	0.404	
	Left Tilt		0.315	0.385	0.207	0.279	0.700	
	Right Cheek		0.441	0.119	0.064	0.094	0.560	
	Right Tilt		0.517	0.237	0.073	0.128	0.754	
66-n38	Left Cheek	1RB	0.077	0.170	0.135	0.167	0.247	
	Left Tilt		0.120	0.385	0.207	0.279	0.505	
	Right Cheek		0.129	0.119	0.064	0.094	0.248	
	Right Tilt		0.193	0.237	0.073	0.128	0.430	
	Left Cheek	50%RB	0.063	0.170	0.135	0.167	0.233	
	Left Tilt		0.079	0.385	0.207	0.279	0.464	
	Right Cheek		0.088	0.119	0.064	0.094	0.207	
	Right Tilt		0.107	0.237	0.073	0.128	0.344	
66-n41	Left Cheek	1RB	0.079	0.170	0.135	0.167	0.249	
	Left Tilt		0.115	0.385	0.207	0.279	0.500	
	Right Cheek		0.149	0.119	0.064	0.094	0.268	
	Right Tilt		0.185	0.237	0.073	0.128	0.422	
	Left Cheek	50%RB	0.060	0.170	0.135	0.167	0.230	
	Left Tilt		0.063	0.385	0.207	0.279	0.448	
	Right Cheek		0.080	0.119	0.064	0.094	0.199	
	Right Tilt		0.111	0.237	0.073	0.128	0.348	
66-n66	Left Cheek	1RB	0.119	0.170	0.135	0.167	0.289	
	Left Tilt		0.162	0.385	0.207	0.279	0.547	
	Right Cheek		0.335	0.119	0.064	0.094	0.454	
	Right Tilt		0.415	0.237	0.073	0.128	0.652	
	Left Cheek	50%RB	0.078	0.170	0.135	0.167	0.248	
	Left Tilt		0.127	0.385	0.207	0.279	0.512	
	Right Cheek		0.208	0.119	0.064	0.094	0.327	
	Right Tilt		0.308	0.237	0.073	0.128	0.545	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
66-n77	Left Cheek	1RB	0.164	0.170	0.135	0.167	0.334	1.6
	Left Tilt		0.271	0.385	0.207	0.279	0.656	
	Right Cheek		0.284	0.119	0.064	0.094	0.403	
	Right Tilt		0.416	0.237	0.073	0.128	0.653	
	Left Cheek	50%RB	0.091	0.170	0.135	0.167	0.261	
	Left Tilt		0.171	0.385	0.207	0.279	0.556	
	Right Cheek		0.257	0.119	0.064	0.094	0.376	
	Right Tilt		0.296	0.237	0.073	0.128	0.533	
66-n78	Left Cheek	1RB	0.144	0.170	0.135	0.167	0.314	
	Left Tilt		0.271	0.385	0.207	0.279	0.656	
	Right Cheek		0.305	0.119	0.064	0.094	0.424	
	Right Tilt		0.320	0.237	0.073	0.128	0.557	
	Left Cheek	50%RB	0.086	0.170	0.135	0.167	0.256	
	Left Tilt		0.166	0.385	0.207	0.279	0.551	
	Right Cheek		0.185	0.119	0.064	0.094	0.304	
	Right Tilt		0.208	0.237	0.073	0.128	0.445	

Hotspot(body-worn10mm)

Band	Test Position	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
GSM850 (GPRS 4slots)	Front	0.348	0.031	0.098	0.028	0.379	1.6
	Back	0.496	0.036	0.128	0.033	0.532	
	Left	0.328	0.015	0.015	0.007	0.343	
	Right	0.253	0.027	0.041	0.021	0.280	
	Top	0.014	0.022	0.059	0.016	0.036	
	Bottom	0.313	0.004	0.004	0.002	0.317	
GSM1900 (GPRS 4slots)	Front	0.437	0.031	0.098	0.028	0.468	
	Back	0.517	0.036	0.128	0.033	0.553	
	Left	0.345	0.015	0.015	0.007	0.360	
	Right	0.238	0.027	0.041	0.021	0.265	
	Top	0.011	0.022	0.059	0.016	0.033	
	Bottom	0.298	0.004	0.004	0.002	0.302	
WCDMA Band 2	Front	0.162	0.031	0.098	0.028	0.193	
	Back	0.266	0.036	0.128	0.033	0.302	
	Left	0.143	0.015	0.015	0.007	0.158	
	Right	0.091	0.027	0.041	0.021	0.118	
	Top	0.128	0.022	0.059	0.028	0.150	
	Bottom	0.006	0.004	0.004	0.033	0.010	
WCDMA Band 4	Front	0.090	0.031	0.098	0.007	0.121	
	Back	0.108	0.036	0.128	0.021	0.144	
	Left	0.077	0.015	0.015	0.016	0.092	
	Right	0.047	0.027	0.041	0.002	0.074	
	Top	0.070	0.022	0.059	0.028	0.092	
	Bottom	0.004	0.004	0.004	0.033	0.008	
WCDMA Band 5	Front	0.110	0.031	0.098	0.007	0.141	
	Back	0.157	0.036	0.128	0.021	0.193	
	Left	0.064	0.015	0.015	0.016	0.079	
	Right	0.105	0.027	0.041	0.002	0.132	
	Top	0.004	0.022	0.059	0.028	0.026	
	Bottom	0.097	0.004	0.004	0.033	0.101	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
LTE Band 2	Front	1RB	0.064	0.031	0.098	0.028	0.095	1.6
	Back		0.088	0.036	0.128	0.033	0.124	
	Left		0.059	0.015	0.015	0.007	0.074	
	Right		0.040	0.027	0.041	0.021	0.067	
	Top		0.062	0.022	0.059	0.016	0.084	
	Bottom		0.002	0.004	0.004	0.002	0.006	
	Front	50%RB	0.053	0.031	0.098	0.028	0.084	
	Back		0.071	0.036	0.128	0.033	0.107	
	Left		0.049	0.015	0.015	0.007	0.064	
	Right		0.032	0.027	0.041	0.021	0.059	
	Top		0.050	0.022	0.059	0.016	0.072	
LTE Band 4	Bottom		0.002	0.004	0.004	0.002	0.006	
	Front	1RB	0.115	0.031	0.098	0.028	0.146	
	Back		0.160	0.036	0.128	0.033	0.196	
	Left		0.108	0.015	0.015	0.007	0.123	
	Right		0.075	0.027	0.041	0.021	0.102	
	Top		0.107	0.022	0.059	0.028	0.129	
	Bottom		0.004	0.004	0.004	0.033	0.008	
	Front	50%RB	0.096	0.031	0.098	0.007	0.127	
	Back		0.127	0.036	0.128	0.021	0.163	
	Left		0.092	0.015	0.015	0.016	0.107	
	Right		0.060	0.027	0.041	0.002	0.087	
	Top		0.085	0.022	0.059	0.028	0.107	
LTE Band 5	Bottom		0.003	0.004	0.004	0.033	0.007	
	Front	1RB	0.161	0.031	0.098	0.007	0.192	
	Back		0.214	0.036	0.128	0.021	0.250	
	Left		0.142	0.015	0.015	0.016	0.157	
	Right		0.084	0.027	0.041	0.002	0.111	
	Top		0.146	0.022	0.059	0.028	0.168	
	Bottom		0.006	0.004	0.004	0.033	0.010	
	Front	50%RB	0.136	0.031	0.098	0.028	0.167	
	Back		0.183	0.036	0.128	0.033	0.219	
	Left		0.120	0.015	0.015	0.007	0.135	
	Right		0.072	0.027	0.041	0.021	0.099	
	Top		0.124	0.022	0.059	0.016	0.146	
LTE Band 7	Bottom		0.005	0.004	0.004	0.002	0.009	
	Front	1RB	0.050	0.031	0.098	0.028	0.081	
	Back		0.070	0.036	0.128	0.033	0.106	
	Left		0.026	0.015	0.015	0.007	0.041	
	Right		0.050	0.027	0.041	0.021	0.077	
	Top		0.047	0.022	0.059	0.016	0.069	
	Bottom		0.002	0.004	0.004	0.002	0.006	
	Front	50%RB	0.040	0.031	0.098	0.028	0.071	
	Back		0.058	0.036	0.128	0.033	0.094	
	Left		0.021	0.015	0.015	0.007	0.036	
	Right		0.043	0.027	0.041	0.021	0.070	
	Top		0.036	0.022	0.059	0.028	0.058	
LTE Band 12	Bottom		0.002	0.004	0.004	0.033	0.006	
	Front	1RB	0.078	0.031	0.098	0.007	0.109	
	Back		0.112	0.036	0.128	0.021	0.148	
	Left		0.049	0.015	0.015	0.016	0.064	
	Right		0.075	0.027	0.041	0.002	0.102	
	Top		0.003	0.022	0.059	0.028	0.025	
	Bottom		0.067	0.004	0.004	0.033	0.071	
	Front	50%RB	0.063	0.031	0.098	0.007	0.094	
	Back		0.090	0.036	0.128	0.021	0.126	
	Left		0.040	0.015	0.015	0.016	0.055	
	Right		0.061	0.027	0.041	0.002	0.088	
	Top		0.002	0.022	0.059	0.028	0.024	
	Bottom		0.055	0.004	0.004	0.033	0.059	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
LTE Band 13	Front	1RB	0.156	0.031	0.098	0.028	0.187	1.6
	Back		0.214	0.036	0.128	0.033	0.250	
	Left		0.069	0.015	0.015	0.007	0.084	
	Right		0.156	0.027	0.041	0.021	0.183	
	Top		0.005	0.022	0.059	0.016	0.027	
	Bottom		0.135	0.004	0.004	0.002	0.139	
	Front	50%RB	0.118	0.031	0.098	0.028	0.149	
	Back		0.184	0.036	0.128	0.033	0.220	
	Left		0.060	0.015	0.015	0.007	0.075	
	Right		0.133	0.027	0.041	0.021	0.160	
	Top		0.004	0.022	0.059	0.016	0.026	
	Bottom		0.118	0.004	0.004	0.002	0.122	
LTE Band 17	Front	1RB	0.089	0.031	0.098	0.028	0.120	
	Back		0.127	0.036	0.128	0.033	0.163	
	Left		0.051	0.015	0.015	0.007	0.066	
	Right		0.087	0.027	0.041	0.021	0.114	
	Top		0.004	0.022	0.059	0.028	0.026	
	Bottom		0.086	0.004	0.004	0.033	0.090	
	Front	50%RB	0.071	0.031	0.098	0.007	0.102	
	Back		0.108	0.036	0.128	0.021	0.144	
	Left		0.042	0.015	0.015	0.016	0.057	
	Right		0.068	0.027	0.041	0.002	0.095	
	Top		0.003	0.022	0.059	0.028	0.025	
	Bottom		0.065	0.004	0.004	0.033	0.069	
LTE Band 38	Front	1RB	0.037	0.031	0.098	0.007	0.068	
	Back		0.050	0.036	0.128	0.021	0.086	
	Left		0.034	0.015	0.015	0.016	0.049	
	Right		0.014	0.027	0.041	0.002	0.041	
	Top		0.027	0.022	0.059	0.028	0.049	
	Bottom		0.001	0.004	0.004	0.033	0.005	
	Front	50%RB	0.029	0.031	0.098	0.028	0.060	
	Back		0.043	0.036	0.128	0.033	0.079	
	Left		0.027	0.015	0.015	0.007	0.042	
	Right		0.012	0.027	0.041	0.021	0.039	
	Top		0.022	0.022	0.059	0.016	0.044	
	Bottom		0.001	0.004	0.004	0.002	0.005	
LTE Band 41	Front	1RB	0.036	0.031	0.098	0.028	0.067	
	Back		0.050	0.036	0.128	0.033	0.086	
	Left		0.016	0.015	0.015	0.007	0.031	
	Right		0.034	0.027	0.041	0.021	0.061	
	Top		0.031	0.022	0.059	0.016	0.053	
	Bottom		0.001	0.004	0.004	0.002	0.005	
	Front	50%RB	0.030	0.031	0.098	0.028	0.061	
	Back		0.040	0.036	0.128	0.033	0.076	
	Left		0.014	0.015	0.015	0.007	0.029	
	Right		0.028	0.027	0.041	0.021	0.055	
	Top		0.025	0.022	0.059	0.028	0.047	
	Bottom		0.001	0.004	0.004	0.033	0.005	
LTE Band 42	Front	1RB	0.081	0.031	0.098	0.007	0.112	
	Back		0.093	0.036	0.128	0.021	0.129	
	Left		0.041	0.015	0.015	0.016	0.056	
	Right		0.063	0.027	0.041	0.002	0.090	
	Top		0.067	0.022	0.059	0.028	0.089	
	Bottom		0.002	0.004	0.004	0.033	0.006	
	Front	50%RB	0.066	0.031	0.098	0.007	0.097	
	Back		0.073	0.036	0.128	0.021	0.109	
	Left		0.035	0.015	0.015	0.016	0.050	
	Right		0.049	0.027	0.041	0.002	0.076	
	Top		0.052	0.022	0.059	0.028	0.074	
	Bottom		0.002	0.004	0.004	0.033	0.006	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
LTE Band 66	Front	1RB	0.080	0.031	0.098	0.028	0.111	1.6
	Back		0.112	0.036	0.128	0.033	0.148	
	Left		0.073	0.015	0.015	0.007	0.088	
	Right		0.054	0.027	0.041	0.021	0.081	
	Top		0.076	0.022	0.059	0.016	0.098	
	Bottom		0.005	0.004	0.004	0.002	0.009	
	Front	50%RB	0.065	0.031	0.098	0.028	0.096	
	Back		0.096	0.036	0.128	0.033	0.132	
	Left		0.061	0.015	0.015	0.007	0.076	
	Right		0.046	0.027	0.041	0.021	0.073	
	Top		0.063	0.022	0.059	0.016	0.085	
	Bottom		0.004	0.004	0.004	0.002	0.008	
N5	Front	1RB	0.306	0.031	0.098	0.028	0.337	
	Back		0.365	0.036	0.128	0.033	0.401	
	Left		0.178	0.015	0.015	0.007	0.193	
	Right		0.152	0.027	0.041	0.021	0.179	
	Top		0.089	0.022	0.059	0.028	0.111	
	Bottom		0.217	0.004	0.004	0.033	0.221	
	Front	50%RB	0.294	0.031	0.098	0.007	0.325	
	Back		0.359	0.036	0.128	0.021	0.395	
	Left		0.174	0.015	0.015	0.016	0.189	
	Right		0.149	0.027	0.041	0.002	0.176	
	Top		0.093	0.022	0.059	0.028	0.115	
	Bottom		0.226	0.004	0.004	0.033	0.230	
N7	Front	1RB	0.051	0.031	0.098	0.007	0.082	
	Back		0.064	0.036	0.128	0.021	0.100	
	Left		0.046	0.015	0.015	0.016	0.061	
	Right		0.027	0.027	0.041	0.002	0.054	
	Top		0.043	0.022	0.059	0.028	0.065	
	Bottom		0.001	0.004	0.004	0.033	0.005	
	Front	50%RB	0.040	0.031	0.098	0.028	0.071	
	Back		0.053	0.036	0.128	0.033	0.089	
	Left		0.036	0.015	0.015	0.007	0.051	
	Right		0.022	0.027	0.041	0.021	0.049	
	Top		0.034	0.022	0.059	0.016	0.056	
	Bottom		0.001	0.004	0.004	0.002	0.005	
N12	Front	1RB	0.199	0.031	0.098	0.028	0.230	
	Back		0.228	0.036	0.128	0.033	0.264	
	Left		0.107	0.015	0.015	0.007	0.122	
	Right		0.157	0.027	0.041	0.021	0.184	
	Top		0.021	0.022	0.059	0.016	0.043	
	Bottom		0.144	0.004	0.004	0.002	0.148	
	Front	50%RB	0.168	0.031	0.098	0.028	0.199	
	Back		0.178	0.036	0.128	0.033	0.214	
	Left		0.090	0.015	0.015	0.007	0.105	
	Right		0.129	0.027	0.041	0.021	0.156	
	Top		0.016	0.022	0.059	0.028	0.038	
	Bottom		0.118	0.004	0.004	0.033	0.122	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
N38	Front	1RB	0.067	0.031	0.098	0.028	0.098	1.6
	Back		0.085	0.036	0.128	0.033	0.121	
	Left		0.055	0.015	0.015	0.007	0.070	
	Right		0.026	0.027	0.041	0.021	0.053	
	Top		0.052	0.022	0.059	0.016	0.074	
	Bottom		0.003	0.004	0.004	0.002	0.007	
	Front	50%RB	0.054	0.031	0.098	0.028	0.085	
	Back		0.067	0.036	0.128	0.033	0.103	
	Left		0.045	0.015	0.015	0.007	0.060	
	Right		0.022	0.027	0.041	0.021	0.049	
	Top		0.043	0.022	0.059	0.016	0.065	
N41	Bottom		0.002	0.004	0.004	0.002	0.006	
	Front	1RB	0.061	0.031	0.098	0.028	0.092	
	Back		0.076	0.036	0.128	0.033	0.112	
	Left		0.044	0.015	0.015	0.007	0.059	
	Right		0.015	0.027	0.041	0.021	0.042	
	Top		0.039	0.022	0.059	0.028	0.061	
	Bottom		0.001	0.004	0.004	0.033	0.005	
	Front	50%RB	0.047	0.031	0.098	0.007	0.078	
	Back		0.064	0.036	0.128	0.021	0.100	
	Left		0.035	0.015	0.015	0.016	0.050	
	Right		0.012	0.027	0.041	0.002	0.039	
	Top		0.033	0.022	0.059	0.028	0.055	
N66	Bottom		0.001	0.004	0.004	0.033	0.005	
	Front	1RB	0.090	0.031	0.098	0.007	0.121	
	Back		0.119	0.036	0.128	0.021	0.155	
	Left		0.075	0.015	0.015	0.016	0.090	
	Right		0.034	0.027	0.041	0.002	0.061	
	Top		0.084	0.022	0.059	0.028	0.106	
	Bottom		0.004	0.004	0.004	0.033	0.008	
	Front	50%RB	0.077	0.031	0.098	0.028	0.108	
	Back		0.096	0.036	0.128	0.033	0.132	
	Left		0.064	0.015	0.015	0.007	0.079	
	Right		0.029	0.027	0.041	0.021	0.056	
	Top		0.070	0.022	0.059	0.016	0.092	
N77	Bottom		0.003	0.004	0.004	0.002	0.007	
	Front	1RB	0.119	0.031	0.098	0.028	0.150	
	Back		0.142	0.036	0.128	0.033	0.178	
	Left		0.049	0.015	0.015	0.007	0.064	
	Right		0.078	0.027	0.041	0.021	0.105	
	Top		0.091	0.022	0.059	0.016	0.113	
	Bottom		0.004	0.004	0.004	0.002	0.008	
	Front	50%RB	0.098	0.031	0.098	0.028	0.129	
	Back		0.111	0.036	0.128	0.033	0.147	
	Left		0.042	0.015	0.015	0.007	0.057	
	Right		0.063	0.027	0.041	0.021	0.090	
	Top		0.073	0.022	0.059	0.028	0.095	
N77	Bottom		0.003	0.004	0.004	0.033	0.007	
	Front	1RB	0.053	0.031	0.098	0.007	0.084	
	Back		0.091	0.036	0.128	0.021	0.127	
	Left		0.026	0.015	0.015	0.016	0.041	
	Right		0.045	0.027	0.041	0.002	0.072	
	Top		0.037	0.022	0.059	0.028	0.059	
	Bottom		0.002	0.004	0.004	0.033	0.006	
	Front	50%RB	0.043	0.031	0.098	0.007	0.074	
	Back		0.074	0.036	0.128	0.021	0.110	
	Left		0.021	0.015	0.015	0.016	0.036	
	Right		0.037	0.027	0.041	0.002	0.064	
	Top		0.030	0.022	0.059	0.028	0.052	
	Bottom		0.002	0.004	0.004	0.033	0.006	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
N77	Front	1RB	0.072	0.031	0.098	0.028	0.103	1.6
	Back		0.100	0.036	0.128	0.033	0.136	
	Left		0.036	0.015	0.015	0.007	0.051	
	Right		0.057	0.027	0.041	0.021	0.084	
	Top		0.047	0.022	0.059	0.016	0.069	
	Bottom		0.002	0.004	0.004	0.002	0.006	
	Front	50%RB	0.060	0.031	0.098	0.028	0.091	
	Back		0.081	0.036	0.128	0.033	0.117	
	Left		0.029	0.015	0.015	0.007	0.044	
	Right		0.049	0.027	0.041	0.021	0.076	
	Top		0.037	0.022	0.059	0.016	0.059	
	Bottom		0.002	0.004	0.004	0.002	0.006	
N78	Front	1RB	0.037	0.031	0.098	0.028	0.068	
	Back		0.061	0.036	0.128	0.033	0.097	
	Left		0.013	0.015	0.015	0.007	0.028	
	Right		0.032	0.027	0.041	0.021	0.059	
	Top		0.027	0.022	0.059	0.028	0.049	
	Bottom		0.001	0.004	0.004	0.033	0.005	
	Front	50%RB	0.029	0.031	0.098	0.007	0.060	
	Back		0.051	0.036	0.128	0.021	0.087	
	Left		0.010	0.015	0.015	0.016	0.025	
	Right		0.025	0.027	0.041	0.002	0.052	
	Top		0.022	0.022	0.059	0.028	0.044	
	Bottom		0.001	0.004	0.004	0.033	0.005	
N78	Front	1RB	0.045	0.031	0.098	0.007	0.076	
	Back		0.061	0.036	0.128	0.021	0.097	
	Left		0.026	0.015	0.015	0.016	0.041	
	Right		0.040	0.027	0.041	0.002	0.067	
	Top		0.039	0.022	0.059	0.028	0.061	
	Bottom		0.002	0.004	0.004	0.033	0.006	
	Front	50%RB	0.039	0.031	0.098	0.028	0.070	
	Back		0.049	0.036	0.128	0.033	0.085	
	Left		0.020	0.015	0.015	0.007	0.035	
	Right		0.032	0.027	0.041	0.021	0.059	
	Top		0.030	0.022	0.059	0.016	0.052	
	Bottom		0.002	0.004	0.004	0.002	0.006	
N78	Front	1RB	0.067	0.031	0.098	0.028	0.098	
	Back		0.095	0.036	0.128	0.033	0.131	
	Left		0.043	0.015	0.015	0.007	0.058	
	Right		0.060	0.027	0.041	0.021	0.087	
	Top		0.062	0.022	0.059	0.016	0.084	
	Bottom		0.003	0.004	0.004	0.002	0.007	
	Front	50%RB	0.056	0.031	0.098	0.028	0.087	
	Back		0.077	0.036	0.128	0.033	0.113	
	Left		0.036	0.015	0.015	0.007	0.051	
	Right		0.048	0.027	0.041	0.021	0.075	
	Top		0.051	0.022	0.059	0.028	0.073	
	Bottom		0.002	0.004	0.004	0.033	0.006	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
2-n7	Front	1RB	0.314	0.031	0.098	0.028	0.345	1.6
	Back		0.392	0.036	0.128	0.033	0.428	
	Left		0.208	0.015	0.015	0.007	0.223	
	Right		0.007	0.027	0.041	0.021	0.034	
	Top		0.149	0.022	0.059	0.016	0.171	
	Bottom		0.004	0.004	0.004	0.002	0.008	
	Front	50%RB	0.292	0.031	0.098	0.028	0.323	
	Back		0.366	0.036	0.128	0.033	0.402	
	Left		0.183	0.015	0.015	0.007	0.198	
	Right		0.001	0.027	0.041	0.021	0.028	
	Top		0.130	0.022	0.059	0.016	0.152	
2-n66	Bottom	1RB	0.003	0.004	0.004	0.002	0.007	
	Front		0.682	0.031	0.098	0.028	0.713	
	Back		0.764	0.036	0.128	0.033	0.800	
	Left		0.435	0.015	0.015	0.007	0.450	
	Right		0.050	0.027	0.041	0.021	0.077	
	Top	50%RB	0.311	0.022	0.059	0.028	0.333	
	Bottom		0.025	0.004	0.004	0.033	0.029	
	Front		0.646	0.031	0.098	0.007	0.677	
	Back		0.743	0.036	0.128	0.021	0.779	
	Left		0.414	0.015	0.015	0.016	0.429	
2-n78	Right	1RB	0.044	0.027	0.041	0.002	0.071	
	Top		0.289	0.022	0.059	0.028	0.311	
	Bottom		0.022	0.004	0.004	0.033	0.026	
	Front	50%RB	0.398	0.031	0.098	0.007	0.429	
	Back		0.526	0.036	0.128	0.021	0.562	
	Left		0.196	0.015	0.015	0.016	0.211	
	Right		0.038	0.027	0.041	0.002	0.065	
	Top		0.163	0.022	0.059	0.028	0.185	
	Bottom		0.025	0.004	0.004	0.033	0.029	
	Front	1RB	0.330	0.031	0.098	0.028	0.361	
4-n7	Back		0.486	0.036	0.128	0.033	0.522	
	Left		0.173	0.015	0.015	0.007	0.188	
	Right		0.032	0.027	0.041	0.021	0.059	
	Top	50%RB	0.144	0.022	0.059	0.016	0.166	
	Bottom		0.021	0.004	0.004	0.002	0.025	
	Front	1RB	0.166	0.031	0.098	0.028	0.197	
	Back		0.190	0.036	0.128	0.033	0.226	
	Left		0.120	0.015	0.015	0.007	0.135	
	Right		0.009	0.027	0.041	0.021	0.036	
	Top		0.091	0.022	0.059	0.016	0.113	
4-n38	Bottom	1RB	0.004	0.004	0.004	0.002	0.008	
	Front		0.153	0.031	0.098	0.028	0.184	
	Back		0.177	0.036	0.128	0.033	0.213	
	Left		0.106	0.015	0.015	0.007	0.121	
	Right		0.007	0.027	0.041	0.021	0.034	
	Top	50%RB	0.082	0.022	0.059	0.028	0.104	
	Bottom		0.003	0.004	0.004	0.033	0.007	
	Front		0.113	0.031	0.098	0.007	0.144	
	Back		0.148	0.036	0.128	0.021	0.184	
	Left		0.097	0.015	0.015	0.016	0.112	
4-n38	Right	1RB	0.013	0.027	0.041	0.002	0.040	
	Top		0.067	0.022	0.059	0.028	0.089	
	Bottom		0.008	0.004	0.004	0.033	0.012	
	Front	50%RB	0.090	0.031	0.098	0.007	0.121	
	Back		0.135	0.036	0.128	0.021	0.171	
	Left		0.084	0.015	0.015	0.016	0.099	
	Right		0.010	0.027	0.041	0.002	0.037	
	Top		0.060	0.022	0.059	0.028	0.082	
	Bottom		0.006	0.004	0.004	0.033	0.010	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
4-n41	Front	1RB	0.042	0.031	0.098	0.028	0.073	1.6
	Back		0.052	0.036	0.128	0.033	0.088	
	Left		0.026	0.015	0.015	0.007	0.041	
	Right		0.013	0.027	0.041	0.021	0.040	
	Top		0.022	0.022	0.059	0.016	0.044	
	Bottom		0.011	0.004	0.004	0.002	0.015	
	Front	50%RB	0.036	0.031	0.098	0.028	0.067	
	Back		0.042	0.036	0.128	0.033	0.078	
	Left		0.019	0.015	0.015	0.007	0.034	
	Right		0.006	0.027	0.041	0.021	0.033	
	Top		0.011	0.022	0.059	0.016	0.033	
	Bottom		0.004	0.004	0.004	0.002	0.008	
4-n78	Front	1RB	0.039	0.031	0.098	0.028	0.070	
	Back		0.052	0.036	0.128	0.033	0.088	
	Left		0.029	0.015	0.015	0.007	0.044	
	Right		0.008	0.027	0.041	0.021	0.035	
	Top		0.021	0.022	0.059	0.028	0.043	
	Bottom		0.004	0.004	0.004	0.033	0.008	
	Front	50%RB	0.028	0.031	0.098	0.007	0.059	
	Back		0.034	0.036	0.128	0.021	0.070	
	Left		0.015	0.015	0.015	0.016	0.030	
	Right		0.006	0.027	0.041	0.002	0.033	
	Top		0.011	0.022	0.059	0.028	0.033	
	Bottom		0.003	0.004	0.004	0.033	0.007	
5-n7	Front	1RB	0.093	0.031	0.098	0.007	0.124	
	Back		0.131	0.036	0.128	0.021	0.167	
	Left		0.067	0.015	0.015	0.016	0.082	
	Right		0.023	0.027	0.041	0.002	0.050	
	Top		0.054	0.022	0.059	0.028	0.076	
	Bottom		0.015	0.004	0.004	0.033	0.019	
	Front	50%RB	0.070	0.031	0.098	0.028	0.101	
	Back		0.098	0.036	0.128	0.033	0.134	
	Left		0.045	0.015	0.015	0.007	0.060	
	Right		0.011	0.027	0.041	0.021	0.038	
	Top		0.035	0.022	0.059	0.016	0.057	
	Bottom		0.007	0.004	0.004	0.002	0.011	
5-n38	Front	1RB	0.040	0.031	0.098	0.028	0.071	
	Back		0.051	0.036	0.128	0.033	0.087	
	Left		0.031	0.015	0.015	0.007	0.046	
	Right		0.016	0.027	0.041	0.021	0.043	
	Top		0.014	0.022	0.059	0.016	0.036	
	Bottom		0.010	0.004	0.004	0.002	0.014	
	Front	50%RB	0.022	0.031	0.098	0.028	0.053	
	Back		0.037	0.036	0.128	0.033	0.073	
	Left		0.020	0.015	0.015	0.007	0.035	
	Right		0.009	0.027	0.041	0.021	0.036	
	Top		0.011	0.022	0.059	0.028	0.033	
	Bottom		0.006	0.004	0.004	0.033	0.010	
5-n41	Front	1RB	0.049	0.031	0.098	0.007	0.080	
	Back		0.058	0.036	0.128	0.021	0.094	
	Left		0.022	0.015	0.015	0.016	0.037	
	Right		0.006	0.027	0.041	0.002	0.033	
	Top		0.017	0.022	0.059	0.028	0.039	
	Bottom		0.003	0.004	0.004	0.033	0.007	
	Front	50%RB	0.036	0.031	0.098	0.007	0.067	
	Back		0.045	0.036	0.128	0.021	0.081	
	Left		0.014	0.015	0.015	0.016	0.029	
	Right		0.005	0.027	0.041	0.002	0.032	
	Top		0.010	0.022	0.059	0.028	0.032	
	Bottom		0.002	0.004	0.004	0.033	0.006	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
5-n66	Front	1RB	0.216	0.031	0.098	0.028	0.247	1.6
	Back		0.298	0.036	0.128	0.033	0.334	
	Left		0.168	0.015	0.015	0.007	0.183	
	Right		0.012	0.027	0.041	0.021	0.039	
	Top		0.140	0.022	0.059	0.016	0.162	
	Bottom		0.009	0.004	0.004	0.002	0.013	
	Front	50%RB	0.179	0.031	0.098	0.028	0.210	
	Back		0.222	0.036	0.128	0.033	0.258	
	Left		0.140	0.015	0.015	0.007	0.155	
	Right		0.012	0.027	0.041	0.021	0.039	
	Top		0.099	0.022	0.059	0.016	0.121	
	Bottom		0.007	0.004	0.004	0.002	0.011	
5-n77	Front	1RB	0.050	0.031	0.098	0.028	0.081	
	Back		0.055	0.036	0.128	0.033	0.091	
	Left		0.028	0.015	0.015	0.007	0.043	
	Right		0.009	0.027	0.041	0.021	0.036	
	Top		0.016	0.022	0.059	0.028	0.038	
	Bottom		0.007	0.004	0.004	0.033	0.011	
	Front	50%RB	0.035	0.031	0.098	0.007	0.066	
	Back		0.043	0.036	0.128	0.021	0.079	
	Left		0.021	0.015	0.015	0.016	0.036	
	Right		0.005	0.027	0.041	0.002	0.032	
	Top		0.018	0.022	0.059	0.028	0.040	
	Bottom		0.003	0.004	0.004	0.033	0.007	
5-n78	Front	1RB	0.038	0.031	0.098	0.007	0.069	
	Back		0.054	0.036	0.128	0.021	0.090	
	Left		0.029	0.015	0.015	0.016	0.044	
	Right		0.013	0.027	0.041	0.002	0.040	
	Top		0.019	0.022	0.059	0.028	0.041	
	Bottom		0.006	0.004	0.004	0.033	0.010	
	Front	50%RB	0.029	0.031	0.098	0.028	0.060	
	Back		0.042	0.036	0.128	0.033	0.078	
	Left		0.022	0.015	0.015	0.007	0.037	
	Right		0.010	0.027	0.041	0.021	0.037	
	Top		0.013	0.022	0.059	0.016	0.035	
	Bottom		0.004	0.004	0.004	0.002	0.008	
7-n7	Front	1RB	0.304	0.031	0.098	0.028	0.335	
	Back		0.565	0.036	0.128	0.033	0.601	
	Left		0.225	0.015	0.015	0.007	0.240	
	Right		0.023	0.027	0.041	0.021	0.050	
	Top		0.195	0.022	0.059	0.016	0.217	
	Bottom		0.018	0.004	0.004	0.002	0.022	
	Front	50%RB	0.269	0.031	0.098	0.028	0.300	
	Back		0.533	0.036	0.128	0.033	0.569	
	Left		0.201	0.015	0.015	0.007	0.216	
	Right		0.019	0.027	0.041	0.021	0.046	
	Top		0.168	0.022	0.059	0.028	0.190	
	Bottom		0.014	0.004	0.004	0.033	0.018	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
7-n66	Front	1RB	0.422	0.031	0.098	0.028	0.453	1.6
	Back		0.532	0.036	0.128	0.033	0.568	
	Left		0.331	0.015	0.015	0.007	0.346	
	Right		0.007	0.027	0.041	0.021	0.034	
	Top		0.278	0.022	0.059	0.016	0.300	
	Bottom		0.002	0.004	0.004	0.002	0.006	
	Front	50%RB	0.378	0.031	0.098	0.028	0.409	
	Back		0.463	0.036	0.128	0.033	0.499	
	Left		0.279	0.015	0.015	0.007	0.294	
	Right		0.005	0.027	0.041	0.021	0.032	
	Top		0.212	0.022	0.059	0.016	0.234	
	Bottom		0.005	0.004	0.004	0.002	0.009	
7-n77	Front	1RB	0.270	0.031	0.098	0.028	0.301	
	Back		0.305	0.036	0.128	0.033	0.341	
	Left		0.208	0.015	0.015	0.007	0.223	
	Right		0.026	0.027	0.041	0.021	0.053	
	Top		0.193	0.022	0.059	0.028	0.215	
	Bottom		0.016	0.004	0.004	0.033	0.020	
	Front	50%RB	0.244	0.031	0.098	0.007	0.275	
	Back		0.269	0.036	0.128	0.021	0.305	
	Left		0.176	0.015	0.015	0.016	0.191	
	Right		0.020	0.027	0.041	0.002	0.047	
	Top		0.165	0.022	0.059	0.028	0.187	
	Bottom		0.012	0.004	0.004	0.033	0.016	
7-n78	Front	1RB	0.274	0.031	0.098	0.007	0.305	
	Back		0.328	0.036	0.128	0.021	0.364	
	Left		0.250	0.015	0.015	0.016	0.265	
	Right		0.025	0.027	0.041	0.002	0.052	
	Top		0.216	0.022	0.059	0.028	0.238	
	Bottom		0.017	0.004	0.004	0.033	0.021	
	Front	50%RB	0.247	0.031	0.098	0.028	0.278	
	Back		0.301	0.036	0.128	0.033	0.337	
	Left		0.221	0.015	0.015	0.007	0.236	
	Right		0.022	0.027	0.041	0.021	0.049	
	Top		0.193	0.022	0.059	0.016	0.215	
	Bottom		0.013	0.004	0.004	0.002	0.017	
38-n78	Front	1RB	0.081	0.031	0.098	0.028	0.112	
	Back		0.095	0.036	0.128	0.033	0.131	
	Left		0.057	0.015	0.015	0.007	0.072	
	Right		0.003	0.027	0.041	0.021	0.030	
	Top		0.044	0.022	0.059	0.016	0.066	
	Bottom		0.002	0.004	0.004	0.002	0.006	
	Front	50%RB	0.071	0.031	0.098	0.028	0.102	
	Back		0.084	0.036	0.128	0.033	0.120	
	Left		0.051	0.015	0.015	0.007	0.066	
	Right		0.003	0.027	0.041	0.021	0.030	
	Top		0.038	0.022	0.059	0.028	0.060	
	Bottom		0.002	0.004	0.004	0.033	0.006	
41-n41	Front	1RB	0.064	0.031	0.098	0.007	0.095	
	Back		0.097	0.036	0.128	0.021	0.133	
	Left		0.047	0.015	0.015	0.016	0.062	
	Right		0.005	0.027	0.041	0.002	0.032	
	Top		0.043	0.022	0.059	0.028	0.065	
	Bottom		0.002	0.004	0.004	0.033	0.006	
	Front	50%RB	0.055	0.031	0.098	0.007	0.086	
	Back		0.088	0.036	0.128	0.021	0.124	
	Left		0.041	0.015	0.015	0.016	0.056	
	Right		0.003	0.027	0.041	0.002	0.030	
	Top		0.036	0.022	0.059	0.028	0.058	
	Bottom		0.004	0.004	0.004	0.033	0.008	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
41-n77	Front	1RB	0.074	0.031	0.098	0.028	0.105	1.6
	Back		0.088	0.036	0.128	0.033	0.124	
	Left		0.056	0.015	0.015	0.007	0.071	
	Right		0.023	0.027	0.041	0.021	0.050	
	Top		0.033	0.022	0.059	0.016	0.055	
	Bottom		0.015	0.004	0.004	0.002	0.019	
	Front	50%RB	0.066	0.031	0.098	0.028	0.097	
	Back		0.078	0.036	0.128	0.033	0.114	
	Left		0.049	0.015	0.015	0.007	0.064	
	Right		0.019	0.027	0.041	0.021	0.046	
	Top		0.027	0.022	0.059	0.016	0.049	
	Bottom		0.013	0.004	0.004	0.002	0.017	
41-n78	Front	1RB	0.063	0.031	0.098	0.028	0.094	
	Back		0.084	0.036	0.128	0.033	0.120	
	Left		0.047	0.015	0.015	0.007	0.062	
	Right		0.033	0.027	0.041	0.021	0.060	
	Top		0.028	0.022	0.059	0.028	0.050	
	Bottom		0.019	0.004	0.004	0.033	0.023	
	Front	50%RB	0.053	0.031	0.098	0.007	0.084	
	Back		0.070	0.036	0.128	0.021	0.106	
	Left		0.038	0.015	0.015	0.016	0.053	
	Right		0.025	0.027	0.041	0.002	0.052	
	Top		0.018	0.022	0.059	0.028	0.040	
	Bottom		0.012	0.004	0.004	0.033	0.016	
66-n7	Front	1RB	0.198	0.031	0.098	0.007	0.229	
	Back		0.292	0.036	0.128	0.021	0.328	
	Left		0.128	0.015	0.015	0.016	0.143	
	Right		0.042	0.027	0.041	0.002	0.069	
	Top		0.105	0.022	0.059	0.028	0.127	
	Bottom		0.025	0.004	0.004	0.033	0.029	
	Front	50%RB	0.128	0.031	0.098	0.028	0.159	
	Back		0.208	0.036	0.128	0.033	0.244	
	Left		0.089	0.015	0.015	0.007	0.104	
	Right		0.032	0.027	0.041	0.021	0.059	
	Top		0.054	0.022	0.059	0.016	0.076	
	Bottom		0.017	0.004	0.004	0.002	0.021	
66-n38	Front	1RB	0.033	0.031	0.098	0.028	0.064	
	Back		0.044	0.036	0.128	0.033	0.080	
	Left		0.025	0.015	0.015	0.007	0.040	
	Right		0.014	0.027	0.041	0.021	0.041	
	Top		0.018	0.022	0.059	0.016	0.040	
	Bottom		0.009	0.004	0.004	0.002	0.013	
	Front	50%RB	0.024	0.031	0.098	0.028	0.055	
	Back		0.037	0.036	0.128	0.033	0.073	
	Left		0.018	0.015	0.015	0.007	0.033	
	Right		0.009	0.027	0.041	0.021	0.036	
	Top		0.012	0.022	0.059	0.028	0.034	
	Bottom		0.005	0.004	0.004	0.033	0.009	
66-n41	Front	1RB	0.035	0.031	0.098	0.007	0.066	
	Back		0.047	0.036	0.128	0.021	0.083	
	Left		0.029	0.015	0.015	0.016	0.044	
	Right		0.016	0.027	0.041	0.002	0.043	
	Top		0.019	0.022	0.059	0.028	0.041	
	Bottom		0.013	0.004	0.004	0.033	0.017	
	Front	50%RB	0.024	0.031	0.098	0.007	0.055	
	Back		0.031	0.036	0.128	0.021	0.067	
	Left		0.014	0.015	0.015	0.016	0.029	
	Right		0.011	0.027	0.041	0.002	0.038	
	Top		0.013	0.022	0.059	0.028	0.035	
	Bottom		0.009	0.004	0.004	0.033	0.013	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
66-n66	Front	1RB	0.053	0.031	0.098	0.028	0.084	1.6
	Back		0.078	0.036	0.128	0.033	0.114	
	Left		0.042	0.015	0.015	0.007	0.057	
	Right		0.031	0.027	0.041	0.021	0.058	
	Top		0.039	0.022	0.059	0.016	0.061	
	Bottom		0.019	0.004	0.004	0.002	0.023	
	Front	50%RB	0.037	0.031	0.098	0.028	0.068	
	Back		0.042	0.036	0.128	0.033	0.078	
	Left		0.029	0.015	0.015	0.007	0.044	
	Right		0.015	0.027	0.041	0.021	0.042	
	Top		0.020	0.022	0.059	0.016	0.042	
	Bottom		0.010	0.004	0.004	0.002	0.014	
66-n77	Front	1RB	0.049	0.031	0.098	0.028	0.080	
	Back		0.064	0.036	0.128	0.033	0.100	
	Left		0.033	0.015	0.015	0.007	0.048	
	Right		0.019	0.027	0.041	0.021	0.046	
	Top		0.025	0.022	0.059	0.028	0.047	
	Bottom		0.014	0.004	0.004	0.033	0.018	
	Front	50%RB	0.025	0.031	0.098	0.007	0.056	
	Back		0.049	0.036	0.128	0.021	0.085	
	Left		0.021	0.015	0.015	0.016	0.036	
	Right		0.013	0.027	0.041	0.002	0.040	
	Top		0.014	0.022	0.059	0.028	0.036	
	Bottom		0.008	0.004	0.004	0.033	0.012	
66-n78	Front	1RB	0.041	0.031	0.098	0.007	0.072	
	Back		0.050	0.036	0.128	0.021	0.086	
	Left		0.032	0.015	0.015	0.016	0.047	
	Right		0.018	0.027	0.041	0.002	0.045	
	Top		0.025	0.022	0.059	0.028	0.047	
	Bottom		0.011	0.004	0.004	0.033	0.015	
	Front	50%RB	0.024	0.031	0.098	0.028	0.055	
	Back		0.042	0.036	0.128	0.033	0.078	
	Left		0.020	0.015	0.015	0.007	0.035	
	Right		0.011	0.027	0.041	0.021	0.038	
	Top		0.015	0.022	0.059	0.016	0.037	
	Bottom		0.006	0.004	0.004	0.002	0.010	

13 Measurement uncertainty evaluation

13.1 Measurement uncertainty evaluation for SAR test

The following table includes the uncertainty table of the IEEE 1528. The values are determined by SPEAG. The breakdown of the individual uncertainties is as follows:

DASY8 Uncertainty Budget								
According to IEC/IEEE 62209-1528 (Frequency band: 300MHz–3GHz range)								
Symbol	Error Description	Uncert. value	Prob. Dist.	Div.	(ci) (1g)	(ci) (10g)	Std. Unc (1g)	Std. Unc (10g)
Measurement System Errors								
CF	Probe Calibration	±13.3%	N	2	1	1	±6.7%	±6.7%
CF _{drift}	Probe Calibration Drift	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
LIN	Probe Linearity	±4.7%	R	$\sqrt{3}$	1	1	±2.7%	±2.7%
BBS	Broadband Signal	±2.8%	R	$\sqrt{3}$	1	1	±1.6%	±1.6%
ISO	Probe Isotropy	±7.6%	R	$\sqrt{3}$	1	1	±4.4%	±4.4%
DAE	Other Probe+Electronic	±0.8%	N	1	1	1	±0.8%	±0.8%
AMB	RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Δ_{sys}	Probe Positioning	±0.006 mm	N	1	0.14	0.14	±0.10%	±0.10%
DAT	Data Processing	±1.2%	N	1	1	1	±1.2%	±1.2%
Phantom and Device Errors								
LIQ(σ)	Conductivity (meas.) DAK	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
LIQ(T_{σ})	Conductivity (temp.) BB	±3.3%	R	$\sqrt{3}$	0.78	0.71	±1.5%	±1.4%
EPS	Phantom Permittivity	±14.0%	R	$\sqrt{3}$	0	0	±0%	±0%
DIS	Distance DUT – TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
D _{xyz}	Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
H	Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
MOD	DUT Modulation ^m	±2.4%	R	$\sqrt{3}$	1	1	±1.4%	±1.4%
TAS	Time-average SAR	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
RF _{drift}	DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
VAL	Val Antenna Unc. ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
RF _{in}	Unc. Input Power ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results								
C(ϵ , σ)	Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
C(R)	SAR scaling ^p	±0.0%	R	$\sqrt{3}$	1	1	±0.0%	±0.0%
u(Δ SAR)	Combined Uncertainty						±11.3%	±11.2%
U	Expanded Uncertainty						±22.6%	±22.5%

DASY8 Uncertainty Budget

According to IEC/IEEE 62209-1528
(Frequency band: 3GHz–6GHz range)

Symbol	Error Description	Uncert. value	Prob. Dist.	Div.	(ci) (1g)	(ci) (10g)	Std.Unc (1g)	Std.Unc (10g)
Measurement System Errors								
CF	Probe Calibration	±13.1%	N	2	1	1	±6.55%	±6.55%
CF _{drift}	Probe Calibration Drift	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
LIN	Probe Linearity	±4.7%	R	$\sqrt{3}$	1	1	±2.7%	±2.7%
BBS	Broadband Signal	±2.6%	R	$\sqrt{3}$	1	1	±1.5%	±1.5%
ISO	Probe Isotropy	±7.6%	R	$\sqrt{3}$	1	1	±4.4%	±4.4%
DAE	Other Probe+Electronic	±1.2%	N	1	1	1	±1.2%	±1.2%
AMB	RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Δ_{sys}	Probe Positioning	±0.005 mm	N	1	0.29	0.29	±0.2%	±0.20%
DAT	Data Processing	±2.3%	N	1	1	1	±2.3%	±2.3%
Phantom and Device Errors								
LIQ(σ)	Conductivity (meas.)DAK	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
LIQ(T_{σ})	Conductivity (temp.)BB	±3.4%	R	$\sqrt{3}$	0.78	0.71	±1.5%	±1.4%
EPS	Phantom Permittivity	±14.0%	R	$\sqrt{3}$	0.25	0.25	±2.0%	±2.0%
DIS	Distance DUT – TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
D _{xyz}	Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
H	Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
MOD	DUT Modulation ^m	±2.4%	R	$\sqrt{3}$	1	1	±1.4%	±1.4%
TAS	Time-average SAR	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
RF _{drift}	DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
VAL	Val Antenna Unc. ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
RF _{in}	Unc.Input Power ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results								
C(ϵ, σ)	Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
C(R)	SAR scaling ^p	±0.0%	R	$\sqrt{3}$	1	1	±0.0%	±0.0%
u(Δ SAR)	Combined Uncertainty						±11.6%	±11.6%
U	Expanded Uncertainty						±23.3%	±23.1%

13.2 Measurement uncertainty evaluation for system check

The following table includes the uncertainty table of the IEEE 1528. The values are determined by SPEAG. The breakdown of the individual uncertainties is as follows:

Uncertainty For System Performance Check								
Uncertainty Component	Tol. (±%)	Prob. Dist.	Div.	C _i 1g	C _i 10g	1g U _i (±%)	10g U _i (±%)	V _i
measurement system								
Probe Calibration	6.7	N	1	1	1	6.70	6.70	∞
Axial Isotropy	4.7	R	$\sqrt{3}$	0.7	0.7	1.90	1.90	∞
Hemispherical Isotropy	9.6	R	$\sqrt{3}$	0.7	0.7	3.88	3.88	∞
Boundary Effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	4.7	R	$\sqrt{3}$	1	1	2.71	2.71	∞
system detection Limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	0	N	1	1	1	0.00	0.00	∞
Readout Electronics	0.3	N	1	1	1	0.30	0.30	∞
Response Time	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
Integration Time	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
RF ambient Conditions - Noise	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
RF ambient Conditions – Reflections	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Probe positioned Mechanical Tolerance	0.8	R	$\sqrt{3}$	1	1	0.46	0.46	∞
Probe positioning with respect to Phantom Shell	6.7	R	$\sqrt{3}$	1	1	3.87	3.87	∞
Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation	2.0	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Dipole								
Deviation of experimental source from numerical source	5.5	N	1	1	1	3.18	3.18	∞
Input power and SAR drift measurement	2.0	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Dipole axis to liquid Distance	3.4	R	$\sqrt{3}$	1	1	1.96	1.96	∞
Phantom and Tissue Parameters								
Phantom Uncertainty (shape and thickness tolerances)	4.0	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviation (in permittivity and conductivity)	2	N	1	1	0.84	2.0	1.68	∞
Liquid conductivity (meas.)	2.5	N	1	0.78	0.71	1.13	1.03	5
Liquid conductivity (target.)	5	R	$\sqrt{3}$	0.78	0.71	3.90	3.55	5
Liquid Permittivity (meas.)	2.5	N	1	0.23	0.26	0.33	0.38	∞
Liquid Permittivity (target.)	5	R	$\sqrt{3}$	0.23	0.26	1.15	1.30	∞
Combined Standard Uncertainty		Rss				11.29	11.18	
Expanded Uncertainty (95% Confidence interval)		k				20.57	19.95	

14 Test equipment and ancillaries used for tests

To simplify the identification of the test equipment and/or ancillaries which were used, the reporting of the relevant test cases only refer to the test item number as specified in the table below.

	Manufacturer	Device Type	Type(Model)	Serial number	calibration	
					Last Cal.	Due Date
☒	SPEAG	E-Field PROBE	EX3DV4	7895	2024-11-28	2025-11-27
☒	SPEAG	E-Field PROBE	EX3DV4	7391	2024-11-16	2025-11-15
☒	SPEAG	Validation Kits	D750V3	1151	2024-08-19	2027-08-18
☒	SPEAG	Validation Kits	D835V2	4d203	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1750V2	1143	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1900V2	5d211	2024-08-19	2027-08-18
☒	SPEAG	Validation Sources	D2550V2	1015	2024-08-16	2027-08-15
☒	SPEAG	Validation Sources	D3500V2	1164	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3700V2	1139	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3900V2	1106	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4600V2	1097	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4900V2	1093	2024-10-08	2027-10-07
☒	SPEAG	Validation Sources	D5GHzV2	1412	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D6.5GHzV2	1116	2024-10-14	2027-10-13
☒	SPEAG	DAE	DAE4ip	1872	2024-10-18	2025-10-17
☒	SPEAG	Dielectric parameter probes	DAK-3.5	1363	2024-11-05	2025-11-04
☒	R & S	Universal Radio Communication Tester	CMU 200	119733	2024-10-21	2025-10-20
☒	R & S	Universal Radio Communication Tester	CMW500	144459	2024-10-21	2025-10-20
☒	R & S	UXM5G Wireless Test Platform	E7515B	MY60192341	2024-10-21	2025-10-20
☒	HP	Network Analyser	8753D	3410A08889	2024-10-21	2025-10-20
☒	HP	Signal Generator	E4421B	GB39340770	2024-10-28	2025-10-27
☒	Keithley	Multimeter	Keithley 2000	4014539	2024-10-28	2025-10-27
☒	SATIMO	Amplifier	Power Amplifier	MODU-023-A-0004	2024-10-21	2025-10-20
☒	Agilent	Power Meter	E4418B	GB43312909	2024-10-21	2025-10-20
☒	Agilent	Power Meter Sensor	E4412A	MY41500046	2024-10-21	2025-10-20

Annex A: System performance verification

(Please See the SAR Measurement Plots of annex A.)

Annex B: Measurement results

(Please See the SAR Measurement Plots of annex B.)

Annex C: Calibration reports

(Please See the Calibration reports of annex C.)

Annex D: Photographs

(Please see SAR test setup photos.)