

FCC SAR Compliance Test Report

For

INFINIX MOBILITY LIMITED

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

FOTAN NT HONGKONG

Model: X6877

Test Engineer: Cai Yongju *Cai Yongju*

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Check By: Wei Liangmei *Wei Liangmei*

Approved By: Li Huaibi *Li Huaibi*

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



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Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Release	26 January 2026	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: 2025-10-29
Start of test: 2025-10-29
End of test: 2026-01-14

1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for X6877 is as below:

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Head	0.252
GSM1900	Head	0.008
UMTS Band 2	Head	0.090
UMTS Band 4	Head	0.096
UMTS Band 5	Head	0.169
LTE Band 2	Head	0.065
LTE Band 4	Head	0.093
LTE Band 5	Head	0.136
LTE Band 7	Head	0.075
LTE Band 12	Head	0.073
LTE Band 17	Head	0.066
LTE Band 38	Head	0.039
LTE Band 41	Head	0.061
LTE Band 42	Head	0.614
LTE Band 42	Head	0.698
LTE Band 66	Head	0.061
NR n5	Head	0.182
NR n7	Head	0.101
NR n12	Head	0.123
NR n38	Head	0.021
NR n41	Head	0.015
NR n66	Head	0.093
NR n71	Head	0.144
NR n77	Head	0.427
NR n77	Head	0.357
NR n77	Head	0.295
NR n78	Head	0.383
NR n78	Head	0.377
NR n78	Head	0.350
2-n7	Head	0.284
2-n66	Head	0.369
2-n78	Head	0.574
4-n7	Head	0.357
4-n41	Head	0.329
4-n78	Head	0.503
5-n7	Head	0.079
5-n38	Head	0.080
5-n41	Head	0.098
5-n66	Head	0.064
5-n77	Head	0.245
5-n78	Head	0.123
7-n7	Head	0.913
7-n66	Head	1.064
7-n77	Head	0.930
7-n78	Head	0.985
38-n78	Head	0.634

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
41-n41	Head	0.541
41-n77	Head	0.649
41-n78	Head	0.634
66-n7	Head	0.405
66-n38	Head	0.396
66-n41	Head	0.430
66-n66	Head	0.522
66-n77	Head	0.610
66-n78	Head	0.668
BT	Head	0.144
2.4GWIFI	Head	0.187
5GWIFI Band1	Head	0.136
5GWIFI Band2	Head	0.169
5GWIFI Band3	Head	0.158
5GWIFI Band4	Head	0.205

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Body & Hotspot 10mm	0.939
GSM1900	Body & Hotspot 10mm	0.664
UMTS Band 2	Body & Hotspot 10mm	1.016
UMTS Band 4	Body & Hotspot 10mm	1.023
UMTS Band 5	Body & Hotspot 10mm	0.318
LTE Band 2	Body & Hotspot 10mm	0.656
LTE Band 4	Body & Hotspot 10mm	0.821
LTE Band 5	Body & Hotspot 10mm	0.364
LTE Band 7	Body & Hotspot 10mm	0.632
LTE Band 12	Body & Hotspot 10mm	0.121
LTE Band 17	Body & Hotspot 10mm	0.148
LTE Band 38	Body & Hotspot 10mm	0.381
LTE Band 41	Body & Hotspot 10mm	0.615
LTE Band 42	Body & Hotspot 10mm	0.067
LTE Band 42	Body & Hotspot 10mm	0.095
LTE Band 66	Body & Hotspot 10mm	0.982
NR n5	Body & Hotspot 10mm	0.291
NR n7	Body & Hotspot 10mm	0.782
NR n12	Body & Hotspot 10mm	0.154
NR n38	Body & Hotspot 10mm	0.267
NR n41	Body & Hotspot 10mm	0.227
NR n66	Body & Hotspot 10mm	0.474
NR n71	Body & Hotspot 10mm	0.199
NR n77	Body & Hotspot 10mm	0.042
NR n77	Body & Hotspot 10mm	0.050
NR n77	Body & Hotspot 10mm	0.057
NR n78	Body & Hotspot 10mm	0.045
NR n78	Body & Hotspot 10mm	0.047
NR n78	Body & Hotspot 10mm	0.053
2-n7	Body & Hotspot 10mm	0.083
2-n66	Body & Hotspot 10mm	0.068
2-n78	Body & Hotspot 10mm	0.024
4-n7	Body & Hotspot 10mm	0.087
4-n41	Body & Hotspot 10mm	0.083

Band	Position Test Points	MAX Reported SAR1g (W/kg)
4-n78	Body & Hotspot 10mm	0.117
5-n7	Body & Hotspot 10mm	0.180
5-n38	Body & Hotspot 10mm	0.130
5-n41	Body & Hotspot 10mm	0.119
5-n66	Body & Hotspot 10mm	0.132
5-n77	Body & Hotspot 10mm	0.055
5-n78	Body & Hotspot 10mm	0.059
7-n7	Body & Hotspot 10mm	0.245
7-n66	Body & Hotspot 10mm	0.153
7-n77	Body & Hotspot 10mm	0.160
7-n78	Body & Hotspot 10mm	0.027
38-n78	Body & Hotspot 10mm	0.088
41-n41	Body & Hotspot 10mm	0.066
41-n77	Body & Hotspot 10mm	0.080
41-n78	Body & Hotspot 10mm	0.086
66-n7	Body & Hotspot 10mm	0.097
66-n38	Body & Hotspot 10mm	0.104
66-n41	Body & Hotspot 10mm	0.106
66-n66	Body & Hotspot 10mm	0.125
66-n77	Body & Hotspot 10mm	0.147
66-n78	Body & Hotspot 10mm	0.374
BT	Body & Hotspot 10mm	0.090
Satellite-1	Body 10mm	0.588
Satellite-544	Body 10mm	0.611
Satellite-1087	Body 10mm	0.657
2.4GWIFI	Body & Hotspot 10mm	0.121
5GWIFI Band1	Body & Hotspot 10mm	0.084
5GWIFI Band2	Body & Hotspot 10mm	0.090
5GWIFI Band3	Body & Hotspot 10mm	0.080
5GWIFI Band4	Body & Hotspot 10mm	0.098
Maximum Max. SAR Level(s) Measured: (Limit: 1.6W/Kg):	7-n66	1.064 W/kg1gHeadTissue
	5GWIFI Band4	0.205 W/kg1gHeadTissue
	WCDMA Band4	1.023 W/kg1gBodyTissue
	2.4GWIFI	0.121 W/kg1gBodyTissue
The Head highest simultaneous SAR :		1.269 W/kg1gHeadTissue
The Body highest simultaneous SAR :		1.144 W/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:	X6877
Trade Name:	Infinix
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 2/4/5/7/12/17/38/41/42/66 NR Band 5/7/12/38/41/66/71/77/78 NSA(EN-DC): DC_2A_n7A, DC_2A_n66A, DC_2A_n78A, DC_4A_n7A, 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_n77A, DC_41A_n78A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A, 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 DSSS (DBPSK, DQPSK, CCK) for IEEE 802.11b IEEE 802.11g/a/n/ac: OFDM IEEE 802.11ax: OFDM /OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM) GFSK, $\pi/4$ -DQPSK, 8-DPSK $\pi/4$ -DQPSK (Satellite)
Device Class :	Class B, No DTM Mode
Operating Frequency Range(s):	GSM850: 824-849MHz (TX), 869-894MHz (RX) PCS1900: 1850-1910MHz (TX), 1930-1990MHz (RX) WCDMA Band2: 1850-1910MHz (TX), 1930-1990MHz (RX); WCDMA Band4: 1710-1755MHz (TX), 2110-2155MHz (RX); WCDMA Band5: 824-849MHz (TX), 869-894MHz (RX); LTE Band2: 1850-1910MHz (TX), 1930-1990MHz (RX); LTE Band4: 1710-1755MHz (TX), 2110-2155MHz (RX); LTE Band5: 824-849MHz (TX), 869-894MHz (RX); LTE Band7: 2500-2570MHz (TX), 2620-2690MHz (RX); LTE Band12: 699-716MHz (TX), 729-746MHz (RX); LTE Band17: 704-716MHz (TX), 734-746MHz (RX);

Operating Frequency Range(s)	LTE Band38: 2570-2620MHz(TX), 2570-2620MHz(RX); LTE Band41: 2496-2690 MHz(TX), 2496-2690 MHz(RX); LTE Band42: 3450-3550 MHz(TX), 3450-3550 MHz(RX); LTE Band66:1710-1780 MHz(TX), 2110-2200 MHz(RX); NR Band5: 824-849MHz (TX), 869-894MHz (RX); NR Band7: 2500-2570MHz (TX), 2620-2690MHz (RX); NR Band12: 699-716MHz (TX), 729-746MHz (RX); NR Band38:2570-2620MHz(TX), 2570-2620MHz(RX); NR Band41:2496-2690 MHz(TX), 2496-2690 MHz(RX); NR Band66:1710-1780 MHz(TX), 2110-2200 MHz(RX); NR Band71:663-698 MHz(TX), 617-652 MHz(RX); NR Band77:3450-3550 MHz(TX), 3450-3550 MHz(RX); NR Band77:3700-3980 MHz(TX), 3700-3980 MHz(RX); NR Band78:3450-3550 MHz(TX), 3450-3550 MHz(RX); NR Band78:3700-3800 MHz(TX), 3700-3800 MHz(RX); 2412MHz~2462MHz (802.11b/g/n/ax(HT20) 2422MHz~2452MHz (802.11n/ax(HT40) Band 1: 5180-5240 MHz, Band 2: 5260-5320 MHz Band 3: 5500-5700 MHz, Band 4: 5745-5825 MHz Satellite:1626.5MHz-1660.5MHz(TX),1525MHz-1559MHz (RX)
Antenna gain:	GSM 850/WCDMA B5/LTE B5/NR N5:-5.79dbi PCS 1900/WCDMA B2/LTE B2:-3.53dbi WCDMA B4/LTE B4/ LTE B66/NR N66: -3.78dbi LTE B7/ LTE B38/ LTE B41/ NR N7/ NR N38/ NR N41:-3.36dbi LTE B12/LTE B17/NR N12:-5.41dbi LTE B42:-3.88dBi, NR 77/NR 78:-3.88dBi, NR 71:-6.56dBi Satellite: -2.25dBi
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/B17/NR N12: 3.00W(34.77dBm) LTE B42/NR 77/NR 78: 1.00W(30.00dBm) NR 71: 3.00W(34.77dBm)
Power Source:	Rechargeable Li-ion Polymer Battery :BL-68DX Nominal Voltage: 3.82V Rated Capacity:6840mAh/26.13Wh Typical Capacity:7000mAh/26.74Wh Limited Charge Voltage:4.53V Wireless charger:XMC30 Input: 5.0V~2A 9.0V~2A 14.0V~2.2A Output: 5W/7.5W/10W/30W

Note:1: During the process of the mobile phone connecting to the satellite, the distance between the mobile phone and the user's body should be $10\text{cm} < d \leq 40\text{cm}$ (based on the assessment of the satellite communication hands-free model when the user holds the phone vertically). Satellite communication only supports hands-free calls, and there is no usage scenario where it is in close contact with the head or body.

2.Please note that this satellite communication smartphone cannot be used when worn close to the body. In this state, the phone will be disconnected from the software guidance, causing the satellite communication function to be turned off. Moreover, it cannot receive or send satellite signals normally in this state, making it impractical and restricted by the software.

3. When satellite communication is activated, the smart phone will disable functions such as mobile data, WLAN, positioning, NFC, personal hotspot and reverse charging to ensure that the performance of satellite communication meets the protocol standards.

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, Tangtuo Avenue, Shiyan 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:	INFINIX MOBILITY LIMITED
Applicant Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer Name:	INFINIX MOBILITY 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)

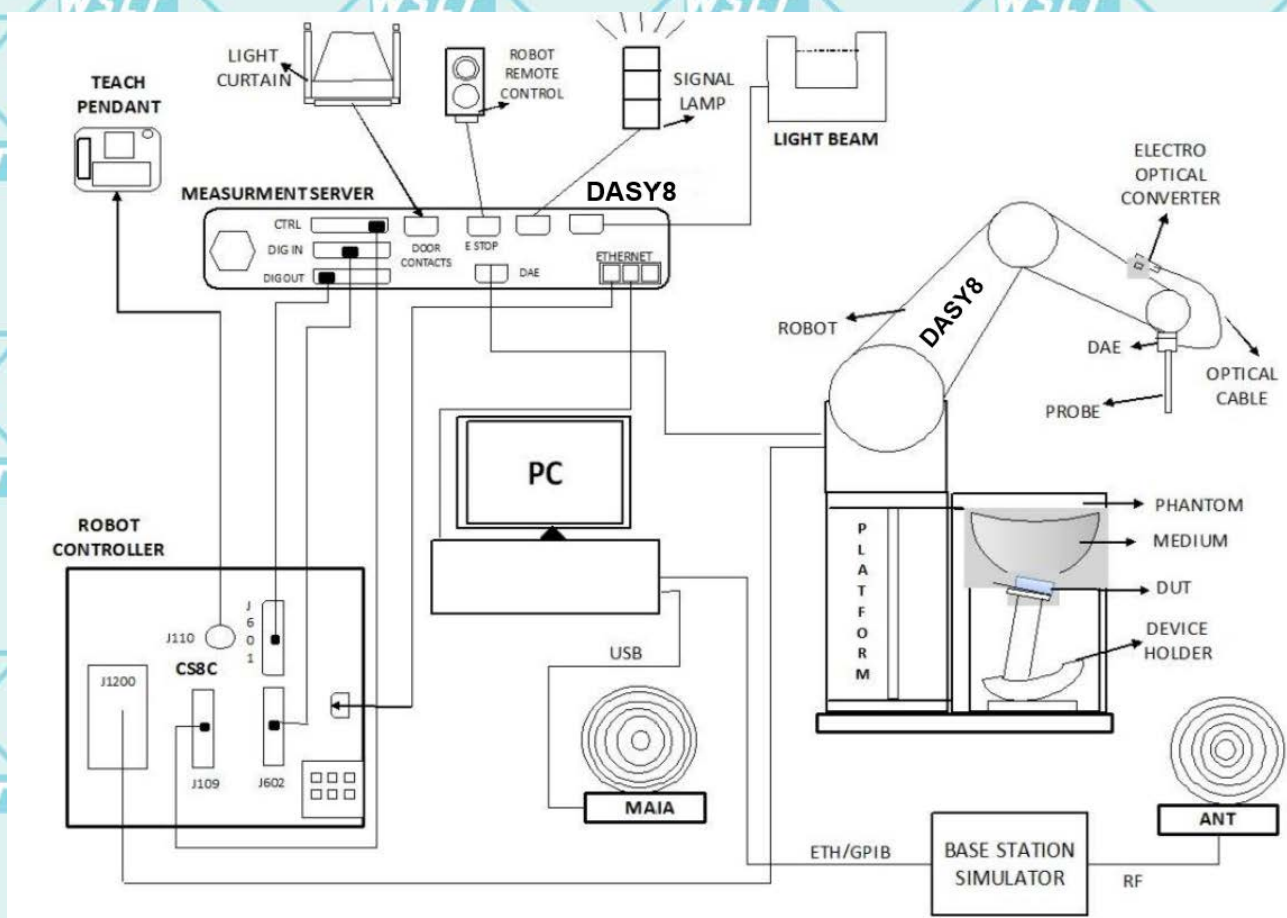
ρ = mass density of the tissue (kg/m³)

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:7951 and EX3DV4-SN:7895 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

Note: E-Field Probe EX3DV4-SN:7895 is used for testing satellite communication.

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: <5 μ V (with auto zero)
- Input resistance: 200M Ω
- Input bias current: <50 fA
- Power supply: integrated (from the DASY8 measurement server)
- Dimensions (L $\times$ W $\times$ H): 60 $\times$ 60 $\times$ 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.

			≤ 3 GHz	>3 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			≤ 2 GHz: $\leq 15\text{ mm}$ 2-3 GHz: $\leq 12\text{ mm}$	3- 4 GHz: $\leq 12\text{ mm}$ 4- 6 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}			≤ 2 GHz: $\leq 8\text{ mm}$ 2-3 GHz: $\leq 5\text{ mm}^*$	3- 4 GHz: $\leq 5\text{ mm}^*$ 4- 6 GHz: $\leq 4\text{ mm}^*$
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: Δz_{Zoom} (n)		$\leq 5\text{ mm}$	3- 4 GHz: $\leq 4\text{ mm}$ 4- 5 GHz: $\leq 3\text{ mm}$ 5- 6 GHz: $\leq 2\text{ mm}$
	graded grid	Δz_{Zoom} (1): between 1 st two points closest to phantom surface	$\leq 4\text{ mm}$	3-4 GHz: $\leq 3\text{ mm}$ 4-5 GHz: $\leq 2.5\text{ mm}$ 5-6 GHz: $\leq 2\text{ mm}$
		Δz_{Zoom} (n>1): between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}$ (n-1) mm	
Minimum zoom scan volume	x, y,z		$\geq 30\text{ mm}$	3 -4 GHz: $\geq 28\text{ mm}$ 4- 5 GHz: $\geq 25\text{ mm}$ 5- 6 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:

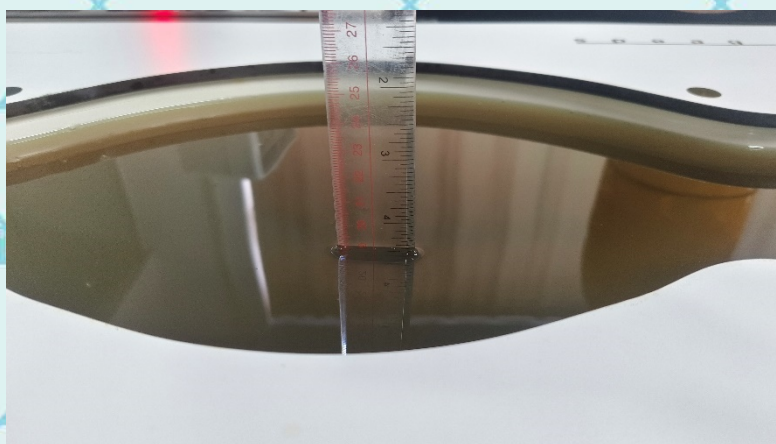
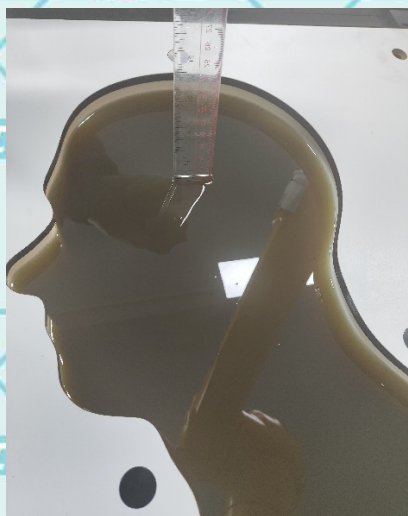
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan 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

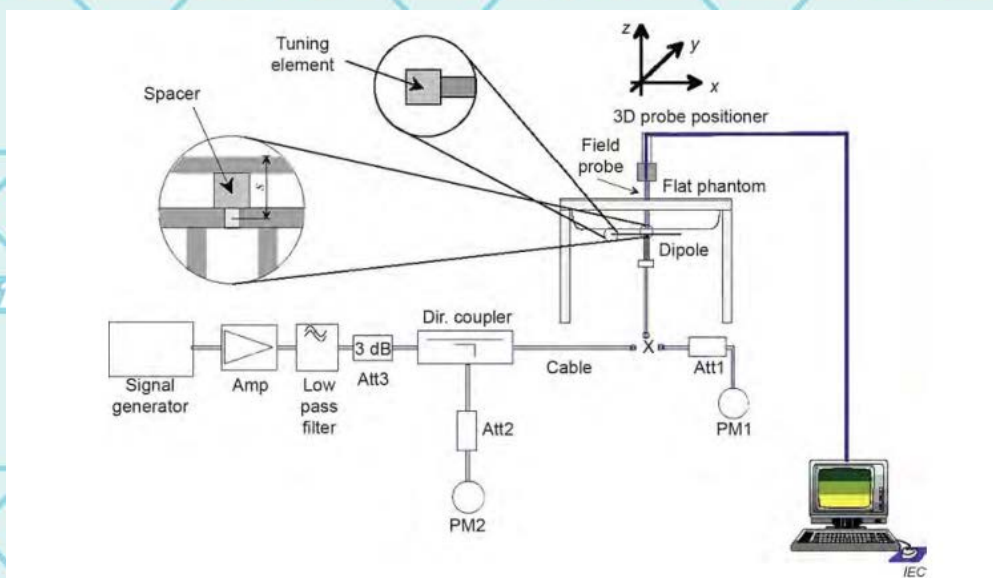
Used Target Frequency	Target Tissue		Measured Tissue		Liquid Temp.	Test Date
	ϵ_r (+/-5%)	σ (S/m) (+/-5%)	ϵ_r	σ (S/m)		
750MHz Head	41.90 (39.805~43.995)	0.89 (0.85~0.93)	43.90	0.885	21.6°C	2025-12-06
835MHz Head	41.50 (39.425~43.575)	0.90 (0.86~0.95)	41.60	0.914	21.6°C	2025-12-09
1750MHz Head	40.10 (38.10~42.10)	1.37 (1.31~1.43)	41.90	1.34	21.6°C	2025-12-11
1900MHz Head	40.00 (38.00~42.00)	1.40 (1.33~1.47)	41.70	1.44	21.6°C	2025-12-13
2450MHz Head	39.20 (37.24~41.16)	1.80 (1.71~1.89)	40.27	1.82	21.6°C	2025-12-16
2550MHz Head	39.10 (37.15~41.05)	1.91 (1.82~2.01)	40.80	1.90	21.6°C	2025-12-18
2600MHz Head	39.00 (37.05~40.95)	1.96 (1.86~2.05)	39.87	1.94	21.6°C	2025-12-20
3400MHz Head	38.00 (36.10~39.90)	2.81 (2.67~2.95)	39.30	2.63	21.6°C	2025-12-23
3500MHz Head	37.90 (36.01~39.79)	2.91 (2.77~3.05)	39.20	2.72	21.6°C	2025-12-26
3700MHz Head	37.70 (35.82~39.58)	3.12 (2.97~3.27)	38.90	2.90	21.6°C	2025-12-29
3900MHz Head	37.50 (35.63~39.37)	3.32 (2.97~3.27)	38.60	3.10	21.6°C	2025-12-31
5200MHz Head	36.00 (34.20~37.80)	4.66 (4.43~4.89)	36.30	4.54	21.6°C	2026-01-04
5500MHz Head	35.60 (33.82~37.38)	4.96 (4.71~5.20)	35.80	4.88	21.6°C	2026-01-04
5800MHz Head	35.30 (33.54~37.06)	5.27 (5.01~5.53)	35.30	5.23	21.6°C	2026-01-04
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	2025-12-06
D835V2 Body	9.68 (8.72~10.64)	6.44 (5.80~7.08)	9.94	6.55	21.6°C	2025-12-09
D1750V2 Body	36.40 (32.76~40.04)	19.60 (17.64~21.56)	36.20	19.50	21.6°C	2025-12-11
D1900V2 Body	39.70 (35.73~43.67)	21.00 (18.90~23.10)	40.40	21.10	21.6°C	2025-12-13
D2550V2 Body	54.10 (48.69~59.51)	24.70 (22.23~27.17)	55.80	25.60	21.6°C	2025-12-18
D3400V2 Body	69.20 (62.28~76.12)	26.30 (23.67~28.93)	72.50	28.10	21.6°C	2025-12-23
D3500V2 Body	65.30 (58.77~71.83)	24.80 (22.32~27.28)	62.80	24.00	21.6°C	2025-12-26
D3700V2 Body	69.30 (62.37~76.23)	25.40 (22.86~27.94)	63.70	23.70	21.6°C	2025-12-29
D3900V2 Body	69.50 (62.55~76.45)	24.30 (21.87~26.73)	67.40	23.80	21.6°C	2025-12-31
D5200V2 Body	76.00 (68.40~83.60)	22.00 (19.80~24.20)	71.70	20.70	21.6°C	2026-01-04
D5300V2 Body	80.60 (72.54~88.66)	23.30 (20.97~25.63)	80.80	23.10	21.6°C	2026-01-04
D5500V2 Body	85.60 (77.04~94.16)	24.50 (22.05~26.95)	79.00	22.50	21.6°C	2026-01-04
D5600V2 Body	83.30 (74.97~91.63)	24.10 (21.69~26.51)	78.70	22.40	21.6°C	2026-01-04
D5800V2 Body	79.00 (71.10~86.90)	22.70 (20.43~24.97)	77.60	22.00	21.6°C	2026-01-04

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

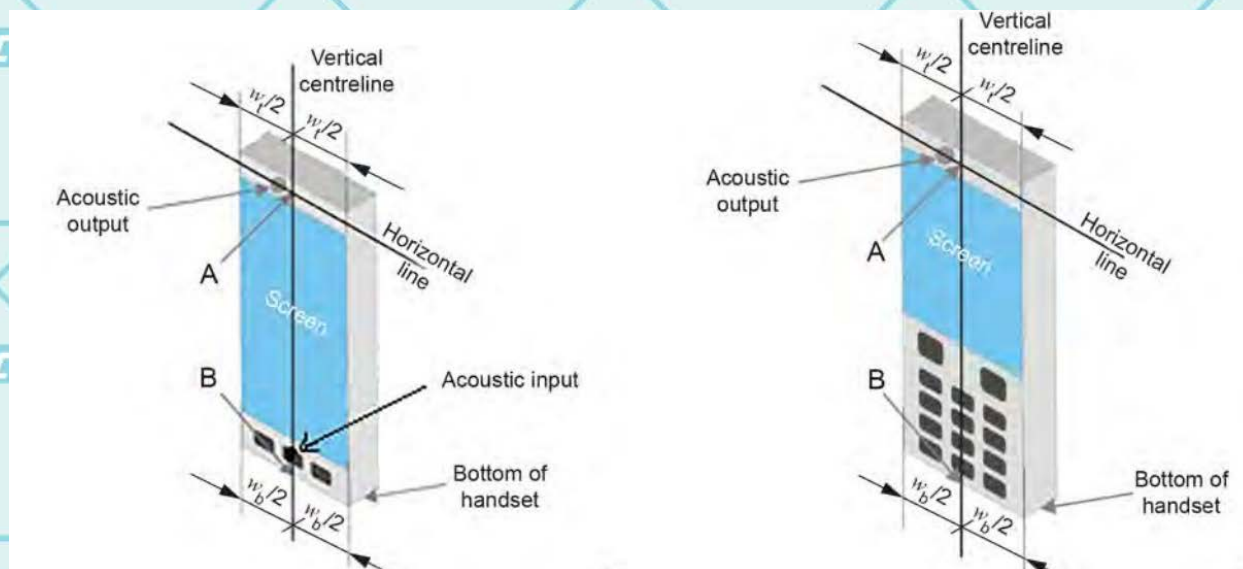
9 Test Position Configurations

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.

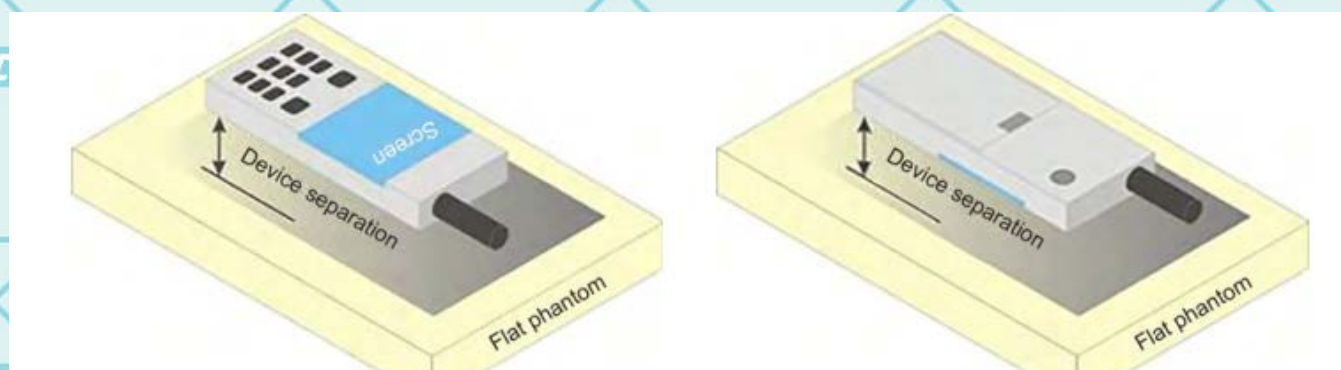


9.2 Body Exposure Condition

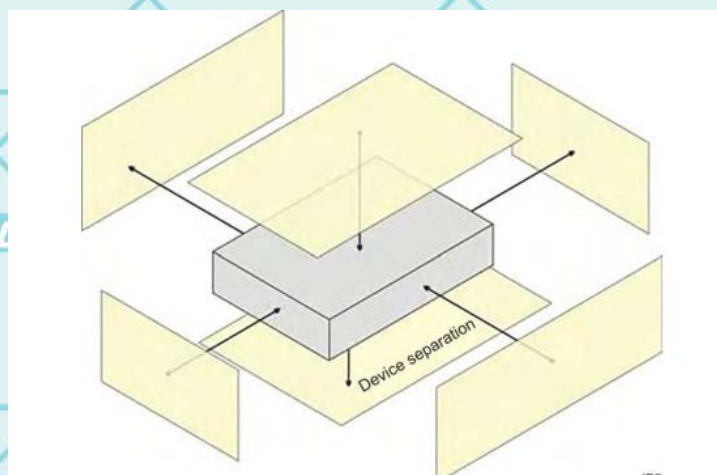
According to 447498 D04

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_{hs} 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 $\frac{1}{4}$ 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)		34.50	34.39	34.43	28.89	-9.03	25.36	25.40	19.86
GPRS (GMSK)	1Tx slot	34.50	34.39	34.42	34.44	-9.03	25.36	25.39	25.41
	2Tx slots	34.00	33.51	33.54	33.55	-6.02	27.49	27.52	27.53
	3Tx slots	31.50	31.40	31.40	31.46	-4.26	27.14	27.14	27.20
	4Tx slots	30.50	30.18	30.19	30.24	-3.01	27.17	27.18	27.23
EGPRS (8PSK)	1Tx slot	29.50	28.74	28.46	29.25	-9.03	19.71	19.43	20.22
	2Tx slots	28.00	27.72	27.75	27.88	-6.02	21.70	21.73	21.86
	3Tx slots	26.00	25.64	25.93	25.62	-4.26	21.38	21.67	21.36
	4Tx slots	25.00	24.69	24.68	24.63	-3.01	21.68	21.67	21.62
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)		31.50	30.61	30.63	31.08	-9.03	21.58	21.60	22.05
GPRS (GMSK)	1Tx slot	31.50	30.62	30.62	31.07	-9.03	21.59	21.59	22.04
	2Tx slots	30.50	29.54	29.55	30.11	-6.02	23.52	23.53	24.09
	3Tx slots	28.00	27.34	27.35	27.96	-4.26	23.08	23.09	23.70
	4Tx slots	27.00	26.14	26.11	26.69	-3.01	23.13	23.10	23.68
EGPRS (8PSK)	1Tx slot	27.50	26.87	26.93	27.29	-9.03	17.84	17.90	18.26
	2Tx slots	26.00	25.76	25.48	25.60	-6.02	19.74	19.46	19.58
	3Tx slots	24.00	23.31	23.13	23.53	-4.26	19.05	18.87	19.27
	4Tx slots	22.50	22.06	21.97	21.79	-3.01	19.05	18.96	18.78

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		25.50	24.93	25.02	24.54
HSDPA	Subtest-1	25.50	25.01	23.60	22.36
	Subtest-2	25.50	22.18	25.06	23.61
	Subtest-3	24.50	22.56	22.07	24.14
	Subtest-4	23.50	23.22	21.85	21.64
HSUPA	Subtest-1	23.50	22.97	23.01	23.08
	Subtest-2	23.50	22.96	23.00	23.06
	Subtest-3	24.50	23.96	24.01	24.06
	Subtest-4	23.00	22.51	22.59	22.63
	Subtest-5	24.50	23.93	23.99	24.02
Mode		Maximum Tune-up(dBm)	WCDMA Band 4		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
			1712.4	1732.6	1752.6
RMC 12.2K		25.00	24.91	24.93	24.77
HSDPA	Subtest-1	25.00	25.00	23.65	22.68
	Subtest-2	25.50	22.13	25.01	23.47
	Subtest-3	25.00	22.36	22.34	24.86
	Subtest-4	23.50	23.23	22.44	22.46
HSUPA	Subtest-1	23.00	22.96	22.99	22.81
	Subtest-2	23.00	22.93	22.97	22.79
	Subtest-3	24.00	23.96	23.98	23.83
	Subtest-4	23.00	22.51	22.53	22.36
	Subtest-5	24.00	23.95	23.96	23.81
Mode		Maximum Tune-up(dBm)	WCDMA Band 5		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
			826.4	836.6	846.6
RMC 12.2K		25.00	24.90	24.85	24.79
HSDPA	Subtest-1	25.50	25.03	23.45	22.36
	Subtest-2	25.00	21.89	24.90	23.37
	Subtest-3	25.00	22.26	21.68	24.87
	Subtest-4	23.50	23.21	21.97	21.40
HSUPA	Subtest-1	23.50	23.01	22.86	22.83
	Subtest-2	23.00	22.97	22.87	22.82
	Subtest-3	24.00	23.99	23.87	23.84
	Subtest-4	23.00	22.52	22.39	22.36
	Subtest-5	24.00	24.00	23.91	23.84

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					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18607	18900	19193
1.4MHz	QPSK	1	0	22.00	18.73	21.93	21.79
			2	22.00	21.67	21.93	21.78
			5	22.00	21.70	21.94	21.72
		3	0	22.00	21.57	21.72	21.74
			2	22.00	21.54	21.72	21.70
			3	22.00	21.55	21.77	21.70
	16QAM	6	0	21.00	20.70	20.77	20.75
			0	21.50	20.61	20.95	21.01
			2	21.00	20.53	20.88	20.93
		3	5	21.00	20.58	20.97	21.00
			0	21.00	20.80	20.90	20.96
			2	21.00	20.79	20.88	20.98
3MHz	QPSK	1	3	21.00	20.79	20.91	20.96
			0	20.00	19.84	19.91	19.96
			0	22.00	18.615	18900	19185
		8	1851.5MHz	1880.0MHz	1908.5MHz		
			0	22.00	21.71	21.80	21.86
			7	22.00	21.71	21.88	21.83
	16QAM	15	14	22.00	21.70	21.82	21.85
			0	21.00	20.73	20.80	20.86
			4	21.00	20.74	20.82	20.84
		8	7	21.00	20.77	20.85	20.82
			0	21.00	20.74	20.83	20.89
			0	21.50	21.12	20.98	20.74
5MHz	QPSK	1	7	21.50	21.09	21.03	20.68
			14	21.50	21.12	21.05	20.70
			0	20.00	19.75	19.81	19.87
		12	4	20.00	19.77	19.85	19.87
			7	20.00	19.79	19.87	19.84
			0	20.00	19.80	19.80	19.96
	16QAM	25	18625	18900	19175		
			1852.5MHz	1880.0MHz	1907.5MHz		
			0	22.00	21.75	21.85	21.89
		12	13	22.00	21.79	21.95	21.83
			24	22.00	21.83	21.99	21.82
			0	21.00	20.79	20.81	20.93
10MHz	QPSK	25	6	21.00	20.77	20.84	20.86
			13	21.00	20.80	20.85	20.87
			0	21.00	20.82	20.88	20.89
		12	0	21.50	21.29	21.13	21.19
			13	21.50	21.29	21.20	21.15
			24	21.50	21.30	21.29	21.16
	16QAM	25	0	20.00	19.78	19.78	19.95
			6	20.00	19.77	19.80	19.90
			13	20.00	19.80	19.84	19.90
		12	0	20.00	19.73	19.89	19.85
			6	20.00	19.73	19.89	19.85
			13	20.00	19.73	19.89	19.85

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	22.50	21.75	21.84	22.11
			25	22.50	21.78	21.96	22.02
			49	22.00	21.85	21.94	21.95
		25	0	21.00	20.76	20.78	20.93
			13	21.00	20.79	20.80	20.85
			25	21.00	20.84	20.86	20.83
	16QAM	50	0	21.00	20.81	20.81	20.87
			0	21.50	21.13	20.89	20.85
			25	21.50	21.15	21.00	20.69
		1	49	21.50	21.24	21.11	20.72
			0	20.00	19.79	19.77	19.93
			13	20.00	19.80	19.79	19.85
15MHz	QPSK	25	25	20.00	19.85	19.85	19.83
			0	20.00	19.79	19.82	19.85
			0	20.00	19.79	19.82	19.85
	16QAM	36	0	22.50	21.81	21.83	22.23
			38	22.50	21.84	21.93	22.08
			74	22.00	21.77	21.98	21.94
	16QAM	75	0	21.00	20.75	20.75	20.95
			18	21.00	20.78	20.76	20.89
			39	21.00	20.80	20.85	20.83
20MHz	QPSK	75	0	21.00	20.80	20.82	20.93
			0	21.50	21.20	20.94	21.13
			38	21.50	21.25	21.05	21.02
	16QAM	74	21.50	21.23	21.12	21.12	20.97
			0	20.00	19.81	19.83	19.95
			18	20.00	19.84	19.85	19.89
20MHz	QPSK	39	20.00	19.85	19.94	19.94	19.83
			0	20.00	19.78	19.82	19.95
			0	20.00	19.78	19.82	19.95
	16QAM	100	0	22.50	21.84	21.87	22.15
			50	22.50	21.84	22.02	21.99
			99	22.50	21.79	22.17	21.92
20MHz	QPSK	50	0	21.50	20.83	20.77	21.01
			25	21.00	20.86	20.84	20.96
			50	21.00	20.81	20.96	20.88
	16QAM	100	0	21.00	20.79	20.87	20.96
			0	21.50	21.22	21.02	21.36
			50	21.50	21.22	21.12	21.24
20MHz	QPSK	99	21.50	21.09	21.22	21.22	21.17
			0	20.50	19.88	19.75	20.07
			25	20.50	19.93	19.83	20.02
	16QAM	50	50	20.00	19.87	19.94	19.92
			0	20.00	19.82	19.87	20.00
			0	20.00	19.82	19.87	20.00

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 1710.7MHz	20175 1732.5MHz	20393 1754.3MHz
1.4MHz	QPSK	1	0	22.50	22.08	22.22	22.31
			2	22.50	22.11	22.22	22.30
			5	22.50	22.11	22.18	22.27
		3	0	22.50	22.13	22.14	22.33
			2	22.50	22.13	22.12	22.33
			3	22.50	22.11	22.12	22.32
	16QAM	6	0	21.50	21.13	21.15	21.33
			0	22.00	21.05	21.42	21.56
			2	22.00	21.07	21.35	21.53
		3	5	22.00	21.04	21.34	21.60
			0	22.00	21.24	21.36	21.54
			2	22.00	21.24	21.34	21.57
3MHz	QPSK	1	3	22.00	21.26	21.32	21.53
			0	20.50	20.30	20.33	20.50
			0	20.50	20.30	20.33	20.50
		8	0	22.50	22.16	22.16	22.37
			7	22.50	22.14	22.17	22.39
			14	22.50	22.13	22.14	22.39
		15	0	21.50	21.15	21.19	21.37
			4	21.50	21.13	21.18	21.37
			7	21.50	21.10	21.16	21.37
	16QAM	1	0	21.50	21.09	21.16	21.38
			0	22.00	21.56	21.44	21.31
			7	22.00	21.51	21.41	21.29
		8	14	22.00	21.54	21.37	21.29
			0	20.50	20.19	20.22	20.41
			4	20.50	20.18	20.20	20.38
		15	7	20.50	20.16	20.21	20.38
			0	20.50	20.18	20.15	20.43
			0	20.50	20.18	20.15	20.43
5MHz	QPSK	1	0	22.50	22.26	22.30	22.31
			13	22.50	22.24	22.25	22.30
			24	22.50	22.25	22.25	22.34
		12	0	21.50	21.15	21.21	21.40
			6	21.50	21.16	21.17	21.39
			13	21.50	21.12	21.13	21.38
		25	0	21.50	21.18	21.22	21.43
			0	22.00	21.65	21.71	21.65
			13	22.00	21.63	21.63	21.64
	16QAM	1	24	22.00	21.65	21.63	21.70
			0	20.50	20.15	20.19	20.45
			6	20.50	20.14	20.15	20.44
		12	13	20.50	20.12	20.14	20.46
			0	20.50	20.12	20.23	20.38
			0	20.50	20.12	20.23	20.38
		25	0	20.50	20.12	20.23	20.38
			0	20.50	20.12	20.23	20.38
			0	20.50	20.12	20.23	20.38

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	22.50	22.25	22.25	22.37
			25	22.50	22.22	22.15	22.38
			49	22.50	22.21	22.11	22.44
		25	0	21.50	21.16	21.23	21.29
			13	21.50	21.18	21.20	21.33
			25	21.50	21.17	21.15	21.34
	16QAM	50	0	21.50	21.15	21.20	21.32
			0	22.00	21.53	21.44	21.18
			25	22.00	21.56	21.37	21.22
		1	49	22.00	21.54	21.31	21.33
			0	20.50	20.18	20.22	20.27
			13	20.50	20.18	20.19	20.33
15MHz	QPSK	25	25	20.50	20.17	20.13	20.33
			0	20.50	20.13	20.20	20.27
			0	20.50	20.13	20.20	20.27
	16QAM	50	0	20.50	20.13	20.20	20.27
			0	20.50	20.13	20.20	20.27
			0	20.50	20.13	20.20	20.27
20MHz	QPSK	1	0	22.50	22.19	22.37	22.26
			38	22.50	22.16	22.22	22.22
			74	22.50	22.22	22.19	22.32
		36	0	21.50	21.13	21.20	21.26
			18	21.50	21.14	21.16	21.29
			39	21.50	21.14	21.14	21.32
	16QAM	75	0	21.50	21.15	21.18	21.29
			0	22.00	21.54	21.73	21.47
			38	22.00	21.55	21.66	21.47
		36	74	22.00	21.57	21.53	21.51
			0	20.50	20.18	20.26	20.34
			18	20.50	20.19	20.22	20.37
20MHz	QPSK	39	39	20.50	20.19	20.19	20.39
			0	20.50	20.13	20.16	20.26
			0	20.50	20.13	20.16	20.26
	16QAM	75	0	20.50	20.13	20.16	20.26
			0	20.50	20.13	20.16	20.26
			0	20.50	20.13	20.16	20.26
20MHz	QPSK	1	0	22.50	22.21	22.25	22.25
			50	22.50	22.17	22.25	22.21
			99	22.50	22.29	22.17	22.31
		50	0	21.50	21.18	21.28	21.30
			25	21.50	21.19	21.22	21.30
			50	21.50	21.22	21.18	21.34
	16QAM	100	0	21.50	21.20	21.22	21.29
			0	22.00	21.54	21.47	21.58
			50	22.00	21.58	21.45	21.58
		50	99	22.00	21.62	21.36	21.65
			0	20.50	20.27	20.27	20.34
			25	20.50	20.27	20.23	20.32
20MHz	QPSK	50	50	20.50	20.28	20.18	20.37
			0	20.50	20.21	20.21	20.30
			0	20.50	20.21	20.21	20.30
	16QAM	100	0	20.50	20.21	20.21	20.30
			0	20.50	20.21	20.21	20.30
			0	20.50	20.21	20.21	20.30

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	24.00	23.70	23.88	23.67
			2	24.00	23.68	23.88	23.66
			5	24.00	23.71	23.86	23.64
		3	0	24.00	23.61	23.82	23.53
			2	24.00	23.61	23.79	23.50
			3	24.00	23.62	23.78	23.52
	16QAM	6	0	23.00	22.69	22.83	22.55
			0	23.50	22.82	23.10	22.53
			2	23.50	22.75	23.01	22.45
		3	5	23.50	22.82	23.10	22.52
			0	23.00	22.86	23.00	22.65
			2	23.50	22.84	23.05	22.66
3	3	23.50	22.86	23.03	22.66		
	6	0	22.50	21.86	22.01	21.72	
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20415	20525
825.5MHz						836.5MHz	847.5MHz
3MHz	QPSK	1	0	24.00	23.88	23.95	23.73
			7	24.00	23.85	23.91	23.72
			14	24.00	23.92	23.91	23.67
		8	0	23.00	22.78	22.96	22.68
			4	23.00	22.75	22.96	22.63
			7	23.00	22.77	22.95	22.62
	16QAM	15	0	23.00	22.79	22.97	22.68
		1	0	23.50	23.06	23.21	22.63
			7	23.50	23.10	23.16	22.52
			14	23.50	23.14	23.15	22.49
		8	0	22.00	21.78	21.98	21.71
			4	22.00	21.76	21.97	21.64
7	22.00		21.80	21.96	21.63		
15	0	22.00	21.85	21.91	21.76		

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	23.99	24.17	23.86
			13	24.50	23.95	24.07	23.67
			24	24.50	24.05	24.07	23.66
		12	0	23.00	22.86	22.96	22.77
			6	23.00	22.86	22.94	22.70
			13	23.00	22.89	22.94	22.66
	16QAM	25	0	23.00	22.91	23.00	22.76
		1	0	23.50	23.19	23.44	23.10
			13	23.50	23.29	23.32	22.98
			24	23.50	23.45	23.30	22.98
		12	0	22.00	21.82	21.96	21.81
			6	22.00	21.81	21.94	21.74
13	22.00		21.84	21.93	21.70		
25	0	22.50	21.83	22.02	21.70		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20450	20525	20600
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	24.00	23.98	24.00	23.95
			25	24.00	23.96	23.99	23.86
			49	24.50	24.11	23.83	23.75
		25	0	23.00	22.89	22.99	22.85
			13	23.00	22.92	22.98	22.79
			25	23.50	23.01	22.92	22.70
	16QAM	50	0	23.00	22.94	22.99	22.78
		1	0	23.50	23.12	23.19	22.86
			25	23.50	23.30	23.17	22.65
			49	23.50	23.48	23.06	22.66
		25	0	22.00	21.89	21.98	21.88
			13	22.00	21.94	21.97	21.78
			25	22.50	22.01	21.91	21.70
		50	0	22.00	21.94	21.97	21.76

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	22.00	21.09	21.40	21.70
			13	22.00	21.26	21.39	21.77
			24	22.00	21.28	21.33	21.86
		12	0	21.00	20.19	20.37	20.75
			6	21.00	20.20	20.29	20.74
			13	21.00	20.24	20.27	20.79
	16QAM	25	0	21.00	20.23	20.34	20.77
			0	21.50	20.68	20.69	21.02
			13	21.50	20.70	20.68	21.07
		12	24	21.50	20.77	20.64	21.13
			0	20.00	19.21	19.34	19.80
			6	20.00	19.21	19.27	19.81
10MHz	QPSK	1	13	20.00	19.23	19.26	19.84
			25	20.00	19.17	19.32	19.74
		25	0	20.00	20.800	21100	21400
			0	22.00	21.20	21.38	21.60
			25	22.00	21.23	21.29	21.66
		50	49	22.00	21.31	21.28	21.88
			0	21.00	20.23	20.35	20.61
			13	21.00	20.22	20.31	20.65
	16QAM	25	25	21.00	20.29	20.30	20.74
			0	21.00	20.24	20.30	20.65
		1	0	21.00	20.62	20.56	20.49
			25	21.00	20.61	20.48	20.54
			49	21.00	20.73	20.45	20.76
		25	0	20.00	19.26	19.34	19.60
			13	20.00	19.24	19.31	19.64
			25	20.00	19.31	19.27	19.72
		50	0	20.00	19.22	19.30	19.62

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20825	21100	21375
					2057.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	21.50	21.13	21.39	21.30
			38	22.00	21.25	21.40	21.56
			74	22.00	21.29	21.23	21.83
		36	0	20.50	20.25	20.35	20.47
			18	21.00	20.26	20.32	20.59
			39	21.00	20.29	20.25	20.70
			75	21.00	20.26	20.29	20.56
	16QAM	1	0	21.00	20.41	20.48	20.74
			38	21.00	20.45	20.44	20.95
			74	21.50	20.47	20.29	21.20
		36	0	19.50	19.33	19.34	19.50
			18	20.00	19.35	19.32	19.65
			39	20.00	19.36	19.24	19.75
			75	20.00	19.23	19.31	19.56
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	21350	21100	21350
					2560.0MHz	2535.0MHz	2560.0MHz
20MHz	QPSK	1	0	21.50	21.15	21.26	21.21
			50	21.50	21.24	21.38	21.50
			99	22.00	21.29	21.24	21.75
		50	0	20.50	20.26	20.34	20.37
			25	21.00	20.32	20.34	20.53
			50	21.00	20.32	20.26	20.65
			100	20.50	20.26	20.29	20.48
	16QAM	1	0	21.00	20.55	20.55	20.54
			50	21.00	20.62	20.57	20.83
			99	21.50	20.66	20.45	21.10
		50	0	19.50	19.33	19.36	19.43
			25	20.00	19.39	19.35	19.56
			50	20.00	19.37	19.28	19.70
			100	19.50	19.29	19.29	19.49

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	23.00	22.50	22.77	22.67
			2	23.00	22.54	22.75	22.64
			5	23.00	22.56	22.72	22.56
		3	0	23.00	22.35	22.57	22.63
			2	23.00	22.40	22.57	22.60
			3	23.00	22.41	22.57	22.55
		6	0	22.00	21.47	21.64	21.64
	16QAM	1	0	22.00	21.34	21.88	21.91
			2	22.00	21.32	21.78	21.80
			5	22.00	21.42	21.84	21.81
		3	0	22.00	21.52	21.82	21.87
			2	22.00	21.54	21.79	21.88
			3	22.00	21.58	21.77	21.83
3MHz	QPSK	1	0	23.00	22.50	22.79	22.66
			7	23.00	22.57	22.79	22.69
			14	23.00	22.49	22.71	22.62
		8	0	22.00	21.57	21.75	21.72
			4	22.00	21.57	21.73	21.75
			7	22.00	21.56	21.72	21.73
		15	0	22.00	21.58	21.71	21.75
	16QAM	1	0	22.50	21.89	22.19	21.91
			7	22.50	21.92	22.13	21.90
			14	22.50	21.91	22.11	21.83
		8	0	21.00	20.57	20.78	20.76
			4	21.00	20.56	20.75	20.78
			7	21.00	20.61	20.74	20.75
		15	0	21.00	20.61	20.76	20.69
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	23025 700.5MHz	23095 707.5MHz	23165 714.5MHz

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	23.00	22.61	22.75	22.81
			13	23.00	22.58	22.86	22.78
			24	23.00	22.77	22.78	22.81
		12	0	22.00	21.61	21.76	21.74
			6	22.00	21.54	21.77	21.72
			13	22.00	21.60	21.73	21.79
	16QAM	25	0	22.00	21.61	21.79	21.80
			0	22.50	22.09	22.23	22.14
			13	22.50	22.08	22.29	22.10
		1	24	22.50	22.18	22.26	22.07
			0	21.00	20.59	20.76	20.72
			6	21.00	20.53	20.74	20.70
10MHz	QPSK	12	13	21.00	20.59	20.71	20.73
			0	21.00	20.53	20.71	20.80
			25	21.00	20.53	20.71	20.80
	16QAM	25	0	21.00	20.53	20.71	20.80
			0	21.00	20.53	20.71	20.80
			25	21.00	20.53	20.71	20.80
10MHz	QPSK	1	0	23.00	22.61	22.62	22.93
			25	23.00	22.73	22.74	22.78
			49	23.00	22.79	22.73	22.81
		25	0	22.00	21.60	21.74	21.74
			13	22.00	21.64	21.76	21.74
			25	22.00	21.76	21.71	21.74
	16QAM	50	0	22.00	21.68	21.74	21.76
			0	22.00	22.00	21.81	21.76
			1	25	22.50	22.09	21.62
		25	49	22.50	22.17	21.90	21.65
			0	21.00	20.61	20.72	20.74
			13	21.00	20.67	20.75	20.72
10MHz	QPSK	25	25	21.00	20.78	20.66	20.73
			0	21.00	20.64	20.72	20.71
			0	21.00	20.64	20.72	20.71
	16QAM	50	0	21.00	20.64	20.72	20.71
			0	21.00	20.64	20.72	20.71
			25	21.00	20.64	20.72	20.71

11.1.8 Conducted Power of LTE Band 17

LTE-FDD Band 17				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23755	23790	23825
					706.5MHz	710.0MHz	713.5MHz
5MHz	QPSK	1	0	23.00	22.78	22.86	22.73
			13	23.00	22.80	22.84	22.78
			24	23.00	22.93	22.77	22.67
		12	0	22.00	21.75	21.83	21.73
			6	22.00	21.75	21.80	21.76
			13	22.00	21.81	21.72	21.73
	25	0	22.00	21.80	21.79	21.77	
	16QAM	1	0	22.50	22.22	22.18	22.02
			13	22.50	22.24	22.13	22.06
			24	22.50	22.34	22.14	21.94
		12	0	21.00	20.71	20.79	20.77
			6	21.00	20.75	20.76	20.78
			13	21.00	20.81	20.69	20.79
		25	0	21.00	20.71	20.79	20.71
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	23780	23790	23800
					709.0MHz	710.0MHz	711.0MHz
10MHz	QPSK	1	0	23.00	22.73	22.74	22.81
			25	23.00	22.78	22.72	22.79
			49	23.00	22.78	22.73	22.77
		25	0	22.00	21.75	21.77	21.78
			13	22.00	21.79	21.75	21.71
			25	22.00	21.73	21.74	21.73
	50	0	22.00	21.75	21.78	21.78	
	16QAM	1	0	22.50	22.11	21.94	21.68
			25	22.50	22.18	21.90	21.58
			49	22.50	22.21	21.92	21.61
		25	0	21.00	20.77	20.75	20.77
			13	21.00	20.78	20.73	20.71
			25	21.00	20.72	20.75	20.72
		50	0	21.00	20.70	20.78	20.74

11.1.9 ConductePower 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	22.00	21.34	21.53	21.34
			13	21.50	21.40	21.50	21.32
			24	21.50	21.49	21.45	21.36
		12	0	21.00	20.47	20.56	20.34
			6	21.00	20.51	20.51	20.30
			13	21.00	20.54	20.52	20.33
	16QAM	25	0	21.00	20.52	20.56	20.36
			0	21.00	20.71	20.82	20.88
			13	21.00	20.72	20.85	20.87
		1	24	21.00	20.82	20.79	20.87
			0	20.00	19.47	19.60	19.31
			6	20.00	19.48	19.56	19.30
10MHz	QPSK	12	13	20.00	19.54	19.57	19.29
			0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
		25	0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
		50	0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
	16QAM	1	0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
		25	0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
		50	0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26
			0	20.00	19.52	19.53	19.26

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	QPSK	1	0	22.00	21.50	21.53	21.47
			38	22.00	21.65	21.57	21.46
			74	22.00	21.66	21.42	21.36
		36	0	21.00	20.57	20.58	20.37
			18	21.00	20.61	20.55	20.32
			39	21.00	20.63	20.53	20.30
	16QAM	75	0	21.00	20.56	20.55	20.36
		1	0	21.00	20.97	20.73	20.63
			38	21.50	21.11	20.78	20.55
			74	21.50	21.11	20.61	20.54
		36	0	20.00	19.66	19.68	19.37
			18	20.00	19.69	19.66	19.32
39	20.00		19.72	19.63	19.32		
75	0	20.00	19.58	19.53	19.39		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	38750	38000	38150
					2580.0MHz	2595.0MHz	2610.0MHz
20MHz	QPSK	1	0	22.00	21.36	21.60	21.45
			50	22.00	21.54	21.63	21.29
			99	22.00	21.52	21.46	21.19
		50	0	21.00	20.66	20.68	20.47
			25	21.00	20.73	20.64	20.40
			50	21.00	20.69	20.55	20.35
	16QAM	100	0	21.00	20.65	20.57	20.40
		1	0	21.00	20.73	20.78	20.81
			50	21.00	20.92	20.80	20.64
			99	21.00	20.87	20.63	20.61
		50	0	20.00	19.72	19.67	19.53
			25	20.00	19.80	19.63	19.45
50	20.00		19.75	19.55	19.39		
100	0	20.00	19.68	19.59	19.42		

11.1.10 Conducted Power of LTE Band 41

LTE-TDD Band 41					Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39675	40160	40620	41080	41565
					2498.5MHz	2552.0MHz	2593 MHz	2639.5 MHz	2687.5 MHz
5MHz	QPSK	1	0	22.00	21.65	21.33	22.00	21.49	21.98
			13	22.50	21.69	21.33	21.97	21.51	22.04
			24	22.50	21.73	21.37	22.01	21.56	22.11
		12	0	22.00	21.69	21.35	22.00	21.45	21.90
			6	22.00	21.70	21.34	21.98	21.45	21.92
			13	22.00	21.71	21.35	21.99	21.48	21.97
	16QAM	25	0	22.50	21.72	21.38	22.04	21.51	21.98
			0	23.00	21.93	21.61	22.29	21.90	22.51
			13	23.00	21.96	21.63	22.29	21.92	22.54
		1	24	23.00	22.04	21.68	22.31	21.96	22.61
			0	22.50	21.68	21.37	22.06	21.51	21.96
			6	22.50	21.72	21.39	22.05	21.48	21.91
		12	13	22.50	21.72	21.38	22.03	21.52	22.00
			0	22.50	21.75	21.39	22.02	21.49	21.95
		25	0	22.50	21.75	21.39	22.02	21.49	21.95
			0	23.00	21.93	21.61	22.29	21.90	22.51
			13	23.00	21.96	21.63	22.29	21.92	22.54
			24	23.00	22.04	21.68	22.31	21.96	22.61
10MHz	QPSK	1	0	22.50	21.76	21.44	22.12	21.53	21.93
			25	22.50	21.79	21.43	22.06	21.52	21.98
			49	22.50	21.92	21.49	22.05	21.56	22.07
		25	0	22.50	21.80	21.45	22.10	21.52	21.94
			13	22.50	21.71	21.39	22.06	21.50	21.93
			25	22.50	21.88	21.46	22.04	21.50	21.96
		50	0	22.50	21.83	21.46	22.08	21.53	21.97
			0	22.50	22.24	21.75	22.26	21.57	21.88
			25	22.50	22.27	21.75	22.22	21.57	21.92
		1	49	22.50	22.42	21.82	22.21	21.57	21.93
			0	22.50	21.80	21.45	22.10	21.52	21.94
			13	22.50	21.88	21.46	22.04	21.49	21.93
	16QAM	25	25	22.50	21.87	21.45	22.03	21.51	21.99
			0	22.50	21.83	21.46	22.09	21.51	21.92
		50	0	22.50	21.83	21.46	22.09	21.51	21.92
			0	23.00	21.93	21.61	22.29	21.90	22.51
			13	23.00	21.96	21.63	22.29	21.92	22.54
			24	23.00	22.04	21.68	22.31	21.96	22.61
		1	0	22.50	21.68	21.37	22.06	21.51	21.96
			6	22.50	21.72	21.39	22.05	21.48	21.91
			13	22.50	21.72	21.38	22.03	21.52	22.00
		12	0	22.50	21.75	21.39	22.02	21.49	21.95
			0	23.00	21.93	21.61	22.29	21.90	22.51
			13	23.00	21.96	21.63	22.29	21.92	22.54

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	22.50	21.79	21.46	22.12	21.46	21.79		
			38	22.50	21.92	21.55	22.17	21.54	21.90		
			74	22.50	21.99	21.53	22.06	21.54	22.01		
		36	0	22.50	21.61	21.35	22.08	21.44	21.79		
			18	22.50	21.83	21.45	22.07	21.44	21.81		
			39	22.50	21.90	21.48	22.05	21.48	21.90		
		75	0	22.50	21.86	21.47	22.07	21.45	21.82		
			38	22.50	22.36	21.85	22.33	21.69	22.05		
			74	22.50	22.44	21.82	22.20	21.69	22.17		
	36	0	22.50	21.85	21.52	22.19	21.56	21.93			
		18	22.50	21.91	21.54	22.16	21.56	21.95			
		39	22.50	21.97	21.54	22.11	21.56	22.00			
	75	0	22.50	21.87	21.48	22.08	21.51	21.93			
		Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39750	40185	40620	41055	41490
							2506 MHz	2549.5MHz	2593 MHz	2636.5MHz	2680 MHz
20MHz	QPSK	1	0	22.50	21.70	21.41	22.12	21.46	21.80		
			50	22.50	21.89	21.55	22.20	21.55	21.90		
			99	22.50	21.93	21.50	22.06	21.54	22.02		
		50	0	22.50	21.84	21.49	22.14	21.50	21.85		
			25	22.50	21.92	21.51	22.10	21.50	21.90		
			50	22.50	21.97	21.51	22.05	21.51	21.96		
		100	0	22.50	21.91	21.50	22.09	21.51	21.92		
			50	22.50	22.18	21.73	22.27	21.73	22.19		
			99	22.50	22.26	21.72	22.18	21.70	22.22		
	50	0	22.50	21.92	21.52	22.12	21.53	21.93			
		25	22.50	22.01	21.55	22.09	21.52	21.94			
		50	22.50	22.05	21.56	22.06	21.53	21.99			
	100	0	22.50	21.94	21.51	22.08	21.52	21.95			

11.1.11 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	20.50	20.26	20.33	20.37
			13	20.50	20.26	20.39	20.40
			24	20.50	20.31	20.38	20.45
		12	0	19.50	19.24	19.38	19.35
			6	19.50	19.24	19.35	19.34
			13	19.50	19.26	19.38	19.35
	16QAM	25	0	19.50	19.29	19.41	19.38
			0	20.00	19.58	19.70	19.96
			13	20.00	19.55	19.79	19.97
		1	24	20.50	19.63	19.76	20.01
			0	18.50	18.25	18.39	18.35
			6	18.50	18.23	18.44	18.35
10MHz	QPSK	12	13	18.50	18.23	18.45	18.38
			0	18.50	18.31	18.37	18.28
			25	18.50	18.31	18.37	18.28
		25	0	18.50	18.31	18.37	18.28
			0	18.50	18.31	18.37	18.28
			0	18.50	18.31	18.37	18.28
		50	0	18.50	18.31	18.37	18.28
			0	18.50	18.31	18.37	18.28
			0	18.50	18.31	18.37	18.28
	16QAM	1	25	20.00	19.83	19.59	19.33
			0	20.00	19.79	19.57	19.27
			49	20.00	19.88	19.63	19.39
		25	0	18.50	18.31	18.39	18.33
			13	18.50	18.28	18.38	18.32
			25	18.50	18.36	18.42	18.37
		50	0	18.50	18.31	18.42	18.31
			0	18.50	18.31	18.42	18.31
			0	18.50	18.31	18.42	18.31

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	20.50	20.27	20.38	20.36
			38	20.50	20.35	20.46	20.38
			74	20.50	20.35	20.48	20.46
		36	0	19.50	19.29	19.40	19.33
			18	19.50	19.33	19.40	19.34
			39	19.50	19.35	19.45	19.38
	16QAM	1	0	19.50	19.34	19.45	19.36
			0	20.00	19.78	19.54	19.52
			38	20.00	19.84	19.65	19.57
		36	74	20.00	19.86	19.64	19.64
			0	18.50	18.36	18.49	18.34
			18	18.50	18.39	18.49	18.33
20MHz	QPSK	1	39	19.00	18.41	18.52	18.38
			75	18.50	18.33	18.41	18.36
		50	0	18.50	18.33	18.41	18.36
			0	20.50	20.29	20.38	20.33
			50	20.50	20.36	20.48	20.29
			99	20.50	20.34	20.49	20.36
	16QAM	50	0	19.50	19.34	19.41	19.34
			25	19.50	19.39	19.46	19.39
			50	19.50	19.42	19.48	19.39
		100	0	19.50	19.37	19.42	19.31
			0	20.00	19.60	19.60	19.56
			50	20.00	19.67	19.72	19.54
20MHz	QPSK	1	99	20.00	19.67	19.72	19.60
			0	18.50	18.40	18.38	18.36
			25	18.50	18.43	18.42	18.40
		50	50	18.50	18.47	18.45	18.42
			0	18.50	18.41	18.43	18.34
			0	18.50	18.41	18.43	18.34

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		43115 3552.5MHz	43340 3575MHz	43565 3597.5MHz
5MHz	QPSK	1	0	20.50	20.35	20.20	20.30
			13	20.50	20.37	20.23	20.28
			24	20.50	20.41	20.24	20.34
		12	0	19.50	19.35	19.27	19.26
			6	19.50	19.34	19.24	19.26
			13	19.50	19.38	19.27	19.25
	16QAM	25	0	19.50	19.39	19.30	19.32
			0	20.00	19.64	19.57	19.91
			13	20.00	19.62	19.60	19.86
		1	24	20.00	19.66	19.61	19.86
			0	18.50	18.30	18.29	18.29
			6	18.50	18.34	18.27	18.27
10MHz	QPSK	12	13	18.50	18.33	18.29	18.28
			0	18.50	18.40	18.27	18.21
		25	0	18.50	18.40	18.27	18.21
	16QAM	1	0	18.50	18.40	18.27	18.21
			25	18.50	18.37	18.31	18.27
			0	18.50	18.37	18.31	18.27
	QPSK	25	0	20.50	20.40	20.32	20.36
			25	20.50	20.36	20.24	20.27
			49	20.50	20.44	20.35	20.30
	16QAM	50	0	19.50	19.38	19.29	19.29
			13	19.50	19.37	19.26	19.30
			25	19.50	19.41	19.30	19.30
	QPSK	1	0	19.50	19.37	19.28	19.29
			0	20.00	19.85	19.44	19.32
			25	20.00	19.87	19.37	19.21
	16QAM	25	49	20.00	19.95	19.47	19.27
			0	18.50	18.39	18.27	18.29
			13	18.50	18.40	18.24	18.28
	QPSK	50	25	18.50	18.42	18.27	18.27
			0	18.50	18.37	18.31	18.27
			0	18.50	18.37	18.31	18.27

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	43165	43340	43515
					3557.5MHz	3575MHz	3592.5MHz
15MHz	QPSK	1	0	20.50	20.32	20.27	20.36
			38	20.50	20.37	20.29	20.42
			74	20.50	20.38	20.34	20.37
		36	0	19.50	19.37	19.26	19.30
			18	19.50	19.39	19.28	19.32
			39	19.50	19.38	19.29	19.31
	16QAM	1	0	19.50	19.38	19.31	19.29
			0	20.00	19.83	19.44	19.50
			38	20.00	19.90	19.42	19.53
		36	74	20.00	19.88	19.49	19.51
			0	18.50	18.42	18.33	18.30
			18	18.50	18.45	18.36	18.29
20MHz	QPSK	1	39	18.50	18.45	18.39	18.29
			0	18.50	18.38	18.27	18.34
		50	0	18.50	18.38	18.27	18.34
			0	20.50	20.32	20.32	20.22
			50	20.50	20.35	20.32	20.34
			99	20.50	20.28	20.40	20.31
	16QAM	50	0	19.50	19.40	19.31	19.33
			25	19.50	19.41	19.33	19.37
			50	19.50	19.39	19.38	19.39
		100	0	19.50	19.37	19.30	19.33
			0	20.00	19.61	19.54	19.44
			50	20.00	19.69	19.53	19.56
20MHz	QPSK	1	99	20.00	19.68	19.60	19.54
			0	18.50	18.42	18.27	18.35
			25	18.50	18.45	18.31	18.41
		50	50	18.50	18.41	18.36	18.40
			0	18.50	18.40	18.34	18.37
			0	18.50	18.40	18.34	18.37

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	22.00	21.86	21.97	21.73
			2	22.00	21.89	21.96	21.77
			5	22.00	21.89	21.95	21.78
		3	0	22.00	21.74	21.78	21.64
			2	22.00	21.75	21.76	21.62
			3	22.00	21.75	21.80	21.65
	16QAM	6	0	21.00	20.78	20.83	20.67
			0	21.50	20.75	21.06	20.86
			2	21.00	20.68	20.96	20.77
		3	5	21.50	20.75	21.02	20.86
			0	21.00	20.87	20.97	20.83
			2	21.00	20.87	20.96	20.81
3MHz	QPSK	1	3	21.00	20.89	20.95	20.81
			0	20.00	19.94	20.00	19.85
			0	22.00	21.87	21.92	21.76
		8	7	22.00	21.85	21.88	21.78
			14	22.00	21.85	21.90	21.82
			0	21.00	20.81	20.92	20.75
		15	4	21.00	20.80	20.90	20.72
			7	21.00	20.82	20.90	20.73
			0	21.00	20.84	20.94	20.73
	16QAM	1	0	21.50	21.26	21.14	20.63
			7	21.50	21.14	21.12	20.59
			14	21.50	21.17	21.12	20.64
		8	0	20.00	19.84	19.97	19.77
			4	20.00	19.82	19.93	19.74
			7	20.00	19.86	19.95	19.73
		15	0	20.00	19.87	19.89	19.81
			0	22.00	21.87	21.92	21.76
			0	22.00	21.85	21.88	21.78
5MHz	QPSK	1	0	22.50	21.96	22.02	21.72
			13	22.00	21.91	22.00	21.75
			24	22.50	21.93	22.04	21.74
		12	0	21.00	20.86	20.95	20.77
			6	21.00	20.84	20.93	20.74
			13	21.00	20.84	20.92	20.76
		25	0	21.00	20.89	20.97	20.79
			0	21.50	21.41	21.35	21.04
			13	21.50	21.32	21.28	21.04
		1	24	21.50	21.34	21.32	21.06
			0	20.00	19.85	19.94	19.80
			6	20.00	19.81	19.90	19.77
	16QAM	12	13	20.00	19.81	19.90	19.80
			0	20.00	19.83	20.00	19.73
			0	20.00	19.83	20.00	19.73

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	22.00	22.00	21.99	21.78
			25	22.00	21.88	21.96	21.74
			49	22.00	21.89	21.96	21.80
		25	0	21.00	20.87	20.95	20.74
			13	21.00	20.86	20.93	20.71
			25	21.00	20.86	20.92	20.73
	16QAM	50	0	21.00	20.86	20.94	20.73
			0	21.50	21.29	21.14	20.70
			25	21.50	21.22	21.09	20.61
		1	49	21.50	21.24	21.13	20.67
			0	20.00	19.88	19.94	19.73
			13	20.00	19.86	19.92	19.69
15MHz	QPSK	25	25	20.00	19.88	19.89	19.71
			0	21.50	21.23	21.34	20.93
			74	21.50	21.33	21.34	20.91
		36	0	20.00	19.87	19.98	19.89
			18	20.00	19.86	19.94	19.80
			39	20.00	19.92	19.95	19.78
	16QAM	75	0	21.00	20.89	20.92	20.72
			0	21.50	21.31	21.34	21.11
			38	21.50	21.23	21.34	20.93
		1	74	21.50	21.33	21.34	20.91
			0	20.00	19.87	19.98	19.89
			18	20.00	19.86	19.94	19.80
20MHz	QPSK	36	39	20.00	19.92	19.95	19.78
			0	21.50	21.35	21.20	21.28
			50	21.50	21.22	21.18	21.03
		50	99	21.50	21.32	21.22	21.05
			0	20.00	19.97	19.98	19.91
			25	20.00	19.93	19.95	19.83
	16 QAM	50	50	20.00	19.97	19.93	19.76
			0	21.50	21.35	21.20	21.28
			50	21.50	21.22	21.18	21.03
		1	99	21.50	21.32	21.22	21.05
			0	20.00	19.97	19.98	19.91
			25	20.00	19.93	19.95	19.83

11.1.14 Conducted Power of NR n5

NR n5					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	165800	167300	168800
					829.0MHz	836.5MHz	844.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.50	24.47	23.95	24.12
	DFT_QPSK	24@0	LOW	23.50	23.33	23.06	23.21
	DFT_QPSK	12@6	LOW	24.50	24.41	24.09	24.16
	DFT_QPSK	1@1	LOW	25.00	24.74	24.30	24.44
	DFT_QPSK	1@22	LOW	25.00	24.07	24.32	24.51
	DFT_QAM16	1@1	LOW	24.00	23.20	23.37	23.53
	DFT_QAM64	1@1	LOW	22.00	21.78	21.71	21.24
	DFT_QAM256	1@1	LOW	20.00	19.78	19.35	19.94
	CP_QPSK	1@1	LOW	23.50	23.28	22.97	23.12
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	166300	167300	168300
					831.5MHz	836.5MHz	841.5MHz
15MHz	DFT_BPSK	1@1	LOW	24.50	24.48	24.27	24.00
	DFT_QPSK	36@0	LOW	23.50	23.20	23.08	23.10
	DFT_QPSK	18@9	LOW	24.50	24.15	24.07	24.08
	DFT_QPSK	1@1	LOW	24.50	24.28	24.17	23.72
	DFT_QPSK	1@36	LOW	24.50	23.99	24.30	23.82
	DFT_QAM16	1@1	LOW	24.00	23.57	23.17	23.41
	DFT_QAM64	1@1	LOW	22.00	21.85	21.94	21.62
	DFT_QAM256	1@1	LOW	20.00	19.65	19.76	19.68
	CP_QPSK	1@1	LOW	23.00	22.59	22.78	22.81
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	166800	167300	167800
					834.0MHz	836.5MHz	839.0MHz
20MHz	DFT_BPSK	1@1	LOW	24.50	24.26	24.14	24.20
	DFT_QPSK	50@0	LOW	23.50	23.14	23.06	23.10
	DFT_QPSK	25@12	LOW	24.50	24.12	24.04	24.11
	DFT_QPSK	1@1	LOW	24.50	24.15	24.18	24.27
	DFT_QPSK	1@49	LOW	24.50	23.94	24.10	24.24
	DFT_QAM16	1@1	LOW	23.50	23.41	22.98	23.08
	DFT_QAM64	1@1	LOW	22.00	21.77	21.47	21.88
	DFT_QAM256	1@1	LOW	20.00	19.74	19.47	19.86
	CP_QPSK	1@1	LOW	23.50	22.94	23.27	22.67

11.1.15 Conducted Power of NR n7

NR n7					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	501000	507000	513000
					2505.0MHz	2535.0MHz	2565.0MHz
10MHz	DFT_BPSK	1@1	LOW	23.50	23.50	23.35	22.96
	DFT_QPSK	24@0	LOW	22.50	22.37	22.42	22.05
	DFT_QPSK	12@6	LOW	23.50	23.34	23.47	23.00
	DFT_QPSK	1@1	LOW	23.50	23.28	23.42	23.23
	DFT_QPSK	1@22	LOW	24.00	23.39	23.52	23.25
	DFT_QAM16	1@1	LOW	22.50	22.18	22.14	21.77
	DFT_QAM64	1@1	LOW	21.00	20.77	20.64	20.24
	DFT_QAM256	1@1	LOW	19.50	19.02	18.47	18.32
	CP_QPSK	1@1	LOW	22.50	22.05	22.28	21.12
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	23.50	23.24	23.24	23.05
	DFT_QPSK	36@0	LOW	22.50	22.36	22.45	22.02
	DFT_QPSK	18@9	LOW	23.50	23.36	23.47	22.95
	DFT_QPSK	1@1	LOW	23.50	23.22	23.27	22.90
	DFT_QPSK	1@36	LOW	24.00	23.17	23.60	22.85
	DFT_QAM16	1@1	LOW	23.00	22.21	22.84	22.14
	DFT_QAM64	1@1	LOW	21.00	20.75	20.87	20.47
	DFT_QAM256	1@1	LOW	19.00	18.78	18.71	18.22
	CP_QPSK	1@1	LOW	22.00	21.92	21.74	21.29
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	23.50	23.12	23.24	23.02
	DFT_QPSK	50@0	LOW	22.50	22.29	22.42	22.03
	DFT_QPSK	25@12	LOW	23.50	23.31	23.48	23.00
	DFT_QPSK	1@1	LOW	23.50	23.16	23.22	23.03
	DFT_QPSK	1@49	LOW	23.50	23.35	23.41	22.81
	DFT_QAM16	1@1	LOW	22.50	22.33	21.94	22.26
	DFT_QAM64	1@1	LOW	21.50	21.08	20.55	20.65
	DFT_QAM256	1@1	LOW	19.00	18.79	18.41	18.55
	CP_QPSK	1@1	LOW	22.50	22.13	21.68	21.74

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	24.50	24.10	24.07	24.04
	DFT_QPSK	25@0	LOW	23.50	23.09	23.14	23.24
	DFT_QPSK	12@6	LOW	24.50	24.14	24.15	24.22
	DFT_QPSK	1@1	LOW	24.50	24.29	24.23	24.07
	DFT_QPSK	1@23	LOW	24.50	23.92	24.32	24.12
	DFT_QAM16	1@1	LOW	23.50	22.79	23.23	23.43
	DFT_QAM64	1@1	LOW	22.00	21.39	21.60	21.25
	DFT_QAM256	1@1	LOW	20.00	19.35	19.34	19.88
	CP_QPSK	1@1	LOW	23.50	22.95	22.87	23.12
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	24.50	24.04	24.07	24.09
	DFT_QPSK	50@0	LOW	23.50	23.10	23.11	23.18
	DFT_QPSK	25@12	LOW	24.50	24.01	24.10	24.08
	DFT_QPSK	1@1	LOW	24.50	24.16	23.91	23.82
	DFT_QPSK	1@50	LOW	24.50	24.24	24.04	23.91
	DFT_QAM16	1@1	LOW	23.50	23.03	22.77	23.16
	DFT_QAM64	1@1	LOW	22.00	21.50	21.19	21.69
	DFT_QAM256	1@1	LOW	20.00	19.51	19.73	19.30
	CP_QPSK	1@1	LOW	22.50	21.74	22.44	22.33
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	24.50	23.87	24.08	24.33
	DFT_QPSK	75@0	LOW	23.50	23.12	23.09	23.13
	DFT_QPSK	36@18	LOW	24.50	24.06	24.07	24.07
	DFT_QPSK	1@1	LOW	24.50	23.90	24.07	24.29
	DFT_QPSK	1@77	LOW	24.50	24.10	24.33	24.38
	DFT_QAM16	1@1	LOW	23.50	22.82	23.06	23.38
	DFT_QAM64	1@1	LOW	22.00	21.51	21.34	21.98
	DFT_QAM256	1@1	LOW	20.50	19.33	19.38	20.03
	CP_QPSK	1@1	LOW	23.00	22.87	22.92	22.35

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	23.50	23.31	23.32	23.22
	DFT_QPSK	24@0	LOW	22.50	22.50	22.39	22.20
	DFT_QPSK	12@6	LOW	24.00	23.51	23.32	23.18
	DFT_QPSK	1@1	LOW	24.00	23.22	23.51	23.32
	DFT_QPSK	1@22	LOW	23.50	23.42	23.29	23.40
	DFT_QAM16	1@1	LOW	22.50	22.19	22.08	22.02
	DFT_QAM64	1@1	LOW	21.00	20.72	20.78	20.44
	DFT_QAM256	1@1	LOW	19.00	18.90	18.55	18.88
	CP_QPSK	1@1	LOW	22.50	21.74	22.14	21.78
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	23.50	23.23	23.33	23.17
	DFT_QPSK	36@0	LOW	23.00	22.56	22.45	22.22
	DFT_QPSK	18@9	LOW	23.50	23.44	23.34	23.14
	DFT_QPSK	1@1	LOW	23.50	23.29	23.35	23.26
	DFT_QPSK	1@36	LOW	24.00	23.51	23.09	23.17
	DFT_QAM16	1@1	LOW	23.50	22.31	23.04	22.31
	DFT_QAM64	1@1	LOW	21.50	20.91	21.15	20.44
	DFT_QAM256	1@1	LOW	19.50	19.06	18.76	18.66
	CP_QPSK	1@1	LOW	23.00	22.03	22.53	21.63
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	23.50	23.18	23.32	23.07
	DFT_QPSK	50@0	LOW	23.00	22.60	22.36	22.18
20MHz	DFT_QPSK	25@12	LOW	24.00	23.62	23.33	23.15
	DFT_QPSK	1@1	LOW	23.50	23.17	23.44	22.98
	DFT_QPSK	1@49	LOW	23.50	23.47	23.12	23.20
	DFT_QAM16	1@1	LOW	22.50	22.25	22.48	22.18
	DFT_QAM64	1@1	LOW	21.50	21.01	21.19	20.52
	DFT_QAM256	1@1	LOW	19.00	18.93	18.91	18.69
	CP_QPSK	1@1	LOW	22.50	22.16	22.04	21.60

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	23.50	23.31	23.09	22.19
	DFT QPSK	50@0	LOW	22.50	22.22	21.92	21.27
	DFT QPSK	25@12	LOW	23.50	23.19	22.85	22.18
	DFT QPSK	1@1	LOW	23.50	23.22	22.96	22.36
	DFT QPSK	1@49	LOW	23.00	22.95	22.62	22.36
	DFT QAM16	1@1	LOW	22.50	22.14	21.84	21.40
	DFT QAM64	1@1	LOW	21.00	20.56	20.47	19.94
	DFT QAM256	1@1	LOW	19.00	18.72	18.78	17.96
	CP QPSK	1@1	LOW	22.00	21.85	21.51	20.77
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	23.50	23.21	22.89	22.22
	DFT QPSK	128@0	LOW	22.50	22.28	22.00	21.56
	DFT QPSK	64@32	LOW	23.50	23.10	22.96	22.53
	DFT QPSK	1@1	LOW	23.50	23.23	22.88	22.22
	DFT QPSK	1@131	LOW	23.50	23.14	22.77	22.47
	DFT QAM16	1@1	LOW	23.00	22.62	22.06	21.30
	DFT QAM64	1@1	LOW	21.00	20.68	20.43	19.75
	DFT QAM256	1@1	LOW	19.00	18.90	18.24	17.89
	CP QPSK	1@1	LOW	22.00	21.79	21.21	20.91
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	23.50	23.22	23.02	22.80
	DFT QPSK	270@0	LOW	22.50	22.17	21.92	21.61
	DFT QPSK	135@67	LOW	23.50	23.09	22.88	22.49
	DFT QPSK	1@1	LOW	23.50	23.21	22.93	22.80
	DFT QPSK	1@271	LOW	23.00	22.79	22.14	22.24
	DFT QAM16	1@1	LOW	22.50	22.23	22.25	21.69
	DFT QAM64	1@1	LOW	21.00	20.78	20.44	20.17
	DFT QAM256	1@1	LOW	19.00	18.78	18.64	18.22
	CP QPSK	1@1	LOW	22.00	21.92	21.66	21.55

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	24.20	24.40	24.43
	DFT_QPSK	24@0	LOW	24.00	23.47	23.68	23.54
	DFT_QPSK	12@6	LOW	25.00	24.38	24.62	24.51
	DFT_QPSK	1@1	LOW	25.00	24.18	24.87	24.71
	DFT_QPSK	1@22	LOW	25.00	24.39	24.87	24.34
	DFT_QAM16	1@1	LOW	24.00	23.33	23.48	23.71
	DFT_QAM64	1@1	LOW	22.50	21.81	21.99	22.05
	DFT_QAM256	1@1	LOW	20.50	19.80	20.22	20.03
	CP_QPSK	1@1	LOW	23.50	23.07	23.31	23.01
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	25.00	24.56	24.55	24.50
	DFT_QPSK	50@0	LOW	24.00	23.56	23.73	23.71
	DFT_QPSK	25@12	LOW	25.00	24.56	24.63	24.73
	DFT_QPSK	1@1	LOW	25.00	24.57	24.71	24.55
	DFT_QPSK	1@49	LOW	25.00	24.61	24.53	24.45
	DFT_QAM16	1@1	LOW	24.50	24.02	23.71	23.95
	DFT_QAM64	1@1	LOW	23.00	21.96	22.16	22.69
	DFT_QAM256	1@1	LOW	21.00	20.14	20.04	20.56
	CP_QPSK	1@1	LOW	24.00	22.89	23.15	23.68
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	24.43	24.37	24.44
	DFT_QPSK	100@0	LOW	24.00	23.54	23.69	23.68
	DFT_QPSK	50@25	LOW	25.00	24.59	24.67	24.66
	DFT_QPSK	1@1	LOW	24.50	24.39	24.34	24.49
	DFT_QPSK	1@104	LOW	25.00	24.47	24.49	24.55
	DFT_QAM16	1@1	LOW	24.00	23.64	23.78	23.29
	DFT_QAM64	1@1	LOW	22.50	22.18	22.09	21.94
	DFT_QAM256	1@1	LOW	20.50	19.94	20.22	20.05
	CP_QPSK	1@1	LOW	23.50	23.13	23.19	23.40

11.1.20 Conducted Power of NR n71

NR n66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		133100 665.5 MHz	136100 680.5 MHz	139100 695.5 MHz
5MHz	DFT_BPSK	1@1	LOW	24.00	23.96	23.97	23.95
	DFT_QPSK	24@0	LOW	23.50	23.14	23.13	23.11
	DFT_QPSK	12@6	LOW	24.50	24.23	24.16	24.08
	DFT_QPSK	1@1	LOW	24.50	24.34	24.37	23.95
	DFT_QPSK	1@22	LOW	24.50	24.49	24.31	24.37
	DFT_QAM16	1@1	LOW	23.50	22.75	23.26	23.40
	DFT_QAM64	1@1	LOW	22.00	21.38	21.70	21.22
	DFT_QAM256	1@1	LOW	20.00	19.45	19.52	19.93
	CP_QPSK	1@1	LOW	23.50	22.43	22.92	23.26
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	134100 668 MHz	136100 680.5 MHz	138100 693 MHz
15MHz	DFT_BPSK	1@1	LOW	24.50	24.10	24.25	23.96
	DFT_QPSK	50@0	LOW	23.50	23.18	23.13	23.04
	DFT_QPSK	25@12	LOW	24.50	24.17	24.13	24.00
	DFT_QPSK	1@1	LOW	24.50	23.94	24.16	23.73
	DFT_QPSK	1@49	LOW	24.50	24.09	23.95	23.84
	DFT_QAM16	1@1	LOW	23.50	23.18	23.08	23.42
	DFT_QAM64	1@1	LOW	22.00	21.44	22.00	21.76
	DFT_QAM256	1@1	LOW	20.00	19.26	19.71	19.60
	CP_QPSK	1@1	LOW	23.00	22.16	22.86	22.68
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	134600 673 MHz	136100 680.5 MHz	137600 688 MHz
20MHz	DFT_BPSK	1@1	LOW	24.50	23.89	24.08	23.99
	DFT_QPSK	100@0	LOW	23.50	23.16	23.10	23.05
	DFT_QPSK	50@25	LOW	24.50	24.16	24.09	24.11
	DFT_QPSK	1@1	LOW	24.50	23.76	24.13	24.17
	DFT_QPSK	1@104	LOW	24.50	23.91	23.94	24.11
	DFT_QAM16	1@1	LOW	23.50	23.06	23.04	23.02
	DFT_QAM64	1@1	LOW	22.00	21.34	21.38	21.75
	DFT_QAM256	1@1	LOW	20.00	19.38	19.48	19.79
	CP_QPSK	1@1	LOW	23.50	22.54	23.10	22.61

11.1.21 Conducted Power of NR n77(3450-3550)

NR n77					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	630334	633334	636332
					3455.0MHz	3500.0MHz	3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.00	23.52	23.25	22.86
	DFT_QPSK	24@0	LOW	23.00	22.51	22.13	21.56
	DFT_QPSK	12@6	LOW	23.50	23.43	23.09	22.58
	DFT_QPSK	1@1	LOW	24.00	23.52	23.36	22.67
	DFT_QPSK	1@22	LOW	24.00	23.53	23.19	22.59
	DFT_QAM16	1@1	LOW	23.00	22.68	22.37	21.12
	DFT_QAM64	1@1	LOW	21.00	20.75	20.85	20.27
	DFT_QAM256	1@1	LOW	19.50	19.14	18.90	18.31
	CP_QPSK	1@1	LOW	22.00	21.71	21.68	21.54
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	631668	633334	635000
					3475.0MHz	3500.0MHz	3525.0MHz
50MHz	DFT_BPSK	1@1	LOW	23.50	23.26	23.18	22.92
	DFT_QPSK	128@0	LOW	22.50	22.26	22.01	21.77
	DFT_QPSK	64@32	LOW	23.50	23.34	23.06	22.79
	DFT_QPSK	1@1	LOW	23.50	23.38	23.19	22.92
	DFT_QPSK	1@131	LOW	23.00	22.99	22.63	22.49
	DFT_QAM16	1@1	LOW	22.50	22.42	22.24	21.72
	DFT_QAM64	1@1	LOW	21.50	21.15	20.61	20.43
	DFT_QAM256	1@1	LOW	19.00	18.79	18.64	18.18
	CP_QPSK	1@1	LOW	22.00	21.81	21.83	21.58
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	633334		
					3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	23.50		23.50	
	DFT_QPSK	270@0	LOW	22.50		22.08	
	DFT_QPSK	135@67	LOW	23.50		23.13	
	DFT_QPSK	1@1	LOW	23.50		23.39	
	DFT_QPSK	1@271	LOW	22.50		22.43	
	DFT_QAM16	1@1	LOW	23.00		22.52	
	DFT_QAM64	1@1	LOW	21.50		21.18	
	DFT_QAM256	1@1	LOW	19.50		19.16	
	CP_QPSK	1@1	LOW	22.00		21.72	

11.1.22 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	23.00	22.73	22.45	22.09
	DFT_QPSK	24@0	LOW	22.00	21.64	21.17	21.01
	DFT_QPSK	12@6	LOW	23.00	22.64	22.21	22.06
	DFT_QPSK	1@1	LOW	23.00	22.70	22.45	22.04
	DFT_QPSK	1@22	LOW	23.00	22.92	22.45	22.12
	DFT_QAM16	1@1	LOW	22.00	21.85	21.43	20.49
	DFT_QAM64	1@1	LOW	20.00	19.89	19.95	19.66
	DFT_QAM256	1@1	LOW	18.50	18.26	17.92	17.69
	CP_QPSK	1@1	LOW	21.50	21.19	20.74	20.30
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	22.50	22.44	22.49	21.71
	DFT_QPSK	128@0	LOW	22.00	21.59	21.19	20.91
	DFT_QPSK	64@32	LOW	23.00	22.69	22.20	21.87
	DFT_QPSK	1@1	LOW	23.00	22.56	22.45	21.63
	DFT_QPSK	1@131	LOW	23.00	22.66	21.73	21.92
	DFT_QAM16	1@1	LOW	22.00	21.67	21.54	20.51
	DFT_QAM64	1@1	LOW	20.50	20.32	19.88	19.23
	DFT_QAM256	1@1	LOW	18.00	17.91	17.99	17.09
	CP_QPSK	1@1	LOW	21.50	20.95	21.14	20.10
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	23.00	22.64	22.58	22.59
	DFT_QPSK	270@0	LOW	21.50	21.46	21.27	21.12
	DFT_QPSK	135@67	LOW	23.00	22.54	22.23	22.08
	DFT_QPSK	1@1	LOW	23.00	22.53	22.60	22.51
	DFT_QPSK	1@271	LOW	22.00	21.82	21.87	21.94
	DFT_QAM16	1@1	LOW	22.00	21.84	21.49	21.86
	DFT_QAM64	1@1	LOW	20.50	20.18	20.12	20.03
	DFT_QAM256	1@1	LOW	18.50	18.32	18.10	18.09
	CP_QPSK	1@1	LOW	21.50	20.88	20.93	21.22

11.1.23 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	22.50	22.12	22.09	21.88
	DFT_QPSK	24@0	LOW	21.00	20.95	20.91	20.78
	DFT_QPSK	12@6	LOW	22.50	22.02	21.92	21.79
	DFT_QPSK	1@1	LOW	22.50	22.09	22.05	21.66
	DFT_QPSK	1@22	LOW	22.50	22.17	22.07	21.85
	DFT_QAM16	1@1	LOW	21.50	21.19	21.01	20.17
	DFT_QAM64	1@1	LOW	20.00	19.32	19.66	19.36
	DFT_QAM256	1@1	LOW	18.00	17.68	17.55	17.42
	CP_QPSK	1@1	LOW	21.00	20.47	20.39	20.72
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	22.00	21.77	21.81	21.23
	DFT_QPSK	128@0	LOW	21.00	20.87	20.90	20.58
	DFT_QPSK	64@32	LOW	22.00	21.85	21.96	21.55
	DFT_QPSK	1@1	LOW	22.00	21.87	21.76	21.16
	DFT_QPSK	1@131	LOW	22.00	21.79	21.60	21.77
	DFT_QAM16	1@1	LOW	21.00	20.96	20.90	20.04
	DFT_QAM64	1@1	LOW	20.00	19.60	19.28	18.63
	DFT_QAM256	1@1	LOW	17.50	17.17	17.37	16.61
	CP_QPSK	1@1	LOW	21.00	20.51	20.36	19.62
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	22.00	21.90	21.78	21.47
	DFT_QPSK	270@0	LOW	21.00	20.83	20.87	20.59
	DFT_QPSK	135@67	LOW	22.00	21.92	22.00	21.48
	DFT_QPSK	1@1	LOW	22.00	21.85	21.81	21.48
	DFT_QPSK	1@271	LOW	22.00	21.80	21.33	21.76
	DFT_QAM16	1@1	LOW	21.50	21.03	20.73	20.74
	DFT_QAM64	1@1	LOW	20.00	19.53	19.37	18.98
	DFT_QAM256	1@1	LOW	18.00	17.57	17.32	17.03
	CP_QPSK	1@1	LOW	20.50	20.21	20.43	19.90

11.1.24 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	24.00	23.66	23.24	22.67
	DFT_QPSK	24@0	LOW	22.50	22.41	22.09	21.64
	DFT_QPSK	12@6	LOW	23.50	23.40	23.08	22.58
	DFT_QPSK	1@1	LOW	24.00	23.68	23.18	22.75
	DFT_QPSK	1@22	LOW	23.50	23.46	23.05	22.58
	DFT_QAM16	1@1	LOW	23.00	22.72	21.60	21.71
	DFT_QAM64	1@1	LOW	21.50	21.19	20.88	20.34
	DFT_QAM256	1@1	LOW	19.50	19.29	18.77	18.09
	CP_QPSK	1@1	LOW	22.50	22.00	22.15	21.43
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	23.50	23.29	23.19	22.99
	DFT_QPSK	128@0	LOW	22.50	22.26	21.96	21.74
	DFT_QPSK	64@32	LOW	23.50	23.34	23.00	22.76
	DFT_QPSK	1@1	LOW	23.50	23.27	23.15	22.93
	DFT_QPSK	1@131	LOW	23.00	22.90	22.65	22.52
	DFT_QAM16	1@1	LOW	22.50	22.35	21.98	22.17
	DFT_QAM64	1@1	LOW	21.00	20.70	20.64	20.71
	DFT_QAM256	1@1	LOW	19.00	18.69	18.55	18.65
	CP_QPSK	1@1	LOW	22.00	21.82	21.48	21.23
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	23.50		23.40	
	DFT_QPSK	270@0	LOW	22.50		22.01	
	DFT_QPSK	135@67	LOW	23.50		23.03	
	DFT_QPSK	1@1	LOW	23.50		23.43	
	DFT_QPSK	1@271	LOW	22.50		22.46	
	DFT_QAM16	1@1	LOW	22.50		22.30	
	DFT_QAM64	1@1	LOW	21.00		20.84	
	DFT_QAM256	1@1	LOW	19.00		18.92	
	CP_QPSK	1@1	LOW	22.00		21.82	

11.1.25 Conducted Power of NR n78(3550-3700)

NR n78				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	23.00	22.63	22.29	22.08
	DFT_QPSK	24@0	LOW	22.00	21.62	21.15	21.03
	DFT_QPSK	12@6	LOW	23.00	22.59	22.17	22.03
	DFT_QPSK	1@1	LOW	23.00	22.68	22.28	22.04
	DFT_QPSK	1@22	LOW	23.00	22.83	22.30	22.05
	DFT_QAM16	1@1	LOW	22.00	21.78	21.27	20.45
	DFT_QAM64	1@1	LOW	20.00	19.94	19.92	19.64
	DFT_QAM256	1@1	LOW	18.50	18.23	17.80	17.68
	CP_QPSK	1@1	LOW	21.50	21.14	20.79	20.62
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	22.50	22.49	22.40	21.68
	DFT_QPSK	128@0	LOW	22.00	21.60	21.16	20.90
	DFT_QPSK	64@32	LOW	23.00	22.69	22.16	21.91
	DFT_QPSK	1@1	LOW	23.00	22.55	22.34	21.62
	DFT_QPSK	1@131	LOW	23.00	22.59	21.70	21.84
	DFT_QAM16	1@1	LOW	22.00	21.61	21.49	20.49
	DFT_QAM64	1@1	LOW	20.50	20.27	19.83	19.17
	DFT_QAM256	1@1	LOW	18.00	17.87	17.96	17.08
	CP_QPSK	1@1	LOW	21.50	21.19	21.23	20.15
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000	641666	641332
					3600.0MHz	3625.0MHz	3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	23.00	-75.89	22.55	22.53
	DFT_QPSK	128@0	LOW	21.50	21.44	21.24	21.09
	DFT_QPSK	64@32	LOW	22.50	22.50	22.21	22.08
	DFT_QPSK	1@1	LOW	23.00	22.49	22.56	22.46
	DFT_QPSK	1@131	LOW	22.00	21.86	21.84	21.89
	DFT_QAM16	1@1	LOW	22.00	21.84	21.44	21.78
	DFT_QAM64	1@1	LOW	20.50	20.16	20.09	19.96
	DFT_QAM256	1@1	LOW	18.50	18.25	18.03	18.03
	CP_QPSK	1@1	LOW	21.00	20.83	20.97	20.97

11.1.26 Conducted Power of NR n78(3700-3800)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000	650000	653000
					3705.0MHz	3750.0MHz	3795.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.50	22.14	21.92	21.67
	DFT_QPSK	24@0	LOW	21.00	20.90	20.90	20.73
	DFT_QPSK	12@6	LOW	22.00	21.92	21.86	21.73
	DFT_QPSK	1@1	LOW	22.50	22.04	21.89	21.74
	DFT_QPSK	1@22	LOW	22.00	21.91	21.92	21.69
	DFT_QAM16	1@1	LOW	21.50	21.04	20.32	20.73
	DFT_QAM64	1@1	LOW	20.00	19.63	19.48	19.34
	DFT_QAM256	1@1	LOW	18.00	17.61	17.52	17.19
	CP_QPSK	1@1	LOW	21.00	20.58	20.86	20.21
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334	650000	651666
					3725.0MHz	3750.0MHz	3775.0MHz
50MHz	DFT_BPSK	1@1	LOW	22.00	21.69	21.70	21.87
	DFT_QPSK	128@0	LOW	21.00	20.88	20.95	20.81
	DFT_QPSK	64@32	LOW	22.00	21.89	21.89	21.82
	DFT_QPSK	1@1	LOW	22.00	21.69	21.68	21.82
	DFT_QPSK	1@131	LOW	22.00	21.79	21.66	21.60
	DFT_QAM16	1@1	LOW	21.00	20.80	20.51	20.94
	DFT_QAM64	1@1	LOW	19.50	19.11	19.12	19.46
	DFT_QAM256	1@1	LOW	18.00	17.25	17.06	17.54
	CP_QPSK	1@1	LOW	20.50	20.44	20.09	20.12
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000		
					3750.0MHz		
100MHz	DFT_BPSK	1@1	LOW	22.00		21.74	
	DFT_QPSK	270@0	LOW	21.00		20.79	
	DFT_QPSK	135@67	LOW	22.00		21.87	
	DFT_QPSK	1@1	LOW	22.00		21.71	
	DFT_QPSK	1@271	LOW	22.00		21.66	
	DFT_QAM16	1@1	LOW	21.00		20.64	
	DFT_QAM64	1@1	LOW	19.50		19.26	
	DFT_QAM256	1@1	LOW	17.50		17.28	
	CP_QPSK	1@1	LOW	20.50		20.19	

11.1.27 Conducted Power of Wi-Fi 2.4G

MAIN ANT1

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.37	20.58	20.27
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	23.62	23.79	23.37
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	25.10	25.10	24.82
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	24.27	24.12	24.31
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	24.88	24.81	24.53
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	24.84	24.98	24.86

AUX ANT2

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.22	20.59	20.30
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	23.62	23.61	23.35
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	25.03	24.96	24.64
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	24.07	24.15	24.78
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	24.78	24.46	24.86
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	24.97	25.06	20.22

MIMO Mode

Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	28.08	28.04	27.74
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	3(2452)	6(2437)	9(2452)
Average Power(dBm)	27.18	27.15	27.56
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	27.84	27.65	27.71
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	27.92	28.03	26.14

11.1.28 Conducted Power of Wi-Fi 5G

Ant 1						
Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	18.00 ± 1.0	17.73	No
		48	5240	17.50 ± 1.0	17.37	No
	802.11n-HT20	36	5180	18.00 ± 1.0	17.69	No
		48	5240	18.00 ± 1.0	17.54	No
	802.11n-HT40	38	5190	17.00 ± 1.0	16.66	No
		46	5230	17.00 ± 1.0	16.68	No
	802.11ac-VHT20	36	5180	19.00 ± 1.0	18.69	Yes
		48	5240	19.00 ± 1.0	18.53	No
	802.11ac-VHT40	38	5190	17.00 ± 1.0	16.64	No
		46	5230	17.00 ± 1.0	16.66	No
	802.11ac-VHT80	42	5210	16.00 ± 1.0	15.54	No
	802.11ax-HT20	36	5180	18.00 ± 1.0	17.86	No
		48	5240	17.50 ± 1.0	17.49	No
	802.11ax-HT40	38	5190	16.50 ± 1.0	16.33	No
		46	5230	17.00 ± 1.0	16.65	No
	802.11ax-HT80	42	5210	16.00 ± 1.0	15.68	No
	802.11ax-HT160	50	5250	14.50 ± 1.0	14.31	No
Ant 2						
Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	18.50	18.25	No
		48	5240	18.50	18.09	No
	802.11n-HT20	36	5180	18.00	17.94	No
		48	5240	18.00	17.85	No
	802.11n-HT40	38	5190	16.50	16.05	No
		46	5230	17.50	17.12	No
	802.11ac-VHT20	36	5180	19.50	19.15	Yes
		48	5240	18.50	18.48	No
	802.11ac-VHT40	38	5190	17.00	16.52	No
		46	5230	17.00	16.92	No
	802.11ac-VHT80	42	5210	16.50	16.10	No
	802.11ax-HT20	36	5180	18.00	17.98	No
		48	5240	17.50	17.43	No
	802.11ax-HT40	38	5190	16.50	16.41	No
		46	5230	17.00	16.91	No
	802.11ax-HT80	42	5210	16.00	15.78	No
	802.11ax-HT160	50	5250	14.50	14.24	No
MIMO						
Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11n-HT20	36	5180	21.00	20.83	No
		48	5240	21.00	20.71	No
	802.11n-HT40	38	5190	19.50	19.38	No
		46	5230	20.00	19.92	No
	802.11ac-VHT20	36	5180	22.00	21.94	Yes
		48	5240	22.00	21.52	No
	802.11ac-VHT40	38	5190	20.00	19.59	No
		46	5230	20.00	19.80	No
	802.11ac-VHT80	42	5210	19.00	18.84	No
	802.11ax-HT20	36	5180	21.00	20.93	No
		48	5240	20.50	20.47	No
	802.11ax-HT40	38	5190	19.50	19.38	No
		46	5230	20.00	19.79	No
	802.11ax-HT80	42	5210	19.00	18.74	No
	802.11ax-HT160	50	5250	17.50	17.29	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	18.00	17.72	No
		64	5320	17.00	16.52	No
	802.11n-HT20	52	5260	18.00	17.57	No
		64	5320	16.50	16.43	No
	802.11n-HT40	54	5270	16.50	16.33	No
		62	5310	15.50	15.42	No
	802.11ac-VHT20	52	5260	18.50	18.43	Yes
		64	5320	17.50	17.40	No
	802.11ac-VHT40	54	5270	16.50	16.29	No
		62	5310	15.50	15.40	No
	802.11ac-VHT80	58	5290	15.00	14.88	No
		802.11ax-HT20	52	5260	18.00	17.54
	64		5320	16.50	16.46	No
	802.11ax-HT40	54	5270	16.50	16.28	No
62		5310	15.50	15.39	No	
802.11ax-HT80	58	5290	15.50	15.23	No	
Ant 2						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	18.50	18.17	No
		64	5320	17.00	16.90	No
	802.11n-HT20	52	5260	18.00	17.83	No
		64	5320	17.00	16.59	No
	802.11n-HT40	54	5270	17.00	16.59	No
		62	5310	16.00	15.59	No
	802.11ac-VHT20	52	5260	19.00	18.80	Yes
		64	5320	17.50	17.49	No
	802.11ac-VHT40	54	5270	17.00	16.53	No
		62	5310	16.00	15.52	No
	802.11ac-VHT80	58	5290	15.50	15.07	No
		802.11ax-HT20	52	5260	18.00	17.66
	64		5320	17.00	16.55	No
	802.11ax-HT40	54	5270	16.50	16.48	No
62		5310	16.00	15.79	No	
802.11ax-HT80	58	5290	15.00	14.98	No	
MIMO						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11n-HT20	52	5260	21.00	20.71	No
		64	5320	20.00	19.52	No
	802.11n-HT40	54	5270	19.50	19.47	No
		62	5310	19.00	18.52	No
	802.11ac-VHT20	52	5260	22.00	21.63	Yes
		64	5320	20.50	20.46	No
	802.11ac-VHT40	54	5270	19.50	19.42	No
		62	5310	18.50	18.47	No
	802.11ac-VHT80	58	5290	18.00	17.99	No
		802.11ax-HT20	52	5260	21.00	20.61
	64		5320	20.00	19.52	No
	802.11ax-HT40	54	5270	19.50	19.39	No
		62	5310	19.00	18.60	No
	802.11ax-HT80	58	5290	18.50	18.12	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	17.50	17.28	No
		140	5700	18.50	18.01	No
	802.11n-HT20	100	5500	17.50	17.45	No
		140	5700	18.00	17.64	No
	802.11n-HT40	102	5510	16.50	16.02	No
		134	5670	16.50	16.50	No
	802.11ac-VHT20	100	5500	18.50	18.35	No
		140	5700	19.00	18.73	Yes
	802.11ac-VHT40	102	5510	16.00	15.94	No
		134	5670	17.00	16.71	No
	802.11ac-VHT80	106	5530	15.50	15.16	No
		122	5610	16.00	15.53	No
	802.11ax-HT20	100	5500	17.50	17.28	No
		140	5700	18.00	17.90	No
	802.11ax-HT40	102	5510	16.50	16.22	No
		134	5670	17.00	16.91	No
	802.11ax-HT80	106	5530	15.50	15.20	No
		122	5610	16.00	15.66	No
	802.11ax- HT160	114	5570	15.50	15.03	No
Ant 2						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	18.00	17.59	No
		140	5700	18.50	18.27	No
	802.11n-HT20	100	5500	17.50	17.13	No
		140	5700	18.50	18.07	No
	802.11n-HT40	102	5510	16.50	16.09	No
		134	5670	17.00	16.83	No
	802.11ac-VHT20	100	5500	18.50	18.44	No
		140	5700	19.00	18.92	Yes
	802.11ac-VHT40	102	5510	16.50	16.11	No
		134	5670	17.00	16.84	No
	802.11ac-VHT80	106	5530	15.50	15.16	No
		122	5610	16.00	15.79	No
	802.11ax-HT20	100	5500	18.00	17.57	No
		140	5700	18.00	17.88	No
	802.11ax-HT40	102	5510	16.50	16.32	No
		134	5670	17.00	16.74	No
	802.11ax-HT80	106	5530	16.00	15.58	No
		122	5610	16.00	15.97	No
	802.11ax- HT160	114	5570	15.00	14.87	No
MIMO						
Band	Mode	Channel	Frequency (MHz)	Tune-up	AveragePower(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11n-HT20	100	5500	20.50	20.30	No
		140	5700	21.00	20.87	No
	802.11n-HT40	102	5510	19.50	19.07	No
		134	5670	20.00	19.68	No
	802.11ac-VHT20	100	5500	21.50	21.41	No
		140	5700	22.00	21.84	Yes
	802.11ac-VHT40	102	5510	19.50	19.04	No
		134	5670	20.00	19.79	No
	802.11ac-VHT80	106	5530	18.50	18.17	No
		122	5610	19.00	18.67	No
	802.11ax-HT20	100	5500	20.50	20.44	No
		140	5700	21.00	20.90	No
	802.11ax-HT40	102	5510	19.50	19.28	No
		134	5670	20.00	19.84	No
	802.11ax-HT80	106	5530	18.50	18.40	No
		122	5610	19.00	18.83	No
	802.11ax- HT160	114	5570	18.00	17.96	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Powe(dBm)	SAR Test(Yes/No)
U-NII-3 (5725-5825)	802.11a	149	5745	18.00	17.53	No
		165	5825	17.50	17.47	No
	802.11n-HT20	149	5745	17.50	17.44	No
		165	5825	18.00	17.51	No
	802.11n-HT40	151	5755	16.50	16.48	No
		159	5795	16.50	16.44	No
	802.11ac-VHT20	149	5745	18.50	18.44	Yes
		165	5825	18.50	18.40	No
	802.11ac-VHT40	151	5755	17.00	16.63	No
		159	5795	17.00	16.81	No
	802.11ac-VHT80	155	5775	16.00	15.93	No
	802.11ax-HT20	149	5745	18.00	17.73	No
		165	5825	18.00	17.57	No
802.11ax-HT40	151	5755	16.50	16.50	No	
	159	5795	17.00	16.92	No	
802.11ax-HT80	155	5775	16.50	16.12	No	
Ant 2						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Powe(dBm)	SAR Test(Yes/No)
U-NII-3 (5725-5825)	802.11a	149	5745	18.50	18.01	No
		165	5825	18.00	17.91	No
	802.11n-HT20	149	5745	18.00	17.54	No
		165	5825	18.00	17.94	No
	802.11n-HT40	151	5755	17.00	16.94	No
		159	5795	17.00	16.83	No
	802.11ac-VHT20	149	5745	19.00	18.63	Yes
		165	5825	19.00	18.59	No
	802.11ac-VHT40	151	5755	17.00	16.73	No
		159	5795	17.00	16.95	No
	802.11ac-VHT80	155	5775	16.50	16.20	No
	802.11ax-HT20	149	5745	18.00	17.63	No
		165	5825	18.00	17.63	No
802.11ax-HT40	151	5755	17.00	16.74	No	
	159	5795	17.00	16.87	No	
802.11ax-HT80	155	5775	16.50	16.12	No	
MIMO						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Powe(dBm)	SAR Test(Yes/No)
U-NII-3 (5725-5825)	802.11n-HT20	149	5745	20.50	20.50	No
		165	5825	21.00	20.74	No
	802.11n-HT40	151	5755	20.00	19.73	No
		159	5795	20.00	19.65	No
	802.11ac-VHT20	149	5745	22.00	21.55	Yes
		165	5825	22.00	21.51	No
	802.11ac-VHT40	151	5755	20.00	19.69	No
		159	5795	20.00	19.89	No
	802.11ac-VHT80	155	5775	19.50	19.08	No
	802.11ax-HT20	149	5745	21.00	20.69	No
		165	5825	21.00	20.61	No
	802.11ax-HT40	151	5755	20.00	19.63	No
		159	5795	20.00	19.91	No
802.11ax-HT80	155	5775	19.50	19.13	No	

<KDB 248227 D01. SAR Guidance for Wi-Fi Transmitters>

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 $> 0.8 \text{ W/kg}$, SAR is required for the subsequent highest measured output power channel until the reported SAR result is $\leq 1.2 \text{ W/kg}$ 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 $\leq 1.2 \text{ W/kg}$.

11.1.29 Conducted Power of BT

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
	GFSK	8.50	7.29	8.39	6.99
	$\pi/4$ QPSK	8.00	6.64	7.74	6.52
	8DPSK	8.50	6.92	8.16	6.75
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
	1Mbps	0.50	-0.60	0.28	-0.91
	2Mbps	0.50	-1.00	0.20	-0.60

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.

11.1.30 Conducted Power of Satellite

Mode	Channel	Frequency (MHz)	Tune-up	Powe(dBm)	SAR Test(Yes/No)
$\pi/4$ -DOPSK	1	1626.5	28.50	28.06	Yes
	544	1643.5	28.50	28.15	Yes
	1087	1660.5	28.00	27.94	Yes

11.1.31 Tune-up power tolerance

Band	Tune-up power tolerance(dBm)	
GSM850	GSM/GPRS (GMSK)	GSM Max output power =34.50 ±1.0dBm
		1TXslots Max output power =34.50 ±1.0dBm
		2TXslots Max output power =34.00 ±1.0dBm
		3TXslots Max output power =31.50 ±1.0dBm
	EGPRS (8-PSK)	4TXslots Max output power =30.50 ±1.0dBm
		1TXslots Max output power =29.50 ±1.0dBm
		2TXslots Max output power =28.00 ±1.0dBm
		3TXslots Max output power =26.00 ±1.0dBm
GSM1900	GSM/GPRS (GMSK)	4TXslots Max output power =25.00 ±1.0dBm
		GSM Max output power =31.50 ±1.0dBm
		1TXslots Max output power =31.50 ±1.0dBm
		2TXslots Max output power =30.50 ±1.0dBm
	EGPRS (8-PSK)	3TXslots Max output power =28.00 ±1.0dBm
		4TXslots Max output power =27.00 ±1.0dBm
		1TXslots Max output power =27.50 ±1.0dBm
		2TXslots Max output power =26.00 ±1.0dBm
WCDMA 2		3TXslots Max output power =24.00 ±1.0dBm
WCDMA 4		4TXslots Max output power =22.50 ±1.0dBm
WCDMA 5		Max output power =25.50 ±1.0dBm
LTE B2		Max output power =25.50 ±1.0dBm
LTE B4		Max output power =22.50 ±1.0dBm
LTE B5		Max output power =24.50 ±1.0dBm
LTE B7		Max output power =22.00 ±1.0dBm
LTE B12		Max output power =23.00 ±1.0dBm
LTE B17		Max output power =23.00 ±1.0dBm
LTE B38		Max output power =22.00 ±1.0dBm
LTE B41		Max output power =23.00 ±1.0dBm
LTE B42		Max output power =21.00 ±1.0dBm
LTE B42		Max output power =20.50 ±1.0dBm
LTE B66		Max output power =22.50 ±1.0dBm
NR n5		Max output power =25.00 ±1.0dBm
NR n7		Max output power =24.00 ±1.0dBm
NR n12		Max output power =24.50 ±1.0dBm
NR n38		Max output power =24.00 ±1.0dBm
NR n41		Max output power =23.50 ±1.0dBm
NR n66		Max output power =25.00 ±1.0dBm
NR n71		Max output power =24.50 ±1.0dBm
NR n77		Max output power =24.00 ±1.0dBm
NR n77		Max output power =23.00 ±1.0dBm
NR n77		Max output power =22.50 ±1.0dBm
NR n78		Max output power =24.00 ±1.0dBm
NR n78		Max output power =23.00 ±1.0dBm
NR n78		Max output power =22.50 ±1.0dBm

Band	Tune-up power tolerance(dBm)			
WIFI	2.4G	MAIN ANT1	802.11b	Max output power =21.00 ±1.0dBm
			802.11g	Max output power =24.00 ±1.0dBm
			802.11n (HT20)	Max output power =25.50 ±1.0dBm
			802.11n (HT40)	Max output power =24.50 ±1.0dBm
			802.11ax (HT20)	Max output power =25.00 ±1.0dBm
			802.11ax (HT40)	Max output power =25.00 ±1.0dBm
		AUX ANT2	802.11b	Max output power =21.00 ±1.0dBm
			802.11g	Max output power =24.00 ±1.0dBm
			802.11n (HT20)	Max output power =25.50 ±1.0dBm
			802.11n (HT40)	Max output power =25.00 ±1.0dBm
			802.11ax (HT20)	Max output power =25.00 ±1.0dBm
			802.11ax (HT40)	Max output power =25.50 ±1.0dBm
	MIMO Mode	802.11n (HT20)	Max output power =28.50 ±1.0dBm	
		802.11n (HT40)	Max output power =28.00 ±1.0dBm	
		802.11ax (HT20)	Max output power =28.00 ±1.0dBm	
		802.11ax (HT40)	Max output power =28.50 ±1.0dBm	
	U-NII-1(5150-5250)	ANT1	802.11ac-VHT20	Max output power =19.00 ±1.0dBm
		ANT2	802.11ac-VHT20	Max output power =19.50 ±1.0dBm
		MIMO	802.11ac-VHT20	Max output power =22.00 ±1.0dBm
	U-NII-2a(5250-5350)	ANT1	802.11ac-VHT20	Max output power =18.50 ±1.0dBm
		ANT2	802.11ac-VHT20	Max output power =19.00 ±1.0dBm
		MIMO	802.11ac-VHT20	Max output power =22.00 ±1.0dBm
	U-NII-2c(5470-5725)	ANT1	802.11ac-VHT20	Max output power =19.00 ±1.0dBm
		ANT2	802.11ac-VHT20	Max output power =19.00 ±1.0dBm
		MIMO	802.11ac-VHT20	Max output power =22.00 ±1.0dBm
U-NII-3(5725-5825)	ANT1	802.11ac-VHT20	Max output power =18.50 ±1.0dBm	
	ANT2	802.11ac-VHT20	Max output power =19.00 ±1.0dBm	
	MIMO	802.11ac-VHT20	Max output power =22.00 ±1.0dBm	
BT	GFSK mode			Max output power =8.50 ±1.0dBm
	Pi/4DQPSK mode			Max output power =8.00 ±1.0dBm
	8DPSK mode			Max output power =8.50 ±1.0dBm
BLE	1Mbps Power			Max output power =0.50 ±1.0dBm
	2Mbps Power			Max output power =0.50 ±1.0dBm
Satellite	1			Max output power =28.50 ±1.0dBm
	544			Max output power =28.50 ±1.0dBm
	1087			Max output power =28.00 ±1.0dBm

11.2 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.

11.3 Test Result

11.3.1 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	251	848.8	0.190	0.173	100	1.00	34.44	34.50	1.014	0.175
	Left Tilt	251	848.8	0.190	0.249	100	1.00	34.44	34.50	1.014	0.252
	Right Cheek	251	848.8	0.120	0.166	100	1.00	34.44	34.50	1.014	0.168
	Right Tilt	251	848.8	0.190	0.178	100	1.00	34.44	34.50	1.014	0.180
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	251	848.8	0.060	0.513	100	1.00	34.44	34.50	1.014	0.520
	Back	251	848.8	-0.140	0.610	100	1.00	34.44	34.50	1.014	0.618
	Left	251	848.8	-0.020	0.248	100	1.00	34.44	34.50	1.014	0.251
	Right	251	848.8	0.060	0.926	100	1.00	34.44	34.50	1.014	0.939
	Top	251	848.8	0.130	0.018	100	1.00	34.44	34.50	1.014	0.018
	Bottom	251	848.8	-0.010	0.400	100	1.00	34.44	34.50	1.014	0.406
	Right	251	848.8	0.030	0.879	100	1.00	34.44	34.50	1.014	0.891

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
GPRS 850	Right	251	0.926	0.879	1.05

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	-0.190	0.007	100	1.00	31.08	31.50	1.102	0.008
	Left Tilt	810	1909.8	0.140	0.006	100	1.00	31.08	31.50	1.102	0.007
	Right Cheek	810	1909.8	-0.190	0.007	100	1.00	31.08	31.50	1.102	0.008
	Right Tilt	810	1909.8	-0.190	0.006	100	1.00	31.08	31.50	1.102	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)
GPRS 1900+4slots	Front	810	1909.8	-0.120	0.366	100	1.00	31.08	31.50	1.102	0.403
	Back	810	1909.8	-0.010	0.431	100	1.00	31.08	31.50	1.102	0.475
	Left	810	1909.8	0.030	0.324	100	1.00	31.08	31.50	1.102	0.357
	Right	810	1909.8	0.100	0.117	100	1.00	31.08	31.50	1.102	0.129
	Top	810	1909.8	0.070	0.002	100	1.00	31.08	31.50	1.102	0.002
	Bottom	810	1909.8	0.060	0.603	100	1.00	31.08	31.50	1.102	0.664

11.3.2 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	9400	1880	0.190	0.069	100	1.00	25.06	25.50	1.107	0.076
	Left Tilt	9400	1880	-0.130	0.044	100	1.00	25.06	25.50	1.107	0.049
	Right Cheek	9400	1880	-0.190	0.081	100	1.00	25.06	25.50	1.107	0.090
	Right Tilt	9400	1880	0.030	0.045	100	1.00	25.06	25.50	1.107	0.050
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	9400	1880	0.140	0.543	100	1.00	25.06	25.50	1.107	0.601
	Back	9400	1880	-0.030	0.596	100	1.00	25.06	25.50	1.107	0.660
	Left	9400	1880	0.070	0.463	100	1.00	25.06	25.50	1.107	0.512
	Right	9400	1880	-0.020	0.190	100	1.00	25.06	25.50	1.107	0.210
	Top	9400	1880	0.010	0.004	100	1.00	25.06	25.50	1.107	0.004
	Bottom	9400	1880	0.080	0.918	100	1.00	25.06	25.50	1.107	1.016
	Bottom	9400	1880	0.150	0.887	100	1.00	25.06	25.50	1.107	0.982

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
WCDMA Band 2	Bottom	9400	0.918	0.887	1.03

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	1413	1732.6	-0.190	0.086	100	1.00	25.01	25.50	1.119	0.096
	Left Tilt	1413	1732.6	0.170	0.025	100	1.00	25.01	25.50	1.119	0.028
	Right Cheek	1413	1732.6	-0.190	0.076	100	1.00	25.01	25.50	1.119	0.085
	Right Tilt	1413	1732.6	0.190	0.023	100	1.00	25.01	25.50	1.119	0.026
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	1413	1732.6	-0.170	0.550	100	1.00	25.01	25.50	1.119	0.616
	Back	1413	1732.6	0.070	0.586	100	1.00	25.01	25.50	1.119	0.656
	Left	1413	1732.6	0.130	0.454	100	1.00	25.01	25.50	1.119	0.508
	Right	1413	1732.6	-0.130	0.192	100	1.00	25.01	25.50	1.119	0.215
	Top	1413	1732.6	0.170	0.004	100	1.00	25.01	25.50	1.119	0.004
	Bottom	1413	1732.6	-0.010	0.914	100	1.00	25.01	25.50	1.119	1.023
	Bottom	1413	1732.6	0.180	0.876	100	1.00	25.01	25.50	1.119	0.981

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
WCDMA Band 4	Bottom	1413	0.914	0.876	1.04

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	-0.190	0.122	100	1.00	25.03	25.50	1.114	0.136
	Left Tilt	4132	826.4	0.060	0.152	100	1.00	25.03	25.50	1.114	0.169
	Right Cheek	4132	826.4	0.140	0.073	100	1.00	25.03	25.50	1.114	0.081
	Right Tilt	4132	826.4	0.190	0.102	100	1.00	25.03	25.50	1.114	0.114
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	0.050	0.263	100	1.00	25.03	25.50	1.114	0.293
	Back	4132	826.4	-0.020	0.285	100	1.00	25.03	25.50	1.114	0.318
	Left	4132	826.4	-0.170	0.081	100	1.00	25.03	25.50	1.114	0.090
	Right	4132	826.4	0.030	0.161	100	1.00	25.03	25.50	1.114	0.179
	Top	4132	826.4	-0.060	0.018	100	1.00	25.03	25.50	1.114	0.020
	Bottom	4132	826.4	-0.040	0.178	100	1.00	25.03	25.50	1.114	0.198

11.3.3 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	-0.130	0.057	100	1.00	22.23	22.50	1.064	0.061
		Left Tilt	19125	1902.5	0.170	0.013	100	1.00	22.23	22.50	1.064	0.014
		Right Cheek	19125	1902.5	-0.190	0.061	100	1.00	22.23	22.50	1.064	0.065
		Right Tilt	19125	1902.5	0.190	0.019	100	1.00	22.23	22.50	1.064	0.020
	50%RB	Left Cheek	19125	1902.5	0.080	0.045	100	1.00	22.23	22.50	1.064	0.048
		Left Tilt	19125	1902.5	-0.190	0.011	100	1.00	22.23	22.50	1.064	0.012
		Right Cheek	19125	1902.5	-0.050	0.048	100	1.00	22.23	22.50	1.064	0.051
		Right Tilt	19125	1902.5	0.130	0.015	100	1.00	22.23	22.50	1.064	0.016
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	0.160	0.381	100	1.00	22.23	22.50	1.064	0.405
		Back	19125	1902.5	0.140	0.393	100	1.00	22.23	22.50	1.064	0.418
		Left	19125	1902.5	0.080	0.312	100	1.00	22.23	22.50	1.064	0.332
		Right	19125	1902.5	0.190	0.128	100	1.00	22.23	22.50	1.064	0.136
		Top	19125	1902.5	0.170	0.003	100	1.00	22.23	22.50	1.064	0.003
		Bottom	19125	1902.5	0.110	0.616	100	1.00	22.23	22.50	1.064	0.656
	50%RB	Front	19125	1902.5	-0.060	0.324	100	1.00	22.23	22.50	1.064	0.345
		Back	19125	1902.5	0.060	0.333	100	1.00	22.23	22.50	1.064	0.354
		Left	19125	1902.5	0.180	0.257	100	1.00	22.23	22.50	1.064	0.273
		Right	19125	1902.5	-0.110	0.102	100	1.00	22.23	22.50	1.064	0.109
		Top	19125	1902.5	-0.040	0.002	100	1.00	22.23	22.50	1.064	0.002
		Bottom	19125	1902.5	-0.100	0.496	100	1.00	22.23	22.50	1.064	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)
Band 4 (BW: 20MHz)	1RB	Left Cheek	20350	1750.0	-0.190	0.062	100	1.00	22.44	22.50	1.014	0.063
		Left Tilt	20350	1750.0	0.190	0.051	100	1.00	22.44	22.50	1.014	0.052
		Right Cheek	20350	1750.0	-0.190	0.092	100	1.00	22.44	22.50	1.014	0.093
		Right Tilt	20350	1750.0	0.180	0.073	100	1.00	22.44	22.50	1.014	0.074
	50%RB	Left Cheek	20350	1750.0	0.120	0.052	100	1.00	22.44	22.50	1.014	0.053
		Left Tilt	20350	1750.0	0.010	0.041	100	1.00	22.44	22.50	1.014	0.042
		Right Cheek	20350	1750.0	0.150	0.077	100	1.00	22.44	22.50	1.014	0.078
		Right Tilt	20350	1750.0	-0.050	0.062	100	1.00	22.44	22.50	1.014	0.063
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	20350	1750.0	0.030	0.502	100	1.00	22.44	22.50	1.014	0.509
		Back	20350	1750.0	0.080	0.539	100	1.00	22.44	22.50	1.014	0.546
		Left	20350	1750.0	0.020	0.404	100	1.00	22.44	22.50	1.014	0.410
		Right	20350	1750.0	0.130	0.172	100	1.00	22.44	22.50	1.014	0.174
		Top	20350	1750.0	-0.050	0.004	100	1.00	22.44	22.50	1.014	0.004
		Bottom	20350	1750.0	0.120	0.810	100	1.00	22.44	22.50	1.014	0.821
		Bottom	20350	1750.0	0.050	0.613	100	1.00	22.44	22.50	1.014	0.622
	50%RB	Front	20350	1750.0	0.030	0.410	100	1.00	22.44	22.50	1.014	0.416
		Back	20350	1750.0	-0.120	0.435	100	1.00	22.44	22.50	1.014	0.441
		Left	20350	1750.0	0.190	0.317	100	1.00	22.44	22.50	1.014	0.321
		Right	20350	1750.0	0.120	0.135	100	1.00	22.44	22.50	1.014	0.137
		Top	20350	1750.0	-0.010	0.003	100	1.00	22.44	22.50	1.014	0.003
		Bottom	20350	1750.0	0.040	0.644	100	1.00	22.44	22.50	1.014	0.653

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
Band 4	Bottom	20350	0.644	0.613	1.05

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	0.190	0.124	100	1.00	24.17	24.50	1.079	0.134
		Left Tilt	20525	836.5	0.190	0.125	100	1.00	24.17	24.50	1.079	0.135
		Right Cheek	20525	836.5	0.190	0.126	100	1.00	24.17	24.50	1.079	0.136
		Right Tilt	20525	836.5	0.190	0.094	100	1.00	24.17	24.50	1.079	0.101
		Right Cheek	20525	836.5	-0.070	0.117	100	1.00	24.17	24.50	1.079	0.126
	50%RB	Left Cheek	20525	836.5	-0.010	0.119	100	1.00	24.17	24.50	1.079	0.128
		Left Tilt	20525	836.5	0.140	0.121	100	1.00	24.17	24.50	1.079	0.131
		Right Cheek	20525	836.5	0.090	0.088	100	1.00	24.17	24.50	1.079	0.095
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	-0.120	0.287	100	1.00	24.17	24.50	1.079	0.310
		Back	20525	836.5	-0.010	0.337	100	1.00	24.17	24.50	1.079	0.364
		Left	20525	836.5	0.070	0.120	100	1.00	24.17	24.50	1.079	0.129
		Right	20525	836.5	-0.050	0.179	100	1.00	24.17	24.50	1.079	0.193
		Top	20525	836.5	0.120	0.028	100	1.00	24.17	24.50	1.079	0.030
		Bottom	20525	836.5	0.030	0.236	100	1.00	24.17	24.50	1.079	0.255
	50%RB	Left	20525	836.5	0.010	0.268	100	1.00	24.17	24.50	1.079	0.289
		Front	20525	836.5	0.040	0.305	100	1.00	24.17	24.50	1.079	0.329
		Back	20525	836.5	-0.010	0.112	100	1.00	24.17	24.50	1.079	0.121
		Left	20525	836.5	0.170	0.158	100	1.00	24.17	24.50	1.079	0.170
		Right	20525	836.5	-0.110	0.026	100	1.00	24.17	24.50	1.079	0.028
		Bottom	20525	836.5	0.080	0.220	100	1.00	24.17	24.50	1.079	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)
Band 7 (BW: 20MHz)	1RB	Left Cheek	21400	2565.0	-0.190	0.073	100	1.00	21.88	22.00	1.028	0.075
		Left Tilt	21400	2565.0	0.120	0.033	100	1.00	21.88	22.00	1.028	0.034
		Right Cheek	21400	2565.0	0.190	0.052	100	1.00	21.88	22.00	1.028	0.053
		Right Tilt	21400	2565.0	0.110	0.027	100	1.00	21.88	22.00	1.028	0.028
	50%RB	Left Cheek	21400	2565.0	0.170	0.071	100	1.00	21.88	22.00	1.028	0.073
		Left Tilt	21400	2565.0	-0.090	0.030	100	1.00	21.88	22.00	1.028	0.031
		Right Cheek	21400	2565.0	0.010	0.049	100	1.00	21.88	22.00	1.028	0.050
		Right Tilt	21400	2565.0	0.170	0.024	100	1.00	21.88	22.00	1.028	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)
Band 7 (BW: 20MHz)	1RB	Front	21400	2565.0	0.070	0.390	100	1.00	21.88	22.00	1.028	0.401
		Back	21400	2565.0	-0.050	0.421	100	1.00	21.88	22.00	1.028	0.433
		Left	21400	2565.0	0.130	0.262	100	1.00	21.88	22.00	1.028	0.269
		Right	21400	2565.0	0.060	0.138	100	1.00	21.88	22.00	1.028	0.142
		Top	21400	2565.0	0.010	0.002	100	1.00	21.88	22.00	1.028	0.002
		Bottom	21400	2565.0	0.190	0.615	100	1.00	21.88	22.00	1.028	0.632
	50%RB	Front	21400	2565.0	-0.030	0.362	100	1.00	21.88	22.00	1.028	0.372
		Back	21400	2565.0	0.080	0.378	100	1.00	21.88	22.00	1.028	0.389
		Left	21400	2565.0	0.110	0.246	100	1.00	21.88	22.00	1.028	0.253
		Right	21400	2565.0	-0.020	0.133	100	1.00	21.88	22.00	1.028	0.137
		Top	21400	2565.0	-0.050	0.002	100	1.00	21.88	22.00	1.028	0.002
		Bottom	21400	2565.0	0.120	0.560	100	1.00	21.88	22.00	1.028	0.576

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	-0.030	0.050	100	1.00	22.93	23.00	1.016	0.051
		Left Tilt	23130	711.0	-0.190	0.072	100	1.00	22.93	23.00	1.016	0.073
		Right Cheek	23130	711.0	0.120	0.048	100	1.00	22.93	23.00	1.016	0.049
		Right Tilt	23130	711.0	-0.190	0.065	100	1.00	22.93	23.00	1.016	0.066
	50%RB	Left Cheek	23130	711.0	0.120	0.046	100	1.00	22.93	23.00	1.016	0.047
		Left Tilt	23130	711.0	0.080	0.069	100	1.00	22.93	23.00	1.016	0.070
		Right Cheek	23130	711.0	-0.010	0.046	100	1.00	22.93	23.00	1.016	0.047
		Right Tilt	23130	711.0	0.170	0.062	100	1.00	22.93	23.00	1.016	0.063
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	0.100	0.108	100	1.00	22.93	23.00	1.016	0.110
		Back	23130	711.0	-0.190	0.119	100	1.00	22.93	23.00	1.016	0.121
		Left	23130	711.0	-0.080	0.016	100	1.00	22.93	23.00	1.016	0.016
		Right	23130	711.0	0.170	0.034	100	1.00	22.93	23.00	1.016	0.035
		Top	23130	711.0	0.050	0.002	100	1.00	22.93	23.00	1.016	0.002
		Bottom	23130	711.0	-0.020	0.059	100	1.00	22.93	23.00	1.016	0.060
	50%RB	Front	23130	711.0	-0.020	0.097	100	1.00	22.93	23.00	1.016	0.099
		Back	23130	711.0	0.110	0.101	100	1.00	22.93	23.00	1.016	0.103
		Left	23130	711.0	0.090	0.014	100	1.00	22.93	23.00	1.016	0.014
		Right	23130	711.0	-0.040	0.030	100	1.00	22.93	23.00	1.016	0.030
		Top	23130	711.0	0.150	0.002	100	1.00	22.93	23.00	1.016	0.002
		Bottom	23130	711.0	0.010	0.055	100	1.00	22.93	23.00	1.016	0.056

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	23755	706.5	0.170	0.059	100	1.00	22.93	23.00	1.016	0.060
		Left Tilt	23755	706.5	0.040	0.040	100	1.00	22.93	23.00	1.016	0.041
		Right Cheek	23755	706.5	0.190	0.065	100	1.00	22.93	23.00	1.016	0.066
		Right Tilt	23755	706.5	-0.150	0.061	100	1.00	22.93	23.00	1.016	0.062
	50%RB	Left Cheek	23755	706.5	-0.110	0.056	100	1.00	22.93	23.00	1.016	0.057
		Left Tilt	23755	706.5	-0.020	0.037	100	1.00	22.93	23.00	1.016	0.038
		Right Cheek	23755	706.5	0.070	0.061	100	1.00	22.93	23.00	1.016	0.062
		Right Tilt	23755	706.5	0.010	0.058	100	1.00	22.93	23.00	1.016	0.059
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	23755	706.5	-0.170	0.126	100	1.00	22.93	23.00	1.016	0.128
		Back	23755	706.5	-0.060	0.146	100	1.00	22.93	23.00	1.016	0.148
		Left	23755	706.5	0.110	0.053	100	1.00	22.93	23.00	1.016	0.054
		Right	23755	706.5	-0.180	0.077	100	1.00	22.93	23.00	1.016	0.078
		Top	23755	706.5	-0.010	0.013	100	1.00	22.93	23.00	1.016	0.013
		Bottom	23755	706.5	-0.130	0.106	100	1.00	22.93	23.00	1.016	0.108
	50%RB	Front	23755	706.5	-0.060	0.110	100	1.00	22.93	23.00	1.016	0.112
		Back	23755	706.5	-0.010	0.118	100	1.00	22.93	23.00	1.016	0.120
		Left	23755	706.5	0.110	0.045	100	1.00	22.93	23.00	1.016	0.046
		Right	23755	706.5	-0.050	0.062	100	1.00	22.93	23.00	1.016	0.063
		Top	23755	706.5	0.050	0.011	100	1.00	22.93	23.00	1.016	0.011
		Bottom	23755	706.5	0.010	0.087	100	1.00	22.93	23.00	1.016	0.088

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	37825	2577.5	0.190	0.036	100	1.00	21.66	22.00	1.081	0.039
		Left Tilt	37825	2577.5	-0.180	0.020	100	1.00	21.66	22.00	1.081	0.022
		Right Cheek	37825	2577.5	0.190	0.023	100	1.00	21.66	22.00	1.081	0.025
		Right Tilt	37825	2577.5	0.180	0.018	100	1.00	21.66	22.00	1.081	0.019
	50%RB	Left Cheek	37825	2577.5	0.060	0.031	100	1.00	21.66	22.00	1.081	0.034
		Left Tilt	37825	2577.5	-0.010	0.018	100	1.00	21.66	22.00	1.081	0.019
		Right Cheek	37825	2577.5	-0.090	0.019	100	1.00	21.66	22.00	1.081	0.021
	1RB	Right Tilt	37825	2577.5	-0.090	0.016	100	1.00	21.66	22.00	1.081	0.017
	50%RB	Front	37825	2577.5	0.020	0.229	100	1.00	21.66	22.00	1.081	0.248
		Back	37825	2577.5	0.130	0.249	100	1.00	21.66	22.00	1.081	0.269
		Left	37825	2577.5	0.160	0.155	100	1.00	21.66	22.00	1.081	0.168
		Right	37825	2577.5	0.060	0.083	100	1.00	21.66	22.00	1.081	0.090
		Top	37825	2577.5	-0.030	0.002	100	1.00	21.66	22.00	1.081	0.002
		Bottom	37825	2577.5	0.070	0.352	100	1.00	21.66	22.00	1.081	0.381
	50%RB	Front	37825	2577.5	0.010	0.195	100	1.00	21.66	22.00	1.081	0.211
		Back	37825	2577.5	-0.150	0.207	100	1.00	21.66	22.00	1.081	0.224
		Left	37825	2577.5	0.040	0.129	100	1.00	21.66	22.00	1.081	0.140
		Right	37825	2577.5	-0.190	0.072	100	1.00	21.66	22.00	1.081	0.078
		Top	37825	2577.5	0.110	0.002	100	1.00	21.66	22.00	1.081	0.002
		Bottom	37825	2577.5	0.040	0.290	100	1.00	21.66	22.00	1.081	0.314

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	-0.190	0.056	100	1.00	22.61	23.00	1.094	0.061
		Left Tilt	40620	2593.0	0.170	0.018	100	1.00	22.61	23.00	1.094	0.020
		Right Cheek	40620	2593.0	-0.190	0.030	100	1.00	22.61	23.00	1.094	0.033
		Right Tilt	40620	2593.0	0.190	0.011	100	1.00	22.61	23.00	1.094	0.012
		Left Cheek	39750	2506.0	0.160	0.029	100	1.00	22.61	23.00	1.094	0.032
		Left Cheek	40185	2549.5	-0.170	0.041	100	1.00	22.61	23.00	1.094	0.045
		Left Cheek	41055	2636.5	0.090	0.051	100	1.00	22.61	23.00	1.094	0.056
	1RB	Left Cheek	41490	2680.0	-0.170	0.049	100	1.00	22.61	23.00	1.094	0.054
		Front	40620	2593.0	0.110	0.297	100	1.00	22.61	23.00	1.094	0.325
		Back	40620	2593.0	0.140	0.326	100	1.00	22.61	23.00	1.094	0.357
		Left	40620	2593.0	0.170	0.200	100	1.00	22.61	23.00	1.094	0.219
		Right	40620	2593.0	-0.120	0.107	100	1.00	22.61	23.00	1.094	0.117
		Top	40620	2593.0	-0.150	0.002	100	1.00	22.61	23.00	1.094	0.002
		Bottom	40620	2593.0	-0.030	0.465	100	1.00	22.61	23.00	1.094	0.509
	1RB	Back	39750	2506.0	0.190	0.233	100	1.00	22.61	23.00	1.094	0.255
		Back	40185	2549.5	0.120	0.342	100	1.00	22.61	23.00	1.094	0.374
		Back	41055	2636.5	0.040	0.562	100	1.00	22.61	23.00	1.094	0.615
		Back	41490	2680.0	0.050	0.483	100	1.00	22.61	23.00	1.094	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)
Band 41 (BW: 20MHz)	50%RB	Left Cheek	40620	2593.0	0.050	0.053	100	1.00	22.61	23.00	1.094	0.058
		Left Tilt	40620	2593.0	-0.120	0.016	100	1.00	22.61	23.00	1.094	0.018
		Right Cheek	40620	2593.0	0.070	0.027	100	1.00	22.61	23.00	1.094	0.030
		Right Tilt	40620	2593.0	0.020	0.010	100	1.00	22.61	23.00	1.094	0.011
		Left Cheek	39750	2506.0	-0.020	0.026	100	1.00	22.61	23.00	1.094	0.028
		Left Cheek	40185	2549.5	0.150	0.038	100	1.00	22.61	23.00	1.094	0.042
		Left Cheek	41055	2636.5	-0.010	0.048	100	1.00	22.61	23.00	1.094	0.053
		Left Cheek	41490	2680.0	-0.110	0.047	100	1.00	22.61	23.00	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 41 (BW: 20MHz)	50%RB	Front	40620	2593.0	-0.140	0.268	100	1.00	22.61	23.00	1.094	0.293
		Back	40620	2593.0	-0.050	0.302	100	1.00	22.61	23.00	1.094	0.330
		Left	40620	2593.0	0.120	0.177	100	1.00	22.61	23.00	1.094	0.194
		Right	40620	2593.0	0.080	0.094	100	1.00	22.61	23.00	1.094	0.103
		Top	40620	2593.0	0.030	0.002	100	1.00	22.61	23.00	1.094	0.002
		Bottom	40620	2593.0	-0.170	0.430	100	1.00	22.61	23.00	1.094	0.470
		Back	39750	2506.0	-0.090	0.213	100	1.00	22.61	23.00	1.094	0.233
		Back	40185	2549.5	0.140	0.310	100	1.00	22.61	23.00	1.094	0.339
		Back	41055	2636.5	-0.080	0.518	100	1.00	22.61	23.00	1.094	0.567
		Back	41490	2680.0	-0.160	0.449	100	1.00	22.61	23.00	1.094	0.491

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	-0.060	0.095	100	1.00	20.52	21.00	1.117	0.106
		Left Tilt	42590	3500.0	0.110	0.292	100	1.00	20.52	21.00	1.117	0.326
		Right Cheek	42590	3500.0	-0.150	0.192	100	1.00	20.52	21.00	1.117	0.214
		Right Tilt	42590	3500.0	0.120	0.550	100	1.00	20.52	21.00	1.117	0.614
	50%RB	Left Cheek	42590	3500.0	-0.110	0.088	100	1.00	20.52	21.00	1.117	0.098
		Left Tilt	42590	3500.0	-0.050	0.244	100	1.00	20.52	21.00	1.117	0.273
		Right Cheek	42590	3500.0	0.120	0.154	100	1.00	20.52	21.00	1.117	0.172
		Right Tilt	42590	3500.0	0.030	0.502	100	1.00	20.52	21.00	1.117	0.561
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	0.080	0.029	100	1.00	20.52	21.00	1.117	0.032
		Back	42590	3500.0	-0.140	0.033	100	1.00	20.52	21.00	1.117	0.037
		Left	42590	3500.0	-0.150	0.007	100	1.00	20.52	21.00	1.117	0.008
		Right	42590	3500.0	0.090	0.020	100	1.00	20.52	21.00	1.117	0.022
		Top	42590	3500.0	-0.060	0.060	100	1.00	20.52	21.00	1.117	0.067
		Bottom	42590	3500.0	-0.110	0.004	100	1.00	20.52	21.00	1.117	0.004
	50%RB	Front	42590	3500.0	0.150	0.024	100	1.00	20.52	21.00	1.117	0.027
		Back	42590	3500.0	0.050	0.027	100	1.00	20.52	21.00	1.117	0.030
		Left	42590	3500.0	-0.010	0.003	100	1.00	20.52	21.00	1.117	0.003
		Right	42590	3500.0	-0.020	0.017	100	1.00	20.52	21.00	1.117	0.019
		Top	42590	3500.0	0.120	0.056	100	1.00	20.52	21.00	1.117	0.063
		Bottom	42590	3500.0	0.070	0.002	100	1.00	20.52	21.00	1.117	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 42 (BW: 20MHz)	1RB	Left Cheek	43140	3555.0	-0.070	0.119	100	1.00	20.44	20.50	1.014	0.121
		Left Tilt	43140	3555.0	-0.180	0.365	100	1.00	20.44	20.50	1.014	0.370
		Right Cheek	43140	3555.0	-0.170	0.240	100	1.00	20.44	20.50	1.014	0.243
		Right Tilt	43140	3555.0	0.110	0.688	100	1.00	20.44	20.50	1.014	0.698
	50%RB	Left Cheek	43140	3555.0	-0.180	0.099	100	1.00	20.44	20.50	1.014	0.100
		Left Tilt	43140	3555.0	-0.070	0.304	100	1.00	20.44	20.50	1.014	0.308
		Right Cheek	43140	3555.0	0.110	0.220	100	1.00	20.44	20.50	1.014	0.223
		Right Tilt	43140	3555.0	0.060	0.573	100	1.00	20.44	20.50	1.014	0.581
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	43140	3555.0	0.060	0.043	100	1.00	20.44	20.50	1.014	0.044
		Back	43140	3555.0	-0.100	0.049	100	1.00	20.44	20.50	1.014	0.050
		Left	43140	3555.0	0.050	0.011	100	1.00	20.44	20.50	1.014	0.011
		Right	43140	3555.0	-0.060	0.033	100	1.00	20.44	20.50	1.014	0.033
		Top	43140	3555.0	0.160	0.094	100	1.00	20.44	20.50	1.014	0.095
		Bottom	43140	3555.0	-0.110	0.007	100	1.00	20.44	20.50	1.014	0.007
	50%RB	Front	43140	3555.0	0.190	0.035	100	1.00	20.44	20.50	1.014	0.035
		Back	43140	3555.0	-0.060	0.040	100	1.00	20.44	20.50	1.014	0.041
		Left	43140	3555.0	-0.090	0.009	100	1.00	20.44	20.50	1.014	0.009
		Right	43140	3555.0	-0.120	0.027	100	1.00	20.44	20.50	1.014	0.027
		Top	43140	3555.0	0.180	0.078	100	1.00	20.44	20.50	1.014	0.079
		Bottom	43140	3555.0	-0.011	0.005	100	1.00	20.44	20.50	1.014	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 66 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	0.190	0.055	100	1.00	22.04	22.50	1.112	0.061
		Left Tilt	132322	1745.0	0.190	0.036	100	1.00	22.04	22.50	1.112	0.040
		Right Cheek	132322	1745.0	0.120	0.042	100	1.00	22.04	22.50	1.112	0.047
		Right Tilt	132322	1745.0	-0.070	0.021	100	1.00	22.04	22.50	1.112	0.023
	50%RB	Left Cheek	132322	1745.0	-0.110	0.053	100	1.00	22.04	22.50	1.112	0.059
		Left Tilt	132322	1745.0	0.040	0.034	100	1.00	22.04	22.50	1.112	0.038
		Right Cheek	132322	1745.0	-0.010	0.040	100	1.00	22.04	22.50	1.112	0.044
		Right Tilt	132322	1745.0	0.030	0.018	100	1.00	22.04	22.50	1.112	0.020
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	-0.120	0.525	100	1.00	22.04	22.50	1.112	0.584
		Back	132322	1745.0	0.030	0.583	100	1.00	22.04	22.50	1.112	0.648
		Left	132322	1745.0	-0.080	0.406	100	1.00	22.04	22.50	1.112	0.451
		Right	132322	1745.0	0.170	0.181	100	1.00	22.04	22.50	1.112	0.201
		Top	132322	1745.0	0.110	0.003	100	1.00	22.04	22.50	1.112	0.003
		Bottom	132322	1745.0	0.070	0.883	100	1.00	22.04	22.50	1.112	0.982
		Bottom	132322	1745.0	0.120	0.867	100	1.00	22.04	22.50	1.112	0.964
	50%RB	Front	132322	1745.0	0.030	0.510	100	1.00	22.04	22.50	1.112	0.567
		Back	132322	1745.0	-0.060	0.561	100	1.00	22.04	22.50	1.112	0.624
		Left	132322	1745.0	-0.120	0.379	100	1.00	22.04	22.50	1.112	0.421
		Right	132322	1745.0	-0.010	0.165	100	1.00	22.04	22.50	1.112	0.183
		Top	132322	1745.0	0.150	0.003	100	1.00	22.04	22.50	1.112	0.003
		Bottom	132322	1745.0	0.090	0.845	100	1.00	22.04	22.50	1.112	0.939

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
LTE Band 66	Bottom	132322	0.883	0.867	1.02

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

11.3.4 Results overview of NR

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	165300	829.0	0.190	0.133	100	1.00	24.74	25.00	1.062	0.141
		Left Tilt	165300	829.0	0.190	0.171	100	1.00	24.74	25.00	1.062	0.182
		Right Cheek	165300	829.0	0.080	0.127	100	1.00	24.74	25.00	1.062	0.135
		Right Tilt	165300	829.0	-0.190	0.171	100	1.00	24.74	25.00	1.062	0.182
	50%RB	Left Cheek	165300	829.0	-0.190	0.108	100	1.00	24.74	25.00	1.062	0.115
		Left Tilt	165300	829.0	0.180	0.139	100	1.00	24.74	25.00	1.062	0.148
		Right Cheek	165300	829.0	-0.160	0.106	100	1.00	24.74	25.00	1.062	0.113
		Right Tilt	165300	829.0	0.060	0.138	100	1.00	24.74	25.00	1.062	0.147
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	165300	829.0	0.020	0.242	100	1.00	24.74	25.00	1.062	0.257
		Back	165300	829.0	0.050	0.274	100	1.00	24.74	25.00	1.062	0.291
		Left	165300	829.0	-0.160	0.097	100	1.00	24.74	25.00	1.062	0.103
		Right	165300	829.0	-0.130	0.150	100	1.00	24.74	25.00	1.062	0.159
		Top	165300	829.0	0.160	0.024	100	1.00	24.74	25.00	1.062	0.025
		Bottom	165300	829.0	0.180	0.204	100	1.00	24.74	25.00	1.062	0.217
	50%RB	Front	165300	829.0	0.090	0.207	100	1.00	24.74	25.00	1.062	0.220
		Back	165300	829.0	0.050	0.228	100	1.00	24.74	25.00	1.062	0.242
		Left	165300	829.0	0.100	0.084	100	1.00	24.74	25.00	1.062	0.089
		167300	165300	829.0	-0.040	0.121	100	1.00	24.74	25.00	1.062	0.128
		167300	165300	829.0	0.090	0.019	100	1.00	24.74	25.00	1.062	0.020
		167300	165300	829.0	-0.090	0.178	100	1.00	24.74	25.00	1.062	0.189

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	507000	2535.0	-0.170	0.092	100	1.00	23.60	24.00	1.096	0.101
		Left Tilt	507000	2535.0	0.160	0.031	100	1.00	23.60	24.00	1.096	0.034
		Right Cheek	507000	2535.0	0.190	0.069	100	1.00	23.60	24.00	1.096	0.076
		Right Tilt	507000	2535.0	-0.190	0.029	100	1.00	23.60	24.00	1.096	0.032
	50%RB	Left Cheek	507000	2535.0	-0.100	0.080	100	1.00	23.60	24.00	1.096	0.088
		Left Tilt	507000	2535.0	-0.110	0.026	100	1.00	23.60	24.00	1.096	0.029
		Right Cheek	507000	2535.0	0.140	0.056	100	1.00	23.60	24.00	1.096	0.061
		Right Tilt	507000	2535.0	-0.150	0.024	100	1.00	23.60	24.00	1.096	0.026
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	507000	2535.0	-0.040	0.442	100	1.00	23.60	24.00	1.096	0.485
		Back	507000	2535.0	-0.130	0.499	100	1.00	23.60	24.00	1.096	0.547
		Left	507000	2535.0	0.170	0.309	100	1.00	23.60	24.00	1.096	0.339
		Right	507000	2535.0	0.120	0.158	100	1.00	23.60	24.00	1.096	0.173
		Top	507000	2535.0	-0.100	0.002	100	1.00	23.60	24.00	1.096	0.002
		Bottom	507000	2535.0	-0.090	0.713	100	1.00	23.60	24.00	1.096	0.782
	50%RB	Front	507000	2535.0	-0.180	0.384	100	1.00	23.60	24.00	1.096	0.421
		Back	507000	2535.0	0.010	0.404	100	1.00	23.60	24.00	1.096	0.443
		Left	507000	2535.0	-0.180	0.254	100	1.00	23.60	24.00	1.096	0.279
		Right	507000	2535.0	-0.080	0.138	100	1.00	23.60	24.00	1.096	0.151
		Top	507000	2535.0	-0.040	0.002	100	1.00	23.60	24.00	1.096	0.002
		Bottom	507000	2535.0	0.010	0.619	100	1.00	23.60	24.00	1.096	0.679

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	141700	708.8	-0.140	0.066	100	1.00	24.38	24.50	1.028	0.068
		Left Tilt	141700	708.8	-0.050	0.120	100	1.00	24.38	24.50	1.028	0.123
		Right Cheek	141700	708.8	0.170	0.043	100	1.00	24.38	24.50	1.028	0.044
		Right Tilt	141700	708.8	-0.190	0.080	100	1.00	24.38	24.50	1.028	0.082
		Left Cheek	141700	708.8	-0.030	0.054	100	1.00	24.38	24.50	1.028	0.056
	50%RB	Left Cheek	141700	708.8	0.070	0.100	100	1.00	24.38	24.50	1.028	0.103
		Left Tilt	141700	708.8	-0.130	0.035	100	1.00	24.38	24.50	1.028	0.036
		Right Cheek	141700	708.8	0.060	0.068	100	1.00	24.38	24.50	1.028	0.070
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	141700	708.8	0.010	0.133	100	1.00	24.38	24.50	1.028	0.137
		Back	141700	708.8	-0.160	0.150	100	1.00	24.38	24.50	1.028	0.154
		Left	141700	708.8	0.100	0.020	100	1.00	24.38	24.50	1.028	0.021
		Right	141700	708.8	0.010	0.044	100	1.00	24.38	24.50	1.028	0.045
		Top	141700	708.8	-0.080	0.003	100	1.00	24.38	24.50	1.028	0.003
		Bottom	141700	708.8	-0.010	0.075	100	1.00	24.38	24.50	1.028	0.077
	50%RB	Front	141700	708.8	0.030	0.110	100	1.00	24.38	24.50	1.028	0.113
		Back	141700	708.8	0.130	0.124	100	1.00	24.38	24.50	1.028	0.127
		Left	141700	708.8	0.150	0.017	100	1.00	24.38	24.50	1.028	0.017
		Right	141700	708.8	-0.070	0.038	100	1.00	24.38	24.50	1.028	0.039
		Top	141700	708.8	-0.020	0.003	100	1.00	24.38	24.50	1.028	0.003
		Bottom	141700	708.8	0.080	0.061	100	1.00	24.38	24.50	1.028	0.063

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	522500	2580.0	0.190	0.019	100	1.00	23.62	24.00	1.091	0.021
		Left Tilt	522500	2580.0	0.180	0.003	100	1.00	23.62	24.00	1.091	0.003
		Right Cheek	522500	2580.0	-0.190	0.010	100	1.00	23.62	24.00	1.091	0.011
		Right Tilt	522500	2580.0	0.190	0.002	100	1.00	23.62	24.00	1.091	0.002
	50%RB	Left Cheek	522500	2580.0	-0.190	0.016	100	1.00	23.62	24.00	1.091	0.017
		Left Tilt	522500	2580.0	0.180	0.002	100	1.00	23.62	24.00	1.091	0.002
		Right Cheek	522500	2580.0	0.190	0.008	100	1.00	23.62	24.00	1.091	0.009
		Right Tilt	522500	2580.0	-0.180	0.002	100	1.00	23.62	24.00	1.091	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 n38 (BW: 20MHz)	1RB	Front	522500	2580.0	-0.090	0.158	100	1.00	23.62	24.00	1.091	0.172
		Back	522500	2580.0	-0.050	0.177	100	1.00	23.62	24.00	1.091	0.193
		Left	522500	2580.0	0.070	0.106	100	1.00	23.62	24.00	1.091	0.116
		Right	522500	2580.0	-0.060	0.059	100	1.00	23.62	24.00	1.091	0.064
		Top	522500	2580.0	0.170	0.001	100	1.00	23.62	24.00	1.091	0.001
		Bottom	522500	2580.0	0.040	0.245	100	1.00	23.62	24.00	1.091	0.267
	50%RB	Front	522500	2580.0	-0.100	0.137	100	1.00	23.62	24.00	1.091	0.150
		Back	522500	2580.0	-0.120	0.154	100	1.00	23.62	24.00	1.091	0.168
		Left	522500	2580.0	-0.030	0.090	100	1.00	23.62	24.00	1.091	0.098
		Right	522500	2580.0	0.140	0.049	100	1.00	23.62	24.00	1.091	0.053
		Top	522500	2580.0	0.090	0.001	100	1.00	23.62	24.00	1.091	0.001
		Bottom	522500	2580.0	-0.170	0.197	100	1.00	23.62	24.00	1.091	0.215

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	501204	2506.0	0.190	0.014	100	1.00	23.31	23.50	1.045	0.015
		Left Tilt	501204	2506.0	0.190	0.013	100	1.00	23.31	23.50	1.045	0.014
		Right Cheek	501204	2506.0	-0.190	0.013	100	1.00	23.31	23.50	1.045	0.014
		Right Tilt	501204	2506.0	0.180	0.012	100	1.00	23.31	23.50	1.045	0.013
	50%RB	Left Cheek	501204	2506.0	0.190	0.012	100	1.00	23.31	23.50	1.045	0.013
		Left Tilt	501204	2506.0	0.190	0.011	100	1.00	23.31	23.50	1.045	0.011
		Right Cheek	501204	2506.0	-0.190	0.011	100	1.00	23.31	23.50	1.045	0.011
		Right Tilt	501204	2506.0	0.180	0.010	100	1.00	23.31	23.50	1.045	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)
NR n41 (BW:100MHz)	1RB	Front	501204	2506.0	0.160	0.144	100	1.00	23.31	23.50	1.045	0.150
		Back	501204	2506.0	-0.120	0.149	100	1.00	23.31	23.50	1.045	0.156
		Left	501204	2506.0	0.070	0.097	100	1.00	23.31	23.50	1.045	0.101
		Right	501204	2506.0	-0.100	0.051	100	1.00	23.31	23.50	1.045	0.053
		Top	501204	2506.0	0.150	0.001	100	1.00	23.31	23.50	1.045	0.001
		Bottom	501204	2506.0	0.090	0.217	100	1.00	23.31	23.50	1.045	0.227
	50%RB	Front	501204	2506.0	0.050	0.143	100	1.00	23.31	23.50	1.045	0.149
		Back	501204	2506.0	-0.180	0.146	100	1.00	23.31	23.50	1.045	0.153
		Left	501204	2506.0	0.180	0.100	100	1.00	23.31	23.50	1.045	0.104
		Right	501204	2506.0	-0.160	0.050	100	1.00	23.31	23.50	1.045	0.052
		Top	501204	2506.0	-0.130	0.001	100	1.00	23.31	23.50	1.045	0.001
		Bottom	501204	2506.0	0.190	0.217	100	1.00	23.31	23.50	1.045	0.227

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	0.081	100	1.00	24.87	25.00	1.030	0.083
		Left Tilt	349000	1745.0	0.080	0.024	100	1.00	24.87	25.00	1.030	0.025
		Right Cheek	349000	1745.0	0.190	0.090	100	1.00	24.87	25.00	1.030	0.093
		Right Tilt	349000	1745.0	-0.190	0.036	100	1.00	24.87	25.00	1.030	0.037
	50%RB	Left Cheek	349000	1745.0	0.100	0.065	100	1.00	24.87	25.00	1.030	0.067
		Left Tilt	349000	1745.0	0.120	0.021	100	1.00	24.87	25.00	1.030	0.022
		Right Cheek	349000	1745.0	0.180	0.077	100	1.00	24.87	25.00	1.030	0.079
		Right Tilt	349000	1745.0	-0.190	0.031	100	1.00	24.87	25.00	1.030	0.032
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	0.030	0.177	100	1.00	24.87	25.00	1.030	0.182
		Back	349000	1745.0	0.110	0.183	100	1.00	24.87	25.00	1.030	0.189
		Left	349000	1745.0	0.080	0.122	100	1.00	24.87	25.00	1.030	0.126
		Right	349000	1745.0	-0.170	0.035	100	1.00	24.87	25.00	1.030	0.036
		Top	349000	1745.0	0.130	0.009	100	1.00	24.87	25.00	1.030	0.009
		Bottom	349000	1745.0	0.030	0.460	100	1.00	24.87	25.00	1.030	0.474
	50%RB	Front	349000	1745.0	0.080	0.144	100	1.00	24.87	25.00	1.030	0.148
		Back	349000	1745.0	-0.040	0.153	100	1.00	24.87	25.00	1.030	0.158
		Left	349000	1745.0	0.160	0.106	100	1.00	24.87	25.00	1.030	0.109
		Right	349000	1745.0	0.010	0.029	100	1.00	24.87	25.00	1.030	0.030
		Top	349000	1745.0	0.190	0.007	100	1.00	24.87	25.00	1.030	0.007
		Bottom	349000	1745.0	-0.050	0.335	100	1.00	24.87	25.00	1.030	0.345

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 n71 (BW:40MHz)	1RB	Left Cheek	133100	665.5	-0.190	0.080	100	1.00	24.49	24.50	1.002	0.080
		Left Tilt	133100	665.5	-0.190	0.144	100	1.00	24.49	24.50	1.002	0.144
		Right Cheek	133100	665.5	0.190	0.062	100	1.00	24.49	24.50	1.002	0.062
		Right Tilt	133100	665.5	-0.190	0.111	100	1.00	24.49	24.50	1.002	0.111
	50%RB	Left Cheek	133100	665.5	0.170	0.077	100	1.00	24.49	24.50	1.002	0.077
		Left Tilt	133100	665.5	0.010	0.131	100	1.00	24.49	24.50	1.002	0.131
		Right Cheek	133100	665.5	0.060	0.060	100	1.00	24.49	24.50	1.002	0.060
		Right Tilt	133100	665.5	-0.030	0.097	100	1.00	24.49	24.50	1.002	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)
NR n71 (BW:40MHz)	1RB	Front	133100	665.5	-0.150	0.177	100	1.00	24.49	24.50	1.002	0.177
		Back	133100	665.5	0.010	0.199	100	1.00	24.49	24.50	1.002	0.199
		Left	133100	665.5	0.080	0.030	100	1.00	24.49	24.50	1.002	0.030
		Right	133100	665.5	-0.110	0.064	100	1.00	24.49	24.50	1.002	0.064
		Top	133100	665.5	0.090	0.002	100	1.00	24.49	24.50	1.002	0.002
		Bottom	133100	665.5	0.020	0.112	100	1.00	24.49	24.50	1.002	0.112
	50%RB	Front	133100	665.5	0.120	0.152	100	1.00	24.49	24.50	1.002	0.152
		Back	133100	665.5	-0.070	0.173	100	1.00	24.49	24.50	1.002	0.173
		Left	133100	665.5	-0.030	0.027	100	1.00	24.49	24.50	1.002	0.027
		Right	133100	665.5	-0.060	0.060	100	1.00	24.49	24.50	1.002	0.060
		Top	133100	665.5	0.120	0.002	100	1.00	24.49	24.50	1.002	0.002
		Bottom	133100	665.5	0.160	0.096	100	1.00	24.49	24.50	1.002	0.096

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	630334	3455.0	0.180	0.077	100	1.00	23.53	24.00	1.114	0.086
		Left Tilt	630334	3455.0	-0.020	0.189	100	1.00	23.53	24.00	1.114	0.211
		Right Cheek	630334	3455.0	-0.170	0.119	100	1.00	23.53	24.00	1.114	0.133
		Right Tilt	630334	3455.0	-0.120	0.383	100	1.00	23.53	24.00	1.114	0.427
	50%RB	Left Cheek	630334	3455.0	0.030	0.061	100	1.00	23.53	24.00	1.114	0.068
		Left Tilt	630334	3455.0	-0.210	0.151	100	1.00	23.53	24.00	1.114	0.168
		Right Cheek	630334	3455.0	-0.190	0.095	100	1.00	23.53	24.00	1.114	0.106
		Right Tilt	630334	3455.0	0.090	0.306	100	1.00	23.53	24.00	1.114	0.341
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	630334	3455.0	0.110	0.018	100	1.00	23.53	24.00	1.114	0.020
		Back	630334	3455.0	-0.040	0.020	100	1.00	23.53	24.00	1.114	0.022
		Left	630334	3455.0	0.080	0.006	100	1.00	23.53	24.00	1.114	0.007
		Right	630334	3455.0	-0.110	0.012	100	1.00	23.53	24.00	1.114	0.013
		Top	630334	3455.0	-0.110	0.038	100	1.00	23.53	24.00	1.114	0.042
		Bottom	630334	3455.0	0.070	0.003	100	1.00	23.53	24.00	1.114	0.003
	50%RB	Front	630334	3455.0	-0.150	0.014	100	1.00	23.53	24.00	1.114	0.016
		Back	630334	3455.0	-0.110	0.016	100	1.00	23.53	24.00	1.114	0.018
		Left	630334	3455.0	0.120	0.005	100	1.00	23.53	24.00	1.114	0.006
		Right	630334	3455.0	0.170	0.010	100	1.00	23.53	24.00	1.114	0.011
		Top	630334	3455.0	-0.020	0.030	100	1.00	23.53	24.00	1.114	0.033
		Bottom	630334	3455.0	0.020	0.002	100	1.00	23.53	24.00	1.114	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	637000	3560.0	0.110	0.086	100	1.00	22.92	23.00	1.019	0.088
		Left Tilt	637000	3560.0	-0.110	0.172	100	1.00	22.92	23.00	1.019	0.175
		Right Cheek	637000	3560.0	0.030	0.158	100	1.00	22.92	23.00	1.019	0.161
		Right Tilt	637000	3560.0	0.190	0.350	100	1.00	22.92	23.00	1.019	0.357
	50%RB	Left Cheek	637000	3560.0	0.050	0.082	100	1.00	22.92	23.00	1.019	0.084
		Left Tilt	637000	3560.0	-0.190	0.144	100	1.00	22.92	23.00	1.019	0.147
		Right Cheek	637000	3560.0	0.070	0.125	100	1.00	22.92	23.00	1.019	0.127
		Right Tilt	637000	3560.0	-0.060	0.291	100	1.00	22.92	23.00	1.019	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)
NR n77 (BW:50MHz)	1RB	Front	637000	3560.0	0.090	0.022	100	1.00	22.92	23.00	1.019	0.022
		Back	637000	3560.0	-0.110	0.026	100	1.00	22.92	23.00	1.019	0.026
		Left	637000	3560.0	0.090	0.007	100	1.00	22.92	23.00	1.019	0.007
		Right	637000	3560.0	0.050	0.016	100	1.00	22.92	23.00	1.019	0.016
		Top	637000	3560.0	-0.160	0.049	100	1.00	22.92	23.00	1.019	0.050
		Bottom	637000	3560.0	-0.080	0.003	100	1.00	22.92	23.00	1.019	0.003
	50%RB	Front	637000	3560.0	0.150	0.018	100	1.00	22.92	23.00	1.019	0.018
		Back	637000	3560.0	0.170	0.021	100	1.00	22.92	23.00	1.019	0.021
		Left	637000	3560.0	-0.010	0.006	100	1.00	22.92	23.00	1.019	0.006
		Right	637000	3560.0	-0.090	0.013	100	1.00	22.92	23.00	1.019	0.013
		Top	637000	3560.0	0.190	0.039	100	1.00	22.92	23.00	1.019	0.040
		Bottom	637000	3560.0	-0.180	0.002	100	1.00	22.92	23.00	1.019	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	647000	3705.0	0.190	0.045	100	1.00	22.17	22.50	1.079	0.049
		Left Tilt	647000	3705.0	-0.060	0.129	100	1.00	22.17	22.50	1.079	0.139
		Right Cheek	647000	3705.0	-0.150	0.066	100	1.00	22.17	22.50	1.079	0.071
		Right Tilt	647000	3705.0	-0.080	0.273	100	1.00	22.17	22.50	1.079	0.295
		Right Tilt	647000	3705.0	0.120	0.033	100	1.00	22.17	22.50	1.079	0.036
	50%RB	Left Cheek	647000	3705.0	-0.150	0.101	100	1.00	22.17	22.50	1.079	0.109
		Left Tilt	647000	3705.0	0.060	0.055	100	1.00	22.17	22.50	1.079	0.059
		Right Cheek	647000	3705.0	0.110	0.223	100	1.00	22.17	22.50	1.079	0.241
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	647000	3705.0	-0.090	0.026	100	1.00	22.17	22.50	1.079	0.028
		Back	647000	3705.0	-0.180	0.028	100	1.00	22.17	22.50	1.079	0.030
		Left	647000	3705.0	0.070	0.007	100	1.00	22.17	22.50	1.079	0.008
		Right	647000	3705.0	0.110	0.016	100	1.00	22.17	22.50	1.079	0.017
		Top	647000	3705.0	0.190	0.053	100	1.00	22.17	22.50	1.079	0.057
		Bottom	647000	3705.0	-0.020	0.002	100	1.00	22.17	22.50	1.079	0.002
	50%RB	Front	647000	3705.0	-0.070	0.021	100	1.00	22.17	22.50	1.079	0.023
		Back	647000	3705.0	0.120	0.022	100	1.00	22.17	22.50	1.079	0.024
		Left	647000	3705.0	-0.030	0.006	100	1.00	22.17	22.50	1.079	0.006
		Right	647000	3705.0	0.120	0.013	100	1.00	22.17	22.50	1.079	0.014
		Top	647000	3705.0	0.011	0.042	100	1.00	22.17	22.50	1.079	0.045
		Bottom	647000	3705.0	0.190	0.002	100	1.00	22.17	22.50	1.079	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	630334	3455.0	-0.170	0.073	100	1.00	23.68	24.00	1.076	0.079
		Left Tilt	630334	3455.0	0.060	0.167	100	1.00	23.68	24.00	1.076	0.180
		Right Cheek	630334	3455.0	0.110	0.127	100	1.00	23.68	24.00	1.076	0.137
		Right Tilt	630334	3455.0	0.080	0.356	100	1.00	23.68	24.00	1.076	0.383
	50%RB	Left Cheek	630334	3455.0	-0.110	0.058	100	1.00	23.68	24.00	1.076	0.062
		Left Tilt	630334	3455.0	0.030	0.134	100	1.00	23.68	24.00	1.076	0.144
		Right Cheek	630334	3455.0	0.020	0.102	100	1.00	23.68	24.00	1.076	0.110
		Right Tilt	630334	3455.0	-0.190	0.285	100	1.00	23.68	24.00	1.076	0.307
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	630334	3455.0	-0.110	0.020	100	1.00	23.68	24.00	1.076	0.022
		Back	630334	3455.0	-0.170	0.022	100	1.00	23.68	24.00	1.076	0.024
		Left	630334	3455.0	0.090	0.006	100	1.00	23.68	24.00	1.076	0.006
		Right	630334	3455.0	0.120	0.013	100	1.00	23.68	24.00	1.076	0.014
		Top	630334	3455.0	-0.190	0.042	100	1.00	23.68	24.00	1.076	0.045
		Bottom	630334	3455.0	0.100	0.003	100	1.00	23.68	24.00	1.076	0.003
	50%RB	Front	630334	3455.0	-0.130	0.016	100	1.00	23.68	24.00	1.076	0.017
		Back	630334	3455.0	0.130	0.018	100	1.00	23.68	24.00	1.076	0.019
		Left	630334	3455.0	0.090	0.005	100	1.00	23.68	24.00	1.076	0.005
		Right	630334	3455.0	0.110	0.010	100	1.00	23.68	24.00	1.076	0.011
		Top	630334	3455.0	-0.080	0.034	100	1.00	23.68	24.00	1.076	0.037
		Bottom	630334	3455.0	0.140	0.002	100	1.00	23.68	24.00	1.076	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	637000	3560.0	0.030	0.077	100	1.00	22.83	23.00	1.040	0.080
		Left Tilt	637000	3560.0	0.190	0.217	100	1.00	22.83	23.00	1.040	0.226
		Right Cheek	637000	3560.0	-0.130	0.128	100	1.00	22.83	23.00	1.040	0.133
		Right Tilt	637000	3560.0	0.110	0.363	100	1.00	22.83	23.00	1.040	0.377
	50%RB	Left Cheek	637000	3560.0	0.090	0.062	100	1.00	22.83	23.00	1.040	0.064
		Left Tilt	637000	3560.0	0.190	0.174	100	1.00	22.83	23.00	1.040	0.181
		Right Cheek	637000	3560.0	-0.050	0.102	100	1.00	22.83	23.00	1.040	0.106
		Right Tilt	637000	3560.0	-0.110	0.290	100	1.00	22.83	23.00	1.040	0.302
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	637000	3560.0	-0.120	0.015	100	1.00	22.83	23.00	1.040	0.016
		Back	637000	3560.0	-0.080	0.017	100	1.00	22.83	23.00	1.040	0.018
		Left	637000	3560.0	0.110	0.006	100	1.00	22.83	23.00	1.040	0.006
		Right	637000	3560.0	0.020	0.013	100	1.00	22.83	23.00	1.040	0.014
		Top	637000	3560.0	0.070	0.045	100	1.00	22.83	23.00	1.040	0.047
		Bottom	637000	3560.0	-0.010	0.002	100	1.00	22.83	23.00	1.040	0.002
	50%RB	Front	637000	3560.0	0.110	0.012	100	1.00	22.83	23.00	1.040	0.012
		Back	637000	3560.0	0.190	0.014	100	1.00	22.83	23.00	1.040	0.015
		Left	637000	3560.0	-0.090	0.005	100	1.00	22.83	23.00	1.040	0.005
		Right	637000	3560.0	-0.170	0.010	100	1.00	22.83	23.00	1.040	0.010
		Top	637000	3560.0	-0.110	0.036	100	1.00	22.83	23.00	1.040	0.037
		Bottom	637000	3560.0	0.030	0.002	100	1.00	22.83	23.00	1.040	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	647000	3705.0	0.120	0.046	100	1.00	22.14	22.50	1.086	0.050
		Left Tilt	647000	3705.0	0.050	0.076	100	1.00	22.14	22.50	1.086	0.083
		Right Cheek	647000	3705.0	-0.110	0.132	100	1.00	22.14	22.50	1.086	0.143
		Right Tilt	647000	3705.0	0.190	0.322	100	1.00	22.14	22.50	1.086	0.350
	50%RB	Left Cheek	647000	3705.0	-0.180	0.037	100	1.00	22.14	22.50	1.086	0.040
		Left Tilt	647000	3705.0	-0.150	0.061	100	1.00	22.14	22.50	1.086	0.066
		Right Cheek	647000	3705.0	-0.080	0.106	100	1.00	22.14	22.50	1.086	0.115
		Right Tilt	647000	3705.0	-0.110	0.258	100	1.00	22.14	22.50	1.086	0.280
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	647000	3705.0	-0.100	0.016	100	1.00	22.14	22.50	1.086	0.017
		Back	647000	3705.0	0.070	0.018	100	1.00	22.14	22.50	1.086	0.020
		Left	647000	3705.0	0.160	0.007	100	1.00	22.14	22.50	1.086	0.008
		Right	647000	3705.0	-0.090	0.015	100	1.00	22.14	22.50	1.086	0.016
		Top	647000	3705.0	-0.160	0.049	100	1.00	22.14	22.50	1.086	0.053
		Bottom	647000	3705.0	-0.130	0.003	100	1.00	22.14	22.50	1.086	0.003
	50%RB	Front	647000	3705.0	-0.170	0.013	100	1.00	22.14	22.50	1.086	0.014
		Back	647000	3705.0	0.180	0.016	100	1.00	22.14	22.50	1.086	0.017
		Left	647000	3705.0	0.120	0.006	100	1.00	22.14	22.50	1.086	0.007
		Right	647000	3705.0	-0.010	0.012	100	1.00	22.14	22.50	1.086	0.013
		Top	647000	3705.0	0.080	0.039	100	1.00	22.14	22.50	1.086	0.042
		Bottom	647000	3705.0	-0.010	0.002	100	1.00	22.14	22.50	1.086	0.002

11.3.5 Results overview of NSA

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	18625	1852.5	3.120	0.144	100	1.00	21.30	21.50	1.047	0.151
		Left Tilt	18625	1852.5	0.150	0.059	100	1.00	21.30	21.50	1.047	0.062
		Right Cheek	18625	1852.5	0.380	0.120	100	1.00	21.30	21.50	1.047	0.126
		Right Tilt	18625	1852.5	3.390	0.271	100	1.00	21.30	21.50	1.047	0.284
	50%RB	Left Cheek	18625	1852.5	2.740	0.126	100	1.00	21.30	21.50	1.047	0.132
		Left Tilt	18625	1852.5	0.120	0.052	100	1.00	21.30	21.50	1.047	0.054
		Right Cheek	18625	1852.5	0.340	0.105	100	1.00	21.30	21.50	1.047	0.110
		Right Tilt	18625	1852.5	2.980	0.238	100	1.00	21.30	21.50	1.047	0.249
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	18625	1852.5	0.120	0.061	100	1.00	21.30	21.50	1.047	0.064
		Back	18625	1852.5	-4.620	0.079	100	1.00	21.30	21.50	1.047	0.083
		Left	18625	1852.5	0.220	0.040	100	1.00	21.30	21.50	1.047	0.042
		Right	18625	1852.5	0.150	0.028	100	1.00	21.30	21.50	1.047	0.029
		Top	18625	1852.5	1.200	0.036	100	1.00	21.30	21.50	1.047	0.038
		Bottom	18625	1852.5	2.400	0.014	100	1.00	21.30	21.50	1.047	0.015
	50%RB	Front	18625	1852.5	0.140	0.057	100	1.00	21.30	21.50	1.047	0.060
		Back	18625	1852.5	-4.010	0.068	100	1.00	21.30	21.50	1.047	0.071
		Left	18625	1852.5	0.140	0.034	100	1.00	21.30	21.50	1.047	0.036
		Right	18625	1852.5	0.130	0.024	100	1.00	21.30	21.50	1.047	0.025
		Top	18625	1852.5	1.000	0.031	100	1.00	21.30	21.50	1.047	0.032
		Bottom	18625	1852.5	2.080	0.012	100	1.00	21.30	21.50	1.047	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)
2-n66 (BW: 20MHz)	1RB	Left Cheek	19175	1907.5	1.540	0.112	100	1.00	21.38	21.50	1.028	0.115
		Left Tilt	19175	1907.5	-4.200	0.167	100	1.00	21.38	21.50	1.028	0.172
		Right Cheek	19175	1907.5	-4.120	0.129	100	1.00	21.38	21.50	1.028	0.133
		Right Tilt	19175	1907.5	1.310	0.359	100	1.00	21.38	21.50	1.028	0.369
	50%RB	Left Cheek	19175	1907.5	0.960	0.078	100	1.00	21.38	21.50	1.028	0.080
		Left Tilt	19175	1907.5	-2.600	0.106	100	1.00	21.38	21.50	1.028	0.109
		Right Cheek	19175	1907.5	-2.630	0.082	100	1.00	21.38	21.50	1.028	0.084
		Right Tilt	19175	1907.5	0.840	0.229	100	1.00	21.38	21.50	1.028	0.235
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	19175	1907.5	1.250	0.045	100	1.00	21.38	21.50	1.028	0.046
		Back	19175	1907.5	1.440	0.066	100	1.00	21.38	21.50	1.028	0.068
		Left	19175	1907.5	2.400	0.034	100	1.00	21.38	21.50	1.028	0.035
		Right	19175	1907.5	-0.150	0.020	100	1.00	21.38	21.50	1.028	0.021
		Top	19175	1907.5	0.240	0.027	100	1.00	21.38	21.50	1.028	0.028
		Bottom	19175	1907.5	0.080	0.011	100	1.00	21.38	21.50	1.028	0.011
	50%RB	Front	19175	1907.5	1.020	0.036	100	1.00	21.38	21.50	1.028	0.037
		Back	19175	1907.5	1.180	0.054	100	1.00	21.38	21.50	1.028	0.056
		Left	19175	1907.5	1.960	0.027	100	1.00	21.38	21.50	1.028	0.028
		Right	19175	1907.5	-0.120	0.016	100	1.00	21.38	21.50	1.028	0.016
		Top	19175	1907.5	0.180	0.022	100	1.00	21.38	21.50	1.028	0.023
		Bottom	19175	1907.5	0.060	0.009	100	1.00	21.38	21.50	1.028	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)
2-n78 (BW: 20MHz)	1RB	Left Cheek	18625	1852.5	3.120	0.356	100	1.00	23.25	23.50	1.059	0.377
		Left Tilt	18625	1852.5	4.360	0.542	100	1.00	23.25	23.50	1.059	0.574
		Right Cheek	18625	1852.5	-4.530	0.227	100	1.00	23.25	23.50	1.059	0.240
		Right Tilt	18625	1852.5	3.630	0.454	100	1.00	23.25	23.50	1.059	0.481
	50%RB	Left Cheek	18625	1852.5	1.960	0.228	100	1.00	23.25	23.50	1.059	0.242
		Left Tilt	18625	1852.5	2.780	0.346	100	1.00	23.25	23.50	1.059	0.367
		Right Cheek	18625	1852.5	-2.850	0.143	100	1.00	23.25	23.50	1.059	0.151
		Right Tilt	18625	1852.5	2.290	0.282	100	1.00	23.25	23.50	1.059	0.299
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	1.200	0.017	100	1.00	23.25	23.50	1.059	0.018
		Back	18625	1852.5	-2.110	0.023	100	1.00	23.25	23.50	1.059	0.024
		Left	18625	1852.5	2.450	0.011	100	1.00	23.25	23.50	1.059	0.012
		Right	18625	1852.5	0.450	0.009	100	1.00	23.25	23.50	1.059	0.010
		Top	18625	1852.5	-0.150	0.008	100	1.00	23.25	23.50	1.059	0.008
		Bottom	18625	1852.5	-1.220	0.005	100	1.00	23.25	23.50	1.059	0.005
	50%RB	Front	18625	1852.5	1.060	0.015	100	1.00	23.25	23.50	1.059	0.016
		Back	18625	1852.5	-1.870	0.020	100	1.00	23.25	23.50	1.059	0.021
		Left	18625	1852.5	2.150	0.009	100	1.00	23.25	23.50	1.059	0.010
		Right	18625	1852.5	0.401	0.008	100	1.00	23.25	23.50	1.059	0.008
		Top	18625	1852.5	-0.130	0.007	100	1.00	23.25	23.50	1.059	0.007
		Bottom	18625	1852.5	-1.080	0.004	100	1.00	23.25	23.50	1.059	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-n7 (BW: 20MHz)	1RB	Left Cheek	19975	1712.5	0.540	0.157	100	1.00	21.48	21.50	1.005	0.158
		Left Tilt	19975	1712.5	-4.590	0.164	100	1.00	21.48	21.50	1.005	0.165
		Right Cheek	19975	1712.5	4.490	0.171	100	1.00	21.48	21.50	1.005	0.172
		Right Tilt	19975	1712.5	-0.310	0.355	100	1.00	21.48	21.50	1.005	0.357
	50%RB	Left Cheek	19975	1712.5	0.330	0.094	100	1.00	21.48	21.50	1.005	0.094
		Left Tilt	19975	1712.5	-2.840	0.101	100	1.00	21.48	21.50	1.005	0.101
		Right Cheek	19975	1712.5	2.780	0.106	100	1.00	21.48	21.50	1.005	0.106
		Right Tilt	19975	1712.5	-0.190	0.220	100	1.00	21.48	21.50	1.005	0.221
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	19975	1712.5	1.240	0.064	100	1.00	21.48	21.50	1.005	0.064
		Back	19975	1712.5	1.360	0.087	100	1.00	21.48	21.50	1.005	0.087
		Left	19975	1712.5	-0.270	0.041	100	1.00	21.48	21.50	1.005	0.041
		Right	19975	1712.5	1.200	0.025	100	1.00	21.48	21.50	1.005	0.025
		Top	19975	1712.5	0.250	0.036	100	1.00	21.48	21.50	1.005	0.036
		Bottom	19975	1712.5	2.110	0.015	100	1.00	21.48	21.50	1.005	0.015
	50%RB	Front	19975	1712.5	0.840	0.045	100	1.00	21.48	21.50	1.005	0.045
		Back	19975	1712.5	0.960	0.061	100	1.00	21.48	21.50	1.005	0.061
		Left	19975	1712.5	-0.190	0.029	100	1.00	21.48	21.50	1.005	0.029
		Right	19975	1712.5	0.800	0.017	100	1.00	21.48	21.50	1.005	0.017
		Top	19975	1712.5	0.170	0.025	100	1.00	21.48	21.50	1.005	0.025
		Bottom	19975	1712.5	1.490	0.014	100	1.00	21.48	21.50	1.005	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)
4-n41 (BW: 20MHz)	1RB	Left Cheek	19975	1712.5	3.660	0.340	100	1.00	21.68	22.00	1.076	0.366
		Left Tilt	19975	1712.5	-4.090	0.540	100	1.00	21.68	22.00	1.076	0.581
		Right Cheek	19975	1712.5	1.964	0.318	100	1.00	21.68	22.00	1.076	0.342
		Right Tilt	19975	1712.5	4.040	0.493	100	1.00	21.68	22.00	1.076	0.531
	50%RB	Left Cheek	19975	1712.5	2.710	0.254	100	1.00	21.68	22.00	1.076	0.273
		Left Tilt	19975	1712.5	-3.070	0.406	100	1.00	21.68	22.00	1.076	0.437
		Right Cheek	19975	1712.5	1.440	0.239	100	1.00	21.68	22.00	1.076	0.257
		Right Tilt	19975	1712.5	3.040	0.371	100	1.00	21.68	22.00	1.076	0.399
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	19975	1712.5	-0.940	0.051	100	1.00	21.68	22.00	1.076	0.055
		Back	19975	1712.5	-3.440	0.066	100	1.00	21.68	22.00	1.076	0.071
		Left	19975	1712.5	1.860	0.041	100	1.00	21.68	22.00	1.076	0.044
		Right	19975	1712.5	-2.560	0.034	100	1.00	21.68	22.00	1.076	0.037
		Top	19975	1712.5	1.760	0.025	100	1.00	21.68	22.00	1.076	0.027
		Bottom	19975	1712.5	3.190	0.007	100	1.00	21.68	22.00	1.076	0.008
	50%RB	Front	19975	1712.5	2.840	0.051	100	1.00	21.68	22.00	1.076	0.055
		Back	19975	1712.5	-1.730	0.067	100	1.00	21.68	22.00	1.076	0.072
		Left	19975	1712.5	2.750	0.054	100	1.00	21.68	22.00	1.076	0.058
		Right	19975	1712.5	0.060	0.021	100	1.00	21.68	22.00	1.076	0.023
		Top	19975	1712.5	-3.760	0.049	100	1.00	21.68	22.00	1.076	0.053
		Bottom	19975	1712.5	0.880	0.007	100	1.00	21.68	22.00	1.076	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)
4-n78 (BW: 20MHz)	1RB	Left Cheek	19975	1712.5	2.150	0.297	100	1.00	23.34	23.50	1.038	0.308
		Left Tilt	19975	1712.5	1.830	0.485	100	1.00	23.34	23.50	1.038	0.503
		Right Cheek	19975	1712.5	-4.260	0.211	100	1.00	23.34	23.50	1.038	0.219
		Right Tilt	19975	1712.5	4.450	0.426	100	1.00	23.34	23.50	1.038	0.442
	50%RB	Left Cheek	19975	1712.5	1.330	0.184	100	1.00	23.34	23.50	1.038	0.191
		Left Tilt	19975	1712.5	1.160	0.301	100	1.00	23.34	23.50	1.038	0.312
		Right Cheek	19975	1712.5	-2.640	0.134	100	1.00	23.34	23.50	1.038	0.139
		Right Tilt	19975	1712.5	2.790	0.264	100	1.00	23.34	23.50	1.038	0.274
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	19975	1712.5	1.650	0.111	100	1.00	23.34	23.50	1.038	0.115
		Back	19975	1712.5	1.090	0.113	100	1.00	23.34	23.50	1.038	0.117
		Left	19975	1712.5	3.980	0.098	100	1.00	23.34	23.50	1.038	0.102
		Right	19975	1712.5	0.680	0.065	100	1.00	23.34	23.50	1.038	0.067
		Top	19975	1712.5	-2.110	0.088	100	1.00	23.34	23.50	1.038	0.091
		Bottom	19975	1712.5	1.060	0.009	100	1.00	23.34	23.50	1.038	0.009
	50%RB	Front	19975	1712.5	1.220	0.082	100	1.00	23.34	23.50	1.038	0.085
		Back	19975	1712.5	0.800	0.083	100	1.00	23.34	23.50	1.038	0.086
		Left	19975	1712.5	2.940	0.072	100	1.00	23.34	23.50	1.038	0.075
		Right	19975	1712.5	0.520	0.048	100	1.00	23.34	23.50	1.038	0.050
		Top	19975	1712.5	-1.560	0.065	100	1.00	23.34	23.50	1.038	0.067
		Bottom	19975	1712.5	0.780	0.006	100	1.00	23.34	23.50	1.038	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-n7 (BW: 10MHz)	1RB	Left Cheek	20625	846.5	4.510	0.064	100	1.00	23.46	23.50	1.009	0.065
		Left Tilt	20625	846.5	-4.160	0.044	100	1.00	23.46	23.50	1.009	0.044
		Right Cheek	20625	846.5	-4.820	0.078	100	1.00	23.46	23.50	1.009	0.079
		Right Tilt	20625	846.5	4.140	0.030	100	1.00	23.46	23.50	1.009	0.030
	50%RB	Left Cheek	20625	846.5	3.590	0.056	100	1.00	23.46	23.50	1.009	0.057
		Left Tilt	20625	846.5	-3.280	0.034	100	1.00	23.46	23.50	1.009	0.034
		Right Cheek	20625	846.5	-3.810	0.061	100	1.00	23.46	23.50	1.009	0.062
		Right Tilt	20625	846.5	3.260	0.020	100	1.00	23.46	23.50	1.009	0.020
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	20625	846.5	4.840	0.164	100	1.00	23.46	23.50	1.009	0.166
		Back	20625	846.5	2.780	0.178	100	1.00	23.46	23.50	1.009	0.180
		Left	20625	846.5	-3.210	0.155	100	1.00	23.46	23.50	1.009	0.156
		Right	20625	846.5	2.540	0.121	100	1.00	23.46	23.50	1.009	0.122
		Top	20625	846.5	1.540	0.154	100	1.00	23.46	23.50	1.009	0.155
		Bottom	20625	846.5	3.650	0.011	100	1.00	23.46	23.50	1.009	0.011
	50%RB	Front	20625	846.5	3.140	0.106	100	1.00	23.46	23.50	1.009	0.107
		Back	20625	846.5	1.800	0.115	100	1.00	23.46	23.50	1.009	0.116
		Left	20625	846.5	-2.080	0.104	100	1.00	23.46	23.50	1.009	0.105
		Right	20625	846.5	1.600	0.078	100	1.00	23.46	23.50	1.009	0.079
		Top	20625	846.5	1.010	0.121	100	1.00	23.46	23.50	1.009	0.122
		Bottom	20625	846.5	3.650	0.008	100	1.00	23.46	23.50	1.009	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)
5-n38 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	4.680	0.061	100	1.00	23.11	23.50	1.094	0.067
		Left Tilt	20525	836.5	-4.570	0.044	100	1.00	23.11	23.50	1.094	0.048
		Right Cheek	20525	836.5	-2.090	0.073	100	1.00	23.11	23.50	1.094	0.080
		Right Tilt	20525	836.5	-4.090	0.031	100	1.00	23.11	23.50	1.094	0.034
	50%RB	Left Cheek	20525	836.5	3.640	0.048	100	1.00	23.11	23.50	1.094	0.053
		Left Tilt	20525	836.5	-3.560	0.034	100	1.00	23.11	23.50	1.094	0.037
		Right Cheek	20525	836.5	-1.630	0.056	100	1.00	23.11	23.50	1.094	0.061
		Right Tilt	20525	836.5	-3.190	0.024	100	1.00	23.11	23.50	1.094	0.026
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	20525	836.5	1.450	0.112	100	1.00	23.11	23.50	1.094	0.123
		Back	20525	836.5	-1.470	0.119	100	1.00	23.11	23.50	1.094	0.130
		Left	20525	836.5	2.870	0.097	100	1.00	23.11	23.50	1.094	0.106
		Right	20525	836.5	4.870	0.067	100	1.00	23.11	23.50	1.094	0.073
		Top	20525	836.5	0.980	0.087	100	1.00	23.11	23.50	1.094	0.095
		Bottom	20525	836.5	-3.650	0.012	100	1.00	23.11	23.50	1.094	0.013
	50%RB	Front	20525	836.5	1.190	0.094	100	1.00	23.11	23.50	1.094	0.103
		Back	20525	836.5	-1.200	0.097	100	1.00	23.11	23.50	1.094	0.106
		Left	20525	836.5	2.340	0.079	100	1.00	23.11	23.50	1.094	0.086
		Right	20525	836.5	3.990	0.054	100	1.00	23.11	23.50	1.094	0.059
		Top	20525	836.5	0.840	0.071	100	1.00	23.11	23.50	1.094	0.078
		Bottom	20525	836.5	-3.650	0.009	100	1.00	23.11	23.50	1.094	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)
5-n41 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	4.640	0.097	100	1.00	23.46	23.50	1.009	0.098
		Left Tilt	20450	829.0	4.850	0.083	100	1.00	23.46	23.50	1.009	0.084
		Right Cheek	20450	829.0	-4.230	0.070	100	1.00	23.46	23.50	1.009	0.071
		Right Tilt	20450	829.0	3.620	0.054	100	1.00	23.46	23.50	1.009	0.054
	50%RB	Left Cheek	20450	829.0	3.260	0.063	100	1.00	23.46	23.50	1.009	0.064
		Left Tilt	20450	829.0	3.350	0.057	100	1.00	23.46	23.50	1.009	0.058
		Right Cheek	20450	829.0	-2.910	0.048	100	1.00	23.46	23.50	1.009	0.048
		Right Tilt	20450	829.0	2.480	0.037	100	1.00	23.46	23.50	1.009	0.037
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	20450	829.0	1.540	0.109	100	1.00	23.46	23.50	1.009	0.110
		Back	20450	829.0	-1.760	0.118	100	1.00	23.46	23.50	1.009	0.119
		Left	20450	829.0	4.150	0.097	100	1.00	23.46	23.50	1.009	0.098
		Right	20450	829.0	0.650	0.065	100	1.00	23.46	23.50	1.009	0.066
		Top	20450	829.0	0.980	0.087	100	1.00	23.46	23.50	1.009	0.088
		Bottom	20450	829.0	4.650	0.009	100	1.00	23.46	23.50	1.009	0.009
	50%RB	Front	20450	829.0	1.350	0.095	100	1.00	23.46	23.50	1.009	0.096
		Back	20450	829.0	-1.540	0.103	100	1.00	23.46	23.50	1.009	0.104
		Left	20450	829.0	3.650	0.085	100	1.00	23.46	23.50	1.009	0.086
		Right	20450	829.0	0.570	0.057	100	1.00	23.46	23.50	1.009	0.058
		Top	20450	829.0	0.860	0.076	100	1.00	23.46	23.50	1.009	0.077
		Bottom	20450	829.0	0.460	0.008	100	1.00	23.46	23.50	1.009	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)
5-n66 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	-2.140	0.052	100	1.00	23.17	23.50	1.079	0.056
		Left Tilt	20525	836.5	-1.890	0.059	100	1.00	23.17	23.50	1.079	0.064
		Right Cheek	20525	836.5	-3.790	0.048	100	1.00	23.17	23.50	1.079	0.052
		Right Tilt	20525	836.5	4.620	0.054	100	1.00	23.17	23.50	1.079	0.058
	50%RB	Left Cheek	20525	836.5	-1.510	0.032	100	1.00	23.17	23.50	1.079	0.035
		Left Tilt	20525	836.5	-1.340	0.041	100	1.00	23.17	23.50	1.079	0.044
		Right Cheek	20525	836.5	-2.690	0.034	100	1.00	23.17	23.50	1.079	0.037
		Right Tilt	20525	836.5	3.220	0.038	100	1.00	23.17	23.50	1.079	0.041
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	20525	836.5	1.160	0.052	100	1.00	23.17	23.50	1.079	0.056
		Back	20525	836.5	-3.190	0.122	100	1.00	23.17	23.50	1.079	0.132
		Left	20525	836.5	4.720	0.043	100	1.00	23.17	23.50	1.079	0.046
		Right	20525	836.5	-3.060	0.035	100	1.00	23.17	23.50	1.079	0.038
		Top	20525	836.5	-1.120	0.026	100	1.00	23.17	23.50	1.079	0.028
		Bottom	20525	836.5	-2.920	0.006	100	1.00	23.17	23.50	1.079	0.006
	50%RB	Front	20525	836.5	0.930	0.042	100	1.00	23.17	23.50	1.079	0.045
		Back	20525	836.5	-2.580	0.098	100	1.00	23.17	23.50	1.079	0.106
		Left	20525	836.5	3.820	0.034	100	1.00	23.17	23.50	1.079	0.037
		Right	20525	836.5	-2.470	0.028	100	1.00	23.17	23.50	1.079	0.030
		Top	20525	836.5	-0.900	0.021	100	1.00	23.17	23.50	1.079	0.023
		Bottom	20525	836.5	-2.360	0.004	100	1.00	23.17	23.50	1.079	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)
5-n77 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	2.060	0.061	100	1.00	24.49	24.50	1.002	0.061
		Left Tilt	20425	826.5	-0.620	0.140	100	1.00	24.49	24.50	1.002	0.140
		Right Cheek	20425	826.5	-4.540	0.072	100	1.00	24.49	24.50	1.002	0.072
		Right Tilt	20425	826.5	-2.630	0.244	100	1.00	24.49	24.50	1.002	0.245
	50%RB	Left Cheek	20425	826.5	1.390	0.052	100	1.00	24.49	24.50	1.002	0.052
		Left Tilt	20425	826.5	-2.710	0.129	100	1.00	24.49	24.50	1.002	0.129
		Right Cheek	20425	826.5	0.790	0.065	100	1.00	24.49	24.50	1.002	0.065
		Right Tilt	20425	826.5	-1.760	0.231	100	1.00	24.49	24.50	1.002	0.232
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	20425	826.5	1.250	0.039	100	1.00	24.49	24.50	1.002	0.039
		Back	20425	826.5	2.360	0.055	100	1.00	24.49	24.50	1.002	0.055
		Left	20425	826.5	-0.920	0.030	100	1.00	24.49	24.50	1.002	0.030
		Right	20425	826.5	3.740	0.021	100	1.00	24.49	24.50	1.002	0.021
		Top	20425	826.5	1.130	0.015	100	1.00	24.49	24.50	1.002	0.015
		Bottom	20425	826.5	-2.690	0.004	100	1.00	24.49	24.50	1.002	0.004
	50%RB	Front	20425	826.5	2.310	0.032	100	1.00	24.49	24.50	1.002	0.032
		Back	20425	826.5	-3.250	0.043	100	1.00	24.49	24.50	1.002	0.043
		Left	20425	826.5	1.760	0.026	100	1.00	24.49	24.50	1.002	0.026
		Right	20425	826.5	-4.130	0.017	100	1.00	24.49	24.50	1.002	0.017
		Top	20425	826.5	2.170	0.010	100	1.00	24.49	24.50	1.002	0.010
		Bottom	20425	826.5	1.350	0.002	100	1.00	24.49	24.50	1.002	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-n78 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	1.270	0.084	100	1.00	24.26	24.50	1.057	0.089
		Left Tilt	20450	829.0	1.040	0.095	100	1.00	24.26	24.50	1.057	0.100
		Right Cheek	20450	829.0	-4.400	0.102	100	1.00	24.26	24.50	1.057	0.108
		Right Tilt	20450	829.0	-0.300	0.116	100	1.00	24.26	24.50	1.057	0.123
	50%RB	Left Cheek	20450	829.0	3.720	0.080	100	1.00	24.26	24.50	1.057	0.085
		Left Tilt	20450	829.0	-1.950	0.089	100	1.00	24.26	24.50	1.057	0.094
		Right Cheek	20450	829.0	2.390	0.096	100	1.00	24.26	24.50	1.057	0.101
		Right Tilt	20450	829.0	-2.160	0.109	100	1.00	24.26	24.50	1.057	0.115
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	20450	829.0	1.350	0.040	100	1.00	24.26	24.50	1.057	0.042
		Back	20450	829.0	4.710	0.056	100	1.00	24.26	24.50	1.057	0.059
		Left	20450	829.0	-1.660	0.031	100	1.00	24.26	24.50	1.057	0.033
		Right	20450	829.0	-2.310	0.025	100	1.00	24.26	24.50	1.057	0.026
		Top	20450	829.0	1.020	0.020	100	1.00	24.26	24.50	1.057	0.021
		Bottom	20450	829.0	-3.940	0.006	100	1.00	24.26	24.50	1.057	0.006
	50%RB	Front	20450	829.0	-0.940	0.037	100	1.00	24.26	24.50	1.057	0.039
		Back	20450	829.0	2.120	0.050	100	1.00	24.26	24.50	1.057	0.053
		Left	20450	829.0	3.030	0.027	100	1.00	24.26	24.50	1.057	0.029
		Right	20450	829.0	1.420	0.022	100	1.00	24.26	24.50	1.057	0.023
		Top	20450	829.0	-4.210	0.018	100	1.00	24.26	24.50	1.057	0.019
		Bottom	20450	829.0	1.730	0.004	100	1.00	24.26	24.50	1.057	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	20775	2502.5	0.660	0.578	100	1.00	22.58	23.00	1.102	0.637
		Left Tilt	20775	2502.5	-3.190	0.411	100	1.00	22.58	23.00	1.102	0.453
		Right Cheek	20775	2502.5	3.510	0.829	100	1.00	22.58	23.00	1.102	0.913
		Right Tilt	20775	2502.5	2.420	0.492	100	1.00	22.58	23.00	1.102	0.542
	50%RB	Right Cheek	20775	2502.5	0.550	0.811	100	1.00	22.58	23.00	1.102	0.893
		Left Cheek	20775	2502.5	0.460	0.358	100	1.00	22.58	23.00	1.102	0.394
		Left Tilt	20775	2502.5	-1.940	0.250	100	1.00	22.58	23.00	1.102	0.275
		Right Cheek	20775	2502.5	2.110	0.505	100	1.00	22.58	23.00	1.102	0.556
		Right Tilt	20775	2502.5	1.470	0.301	100	1.00	22.58	23.00	1.102	0.332
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	20775	2502.5	2.950	0.205	100	1.00	22.58	23.00	1.102	0.226
		Back	20775	2502.5	3.090	0.222	100	1.00	22.58	23.00	1.102	0.245
		Left	20775	2502.5	-2.650	0.177	100	1.00	22.58	23.00	1.102	0.195
		Right	20775	2502.5	0.550	0.144	100	1.00	22.58	23.00	1.102	0.159
		Top	20775	2502.5	-3.490	0.168	100	1.00	22.58	23.00	1.102	0.185
		Bottom	20775	2502.5	0.660	0.011	100	1.00	22.58	23.00	1.102	0.012
	50%RB	Front	20775	2502.5	2.330	0.161	100	1.00	22.58	23.00	1.102	0.177
		Back	20775	2502.5	2.440	0.175	100	1.00	22.58	23.00	1.102	0.193
		Left	20775	2502.5	-2.090	0.139	100	1.00	22.58	23.00	1.102	0.153
		Right	20775	2502.5	0.450	0.113	100	1.00	22.58	23.00	1.102	0.124
		Top	20775	2502.5	-2.750	0.132	100	1.00	22.58	23.00	1.102	0.145
		Bottom	20775	2502.5	0.540	0.008	100	1.00	22.58	23.00	1.102	0.009

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
7-n7	Right Cheek	20775	0.829	0.811	1.02

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	4.150	0.767	100	1.00	21.31	21.50	1.045	0.801
		Left Tilt	21425	2567.5	0.650	0.315	100	1.00	21.31	21.50	1.045	0.329
		Right Cheek	21425	2567.5	4.910	1.018	100	1.00	21.31	21.50	1.045	1.064
		Right Tilt	21425	2567.5	-0.870	0.404	100	1.00	21.31	21.50	1.045	0.422
		Right Tilt	21425	2567.5	0.150	0.997	100	1.00	21.31	21.50	1.045	1.042
	50%RB	Left Cheek	21425	2567.5	2.660	0.490	100	1.00	21.31	21.50	1.045	0.512
		Left Tilt	21425	2567.5	0.460	0.201	100	1.00	21.31	21.50	1.045	0.210
		Right Cheek	21425	2567.5	3.140	0.651	100	1.00	21.31	21.50	1.045	0.680
		Right Tilt	21425	2567.5	-0.550	0.258	100	1.00	21.31	21.50	1.045	0.270
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	-0.650	0.133	100	1.00	21.31	21.50	1.045	0.139
		Back	21425	2567.5	4.400	0.146	100	1.00	21.31	21.50	1.045	0.153
		Left	21425	2567.5	3.150	0.112	100	1.00	21.31	21.50	1.045	0.117
		Right	21425	2567.5	0.650	0.075	100	1.00	21.31	21.50	1.045	0.078
		Top	21425	2567.5	4.970	0.098	100	1.00	21.31	21.50	1.045	0.102
		Bottom	21425	2567.5	0.940	0.009	100	1.00	21.31	21.50	1.045	0.009
	50%RB	Front	21425	2567.5	-0.570	0.117	100	1.00	21.31	21.50	1.045	0.122
		Back	21425	2567.5	3.820	0.128	100	1.00	21.31	21.50	1.045	0.134
		Left	21425	2567.5	2.770	0.098	100	1.00	21.31	21.50	1.045	0.102
		Right	21425	2567.5	0.570	0.066	100	1.00	21.31	21.50	1.045	0.069
		Top	21425	2567.5	4.370	0.086	100	1.00	21.31	21.50	1.045	0.090
		Bottom	21425	2567.5	0.820	0.007	100	1.00	21.31	21.50	1.045	0.007

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
7-n66	Right Tilt	21425	1.018	0.997	1.02

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	20775	2502.5	3.880	0.740	100	1.00	23.95	24.00	1.012	0.749
		Left Tilt	20775	2502.5	1.880	0.416	100	1.00	23.95	24.00	1.012	0.421
		Right Cheek	20775	2502.5	4.300	0.919	100	1.00	23.95	24.00	1.012	0.930
		Right Tilt	20775	2502.5	-4.680	0.515	100	1.00	23.95	24.00	1.012	0.521
	50%RB	Right Cheek	20775	2502.5	1.530	0.897	100	1.00	23.95	24.00	1.012	0.907
		Left Cheek	20775	2502.5	2.220	0.436	100	1.00	23.95	24.00	1.012	0.441
		Left Tilt	20775	2502.5	1.190	0.245	100	1.00	23.95	24.00	1.012	0.248
		Right Cheek	20775	2502.5	2.530	0.542	100	1.00	23.95	24.00	1.012	0.548
		Right Tilt	20775	2502.5	-2.760	0.303	100	1.00	23.95	24.00	1.012	0.307
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	20775	2502.5	3.650	0.144	100	1.00	23.95	24.00	1.012	0.146
		Back	20775	2502.5	4.000	0.158	100	1.00	23.95	24.00	1.012	0.160
		Left	20775	2502.5	3.220	0.131	100	1.00	23.95	24.00	1.012	0.133
		Right	20775	2502.5	0.870	0.074	100	1.00	23.95	24.00	1.012	0.075
		Top	20775	2502.5	-4.870	0.124	100	1.00	23.95	24.00	1.012	0.125
	50%RB	Bottom	20775	2502.5	1.250	0.012	100	1.00	23.95	24.00	1.012	0.012
		Front	20775	2502.5	3.170	0.125	100	1.00	23.95	24.00	1.012	0.126
		Back	20775	2502.5	3.480	0.137	100	1.00	23.95	24.00	1.012	0.139
		Left	20775	2502.5	2.800	0.113	100	1.00	23.95	24.00	1.012	0.114
		Right	20775	2502.5	0.750	0.064	100	1.00	23.95	24.00	1.012	0.065
		Top	20775	2502.5	-4.230	0.107	100	1.00	23.95	24.00	1.012	0.108
		Bottom	20775	2502.5	1.050	0.010	100	1.00	23.95	24.00	1.012	0.010

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
7-n77	Right Cheek	20775	0.919	0.897	1.02

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	20775	2502.5	3.150	0.884	100	1.00	23.98	24.00	1.005	0.888
		Left Tilt	20775	2502.5	-0.140	0.654	100	1.00	23.98	24.00	1.005	0.657
		Right Cheek	20775	2502.5	4.580	0.980	100	1.00	23.98	24.00	1.005	0.985
		Right Tilt	20775	2502.5	3.160	0.515	100	1.00	23.98	24.00	1.005	0.517
	50%RB	Right Cheek	20775	2502.5	0.140	0.967	100	1.00	23.98	24.00	1.005	0.971
		Left Cheek	20775	2502.5	2.150	0.598	100	1.00	23.98	24.00	1.005	0.601
		Left Tilt	20775	2502.5	-0.090	0.438	100	1.00	23.98	24.00	1.005	0.440
		Right Cheek	20775	2502.5	3.060	0.656	100	1.00	23.98	24.00	1.005	0.659
		Right Tilt	20775	2502.5	2.110	0.345	100	1.00	23.98	24.00	1.005	0.347
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	20775	2502.5	3.450	0.022	100	1.00	23.98	24.00	1.005	0.022
		Back	20775	2502.5	-2.350	0.027	100	1.00	23.98	24.00	1.005	0.027
		Left	20775	2502.5	3.450	0.018	100	1.00	23.98	24.00	1.005	0.018
		Right	20775	2502.5	0.150	0.012	100	1.00	23.98	24.00	1.005	0.012
		Top	20775	2502.5	3.150	0.016	100	1.00	23.98	24.00	1.005	0.016
		Bottom	20775	2502.5	4.150	0.009	100	1.00	23.98	24.00	1.005	0.009
	50%RB	Front	20775	2502.5	3.000	0.019	100	1.00	23.98	24.00	1.005	0.019
		Back	20775	2502.5	-2.060	0.023	100	1.00	23.98	24.00	1.005	0.023
		Left	20775	2502.5	3.060	0.015	100	1.00	23.98	24.00	1.005	0.015
		Right	20775	2502.5	0.130	0.011	100	1.00	23.98	24.00	1.005	0.011
		Top	20775	2502.5	2.770	0.014	100	1.00	23.98	24.00	1.005	0.014
		Bottom	20775	2502.5	3.650	0.007	100	1.00	23.98	24.00	1.005	0.007

Band	EUT Position	Ch.	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
7-n78	Right Cheek	20775	20775	0.98	0.967

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

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	37775	2572.5	3.060	0.446	100	1.00	22.41	22.50	1.021	0.455
		Left Tilt	37775	2572.5	1.240	0.621	100	1.00	22.41	22.50	1.021	0.634
		Right Cheek	37775	2572.5	-2.110	0.421	100	1.00	22.41	22.50	1.021	0.430
		Right Tilt	37775	2572.5	-4.340	0.553	100	1.00	22.41	22.50	1.021	0.565
	50%RB	Left Cheek	37775	2572.5	1.260	0.430	100	1.00	22.41	22.50	1.021	0.439
		Left Tilt	37775	2572.5	-3.370	0.612	100	1.00	22.41	22.50	1.021	0.625
		Right Cheek	37775	2572.5	2.180	0.407	100	1.00	22.41	22.50	1.021	0.416
		Right Tilt	37775	2572.5	3.700	0.539	100	1.00	22.41	22.50	1.021	0.550
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	37775	2572.5	1.260	0.069	100	1.00	22.41	22.50	1.021	0.070
		Back	37775	2572.5	-1.140	0.086	100	1.00	22.41	22.50	1.021	0.088
		Left	37775	2572.5	-3.460	0.042	100	1.00	22.41	22.50	1.021	0.043
		Right	37775	2572.5	-2.160	0.037	100	1.00	22.41	22.50	1.021	0.038
		Top	37775	2572.5	1.190	0.029	100	1.00	22.41	22.50	1.021	0.030
		Bottom	37775	2572.5	3.020	0.006	100	1.00	22.41	22.50	1.021	0.006
	50%RB	Front	37775	2572.5	-2.490	0.061	100	1.00	22.41	22.50	1.021	0.062
		Back	37775	2572.5	1.730	0.082	100	1.00	22.41	22.50	1.021	0.084
		Left	37775	2572.5	-2.030	0.036	100	1.00	22.41	22.50	1.021	0.037
		Right	37775	2572.5	3.820	0.031	100	1.00	22.41	22.50	1.021	0.032
		Top	37775	2572.5	2.100	0.022	100	1.00	22.41	22.50	1.021	0.022
		Bottom	37775	2572.5	-1.170	0.005	100	1.00	22.41	22.50	1.021	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)
41-n41 (BW: 20MHz)	1RB	Left Cheek	41565	2687.5	3.660	0.340	100	1.00	21.49	21.50	1.002	0.341
		Left Tilt	41565	2687.5	-4.090	0.540	100	1.00	21.49	21.50	1.002	0.541
		Right Cheek	41565	2687.5	1.964	0.318	100	1.00	21.49	21.50	1.002	0.319
		Right Tilt	41565	2687.5	4.040	0.493	100	1.00	21.49	21.50	1.002	0.494
	50%RB	Left Cheek	41565	2687.5	2.710	0.254	100	1.00	21.49	21.50	1.002	0.255
		Left Tilt	41565	2687.5	-3.070	0.406	100	1.00	21.49	21.50	1.002	0.407
		Right Cheek	41565	2687.5	1.440	0.239	100	1.00	21.49	21.50	1.002	0.240
		Right Tilt	41565	2687.5	3.040	0.371	100	1.00	21.49	21.50	1.002	0.372
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	41565	2687.5	-0.940	0.051	100	1.00	21.49	21.50	1.002	0.051
		Back	41565	2687.5	-3.440	0.066	100	1.00	21.49	21.50	1.002	0.066
		Left	41565	2687.5	1.860	0.041	100	1.00	21.49	21.50	1.002	0.041
		Right	41565	2687.5	-2.560	0.034	100	1.00	21.49	21.50	1.002	0.034
		Top	41565	2687.5	1.760	0.025	100	1.00	21.49	21.50	1.002	0.025
		Bottom	41565	2687.5	3.190	0.007	100	1.00	21.49	21.50	1.002	0.007
	50%RB	Front	41565	2687.5	-1.980	0.049	100	1.00	21.49	21.50	1.002	0.049
		Back	41565	2687.5	1.200	0.055	100	1.00	21.49	21.50	1.002	0.055
		Left	41565	2687.5	-1.710	0.040	100	1.00	21.49	21.50	1.002	0.040
		Right	41565	2687.5	-1.260	0.033	100	1.00	21.49	21.50	1.002	0.033
		Top	41565	2687.5	0.460	0.021	100	1.00	21.49	21.50	1.002	0.021
		Bottom	41565	2687.5	-2.240	0.008	100	1.00	21.49	21.50	1.002	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)
41-n77 (BW: 20MHz)	1RB	Left Cheek	39675	2498.5	4.390	0.405	100	1.00	23.96	24.00	1.009	0.409
		Left Tilt	39675	2498.5	-4.880	0.643	100	1.00	23.96	24.00	1.009	0.649
		Right Cheek	39675	2498.5	2.341	0.379	100	1.00	23.96	24.00	1.009	0.383
		Right Tilt	39675	2498.5	4.810	0.587	100	1.00	23.96	24.00	1.009	0.592
	50%RB	Left Cheek	39675	2498.5	2.920	0.274	100	1.00	23.96	24.00	1.009	0.277
		Left Tilt	39675	2498.5	-3.310	0.437	100	1.00	23.96	24.00	1.009	0.441
		Right Cheek	39675	2498.5	1.580	0.257	100	1.00	23.96	24.00	1.009	0.259
		Right Tilt	39675	2498.5	3.270	0.399	100	1.00	23.96	24.00	1.009	0.403
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	39675	2498.5	-1.120	0.060	100	1.00	23.96	24.00	1.009	0.061
		Back	39675	2498.5	-4.100	0.079	100	1.00	23.96	24.00	1.009	0.080
		Left	39675	2498.5	2.190	0.049	100	1.00	23.96	24.00	1.009	0.049
		Right	39675	2498.5	-3.050	0.041	100	1.00	23.96	24.00	1.009	0.041
		Top	39675	2498.5	2.090	0.030	100	1.00	23.96	24.00	1.009	0.030
		Bottom	39675	2498.5	-3.420	0.006	100	1.00	23.96	24.00	1.009	0.006
	50%RB	Front	39675	2498.5	-1.019	0.054	100	1.00	23.96	24.00	1.009	0.054
		Back	39675	2498.5	-3.731	0.071	100	1.00	23.96	24.00	1.009	0.072
		Left	39675	2498.5	1.990	0.044	100	1.00	23.96	24.00	1.009	0.044
		Right	39675	2498.5	-2.770	0.037	100	1.00	23.96	24.00	1.009	0.037
		Top	39675	2498.5	1.940	0.027	100	1.00	23.96	24.00	1.009	0.028
		Bottom	39675	2498.5	2.240	0.023	100	1.00	23.13	23.50	1.089	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)
41-n78 (BW: 20MHz)	1RB	Left Cheek	39675	2498.5	-1.830	0.236	100	1.00	23.96	24.00	1.009	0.238
		Left Tilt	39675	2498.5	3.620	0.372	100	1.00	23.96	24.00	1.009	0.375
		Right Cheek	39675	2498.5	1.470	0.444	100	1.00	23.96	24.00	1.009	0.448
		Right Tilt	39675	2498.5	-0.540	0.628	100	1.00	23.96	24.00	1.009	0.634
	50%RB	Left Cheek	39675	2498.5	2.060	0.225	100	1.00	23.96	24.00	1.009	0.227
		Left Tilt	39675	2498.5	-1.240	0.360	100	1.00	23.96	24.00	1.009	0.363
		Right Cheek	39675	2498.5	3.160	0.422	100	1.00	23.96	24.00	1.009	0.426
		Right Tilt	39675	2498.5	-1.120	0.610	100	1.00	23.96	24.00	1.009	0.616
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	39675	2498.5	2.350	0.067	100	1.00	23.96	24.00	1.009	0.068
		Back	39675	2498.5	4.530	0.085	100	1.00	23.96	24.00	1.009	0.086
		Left	39675	2498.5	-1.070	0.042	100	1.00	23.96	24.00	1.009	0.042
		Right	39675	2498.5	3.050	0.035	100	1.00	23.96	24.00	1.009	0.035
		Top	39675	2498.5	-2.240	0.028	100	1.00	23.96	24.00	1.009	0.028
		Bottom	39675	2498.5	1.790	0.007	100	1.00	23.96	24.00	1.009	0.007
	50%RB	Front	39675	2498.5	0.790	0.060	100	1.00	23.96	24.00	1.009	0.061
		Back	39675	2498.5	-2.350	0.077	100	1.00	23.96	24.00	1.009	0.078
		Left	39675	2498.5	1.200	0.037	100	1.00	23.96	24.00	1.009	0.037
		Right	39675	2498.5	4.160	0.030	100	1.00	23.96	24.00	1.009	0.030
		Top	39675	2498.5	-3.160	0.024	100	1.00	23.96	24.00	1.009	0.024
		Bottom	39675	2498.5	-2.000	0.005	100	1.00	23.96	24.00	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)
66-n7 (BW: 20MHz)	1RB	Left Cheek	131997	1712.5	-2.130	0.118	100	1.00	21.35	21.50	1.035	0.122
		Left Tilt	131997	1712.5	-4.290	0.131	100	1.00	21.35	21.50	1.035	0.136
		Right Cheek	131997	1712.5	3.250	0.363	100	1.00	21.35	21.50	1.035	0.376
		Right Tilt	131997	1712.5	0.840	0.391	100	1.00	21.35	21.50	1.035	0.405
	50%RB	Left Cheek	131997	1712.5	-1.060	0.102	100	1.00	21.35	21.50	1.035	0.106
		Left Tilt	131997	1712.5	2.790	0.124	100	1.00	21.35	21.50	1.035	0.128
		Right Cheek	131997	1712.5	3.820	0.351	100	1.00	21.35	21.50	1.035	0.363
		Right Tilt	131997	1712.5	-2.020	0.380	100	1.00	21.35	21.50	1.035	0.393
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	131997	1712.5	-2.100	0.074	100	1.00	21.35	21.50	1.035	0.077
		Back	131997	1712.5	4.700	0.094	100	1.00	21.35	21.50	1.035	0.097
		Left	131997	1712.5	1.020	0.060	100	1.00	21.35	21.50	1.035	0.062
		Right	131997	1712.5	3.970	0.051	100	1.00	21.35	21.50	1.035	0.053
		Top	131997	1712.5	-1.690	0.032	100	1.00	21.35	21.50	1.035	0.033
		Bottom	131997	1712.5	2.350	0.008	100	1.00	21.35	21.50	1.035	0.008
	50%RB	Front	131997	1712.5	1.420	0.070	100	1.00	21.35	21.50	1.035	0.072
		Back	131997	1712.5	2.150	0.089	100	1.00	21.35	21.50	1.035	0.092
		Left	131997	1712.5	-3.140	0.052	100	1.00	21.35	21.50	1.035	0.054
		Right	131997	1712.5	2.190	0.045	100	1.00	21.35	21.50	1.035	0.047
		Top	131997	1712.5	-3.370	0.027	100	1.00	21.35	21.50	1.035	0.028
		Bottom	131997	1712.5	-4.220	0.006	100	1.00	21.35	21.50	1.035	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)
66-n38 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	-2.190	0.094	100	1.00	21.36	21.50	1.033	0.097
		Left Tilt	132572	1770.0	-1.650	0.106	100	1.00	21.36	21.50	1.033	0.109
		Right Cheek	132572	1770.0	4.900	0.355	100	1.00	21.36	21.50	1.033	0.367
		Right Tilt	132572	1770.0	2.520	0.383	100	1.00	21.36	21.50	1.033	0.396
	50%RB	Left Cheek	132572	1770.0	-1.750	0.075	100	1.00	21.36	21.50	1.033	0.077
		Left Tilt	132572	1770.0	-1.320	0.084	100	1.00	21.36	21.50	1.033	0.087
		Right Cheek	132572	1770.0	3.920	0.284	100	1.00	21.36	21.50	1.033	0.293
		Right Tilt	132572	1770.0	2.010	0.306	100	1.00	21.36	21.50	1.033	0.316
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	132572	1770.0	1.650	0.098	100	1.00	21.36	21.50	1.033	0.101
		Back	132572	1770.0	-3.450	0.101	100	1.00	21.36	21.50	1.033	0.104
		Left	132572	1770.0	4.880	0.066	100	1.00	21.36	21.50	1.033	0.068
		Right	132572	1770.0	0.060	0.041	100	1.00	21.36	21.50	1.033	0.042
		Top	132572	1770.0	0.450	0.038	100	1.00	21.36	21.50	1.033	0.039
		Bottom	132572	1770.0	4.150	0.005	100	1.00	21.36	21.50	1.033	0.005
	50%RB	Front	132572	1770.0	1.460	0.101	100	1.00	21.36	21.50	1.033	0.104
		Back	132572	1770.0	-3.070	0.087	100	1.00	21.36	21.50	1.033	0.090
		Left	132572	1770.0	4.320	0.089	100	1.00	21.36	21.50	1.033	0.092
		Right	132572	1770.0	0.050	0.058	100	1.00	21.36	21.50	1.033	0.060
		Top	132572	1770.0	0.400	0.036	100	1.00	21.36	21.50	1.033	0.037
		Bottom	132572	1770.0	3.690	0.033	100	1.00	21.36	21.50	1.033	0.034

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	131997	1712.5	1.460	0.083	100	1.00	21.65	22.00	1.084	0.090
		Left Tilt	131997	1712.5	1.310	0.092	100	1.00	21.65	22.00	1.084	0.100
		Right Cheek	131997	1712.5	-4.120	0.342	100	1.00	21.65	22.00	1.084	0.371
		Right Tilt	131997	1712.5	-4.810	0.397	100	1.00	21.65	22.00	1.084	0.430
	50%RB	Left Cheek	131997	1712.5	1.670	0.076	100	1.00	21.65	22.00	1.084	0.082
		Left Tilt	131997	1712.5	-2.310	0.084	100	1.00	21.65	22.00	1.084	0.091
		Right Cheek	131997	1712.5	2.490	0.331	100	1.00	21.65	22.00	1.084	0.359
		Right Tilt	131997	1712.5	-3.030	0.374	100	1.00	21.65	22.00	1.084	0.405
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	131997	1712.5	1.160	0.079	100	1.00	21.65	22.00	1.084	0.086
		Back	131997	1712.5	-3.130	0.098	100	1.00	21.65	22.00	1.084	0.106
		Left	131997	1712.5	2.060	0.062	100	1.00	21.65	22.00	1.084	0.067
		Right	131997	1712.5	-3.120	0.049	100	1.00	21.65	22.00	1.084	0.053
		Top	131997	1712.5	1.060	0.041	100	1.00	21.65	22.00	1.084	0.044
		Bottom	131997	1712.5	-2.300	0.006	100	1.00	21.65	22.00	1.084	0.007
	50%RB	Front	131997	1712.5	2.190	0.071	100	1.00	21.65	22.00	1.084	0.077
		Back	131997	1712.5	1.740	0.090	100	1.00	21.65	22.00	1.084	0.098
		Left	131997	1712.5	-3.160	0.053	100	1.00	21.65	22.00	1.084	0.057
		Right	131997	1712.5	1.080	0.040	100	1.00	21.65	22.00	1.084	0.043
		Top	131997	1712.5	-3.240	0.035	100	1.00	21.65	22.00	1.084	0.038
		Bottom	131997	1712.5	1.430	0.004	100	1.00	21.65	22.00	1.084	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)
66-n66 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	1.990	0.258	100	1.00	22.87	23.00	1.030	0.266
		Left Tilt	132322	1745.0	4.570	0.507	100	1.00	22.87	23.00	1.030	0.522
		Right Cheek	132322	1745.0	0.450	0.243	100	1.00	22.87	23.00	1.030	0.250
		Right Tilt	132322	1745.0	-2.840	0.455	100	1.00	22.87	23.00	1.030	0.469
	50%RB	Left Cheek	132322	1745.0	0.950	0.222	100	1.00	22.87	23.00	1.030	0.229
		Left Tilt	132322	1745.0	-1.660	0.437	100	1.00	22.87	23.00	1.030	0.450
		Right Cheek	132322	1745.0	1.160	0.203	100	1.00	22.87	23.00	1.030	0.209
		Right Tilt	132322	1745.0	3.360	0.387	100	1.00	22.87	23.00	1.030	0.399
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	132322	1745.0	1.880	0.077	100	1.00	22.87	23.00	1.030	0.079
		Back	132322	1745.0	1.300	0.121	100	1.00	22.87	23.00	1.030	0.125
		Left	132322	1745.0	-1.230	0.049	100	1.00	22.87	23.00	1.030	0.050
		Right	132322	1745.0	4.290	0.036	100	1.00	22.87	23.00	1.030	0.037
		Top	132322	1745.0	2.900	0.030	100	1.00	22.87	23.00	1.030	0.031
		Bottom	132322	1745.0	-0.920	0.006	100	1.00	22.87	23.00	1.030	0.006
	50%RB	Front	132322	1745.0	3.680	0.104	100	1.00	22.87	23.00	1.030	0.107
		Back	132322	1745.0	4.180	0.113	100	1.00	22.87	23.00	1.030	0.116
		Left	132322	1745.0	1.650	0.098	100	1.00	22.87	23.00	1.030	0.101
		Right	132322	1745.0	3.150	0.061	100	1.00	22.87	23.00	1.030	0.063
		Top	132322	1745.0	-4.650	0.079	100	1.00	22.87	23.00	1.030	0.081
		Bottom	132322	1745.0	0.640	0.008	100	1.00	22.87	23.00	1.030	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-n77 (BW: 20MHz)	1RB	Left Cheek	131997	1712.5	2.190	0.284	100	1.00	21.11	21.50	1.094	0.311
		Left Tilt	131997	1712.5	4.970	0.558	100	1.00	21.11	21.50	1.094	0.610
		Right Cheek	131997	1712.5	0.450	0.268	100	1.00	21.11	21.50	1.094	0.293
		Right Tilt	131997	1712.5	-3.130	0.500	100	1.00	21.11	21.50	1.094	0.547
	50%RB	Left Cheek	131997	1712.5	1.180	0.272	100	1.00	21.11	21.50	1.094	0.298
		Left Tilt	131997	1712.5	-2.060	0.540	100	1.00	21.11	21.50	1.094	0.591
		Right Cheek	131997	1712.5	1.360	0.251	100	1.00	21.11	21.50	1.094	0.275
		Right Tilt	131997	1712.5	4.160	0.479	100	1.00	21.11	21.50	1.094	0.524
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	131997	1712.5	2.070	0.085	100	1.00	21.11	21.50	1.094	0.093
		Back	131997	1712.5	1.500	0.134	100	1.00	21.11	21.50	1.094	0.147
		Left	131997	1712.5	-1.360	0.054	100	1.00	21.11	21.50	1.094	0.059
		Right	131997	1712.5	4.720	0.040	100	1.00	21.11	21.50	1.094	0.044
		Top	131997	1712.5	3.190	0.033	100	1.00	21.11	21.50	1.094	0.036
		Bottom	131997	1712.5	-1.020	0.007	100	1.00	21.11	21.50	1.094	0.008
	50%RB	Front	131997	1712.5	3.160	0.076	100	1.00	21.11	21.50	1.094	0.083
		Back	131997	1712.5	-2.130	0.122	100	1.00	21.11	21.50	1.094	0.133
		Left	131997	1712.5	1.190	0.050	100	1.00	21.11	21.50	1.094	0.055
		Right	131997	1712.5	3.020	0.042	100	1.00	21.11	21.50	1.094	0.046
		Top	131997	1712.5	-1.790	0.029	100	1.00	21.11	21.50	1.094	0.032
		Bottom	131997	1712.5	2.640	0.006	100	1.00	21.11	21.50	1.094	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)
66-n78 (BW: 20MHz)	1RB	Left Cheek	131997	1712.5	1.240	0.290	100	1.00	21.00	21.50	1.122	0.325
		Left Tilt	131997	1712.5	1.390	0.595	100	1.00	21.00	21.50	1.122	0.668
		Right Cheek	131997	1712.5	4.260	0.201	100	1.00	21.00	21.50	1.122	0.226
		Right Tilt	131997	1712.5	2.490	0.489	100	1.00	21.00	21.50	1.122	0.549
	50%RB	Left Cheek	131997	1712.5	3.030	0.281	100	1.00	21.00	21.50	1.122	0.315
		Left Tilt	131997	1712.5	-1.450	0.574	100	1.00	21.00	21.50	1.122	0.644
		Right Cheek	131997	1712.5	4.150	0.183	100	1.00	21.00	21.50	1.122	0.205
		Right Tilt	131997	1712.5	-3.410	0.471	100	1.00	21.00	21.50	1.122	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)
66-n78 (BW: 20MHz)	1RB	Front	131997	1712.5	1.010	0.172	100	1.00	21.00	21.50	1.122	0.193
		Back	131997	1712.5	4.020	0.333	100	1.00	21.00	21.50	1.122	0.374
		Left	131997	1712.5	2.190	0.109	100	1.00	21.00	21.50	1.122	0.122
		Right	131997	1712.5	-1.140	0.086	100	1.00	21.00	21.50	1.122	0.096
		Top	131997	1712.5	3.030	0.053	100	1.00	21.00	21.50	1.122	0.059
		Bottom	131997	1712.5	-1.180	0.009	100	1.00	21.00	21.50	1.122	0.010
	50%RB	Front	131997	1712.5	1.190	0.154	100	1.00	21.00	21.50	1.122	0.173
		Back	131997	1712.5	3.160	0.312	100	1.00	21.00	21.50	1.122	0.350
		Left	131997	1712.5	-1.460	0.093	100	1.00	21.00	21.50	1.122	0.104
		Right	131997	1712.5	3.710	0.075	100	1.00	21.00	21.50	1.122	0.084
		Top	131997	1712.5	-2.170	0.045	100	1.00	21.00	21.50	1.122	0.050
		Bottom	131997	1712.5	-3.120	0.007	100	1.00	21.00	21.50	1.122	0.008

11.3.6 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(HT20)	Left Cheek	1	2412	-0.190	0.134	100	1.00	28.08	28.50	1.102	0.148
	Left Tilt	1	2412	0.190	0.027	100	1.00	28.08	28.50	1.102	0.030
	Right Cheek	1	2412	-0.190	0.170	100	1.00	28.08	28.50	1.102	0.187
	Right Tilt	1	2412	-0.190	0.034	100	1.00	28.08	28.50	1.102	0.037
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(HT20)	Front	1	2412	0.060	0.061	100	1.00	28.08	28.50	1.102	0.067
	Back	1	2412	-0.180	0.075	100	1.00	28.08	28.50	1.102	0.083
	Left	1	2412	-0.160	0.030	100	1.00	28.08	28.50	1.102	0.033
	Right	1	2412	-0.060	0.110	100	1.00	28.08	28.50	1.102	0.121
	Top	1	2412	0.120	0.052	100	1.00	28.08	28.50	1.102	0.057
	Bottom	1	2412	-0.090	0.003	100	1.00	28.08	28.50	1.102	0.003

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 802.11ac-VHT20	Left Cheek	36	5180	0.190	0.134	100	1.00	21.94	22.00	1.014	0.136
	Left Tilt	36	5180	-0.170	0.042	100	1.00	21.94	22.00	1.014	0.043
	Right Cheek	36	5180	0.020	0.087	100	1.00	21.94	22.00	1.014	0.088
	Right Tilt	36	5180	0.140	0.020	100	1.00	21.94	22.00	1.014	0.020
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 802.11ac-VHT20	Front	36	5180	-0.130	0.036	100	1.00	21.94	22.00	1.014	0.037
	Back	36	5180	-0.050	0.040	100	1.00	21.94	22.00	1.014	0.041
	Left	36	5180	0.110	0.028	100	1.00	21.94	22.00	1.014	0.028
	Right	36	5180	0.190	0.083	100	1.00	21.94	22.00	1.014	0.084
	Top	36	5180	0.170	0.033	100	1.00	21.94	22.00	1.014	0.033
	Bottom	36	5180	-0.030	0.001	100	1.00	21.94	22.00	1.014	0.001

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 802.11ac-VHT20	Left Cheek	52	5260	-0.050	0.155	100	1.00	21.63	22.00	1.089	0.169
	Left Tilt	52	5260	0.130	0.048	100	1.00	21.63	22.00	1.089	0.052
	Right Cheek	52	5260	-0.010	0.068	100	1.00	21.63	22.00	1.089	0.074
	Right Tilt	52	5260	0.160	0.017	100	1.00	21.63	22.00	1.089	0.019
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 802.11ac-VHT20	Front	52	5260	0.050	0.034	100	1.00	21.63	22.00	1.089	0.037
	Back	52	5260	0.030	0.044	100	1.00	21.63	22.00	1.089	0.048
	Left	52	5260	-0.110	0.026	100	1.00	21.63	22.00	1.089	0.028
	Right	52	5260	0.190	0.083	100	1.00	21.63	22.00	1.089	0.090
	Top	52	5260	-0.110	0.029	100	1.00	21.63	22.00	1.089	0.032
	Bottom	52	5260	-0.150	0.001	100	1.00	21.63	22.00	1.089	0.001

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 802.11ac- VHT20	Left Cheek	140	5700	0.190	0.152	100	1.00	21.84	22.00	1.038	0.158
	Left Tilt	140	5700	-0.110	0.039	100	1.00	21.84	22.00	1.038	0.040
	Right Cheek	140	5700	0.130	0.060	100	1.00	21.84	22.00	1.038	0.062
	Right Tilt	140	5700	-0.050	0.017	100	1.00	21.84	22.00	1.038	0.018
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 802.11ac- VHT20	Front	140	5700	-0.050	0.030	100	1.00	21.84	22.00	1.038	0.031
	Back	140	5700	0.170	0.039	100	1.00	21.84	22.00	1.038	0.040
	Left	140	5700	-0.040	0.022	100	1.00	21.84	22.00	1.038	0.023
	Right	140	5700	0.190	0.077	100	1.00	21.84	22.00	1.038	0.080
	Top	140	5700	-0.170	0.031	100	1.00	21.84	22.00	1.038	0.032
	Bottom	140	5700	-0.140	0.002	100	1.00	21.84	22.00	1.038	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 802.11ac- VHT20	Left Cheek	149	5745	0.190	0.185	100	1.00	21.55	22.00	1.109	0.205
	Left Tilt	149	5745	0.060	0.045	100	1.00	21.55	22.00	1.109	0.050
	Right Cheek	149	5745	-0.140	0.073	100	1.00	21.55	22.00	1.109	0.081
	Right Tilt	149	5745	-0.150	0.018	100	1.00	21.55	22.00	1.109	0.020
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 802.11ac- VHT20	Front	149	5745	0.070	0.036	100	1.00	21.55	22.00	1.109	0.040
	Back	149	5745	0.150	0.051	100	1.00	21.55	22.00	1.109	0.057
	Left	149	5745	0.040	0.029	100	1.00	21.55	22.00	1.109	0.032
	Right	149	5745	-0.190	0.088	100	1.00	21.55	22.00	1.109	0.098
	Top	149	5745	-0.180	0.033	100	1.00	21.55	22.00	1.109	0.037
	Bottom	149	5745	0.130	0.002	100	1.00	21.55	22.00	1.109	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)
Bluetooth	Left Cheek	39	2441	-0.190	0.134	100	1.00	8.39	8.50	1.026	0.137
	Left Tilt	39	2441	0.190	0.082	100	1.00	8.39	8.50	1.026	0.084
	Right Cheek	39	2441	0.190	0.140	100	1.00	8.39	8.50	1.026	0.144
	Right Tilt	39	2441	0.170	0.089	100	1.00	8.39	8.50	1.026	0.091
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	39	2441	0.020	0.050	100	1.00	8.39	8.50	1.026	0.051
	Back	39	2441	0.010	0.061	100	1.00	8.39	8.50	1.026	0.063
	Left	39	2441	0.030	0.024	100	1.00	8.39	8.50	1.026	0.025
	Right	39	2441	0.150	0.088	100	1.00	8.39	8.50	1.026	0.090
	Top	39	2441	0.140	0.040	100	1.00	8.39	8.50	1.026	0.041
	Bottom	39	2441	-0.020	0.002	100	1.00	8.39	8.50	1.026	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.

11.3.1 Results overview of Satellite

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)
Π/4-DQPSK	Front	1	1626.5	-0.190	0.279	100	1.00	28.06	28.50	1.107	0.309
	Back	1	1626.5	-0.130	0.401	100	1.00	28.06	28.50	1.107	0.444
	Left	1	1626.5	0.140	0.021	100	1.00	28.06	28.50	1.107	0.023
	Right	1	1626.5	-0.070	0.059	100	1.00	28.06	28.50	1.107	0.065
	Top	1	1626.5	-0.020	0.531	100	1.00	28.06	28.50	1.107	0.588
	Bottom	1	1626.5	0.010	0.002	100	1.00	28.06	28.50	1.107	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)
Π/4-DQPSK	Front	544	1643.5	-0.020	0.247	100	1.00	28.15	28.50	1.084	0.268
	Back	544	1643.5	-0.110	0.358	100	1.00	28.15	28.50	1.084	0.388
	Left	544	1643.5	0.040	0.021	100	1.00	28.15	28.50	1.084	0.023
	Right	544	1643.5	0.160	0.074	100	1.00	28.15	28.50	1.084	0.080
	Top	544	1643.5	-0.030	0.564	100	1.00	28.15	28.50	1.084	0.611
	Bottom	544	1643.5	-0.010	0.002	100	1.00	28.15	28.50	1.084	0.002

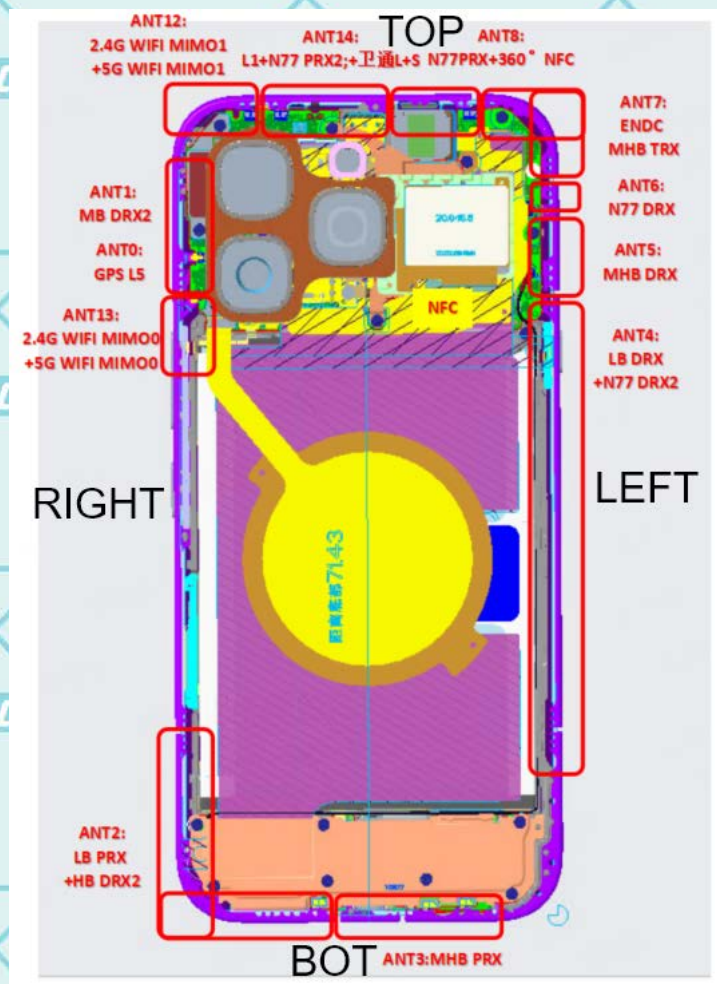
Mode	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Π/4-DQPSK	Front	1087	1660.5	-0.190	0.458	100	1.00	27.94	28.00	1.014	0.464
	Back	1087	1660.5	-0.150	0.326	100	1.00	27.94	28.00	1.014	0.331
	Left	1087	1660.5	0.040	0.027	100	1.00	27.94	28.00	1.014	0.027
	Right	1087	1660.5	-0.010	0.084	100	1.00	27.94	28.00	1.014	0.085
	Top	1087	1660.5	0.000	0.648	100	1.00	27.94	28.00	1.014	0.657
	Bottom	1087	1660.5	0.070	0.002	100	1.00	27.94	28.00	1.014	0.002

Note: During the process of the mobile phone connecting to the satellite, the distance between the mobile phone and the user's body should be $10\text{cm} < d \leq 40\text{cm}$ (based on the assessment of the satellite communication hands-free model when the user holds the phone vertically).

Satellite communication only supports hands-free calls, and there is no usage scenario where it is in close contact with the head or body.

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.

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12.1.1 SAR Summation Scenario

Head

Band	Test Position	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
GSM850 (voice)	Left Cheek	0.175	0.148	0.205	0.137	0.323	0.380	0.312	1.6
	Left Tilt	0.252	0.030	0.050	0.084	0.282	0.302	0.336	
	Right Cheek	0.168	0.187	0.081	0.144	0.355	0.249	0.312	
	Right Tilt	0.180	0.037	0.020	0.091	0.217	0.200	0.271	
GSM1900 (voice)	Left Cheek	0.008	0.148	0.205	0.137	0.156	0.213	0.145	
	Left Tilt	0.007	0.030	0.050	0.084	0.037	0.057	0.091	
	Right Cheek	0.008	0.187	0.081	0.144	0.195	0.089	0.152	
	Right Tilt	0.007	0.037	0.020	0.091	0.044	0.027	0.098	
WCDMA Band 2	Left Cheek	0.076	0.148	0.205	0.137	0.224	0.281	0.213	
	Left Tilt	0.049	0.030	0.050	0.084	0.079	0.099	0.133	
	Right Cheek	0.090	0.187	0.081	0.144	0.277	0.171	0.234	
	Right Tilt	0.050	0.037	0.020	0.091	0.087	0.070	0.141	
WCDMA Band 4	Left Cheek	0.096	0.148	0.205	0.137	0.244	0.301	0.233	
	Left Tilt	0.028	0.030	0.050	0.084	0.058	0.078	0.112	
	Right Cheek	0.085	0.187	0.081	0.144	0.272	0.166	0.229	
	Right Tilt	0.026	0.037	0.020	0.091	0.063	0.046	0.117	
WCDMA Band 5	Left Cheek	0.136	0.148	0.205	0.137	0.284	0.341	0.273	
	Left Tilt	0.169	0.030	0.050	0.084	0.199	0.219	0.253	
	Right Cheek	0.081	0.187	0.081	0.144	0.268	0.162	0.225	
	Right Tilt	0.114	0.037	0.020	0.091	0.151	0.134	0.205	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
LTE Band 2 QPSK (20MHz)	Left Cheek	1RB	0.061	0.148	0.205	0.137	0.209	0.266	0.198	1.6
	Left Tilt		0.014	0.030	0.050	0.084	0.044	0.064	0.098	
	Right Cheek		0.065	0.187	0.081	0.144	0.252	0.146	0.209	
	Right Tilt		0.020	0.037	0.020	0.091	0.057	0.040	0.111	
	Left Cheek	50%RB	0.048	0.148	0.205	0.137	0.196	0.253	0.185	
	Left Tilt		0.012	0.030	0.050	0.084	0.042	0.062	0.096	
	Right Cheek		0.051	0.187	0.081	0.144	0.238	0.132	0.195	
	Right Tilt		0.016	0.037	0.020	0.091	0.053	0.036	0.107	
LTE Band 4 QPSK (20MHz)	Left Cheek	1RB	0.063	0.148	0.205	0.137	0.211	0.268	0.200	
	Left Tilt		0.052	0.030	0.050	0.084	0.082	0.102	0.136	
	Right Cheek		0.093	0.187	0.081	0.144	0.280	0.174	0.237	
	Right Tilt		0.074	0.037	0.020	0.091	0.111	0.094	0.165	
	Left Cheek	50%RB	0.053	0.148	0.205	0.137	0.201	0.258	0.190	
	Left Tilt		0.042	0.030	0.050	0.084	0.072	0.092	0.126	
	Right Cheek		0.078	0.187	0.081	0.144	0.265	0.159	0.222	
	Right Tilt		0.063	0.037	0.020	0.091	0.100	0.083	0.154	
LTE Band 5 QPSK (10MHz)	Left Cheek	1RB	0.134	0.148	0.205	0.137	0.282	0.339	0.271	
	Left Tilt		0.135	0.030	0.050	0.084	0.165	0.185	0.219	
	Right Cheek		0.136	0.187	0.081	0.144	0.323	0.217	0.280	
	Right Tilt		0.101	0.037	0.020	0.091	0.138	0.121	0.192	
	Left Cheek	50%RB	0.126	0.148	0.205	0.137	0.274	0.331	0.263	
	Left Tilt		0.128	0.030	0.050	0.084	0.158	0.178	0.212	
	Right Cheek		0.131	0.187	0.081	0.144	0.318	0.212	0.275	
	Right Tilt		0.095	0.037	0.020	0.091	0.132	0.115	0.186	
LTE Band 7 QPSK (20MHz)	Left Cheek	1RB	0.075	0.148	0.205	0.137	0.223	0.280	0.212	
	Left Tilt		0.034	0.030	0.050	0.084	0.064	0.084	0.118	
	Right Cheek		0.053	0.187	0.081	0.144	0.240	0.134	0.197	
	Right Tilt		0.028	0.037	0.020	0.091	0.065	0.048	0.119	
	Left Cheek	50%RB	0.073	0.148	0.205	0.137	0.221	0.278	0.210	
	Left Tilt		0.031	0.030	0.050	0.084	0.061	0.081	0.115	
	Right Cheek		0.050	0.187	0.081	0.144	0.237	0.131	0.194	
	Right Tilt		0.025	0.037	0.020	0.091	0.062	0.045	0.116	
LTE Band 12 QPSK (10MHz)	Left Cheek	1RB	0.051	0.148	0.205	0.137	0.199	0.256	0.188	
	Left Tilt		0.073	0.030	0.050	0.084	0.103	0.123	0.157	
	Right Cheek		0.049	0.187	0.081	0.144	0.236	0.130	0.193	
	Right Tilt		0.066	0.037	0.020	0.091	0.103	0.086	0.157	
	Left Cheek	50%RB	0.047	0.148	0.205	0.137	0.195	0.252	0.184	
	Left Tilt		0.070	0.030	0.050	0.084	0.100	0.120	0.154	
	Right Cheek		0.047	0.187	0.081	0.144	0.234	0.128	0.191	
	Right Tilt		0.063	0.037	0.020	0.091	0.100	0.083	0.154	
LTE Band 17 QPSK (10MHz)	Left Cheek	1RB	0.060	0.148	0.205	0.137	0.208	0.265	0.197	
	Left Tilt		0.041	0.030	0.050	0.084	0.071	0.091	0.125	
	Right Cheek		0.066	0.187	0.081	0.144	0.253	0.147	0.210	
	Right Tilt		0.062	0.037	0.020	0.091	0.099	0.082	0.153	
	Left Cheek	50%RB	0.057	0.148	0.205	0.137	0.205	0.262	0.194	
	Left Tilt		0.038	0.030	0.050	0.084	0.068	0.088	0.122	
	Right Cheek		0.062	0.187	0.081	0.144	0.249	0.143	0.206	
	Right Tilt		0.059	0.037	0.020	0.091	0.096	0.079	0.150	
LTE Band 38 QPSK (10MHz)	Left Cheek	1RB	0.039	0.148	0.205	0.137	0.187	0.244	0.176	
	Left Tilt		0.022	0.030	0.050	0.084	0.052	0.072	0.106	
	Right Cheek		0.025	0.187	0.081	0.144	0.212	0.106	0.169	
	Right Tilt		0.019	0.037	0.020	0.091	0.056	0.039	0.110	
	Left Cheek	50%RB	0.034	0.148	0.205	0.137	0.182	0.239	0.171	
	Left Tilt		0.019	0.030	0.050	0.084	0.049	0.069	0.103	
	Right Cheek		0.021	0.187	0.081	0.144	0.208	0.102	0.165	
	Right Tilt		0.017	0.037	0.020	0.091	0.054	0.037	0.108	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT 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)	BT SAR 1g(W/kg)				
LTE Band 41 QPSK (20MHz)	Left Cheek	1RB	0.061	0.148	0.205	0.137	0.209	0.266	0.198	1.6
	Left Tilt		0.020	0.030	0.050	0.084	0.050	0.070	0.104	
	Right Cheek		0.033	0.187	0.081	0.144	0.220	0.114	0.177	
	Right Tilt		0.012	0.037	0.020	0.091	0.049	0.032	0.103	
	Left Cheek	50%RB	0.058	0.148	0.205	0.137	0.206	0.263	0.195	
	Left Tilt		0.018	0.030	0.050	0.084	0.048	0.068	0.102	
	Right Cheek		0.030	0.187	0.081	0.144	0.217	0.111	0.174	
	Right Tilt		0.011	0.037	0.020	0.091	0.048	0.031	0.102	
LTE Band 42 QPSK (20MHz)	Left Cheek	1RB	0.106	0.148	0.205	0.137	0.254	0.311	0.243	
	Left Tilt		0.326	0.030	0.050	0.084	0.356	0.376	0.410	
	Right Cheek		0.214	0.187	0.081	0.144	0.401	0.295	0.358	
	Right Tilt		0.614	0.037	0.020	0.091	0.651	0.634	0.705	
	Left Cheek	50%RB	0.098	0.148	0.205	0.137	0.246	0.303	0.235	
	Left Tilt		0.273	0.030	0.050	0.084	0.303	0.323	0.357	
	Right Cheek		0.172	0.187	0.081	0.144	0.359	0.253	0.316	
	Right Tilt		0.561	0.037	0.020	0.091	0.598	0.581	0.652	
LTE Band 42 QPSK (20MHz)	Left Cheek	1RB	0.121	0.148	0.205	0.137	0.269	0.326	0.258	
	Left Tilt		0.370	0.030	0.050	0.084	0.400	0.420	0.454	
	Right Cheek		0.243	0.187	0.081	0.144	0.430	0.324	0.387	
	Right Tilt		0.698	0.037	0.020	0.091	0.735	0.718	0.789	
	Right Cheek	50%RB	0.100	0.148	0.205	0.137	0.248	0.305	0.237	
	Left Cheek		0.308	0.030	0.050	0.084	0.338	0.358	0.392	
	Left Tilt		0.223	0.187	0.081	0.144	0.410	0.304	0.367	
	Right Cheek		0.581	0.037	0.020	0.091	0.618	0.601	0.672	
LTE Band 66 QPSK (20MHz)	Left Cheek	1RB	0.061	0.148	0.205	0.137	0.209	0.266	0.198	
	Left Tilt		0.040	0.030	0.050	0.084	0.070	0.090	0.124	
	Right Cheek		0.047	0.187	0.081	0.144	0.234	0.128	0.191	
	Right Tilt		0.023	0.037	0.020	0.091	0.060	0.043	0.114	
	Left Cheek	50%RB	0.059	0.148	0.205	0.137	0.207	0.264	0.196	
	Left Tilt		0.038	0.030	0.050	0.084	0.068	0.088	0.122	
	Right Cheek		0.044	0.187	0.081	0.144	0.231	0.125	0.188	
	Right Tilt		0.020	0.037	0.020	0.091	0.057	0.040	0.111	
NR Band 5	Left Cheek	1RB	0.141	0.148	0.205	0.137	0.289	0.346	0.278	
	Left Tilt		0.182	0.030	0.050	0.084	0.212	0.232	0.266	
	Right Cheek		0.135	0.187	0.081	0.144	0.322	0.216	0.279	
	Right Tilt		0.182	0.037	0.020	0.091	0.219	0.202	0.273	
	Left Cheek	50%RB	0.115	0.148	0.205	0.137	0.263	0.320	0.252	
	Left Tilt		0.148	0.030	0.050	0.084	0.178	0.198	0.232	
	Right Cheek		0.113	0.187	0.081	0.144	0.300	0.194	0.257	
	Right Tilt		0.147	0.037	0.020	0.091	0.184	0.167	0.238	
NR Band 7	Left Cheek	1RB	0.101	0.148	0.205	0.137	0.249	0.306	0.238	
	Left Tilt		0.034	0.030	0.050	0.084	0.064	0.084	0.118	
	Right Cheek		0.076	0.187	0.081	0.144	0.263	0.157	0.220	
	Right Tilt		0.032	0.037	0.020	0.091	0.069	0.052	0.123	
	Left Cheek	50%RB	0.088	0.148	0.205	0.137	0.236	0.293	0.225	
	Left Tilt		0.029	0.030	0.050	0.084	0.059	0.079	0.113	
	Right Cheek		0.061	0.187	0.081	0.144	0.248	0.142	0.205	
	Right Tilt		0.026	0.037	0.020	0.091	0.063	0.046	0.117	
NR Band 12	Left Cheek	1RB	0.068	0.148	0.205	0.137	0.216	0.273	0.205	
	Left Tilt		0.123	0.030	0.050	0.084	0.153	0.173	0.207	
	Right Cheek		0.044	0.187	0.081	0.144	0.231	0.125	0.188	
	Right Tilt		0.082	0.037	0.020	0.091	0.119	0.102	0.173	
	Left Cheek	50%RB	0.056	0.148	0.205	0.137	0.204	0.261	0.193	
	Left Tilt		0.103	0.030	0.050	0.084	0.133	0.153	0.187	
	Right Cheek		0.036	0.187	0.081	0.144	0.223	0.117	0.180	
	Right Tilt		0.070	0.037	0.020	0.091	0.107	0.090	0.161	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ N+BT 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)	BT SAR 1g(W/kg)				
NR Band 38	Left Cheek	1RB	0.021	0.148	0.205	0.137	0.169	0.226	0.158	1.6
	Left Tilt		0.003	0.030	0.050	0.084	0.033	0.053	0.087	
	Right Cheek		0.011	0.187	0.081	0.144	0.198	0.092	0.155	
	Right Tilt		0.002	0.037	0.020	0.091	0.039	0.022	0.093	
	Left Cheek	50%RB	0.017	0.148	0.205	0.137	0.165	0.222	0.154	
	Left Tilt		0.002	0.030	0.050	0.084	0.032	0.052	0.086	
	Right Cheek		0.009	0.187	0.081	0.144	0.196	0.090	0.153	
	Right Tilt		0.002	0.037	0.020	0.091	0.039	0.022	0.093	
NR Band 41	Left Cheek	1RB	0.015	0.148	0.205	0.137	0.163	0.220	0.152	
	Left Tilt		0.014	0.030	0.050	0.084	0.044	0.064	0.098	
	Right Cheek		0.014	0.187	0.081	0.144	0.201	0.095	0.158	
	Right Tilt		0.013	0.037	0.020	0.091	0.050	0.033	0.104	
	Left Cheek	50%RB	0.013	0.148	0.205	0.137	0.161	0.218	0.150	
	Left Tilt		0.011	0.030	0.050	0.084	0.041	0.061	0.095	
	Right Cheek		0.011	0.187	0.081	0.144	0.198	0.092	0.155	
	Right Tilt		0.010	0.037	0.020	0.091	0.047	0.030	0.101	
NR Band 66	Left Cheek	1RB	0.083	0.148	0.205	0.137	0.231	0.288	0.220	
	Left Tilt		0.025	0.030	0.050	0.084	0.055	0.075	0.109	
	Right Cheek		0.093	0.187	0.081	0.144	0.280	0.174	0.237	
	Right Tilt		0.037	0.037	0.020	0.091	0.074	0.057	0.128	
	Left Cheek	50%RB	0.067	0.148	0.205	0.137	0.215	0.272	0.204	
	Left Tilt		0.022	0.030	0.050	0.084	0.052	0.072	0.106	
	Right Cheek		0.079	0.187	0.081	0.144	0.266	0.160	0.223	
	Right Tilt		0.032	0.037	0.020	0.091	0.069	0.052	0.123	
NR Band 71	Left Cheek	1RB	0.080	0.148	0.205	0.137	0.228	0.285	0.217	
	Left Tilt		0.144	0.030	0.050	0.084	0.174	0.194	0.228	
	Right Cheek		0.062	0.187	0.081	0.144	0.249	0.143	0.206	
	Right Tilt		0.111	0.037	0.020	0.091	0.148	0.131	0.202	
	Left Cheek	50%RB	0.077	0.148	0.205	0.137	0.225	0.282	0.214	
	Left Tilt		0.131	0.030	0.050	0.084	0.161	0.181	0.215	
	Right Cheek		0.060	0.187	0.081	0.144	0.247	0.141	0.204	
	Right Tilt		0.097	0.037	0.020	0.091	0.134	0.117	0.188	
NR Band 77	Left Cheek	1RB	0.086	0.148	0.205	0.137	0.234	0.291	0.223	
	Left Tilt		0.211	0.030	0.050	0.084	0.241	0.261	0.295	
	Right Cheek		0.133	0.187	0.081	0.144	0.320	0.214	0.277	
	Right Tilt		0.427	0.037	0.020	0.091	0.464	0.447	0.518	
	Left Cheek	50%RB	0.068	0.148	0.205	0.137	0.216	0.273	0.205	
	Left Tilt		0.168	0.030	0.050	0.084	0.198	0.218	0.252	
	Right Cheek		0.106	0.187	0.081	0.144	0.293	0.187	0.250	
	Right Tilt		0.341	0.037	0.020	0.091	0.378	0.361	0.432	
NR Band 77	Left Cheek	1RB	0.088	0.148	0.205	0.137	0.236	0.293	0.225	
	Left Tilt		0.175	0.030	0.050	0.084	0.205	0.225	0.259	
	Right Cheek		0.161	0.187	0.081	0.144	0.348	0.242	0.305	
	Right Tilt		0.357	0.037	0.020	0.091	0.394	0.377	0.448	
	Left Cheek	50%RB	0.084	0.148	0.205	0.137	0.232	0.289	0.221	
	Left Tilt		0.147	0.030	0.050	0.084	0.177	0.197	0.231	
	Right Cheek		0.127	0.187	0.081	0.144	0.314	0.208	0.271	
	Right Tilt		0.296	0.037	0.020	0.091	0.333	0.316	0.387	
NR Band 77	Left Cheek	1RB	0.139	0.148	0.205	0.137	0.287	0.344	0.276	
	Left Tilt		0.071	0.030	0.050	0.084	0.101	0.121	0.155	
	Right Cheek		0.295	0.187	0.081	0.144	0.482	0.376	0.439	
	Right Tilt		0.036	0.037	0.020	0.091	0.073	0.056	0.127	
	Left Cheek	50%RB	0.109	0.148	0.205	0.137	0.257	0.314	0.246	
	Left Tilt		0.059	0.030	0.050	0.084	0.089	0.109	0.143	
	Right Cheek		0.241	0.187	0.081	0.144	0.428	0.322	0.385	
	Right Tilt		0.088	0.037	0.020	0.091	0.125	0.108	0.179	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT 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)	BT SAR 1g(W/kg)				
NR Band 78	Left Cheek	1RB	0.079	0.148	0.205	0.137	0.227	0.284	0.216	1.6
	Left Tilt		0.180	0.030	0.050	0.084	0.210	0.230	0.264	
	Right Cheek		0.137	0.187	0.081	0.144	0.324	0.218	0.281	
	Right Tilt		0.383	0.037	0.020	0.091	0.420	0.403	0.474	
	Left Cheek	50%RB	0.062	0.148	0.205	0.137	0.210	0.267	0.199	
	Left Tilt		0.144	0.030	0.050	0.084	0.174	0.194	0.228	
	Right Cheek		0.110	0.187	0.081	0.144	0.297	0.191	0.254	
	Right Tilt		0.307	0.037	0.020	0.091	0.344	0.327	0.398	
NR Band 78	Left Cheek	1RB	0.080	0.148	0.205	0.137	0.228	0.285	0.217	
	Left Tilt		0.226	0.030	0.050	0.084	0.256	0.276	0.310	
	Right Cheek		0.133	0.187	0.081	0.144	0.320	0.214	0.277	
	Right Tilt		0.377	0.037	0.020	0.091	0.414	0.397	0.468	
	Left Cheek	50%RB	0.181	0.148	0.205	0.137	0.329	0.386	0.318	
	Left Tilt		0.106	0.030	0.050	0.084	0.136	0.156	0.190	
	Right Cheek		0.302	0.187	0.081	0.144	0.489	0.383	0.446	
	Right Tilt		0.050	0.037	0.020	0.091	0.087	0.070	0.141	
NR Band 78	Left Cheek	1RB	0.083	0.148	0.205	0.137	0.231	0.288	0.220	
	Left Tilt		0.143	0.030	0.050	0.084	0.173	0.193	0.227	
	Right Cheek		0.350	0.187	0.081	0.144	0.537	0.431	0.494	
	Right Tilt		0.040	0.037	0.020	0.091	0.077	0.060	0.131	
	Left Cheek	50%RB	0.115	0.148	0.205	0.137	0.263	0.320	0.252	
	Left Tilt		0.280	0.030	0.050	0.084	0.310	0.330	0.364	
	Right Cheek		0.080	0.187	0.081	0.144	0.267	0.161	0.224	
	Right Tilt		0.226	0.037	0.020	0.091	0.263	0.246	0.317	
2-n7	Left Cheek	1RB	0.151	0.148	0.205	0.137	0.299	0.356	0.288	
	Left Tilt		0.062	0.030	0.050	0.084	0.092	0.112	0.146	
	Right Cheek		0.126	0.187	0.081	0.144	0.313	0.207	0.270	
	Right Tilt		0.284	0.037	0.020	0.091	0.321	0.304	0.375	
	Left Cheek	50%RB	0.132	0.148	0.205	0.137	0.280	0.337	0.269	
	Left Tilt		0.054	0.030	0.050	0.084	0.084	0.104	0.138	
	Right Cheek		0.110	0.187	0.081	0.144	0.297	0.191	0.254	
	Right Tilt		0.249	0.037	0.020	0.091	0.286	0.269	0.340	
2-n66	Left Cheek	1RB	0.115	0.148	0.205	0.137	0.263	0.320	0.252	
	Left Tilt		0.172	0.030	0.050	0.084	0.202	0.222	0.256	
	Right Cheek		0.133	0.187	0.081	0.144	0.320	0.214	0.277	
	Right Tilt		0.369	0.037	0.020	0.091	0.406	0.389	0.460	
	Left Cheek	50%RB	0.080	0.148	0.205	0.137	0.228	0.285	0.217	
	Left Tilt		0.109	0.030	0.050	0.084	0.139	0.159	0.193	
	Right Cheek		0.084	0.187	0.081	0.144	0.271	0.165	0.228	
	Right Tilt		0.235	0.037	0.020	0.091	0.272	0.255	0.326	
2-n78	Left Cheek	1RB	0.377	0.148	0.205	0.137	0.525	0.582	0.514	
	Left Tilt		0.574	0.030	0.050	0.084	0.604	0.624	0.658	
	Right Cheek		0.240	0.187	0.081	0.144	0.427	0.321	0.384	
	Right Tilt		0.481	0.037	0.020	0.091	0.518	0.501	0.572	
	Left Cheek	50%RB	0.242	0.148	0.205	0.137	0.390	0.447	0.379	
	Left Tilt		0.367	0.030	0.050	0.084	0.397	0.417	0.451	
	Right Cheek		0.151	0.187	0.081	0.144	0.338	0.232	0.295	
	Right Tilt		0.299	0.037	0.020	0.091	0.336	0.319	0.390	
4-n7	Left Cheek	1RB	0.158	0.148	0.205	0.137	0.306	0.363	0.295	
	Left Tilt		0.165	0.030	0.050	0.084	0.195	0.215	0.249	
	Right Cheek		0.172	0.187	0.081	0.144	0.359	0.253	0.316	
	Right Tilt		0.357	0.037	0.020	0.091	0.394	0.377	0.448	
	Left Cheek	50%RB	0.094	0.148	0.205	0.137	0.242	0.299	0.231	
	Left Tilt		0.101	0.030	0.050	0.084	0.131	0.151	0.185	
	Right Cheek		0.106	0.187	0.081	0.144	0.293	0.187	0.250	
	Right Tilt		0.221	0.037	0.020	0.091	0.258	0.241	0.312	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT 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)	BT SAR 1g(W/kg)				
4-n41	Left Cheek	1RB	0.366	0.148	0.205	0.137	0.514	0.571	0.503	1.6
	Left Tilt		0.581	0.030	0.050	0.084	0.611	0.631	0.665	
	Right Cheek		0.342	0.187	0.081	0.144	0.529	0.423	0.486	
	Right Tilt		0.531	0.037	0.020	0.091	0.568	0.551	0.622	
	Left Tilt	50%RB	0.273	0.148	0.205	0.137	0.421	0.478	0.410	
	Left Cheek		0.437	0.030	0.050	0.084	0.467	0.487	0.521	
	Left Tilt		0.257	0.187	0.081	0.144	0.444	0.338	0.401	
	Right Cheek		0.399	0.037	0.020	0.091	0.436	0.419	0.490	
4-n78	Right Tilt	1RB	0.366	0.148	0.205	0.137	0.514	0.571	0.503	
	Left Cheek		0.308	0.030	0.050	0.084	0.338	0.358	0.392	
	Left Tilt		0.503	0.187	0.081	0.144	0.690	0.584	0.647	
	Right Cheek		0.219	0.037	0.020	0.091	0.256	0.239	0.310	
	Right Tilt	50%RB	0.442	0.148	0.205	0.137	0.590	0.647	0.579	
	Left Cheek		0.191	0.030	0.050	0.084	0.221	0.241	0.275	
	Left Tilt		0.312	0.187	0.081	0.144	0.499	0.393	0.456	
	Right Cheek		0.139	0.037	0.020	0.091	0.176	0.159	0.230	
5-n7	Right Tilt	1RB	0.274	0.148	0.205	0.137	0.422	0.479	0.411	
	Left Cheek		0.065	0.030	0.050	0.084	0.095	0.115	0.149	
	Left Tilt		0.044	0.187	0.081	0.144	0.231	0.125	0.188	
	Right Cheek		0.079	0.037	0.020	0.091	0.116	0.099	0.170	
	Right Tilt	50%RB	0.030	0.148	0.205	0.137	0.178	0.235	0.167	
	Left Cheek		0.057	0.030	0.050	0.084	0.087	0.107	0.141	
	Left Tilt		0.034	0.187	0.081	0.144	0.221	0.115	0.178	
	Right Cheek		0.062	0.037	0.020	0.091	0.099	0.082	0.153	
5-n38	Left Cheek	1RB	0.067	0.148	0.205	0.137	0.215	0.272	0.204	
	Left Tilt		0.048	0.030	0.050	0.084	0.078	0.098	0.132	
	Right Cheek		0.080	0.187	0.081	0.144	0.267	0.161	0.224	
	Right Tilt		0.034	0.037	0.020	0.091	0.071	0.054	0.125	
	Left Cheek	50%RB	0.053	0.148	0.205	0.137	0.201	0.258	0.190	
	Left Tilt		0.037	0.030	0.050	0.084	0.067	0.087	0.121	
	Right Cheek		0.061	0.187	0.081	0.144	0.248	0.142	0.205	
	Right Tilt		0.026	0.037	0.020	0.091	0.063	0.046	0.117	
5-n41	Left Cheek	1RB	0.098	0.148	0.205	0.137	0.246	0.303	0.235	
	Left Tilt		0.084	0.030	0.050	0.084	0.114	0.134	0.168	
	Right Cheek		0.071	0.187	0.081	0.144	0.258	0.152	0.215	
	Right Tilt		0.054	0.037	0.020	0.091	0.091	0.074	0.145	
	Left Cheek	50%RB	0.064	0.148	0.205	0.137	0.212	0.269	0.201	
	Left Tilt		0.058	0.030	0.050	0.084	0.088	0.108	0.142	
	Right Cheek		0.048	0.187	0.081	0.144	0.235	0.129	0.192	
	Right Tilt		0.037	0.037	0.020	0.091	0.074	0.057	0.128	
5-n66	Left Cheek	1RB	0.056	0.148	0.205	0.137	0.204	0.261	0.193	
	Left Tilt		0.064	0.030	0.050	0.084	0.094	0.114	0.148	
	Right Cheek		0.052	0.187	0.081	0.144	0.239	0.133	0.196	
	Right Tilt		0.058	0.037	0.020	0.091	0.095	0.078	0.149	
	Left Cheek	50%RB	0.035	0.148	0.205	0.137	0.183	0.240	0.172	
	Left Tilt		0.044	0.030	0.050	0.084	0.074	0.094	0.128	
	Right Cheek		0.037	0.187	0.081	0.144	0.224	0.118	0.181	
	Right Tilt		0.041	0.037	0.020	0.091	0.078	0.061	0.132	
5-n77	Left Cheek	1RB	0.061	0.148	0.205	0.137	0.209	0.266	0.198	
	Left Tilt		0.140	0.030	0.050	0.084	0.170	0.190	0.224	
	Right Cheek		0.072	0.187	0.081	0.144	0.259	0.153	0.216	
	Right Tilt		0.245	0.037	0.020	0.091	0.282	0.265	0.336	
	Left Cheek	50%RB	0.052	0.148	0.205	0.137	0.200	0.257	0.189	
	Left Tilt		0.129	0.030	0.050	0.084	0.159	0.179	0.213	
	Right Cheek		0.065	0.187	0.081	0.144	0.252	0.146	0.209	
	Right Tilt		0.232	0.037	0.020	0.091	0.269	0.252	0.323	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT 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)	BT SAR 1g(W/kg)				
5-n78	Left Cheek	1RB	0.089	0.148	0.205	0.137	0.237	0.294	0.226	1.6
	Left Tilt		0.100	0.030	0.050	0.084	0.130	0.150	0.184	
	Right Cheek		0.108	0.187	0.081	0.144	0.295	0.189	0.252	
	Right Tilt		0.123	0.037	0.020	0.091	0.160	0.143	0.214	
	Left Cheek	50%RB	0.085	0.148	0.205	0.137	0.233	0.290	0.222	
	Left Tilt		0.094	0.030	0.050	0.084	0.124	0.144	0.178	
	Right Cheek		0.101	0.187	0.081	0.144	0.288	0.182	0.245	
	Right Tilt		0.115	0.037	0.020	0.091	0.152	0.135	0.206	
7-n7	Left Cheek	1RB	0.637	0.148	0.205	0.137	0.785	0.842	0.774	
	Left Tilt		0.453	0.030	0.050	0.084	0.483	0.503	0.537	
	Right Cheek		0.913	0.187	0.081	0.144	1.100	0.994	1.057	
	Right Tilt		0.542	0.037	0.020	0.091	0.579	0.562	0.633	
	Left Cheek	50%RB	0.394	0.148	0.205	0.137	0.542	0.599	0.531	
	Left Tilt		0.275	0.030	0.050	0.084	0.305	0.325	0.359	
	Right Cheek		0.556	0.187	0.081	0.144	0.743	0.637	0.700	
	Right Tilt		0.332	0.037	0.020	0.091	0.369	0.352	0.423	
7-n66	Left Cheek	1RB	0.801	0.148	0.205	0.137	0.949	1.006	0.938	
	Left Tilt		0.329	0.030	0.050	0.084	0.359	0.379	0.413	
	Right Cheek		1.064	0.187	0.081	0.144	1.251	1.145	1.208	
	Right Tilt		0.422	0.037	0.020	0.091	0.459	0.442	0.513	
	Left Cheek	50%RB	0.512	0.148	0.205	0.137	0.660	0.717	0.649	
	Left Tilt		0.210	0.030	0.050	0.084	0.240	0.260	0.294	
	Right Cheek		0.680	0.187	0.081	0.144	0.867	0.761	0.824	
	Right Tilt		0.270	0.037	0.020	0.091	0.307	0.290	0.361	
7-n77	Left Cheek	1RB	0.749	0.148	0.205	0.137	0.897	0.954	0.886	
	Left Tilt		0.421	0.030	0.050	0.084	0.451	0.471	0.505	
	Right Cheek		0.930	0.187	0.081	0.144	1.117	1.011	1.074	
	Right Tilt		0.521	0.037	0.020	0.091	0.558	0.541	0.612	
	Left Cheek	50%RB	0.441	0.148	0.205	0.137	0.589	0.646	0.578	
	Left Tilt		0.248	0.030	0.050	0.084	0.278	0.298	0.332	
	Right Cheek		0.548	0.187	0.081	0.144	0.735	0.629	0.692	
	Right Tilt		0.307	0.037	0.020	0.091	0.344	0.327	0.398	
7-n78	Left Cheek	1RB	0.888	0.148	0.205	0.137	1.036	1.093	1.025	
	Left Tilt		0.657	0.030	0.050	0.084	0.687	0.707	0.741	
	Right Cheek		0.985	0.187	0.081	0.144	1.172	1.066	1.129	
	Right Tilt		0.517	0.037	0.020	0.091	0.554	0.537	0.608	
	Left Cheek	50%RB	0.601	0.148	0.205	0.137	0.749	0.806	0.738	
	Left Tilt		0.440	0.030	0.050	0.084	0.470	0.490	0.524	
	Right Cheek		0.659	0.187	0.081	0.144	0.846	0.740	0.803	
	Right Tilt		0.347	0.037	0.020	0.091	0.384	0.367	0.438	
38-n78	Left Cheek	1RB	0.455	0.148	0.205	0.137	0.603	0.660	0.592	
	Left Tilt		0.634	0.030	0.050	0.084	0.664	0.684	0.718	
	Right Cheek		0.430	0.187	0.081	0.144	0.617	0.511	0.574	
	Right Tilt		0.565	0.037	0.020	0.091	0.602	0.585	0.656	
	Left Cheek	50%RB	0.439	0.148	0.205	0.137	0.587	0.644	0.576	
	Left Tilt		0.625	0.030	0.050	0.084	0.655	0.675	0.709	
	Right Cheek		0.416	0.187	0.081	0.144	0.603	0.497	0.560	
	Right Tilt		0.550	0.037	0.020	0.091	0.587	0.570	0.641	
41-n41	Left Cheek	1RB	0.341	0.148	0.205	0.137	0.489	0.546	0.478	
	Left Tilt		0.541	0.030	0.050	0.084	0.571	0.591	0.625	
	Right Cheek		0.319	0.187	0.081	0.144	0.506	0.400	0.463	
	Right Tilt		0.494	0.037	0.020	0.091	0.531	0.514	0.585	
	Left Cheek	50%RB	0.255	0.148	0.205	0.137	0.403	0.460	0.392	
	Left Tilt		0.407	0.030	0.050	0.084	0.437	0.457	0.491	
	Right Cheek		0.240	0.187	0.081	0.144	0.427	0.321	0.384	
	Right Tilt		0.372	0.037	0.020	0.091	0.409	0.392	0.463	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT 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)	BT SAR 1g(W/kg)				
41-n77	Left Cheek	1RB	0.409	0.148	0.205	0.137	0.557	0.614	0.546	1.6
	Left Tilt		0.649	0.030	0.050	0.084	0.679	0.699	0.733	
	Right Cheek		0.383	0.187	0.081	0.144	0.570	0.464	0.527	
	Right Tilt		0.592	0.037	0.020	0.091	0.629	0.612	0.683	
	Left Cheek	50%RB	0.277	0.148	0.205	0.137	0.425	0.482	0.414	
	Left Tilt		0.441	0.030	0.050	0.084	0.471	0.491	0.525	
	Right Cheek		0.259	0.187	0.081	0.144	0.446	0.340	0.403	
	Right Tilt		0.403	0.037	0.020	0.091	0.440	0.423	0.494	
41-n78	Left Cheek	1RB	0.238	0.148	0.205	0.137	0.386	0.443	0.375	1.6
	Left Tilt		0.375	0.030	0.050	0.084	0.405	0.425	0.459	
	Right Cheek		0.448	0.187	0.081	0.144	0.635	0.529	0.592	
	Right Tilt		0.634	0.037	0.020	0.091	0.671	0.654	0.725	
	Left Tilt	50%RB	0.227	0.148	0.205	0.137	0.375	0.432	0.364	
	Left Cheek		0.363	0.030	0.050	0.084	0.393	0.413	0.447	
	Left Tilt		0.426	0.187	0.081	0.144	0.613	0.507	0.570	
	Right Cheek		0.616	0.037	0.020	0.091	0.653	0.636	0.707	
66-n7	Left Cheek	1RB	0.122	0.148	0.205	0.137	0.270	0.327	0.259	1.6
	Left Tilt		0.136	0.030	0.050	0.084	0.166	0.186	0.220	
	Right Cheek		0.376	0.187	0.081	0.144	0.563	0.457	0.520	
	Right Tilt		0.405	0.037	0.020	0.091	0.442	0.425	0.496	
	Left Cheek	50%RB	0.128	0.148	0.205	0.137	0.276	0.333	0.265	
	Left Tilt		0.363	0.030	0.050	0.084	0.393	0.413	0.447	
	Right Cheek		0.393	0.187	0.081	0.144	0.580	0.474	0.537	
	Right Tilt		0.097	0.037	0.020	0.091	0.134	0.117	0.188	
66-n38	Left Cheek	1RB	0.109	0.148	0.205	0.137	0.257	0.314	0.246	1.6
	Left Tilt		0.367	0.030	0.050	0.084	0.397	0.417	0.451	
	Right Cheek		0.396	0.187	0.081	0.144	0.583	0.477	0.540	
	Right Tilt		0.077	0.037	0.020	0.091	0.114	0.097	0.168	
	Left Cheek	50%RB	0.293	0.148	0.205	0.137	0.441	0.498	0.430	
	Left Tilt		0.316	0.030	0.050	0.084	0.346	0.366	0.400	
	Right Cheek		0.090	0.187	0.081	0.144	0.277	0.171	0.234	
	Right Tilt		0.100	0.037	0.020	0.091	0.137	0.120	0.191	
66-n41	Left Cheek	1RB	0.371	0.148	0.205	0.137	0.519	0.576	0.508	1.6
	Left Tilt		0.430	0.030	0.050	0.084	0.460	0.480	0.514	
	Right Cheek		0.082	0.187	0.081	0.144	0.269	0.163	0.226	
	Right Tilt		0.091	0.037	0.020	0.091	0.128	0.111	0.182	
	Left Cheek	50%RB	0.359	0.148	0.205	0.137	0.507	0.564	0.496	
	Left Tilt		0.405	0.030	0.050	0.084	0.435	0.455	0.489	
	Right Cheek		0.122	0.187	0.081	0.144	0.309	0.203	0.266	
	Right Tilt		0.136	0.037	0.020	0.091	0.173	0.156	0.227	
66-n66	Left Cheek	1RB	0.266	0.148	0.205	0.137	0.414	0.471	0.403	1.6
	Left Tilt		0.522	0.030	0.050	0.084	0.552	0.572	0.606	
	Right Cheek		0.250	0.187	0.081	0.144	0.437	0.331	0.394	
	Right Tilt		0.469	0.037	0.020	0.091	0.506	0.489	0.560	
	Left Cheek	50%RB	0.229	0.148	0.205	0.137	0.377	0.434	0.366	
	Left Tilt		0.450	0.030	0.050	0.084	0.480	0.500	0.534	
	Right Cheek		0.209	0.187	0.081	0.144	0.396	0.290	0.353	
	Right Tilt		0.399	0.037	0.020	0.091	0.436	0.419	0.490	
66-n77	Left Cheek	1RB	0.311	0.148	0.205	0.137	0.459	0.516	0.448	1.6
	Left Tilt		0.610	0.030	0.050	0.084	0.640	0.660	0.694	
	Right Cheek		0.293	0.187	0.081	0.144	0.480	0.374	0.437	
	Right Tilt		0.547	0.037	0.020	0.091	0.584	0.567	0.638	
	Left Cheek	50%RB	0.298	0.148	0.205	0.137	0.446	0.503	0.435	
	Left Tilt		0.591	0.030	0.050	0.084	0.621	0.641	0.675	
	Right Cheek		0.275	0.187	0.081	0.144	0.462	0.356	0.419	
	Right Tilt		0.524	0.037	0.020	0.091	0.561	0.544	0.615	
66-n78	Left Cheek	1RB	0.325	0.148	0.205	0.137	0.473	0.530	0.462	1.6
	Left Tilt		0.668	0.030	0.050	0.084	0.698	0.718	0.752	
	Right Cheek		0.226	0.187	0.081	0.144	0.413	0.307	0.370	
	Right Tilt		0.549	0.037	0.020	0.091	0.586	0.569	0.640	
	Left Cheek	50%RB	0.315	0.148	0.205	0.137	0.463	0.520	0.452	
	Left Tilt		0.644	0.030	0.050	0.084	0.674	0.694	0.728	
	Right Cheek		0.205	0.187	0.081	0.144	0.392	0.286	0.349	
	Right Tilt		0.528	0.037	0.020	0.091	0.565	0.548	0.619	

Hotspot(body-worn10mm)

Band	Test Position	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
GSM850 (GPRS 4slots)	Front	0.520	0.067	0.040	0.051	0.587	0.560	0.571	1.6
	Back	0.618	0.083	0.057	0.063	0.701	0.675	0.681	
	Left	0.251	0.033	0.032	0.025	0.284	0.283	0.276	
	Right	0.939	0.121	0.098	0.090	1.060	1.037	1.029	
	Top	0.018	0.057	0.037	0.041	0.075	0.055	0.059	
	Bottom	0.406	0.003	0.002	0.002	0.409	0.408	0.408	
GSM1900 (GPRS 4slots)	Right	0.891	0.121	0.098	0.090	1.012	0.989	0.981	
	Front	0.403	0.067	0.040	0.051	0.470	0.443	0.454	
	Back	0.475	0.083	0.057	0.063	0.558	0.532	0.538	
	Left	0.357	0.033	0.032	0.025	0.390	0.389	0.382	
	Right	0.129	0.121	0.098	0.090	0.250	0.227	0.219	
	Top	0.002	0.057	0.037	0.041	0.059	0.039	0.043	
WCDMA Band 2	Bottom	0.664	0.003	0.002	0.002	0.667	0.666	0.666	
	Front	0.601	0.067	0.040	0.051	0.668	0.641	0.652	
	Back	0.660	0.083	0.057	0.063	0.743	0.717	0.723	
	Left	0.512	0.033	0.032	0.025	0.545	0.544	0.537	
	Right	0.210	0.121	0.098	0.090	0.331	0.308	0.300	
	Top	0.004	0.057	0.037	0.041	0.061	0.041	0.045	
WCDMA Band 4	Bottom	1.016	0.003	0.002	0.002	1.019	1.018	1.018	
	Bottom	0.982	0.003	0.002	0.002	0.985	0.984	0.984	
	Front	0.616	0.067	0.040	0.051	0.683	0.656	0.667	
	Back	0.656	0.083	0.057	0.063	0.739	0.713	0.719	
	Left	0.508	0.033	0.032	0.025	0.541	0.540	0.533	
	Right	0.215	0.121	0.098	0.090	0.336	0.313	0.305	
WCDMA Band 5	Top	0.004	0.057	0.037	0.041	0.061	0.041	0.045	
	Bottom	1.023	0.003	0.002	0.002	1.026	1.025	1.025	
	Bottom	0.981	0.003	0.002	0.002	0.984	0.983	0.983	
	Front	0.293	0.067	0.040	0.051	0.360	0.333	0.344	
	Back	0.318	0.083	0.057	0.063	0.401	0.375	0.381	
	Left	0.090	0.033	0.032	0.025	0.123	0.122	0.115	
WCDMA Band 5	Right	0.179	0.121	0.098	0.090	0.300	0.277	0.269	
	Top	0.020	0.057	0.037	0.041	0.077	0.057	0.061	
	Bottom	0.198	0.003	0.002	0.002	0.201	0.200	0.200	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
LTE Band 2	Front	1RB	0.405	0.067	0.040	0.051	0.472	0.445	0.456	1.6
	Back		0.418	0.083	0.057	0.063	0.501	0.475	0.481	
	Left		0.332	0.033	0.032	0.025	0.365	0.364	0.357	
	Right		0.136	0.121	0.098	0.090	0.257	0.234	0.226	
	Top		0.003	0.057	0.037	0.041	0.060	0.040	0.044	
	Bottom		0.656	0.003	0.002	0.002	0.659	0.658	0.658	
	Front	50%RB	0.345	0.067	0.040	0.051	0.412	0.385	0.396	
	Back		0.354	0.083	0.057	0.063	0.437	0.411	0.417	
	Left		0.273	0.033	0.032	0.025	0.306	0.305	0.298	
	Right		0.109	0.121	0.098	0.090	0.230	0.207	0.199	
	Top		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Bottom		0.528	0.003	0.002	0.002	0.531	0.530	0.530	
LTE Band 4	Front	1RB	0.509	0.067	0.040	0.051	0.576	0.549	0.560	
	Back		0.546	0.083	0.057	0.063	0.629	0.603	0.609	
	Left		0.410	0.033	0.032	0.025	0.443	0.442	0.435	
	Right		0.174	0.121	0.098	0.090	0.295	0.272	0.264	
	Top		0.004	0.057	0.037	0.041	0.061	0.041	0.045	
	Bottom		0.821	0.003	0.002	0.002	0.824	0.823	0.823	
	Front	50%RB	0.622	0.003	0.002	0.002	0.625	0.624	0.624	
	Back		0.416	0.067	0.040	0.051	0.483	0.456	0.467	
	Left		0.441	0.083	0.057	0.063	0.524	0.498	0.504	
	Right		0.321	0.033	0.032	0.025	0.354	0.353	0.346	
	Top		0.137	0.121	0.098	0.090	0.258	0.235	0.227	
	Bottom		0.003	0.057	0.037	0.041	0.060	0.040	0.044	
LTE Band 5	Front	1RB	0.653	0.003	0.002	0.002	0.656	0.655	0.655	
	Back		0.310	0.067	0.040	0.051	0.377	0.350	0.361	
	Left		0.364	0.083	0.057	0.063	0.447	0.421	0.427	
	Right		0.129	0.033	0.032	0.025	0.162	0.161	0.154	
	Top		0.193	0.121	0.098	0.090	0.314	0.291	0.283	
	Bottom		0.030	0.057	0.037	0.041	0.087	0.067	0.071	
	Front	50%RB	0.255	0.003	0.002	0.002	0.258	0.257	0.257	
	Back		0.289	0.067	0.040	0.051	0.356	0.329	0.340	
	Left		0.329	0.083	0.057	0.063	0.412	0.386	0.392	
	Right		0.121	0.033	0.032	0.025	0.154	0.153	0.146	
	Top		0.170	0.121	0.098	0.090	0.291	0.268	0.260	
	Bottom		0.028	0.057	0.037	0.041	0.085	0.065	0.069	
LTE Band 7	Front	1RB	0.237	0.003	0.002	0.002	0.240	0.239	0.239	
	Back		0.401	0.067	0.040	0.051	0.468	0.441	0.452	
	Left		0.433	0.083	0.057	0.063	0.516	0.490	0.496	
	Right		0.269	0.033	0.032	0.025	0.302	0.301	0.294	
	Top		0.142	0.121	0.098	0.090	0.263	0.240	0.232	
	Bottom		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Front	50%RB	0.632	0.003	0.002	0.002	0.635	0.634	0.634	
	Back		0.372	0.067	0.040	0.051	0.439	0.412	0.423	
	Left		0.389	0.083	0.057	0.063	0.472	0.446	0.452	
	Right		0.253	0.033	0.032	0.025	0.286	0.285	0.278	
	Top		0.137	0.121	0.098	0.090	0.258	0.235	0.227	
	Bottom		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
LTE Band 12	Front	1RB	0.576	0.003	0.002	0.002	0.579	0.578	0.578	
	Back		0.110	0.067	0.040	0.051	0.177	0.150	0.161	
	Left		0.121	0.083	0.057	0.063	0.204	0.178	0.184	
	Right		0.016	0.033	0.032	0.025	0.049	0.048	0.041	
	Top		0.035	0.121	0.098	0.090	0.156	0.133	0.125	
	Bottom		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Front	50%RB	0.060	0.003	0.002	0.002	0.063	0.062	0.062	
	Back		0.099	0.067	0.040	0.051	0.166	0.139	0.150	
	Left		0.103	0.083	0.057	0.063	0.186	0.160	0.166	
	Right		0.014	0.033	0.032	0.025	0.047	0.046	0.039	
	Top		0.030	0.121	0.098	0.090	0.151	0.128	0.120	
	Bottom		0.002	0.057	0.037	0.041	0.059	0.039	0.043	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
LTE Band 17	Front	1RB	0.128	0.067	0.040	0.051	0.195	0.168	0.179	1.6
	Back		0.148	0.083	0.057	0.063	0.231	0.205	0.211	
	Left		0.054	0.033	0.032	0.025	0.087	0.086	0.079	
	Right		0.078	0.121	0.098	0.090	0.199	0.176	0.168	
	Top		0.013	0.057	0.037	0.041	0.070	0.050	0.054	
	Bottom		0.108	0.003	0.002	0.002	0.111	0.110	0.110	
	Front	50%RB	0.112	0.067	0.040	0.051	0.179	0.152	0.163	
	Back		0.120	0.083	0.057	0.063	0.203	0.177	0.183	
	Left		0.046	0.033	0.032	0.025	0.079	0.078	0.071	
	Right		0.063	0.121	0.098	0.090	0.184	0.161	0.153	
	Top		0.011	0.057	0.037	0.041	0.068	0.048	0.052	
LTE Band 38	Bottom		0.088	0.003	0.002	0.002	0.091	0.090	0.090	
	Front	1RB	0.248	0.067	0.040	0.051	0.315	0.288	0.299	
	Back		0.269	0.083	0.057	0.063	0.352	0.326	0.332	
	Left		0.168	0.033	0.032	0.025	0.201	0.200	0.193	
	Right		0.090	0.121	0.098	0.090	0.211	0.188	0.180	
	Top		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Bottom		0.381	0.003	0.002	0.002	0.384	0.383	0.383	
	Front	50%RB	0.211	0.067	0.040	0.051	0.278	0.251	0.262	
	Back		0.224	0.083	0.057	0.063	0.307	0.281	0.287	
	Left		0.140	0.033	0.032	0.025	0.173	0.172	0.165	
	Right		0.078	0.121	0.098	0.090	0.199	0.176	0.168	
	Top		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
LTE Band 41	Bottom		0.314	0.003	0.002	0.002	0.317	0.316	0.316	
	Front	1RB	0.325	0.067	0.040	0.051	0.392	0.365	0.376	
	Back		0.357	0.083	0.057	0.063	0.440	0.414	0.420	
	Left		0.219	0.033	0.032	0.025	0.252	0.251	0.244	
	Right		0.117	0.121	0.098	0.090	0.238	0.215	0.207	
	Top		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Bottom		0.509	0.003	0.002	0.002	0.512	0.511	0.511	
	Front	50%RB	0.293	0.067	0.040	0.051	0.360	0.333	0.344	
	Back		0.330	0.083	0.057	0.063	0.413	0.387	0.393	
	Left		0.194	0.033	0.032	0.025	0.227	0.226	0.219	
	Right		0.103	0.121	0.098	0.090	0.224	0.201	0.193	
	Top		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
LTE Band 42	Bottom		0.470	0.003	0.002	0.002	0.473	0.472	0.472	
	Front	1RB	0.032	0.067	0.040	0.051	0.099	0.072	0.083	
	Back		0.037	0.083	0.057	0.063	0.120	0.094	0.100	
	Left		0.008	0.033	0.032	0.025	0.041	0.040	0.033	
	Right		0.022	0.121	0.098	0.090	0.143	0.120	0.112	
	Top		0.067	0.057	0.037	0.041	0.124	0.104	0.108	
	Bottom		0.004	0.003	0.002	0.002	0.007	0.006	0.006	
	Front	50%RB	0.027	0.067	0.040	0.051	0.094	0.067	0.078	
	Back		0.030	0.083	0.057	0.063	0.113	0.087	0.093	
	Left		0.003	0.033	0.032	0.025	0.036	0.035	0.028	
	Right		0.019	0.121	0.098	0.090	0.140	0.117	0.109	
	Top		0.063	0.057	0.037	0.041	0.120	0.100	0.104	
LTE Band 42	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
	Front	1RB	0.044	0.067	0.040	0.051	0.111	0.084	0.095	
	Back		0.050	0.083	0.057	0.063	0.133	0.107	0.113	
	Left		0.011	0.033	0.032	0.025	0.044	0.043	0.036	
	Right		0.033	0.121	0.098	0.090	0.154	0.131	0.123	
	Top		0.095	0.057	0.037	0.041	0.152	0.132	0.136	
	Bottom		0.007	0.003	0.002	0.002	0.010	0.009	0.009	
	Front	50%RB	0.035	0.067	0.040	0.051	0.102	0.075	0.086	
	Back		0.041	0.083	0.057	0.063	0.124	0.098	0.104	
	Left		0.009	0.033	0.032	0.025	0.042	0.041	0.034	
	Right		0.027	0.121	0.098	0.090	0.148	0.125	0.117	
	Top		0.079	0.057	0.037	0.041	0.136	0.116	0.120	
LTE Band 42	Bottom		0.005	0.003	0.002	0.002	0.008	0.007	0.007	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
LTE Band 66	Front	1RB	0.584	0.067	0.040	0.051	0.651	0.624	0.635	1.6
	Back		0.648	0.083	0.057	0.063	0.731	0.705	0.711	
	Left		0.451	0.033	0.032	0.025	0.484	0.483	0.476	
	Right		0.201	0.121	0.098	0.090	0.322	0.299	0.291	
	Top		0.003	0.057	0.037	0.041	0.060	0.040	0.044	
	Bottom		0.982	0.003	0.002	0.002	0.985	0.984	0.984	
	Front	50%RB	0.964	0.003	0.002	0.002	0.967	0.966	0.966	
	Back		0.567	0.067	0.040	0.051	0.634	0.607	0.618	
	Left		0.624	0.083	0.057	0.063	0.707	0.681	0.687	
	Right		0.421	0.033	0.032	0.025	0.454	0.453	0.446	
	Top		0.183	0.121	0.098	0.090	0.304	0.281	0.273	
	Bottom		0.003	0.057	0.037	0.041	0.060	0.040	0.044	
N5	Front	1RB	0.939	0.003	0.002	0.002	0.942	0.941	0.941	
	Back		0.257	0.067	0.040	0.051	0.324	0.297	0.308	
	Left		0.291	0.083	0.057	0.063	0.374	0.348	0.354	
	Right		0.103	0.033	0.032	0.025	0.136	0.135	0.128	
	Top		0.159	0.121	0.098	0.090	0.280	0.257	0.249	
	Bottom		0.025	0.057	0.037	0.041	0.082	0.062	0.066	
	Front	50%RB	0.217	0.003	0.002	0.002	0.220	0.219	0.219	
	Back		0.220	0.067	0.040	0.051	0.287	0.260	0.271	
	Left		0.242	0.083	0.057	0.063	0.325	0.299	0.305	
	Right		0.089	0.033	0.032	0.025	0.122	0.121	0.114	
	Top		0.128	0.121	0.098	0.090	0.249	0.226	0.218	
	Bottom		0.020	0.057	0.037	0.041	0.077	0.057	0.061	
N7	Front	1RB	0.189	0.003	0.002	0.002	0.192	0.191	0.191	
	Back		0.485	0.067	0.040	0.051	0.552	0.525	0.536	
	Left		0.547	0.083	0.057	0.063	0.630	0.604	0.610	
	Right		0.339	0.033	0.032	0.025	0.372	0.371	0.364	
	Top		0.173	0.121	0.098	0.090	0.294	0.271	0.263	
	Bottom		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Front	50%RB	0.782	0.003	0.002	0.002	0.785	0.784	0.784	
	Back		0.421	0.067	0.040	0.051	0.488	0.461	0.472	
	Left		0.443	0.083	0.057	0.063	0.526	0.500	0.506	
	Right		0.279	0.033	0.032	0.025	0.312	0.311	0.304	
	Top		0.151	0.121	0.098	0.090	0.272	0.249	0.241	
	Bottom		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
N12	Front	1RB	0.679	0.003	0.002	0.002	0.682	0.681	0.681	
	Back		0.137	0.067	0.040	0.051	0.204	0.177	0.188	
	Left		0.154	0.083	0.057	0.063	0.237	0.211	0.217	
	Right		0.021	0.033	0.032	0.025	0.054	0.053	0.046	
	Top		0.045	0.121	0.098	0.090	0.166	0.143	0.135	
	Bottom		0.003	0.057	0.037	0.041	0.060	0.040	0.044	
	Front	50%RB	0.077	0.003	0.002	0.002	0.080	0.079	0.079	
	Back		0.113	0.067	0.040	0.051	0.180	0.153	0.164	
	Left		0.127	0.083	0.057	0.063	0.210	0.184	0.190	
	Right		0.017	0.033	0.032	0.025	0.050	0.049	0.042	
	Top		0.039	0.121	0.098	0.090	0.160	0.137	0.129	
	Bottom		0.003	0.057	0.037	0.041	0.060	0.040	0.044	
N38	Front	1RB	0.063	0.003	0.002	0.002	0.066	0.065	0.065	
	Back		0.172	0.067	0.040	0.051	0.239	0.212	0.223	
	Left		0.193	0.083	0.057	0.063	0.276	0.250	0.256	
	Right		0.116	0.033	0.032	0.025	0.149	0.148	0.141	
	Top		0.064	0.121	0.098	0.090	0.185	0.162	0.154	
	Bottom		0.001	0.057	0.037	0.041	0.058	0.038	0.042	
	Front	50%RB	0.267	0.003	0.002	0.002	0.270	0.269	0.269	
	Back		0.150	0.067	0.040	0.051	0.217	0.190	0.201	
	Left		0.168	0.083	0.057	0.063	0.251	0.225	0.231	
	Right		0.098	0.033	0.032	0.025	0.131	0.130	0.123	
	Top		0.053	0.121	0.098	0.090	0.174	0.151	0.143	
	Bottom		0.001	0.057	0.037	0.041	0.058	0.038	0.042	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
N41	Front	1RB	0.150	0.067	0.040	0.051	0.217	0.190	0.201	1.6
	Back		0.156	0.083	0.057	0.063	0.239	0.213	0.219	
	Left		0.101	0.033	0.032	0.025	0.134	0.133	0.126	
	Right		0.053	0.121	0.098	0.090	0.174	0.151	0.143	
	Top		0.001	0.057	0.037	0.041	0.058	0.038	0.042	
	Bottom		0.227	0.003	0.002	0.002	0.230	0.229	0.229	
	Front	50%RB	0.149	0.067	0.040	0.051	0.216	0.189	0.200	
	Back		0.153	0.083	0.057	0.063	0.236	0.210	0.216	
	Left		0.104	0.033	0.032	0.025	0.137	0.136	0.129	
	Right		0.052	0.121	0.098	0.090	0.173	0.150	0.142	
	Top		0.001	0.057	0.037	0.041	0.058	0.038	0.042	
	Bottom		0.227	0.003	0.002	0.002	0.230	0.229	0.229	
N66	Front	1RB	0.182	0.067	0.040	0.051	0.249	0.222	0.233	
	Back		0.189	0.083	0.057	0.063	0.272	0.246	0.252	
	Left		0.126	0.033	0.032	0.025	0.159	0.158	0.151	
	Right		0.036	0.121	0.098	0.090	0.157	0.134	0.126	
	Top		0.009	0.057	0.037	0.041	0.066	0.046	0.050	
	Bottom		0.474	0.003	0.002	0.002	0.477	0.476	0.476	
	Front	50%RB	0.148	0.067	0.040	0.051	0.215	0.188	0.199	
	Back		0.158	0.083	0.057	0.063	0.241	0.215	0.221	
	Left		0.109	0.033	0.032	0.025	0.142	0.141	0.134	
	Right		0.030	0.121	0.098	0.090	0.151	0.128	0.120	
	Top		0.007	0.057	0.037	0.041	0.064	0.044	0.048	
	Bottom		0.345	0.003	0.002	0.002	0.348	0.347	0.347	
N71	Front	1RB	0.177	0.067	0.040	0.051	0.244	0.217	0.228	
	Back		0.199	0.083	0.057	0.063	0.282	0.256	0.262	
	Left		0.030	0.033	0.032	0.025	0.063	0.062	0.055	
	Right		0.064	0.121	0.098	0.090	0.185	0.162	0.154	
	Top		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Bottom		0.112	0.003	0.002	0.002	0.115	0.114	0.114	
	Front	50%RB	0.152	0.067	0.040	0.051	0.219	0.192	0.203	
	Back		0.173	0.083	0.057	0.063	0.256	0.230	0.236	
	Left		0.027	0.033	0.032	0.025	0.060	0.059	0.052	
	Right		0.060	0.121	0.098	0.090	0.181	0.158	0.150	
	Top		0.002	0.057	0.037	0.041	0.059	0.039	0.043	
	Bottom		0.096	0.003	0.002	0.002	0.099	0.098	0.098	
N77	Front	1RB	0.020	0.067	0.040	0.051	0.087	0.060	0.071	
	Back		0.022	0.083	0.057	0.063	0.105	0.079	0.085	
	Left		0.007	0.033	0.032	0.025	0.040	0.039	0.032	
	Right		0.013	0.121	0.098	0.090	0.134	0.111	0.103	
	Top		0.042	0.057	0.037	0.041	0.099	0.079	0.083	
	Bottom		0.003	0.003	0.002	0.002	0.006	0.005	0.005	
	Front	50%RB	0.016	0.067	0.040	0.051	0.083	0.056	0.067	
	Back		0.018	0.083	0.057	0.063	0.101	0.075	0.081	
	Left		0.006	0.033	0.032	0.025	0.039	0.038	0.031	
	Right		0.011	0.121	0.098	0.090	0.132	0.109	0.101	
	Top		0.033	0.057	0.037	0.041	0.090	0.070	0.074	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
N77	Front	1RB	0.022	0.067	0.040	0.051	0.089	0.062	0.073	
	Back		0.026	0.083	0.057	0.063	0.109	0.083	0.089	
	Left		0.007	0.033	0.032	0.025	0.040	0.039	0.032	
	Right		0.016	0.121	0.098	0.090	0.137	0.114	0.106	
	Top		0.050	0.057	0.037	0.041	0.107	0.087	0.091	
	Bottom		0.003	0.003	0.002	0.002	0.006	0.005	0.005	
	Front	50%RB	0.018	0.067	0.040	0.051	0.085	0.058	0.069	
	Back		0.021	0.083	0.057	0.063	0.104	0.078	0.084	
	Left		0.006	0.033	0.032	0.025	0.039	0.038	0.031	
	Right		0.013	0.121	0.098	0.090	0.134	0.111	0.103	
	Top		0.040	0.057	0.037	0.041	0.097	0.077	0.081	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
N77	Front	1RB	0.028	0.067	0.040	0.051	0.095	0.068	0.079	1.6
	Back		0.030	0.083	0.057	0.063	0.113	0.087	0.093	
	Left		0.008	0.033	0.032	0.025	0.041	0.040	0.033	
	Right		0.017	0.121	0.098	0.090	0.138	0.115	0.107	
	Top		0.057	0.057	0.037	0.041	0.114	0.094	0.098	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
	Front	50%RB	0.023	0.067	0.040	0.051	0.090	0.063	0.074	
	Back		0.024	0.083	0.057	0.063	0.107	0.081	0.087	
	Left		0.006	0.033	0.032	0.025	0.039	0.038	0.031	
	Right		0.014	0.121	0.098	0.090	0.135	0.112	0.104	
	Top		0.045	0.057	0.037	0.041	0.102	0.082	0.086	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
N78	Front	1RB	0.022	0.067	0.040	0.051	0.089	0.062	0.073	
	Back		0.024	0.083	0.057	0.063	0.107	0.081	0.087	
	Left		0.006	0.033	0.032	0.025	0.039	0.038	0.031	
	Right		0.014	0.121	0.098	0.090	0.135	0.112	0.104	
	Top		0.045	0.057	0.037	0.041	0.102	0.082	0.086	
	Bottom		0.003	0.003	0.002	0.002	0.006	0.005	0.005	
	Front	50%RB	0.017	0.067	0.040	0.051	0.084	0.057	0.068	
	Back		0.019	0.083	0.057	0.063	0.102	0.076	0.082	
	Left		0.005	0.033	0.032	0.025	0.038	0.037	0.030	
	Right		0.011	0.121	0.098	0.090	0.132	0.109	0.101	
	Top		0.037	0.057	0.037	0.041	0.094	0.074	0.078	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
N78	Front	1RB	0.016	0.067	0.040	0.051	0.083	0.056	0.067	
	Back		0.018	0.083	0.057	0.063	0.101	0.075	0.081	
	Left		0.006	0.033	0.032	0.025	0.039	0.038	0.031	
	Right		0.014	0.121	0.098	0.090	0.135	0.112	0.104	
	Top		0.047	0.057	0.037	0.041	0.104	0.084	0.088	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
	Front	50%RB	0.012	0.067	0.040	0.051	0.079	0.052	0.063	
	Back		0.015	0.083	0.057	0.063	0.098	0.072	0.078	
	Left		0.005	0.033	0.032	0.025	0.038	0.037	0.030	
	Right		0.010	0.121	0.098	0.090	0.131	0.108	0.100	
	Top		0.037	0.057	0.037	0.041	0.094	0.074	0.078	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
N78	Front	1RB	0.017	0.067	0.040	0.051	0.084	0.057	0.068	
	Back		0.020	0.083	0.057	0.063	0.103	0.077	0.083	
	Left		0.008	0.033	0.032	0.025	0.041	0.040	0.033	
	Right		0.016	0.121	0.098	0.090	0.137	0.114	0.106	
	Top		0.053	0.057	0.037	0.041	0.110	0.090	0.094	
	Bottom		0.003	0.003	0.002	0.002	0.006	0.005	0.005	
	Front	50%RB	0.014	0.067	0.040	0.051	0.081	0.054	0.065	
	Back		0.017	0.083	0.057	0.063	0.100	0.074	0.080	
	Left		0.007	0.033	0.032	0.025	0.040	0.039	0.032	
	Right		0.013	0.121	0.098	0.090	0.134	0.111	0.103	
	Top		0.042	0.057	0.037	0.041	0.099	0.079	0.083	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	
2-n7	Front	1RB	0.064	0.067	0.040	0.051	0.131	0.104	0.115	
	Back		0.083	0.083	0.057	0.063	0.166	0.140	0.146	
	Left		0.042	0.033	0.032	0.025	0.075	0.074	0.067	
	Right		0.029	0.121	0.098	0.090	0.150	0.127	0.119	
	Top		0.038	0.057	0.037	0.041	0.095	0.075	0.079	
	Bottom		0.015	0.003	0.002	0.002	0.018	0.017	0.017	
	Front	50%RB	0.060	0.067	0.040	0.051	0.127	0.100	0.111	
	Back		0.071	0.083	0.057	0.063	0.154	0.128	0.134	
	Left		0.036	0.033	0.032	0.025	0.069	0.068	0.061	
	Right		0.025	0.121	0.098	0.090	0.146	0.123	0.115	
	Top		0.032	0.057	0.037	0.041	0.089	0.069	0.073	
	Bottom		0.013	0.003	0.002	0.002	0.016	0.015	0.015	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
2-n66	Front	1RB	0.046	0.067	0.040	0.051	0.113	0.086	0.097	1.6
	Back		0.068	0.083	0.057	0.063	0.151	0.125	0.131	
	Left		0.035	0.033	0.032	0.025	0.068	0.067	0.060	
	Right		0.021	0.121	0.098	0.090	0.142	0.119	0.111	
	Top		0.028	0.057	0.037	0.041	0.085	0.065	0.069	
	Bottom		0.011	0.003	0.002	0.002	0.014	0.013	0.013	
	Front	50%RB	0.037	0.067	0.040	0.051	0.104	0.077	0.088	
	Back		0.056	0.083	0.057	0.063	0.139	0.113	0.119	
	Left		0.028	0.033	0.032	0.025	0.061	0.060	0.053	
	Right		0.016	0.121	0.098	0.090	0.137	0.114	0.106	
	Top		0.023	0.057	0.037	0.041	0.080	0.060	0.064	
2-n78	Bottom		0.009	0.003	0.002	0.002	0.012	0.011	0.011	
	Front	1RB	0.018	0.067	0.040	0.051	0.085	0.058	0.069	
	Back		0.024	0.083	0.057	0.063	0.107	0.081	0.087	
	Left		0.012	0.033	0.032	0.025	0.045	0.044	0.037	
	Right		0.010	0.121	0.098	0.090	0.131	0.108	0.100	
	Top		0.008	0.057	0.037	0.041	0.065	0.045	0.049	
	Bottom		0.005	0.003	0.002	0.002	0.008	0.007	0.007	
	Front	50%RB	0.016	0.067	0.040	0.051	0.083	0.056	0.067	
	Back		0.021	0.083	0.057	0.063	0.104	0.078	0.084	
	Left		0.010	0.033	0.032	0.025	0.043	0.042	0.035	
	Right		0.008	0.121	0.098	0.090	0.129	0.106	0.098	
	Top		0.007	0.057	0.037	0.041	0.064	0.044	0.048	
4-n7	Bottom		0.004	0.003	0.002	0.002	0.007	0.006	0.006	
	Front	1RB	0.064	0.067	0.040	0.051	0.131	0.104	0.115	
	Back		0.087	0.083	0.057	0.063	0.170	0.144	0.150	
	Left		0.041	0.033	0.032	0.025	0.074	0.073	0.066	
	Right		0.025	0.121	0.098	0.090	0.146	0.123	0.115	
	Top		0.036	0.057	0.037	0.041	0.093	0.073	0.077	
	Bottom		0.015	0.003	0.002	0.002	0.018	0.017	0.017	
	Front	50%RB	0.045	0.067	0.040	0.051	0.112	0.085	0.096	
	Back		0.061	0.083	0.057	0.063	0.144	0.118	0.124	
	Left		0.029	0.033	0.032	0.025	0.062	0.061	0.054	
	Right		0.017	0.121	0.098	0.090	0.138	0.115	0.107	
	Top		0.025	0.057	0.037	0.041	0.082	0.062	0.066	
4-n41	Bottom		0.014	0.003	0.002	0.002	0.017	0.016	0.016	
	Front	1RB	0.055	0.067	0.040	0.051	0.122	0.095	0.106	
	Back		0.071	0.083	0.057	0.063	0.154	0.128	0.134	
	Left		0.044	0.033	0.032	0.025	0.077	0.076	0.069	
	Right		0.037	0.121	0.098	0.090	0.158	0.135	0.127	
	Top		0.027	0.057	0.037	0.041	0.084	0.064	0.068	
	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
	Front	50%RB	0.055	0.067	0.040	0.051	0.122	0.095	0.106	
	Back		0.072	0.083	0.057	0.063	0.155	0.129	0.135	
	Left		0.058	0.033	0.032	0.025	0.091	0.090	0.083	
	Right		0.023	0.121	0.098	0.090	0.144	0.121	0.113	
	Top		0.053	0.057	0.037	0.041	0.110	0.090	0.094	
4-n78	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
	Front	1RB	0.115	0.067	0.040	0.051	0.182	0.155	0.166	
	Back		0.117	0.083	0.057	0.063	0.200	0.174	0.180	
	Left		0.102	0.033	0.032	0.025	0.135	0.134	0.127	
	Right		0.067	0.121	0.098	0.090	0.188	0.165	0.157	
	Top		0.091	0.057	0.037	0.041	0.148	0.128	0.132	
	Bottom		0.009	0.003	0.002	0.002	0.012	0.011	0.011	
	Front	50%RB	0.085	0.067	0.040	0.051	0.152	0.125	0.136	
	Back		0.086	0.083	0.057	0.063	0.169	0.143	0.149	
	Left		0.075	0.033	0.032	0.025	0.108	0.107	0.100	
	Right		0.050	0.121	0.098	0.090	0.171	0.148	0.140	
	Top		0.067	0.057	0.037	0.041	0.124	0.104	0.108	
	Bottom		0.006	0.003	0.002	0.002	0.009	0.008	0.008	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
5-n7	Front	1RB	0.166	0.067	0.040	0.051	0.233	0.206	0.217	1.6
	Back		0.180	0.083	0.057	0.063	0.263	0.237	0.243	
	Left		0.156	0.033	0.032	0.025	0.189	0.188	0.181	
	Right		0.122	0.121	0.098	0.090	0.243	0.220	0.212	
	Top		0.155	0.057	0.037	0.041	0.212	0.192	0.196	
	Bottom		0.011	0.003	0.002	0.002	0.014	0.013	0.013	
	Front	50%RB	0.107	0.067	0.040	0.051	0.174	0.147	0.158	
	Back		0.116	0.083	0.057	0.063	0.199	0.173	0.179	
	Left		0.105	0.033	0.032	0.025	0.138	0.137	0.130	
	Right		0.079	0.121	0.098	0.090	0.200	0.177	0.169	
	Top		0.122	0.057	0.037	0.041	0.179	0.159	0.163	
	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
5-n38	Front	1RB	0.123	0.067	0.040	0.051	0.190	0.163	0.174	
	Back		0.130	0.083	0.057	0.063	0.213	0.187	0.193	
	Left		0.106	0.033	0.032	0.025	0.139	0.138	0.131	
	Right		0.073	0.121	0.098	0.090	0.194	0.171	0.163	
	Top		0.095	0.057	0.037	0.041	0.152	0.132	0.136	
	Bottom		0.013	0.003	0.002	0.002	0.016	0.015	0.015	
	Front	50%RB	0.103	0.067	0.040	0.051	0.170	0.143	0.154	
	Back		0.106	0.083	0.057	0.063	0.189	0.163	0.169	
	Left		0.086	0.033	0.032	0.025	0.119	0.118	0.111	
	Right		0.059	0.121	0.098	0.090	0.180	0.157	0.149	
	Top		0.078	0.057	0.037	0.041	0.135	0.115	0.119	
	Bottom		0.010	0.003	0.002	0.002	0.013	0.012	0.012	
5-n41	Front	1RB	0.110	0.067	0.040	0.051	0.177	0.150	0.161	
	Back		0.119	0.083	0.057	0.063	0.202	0.176	0.182	
	Left		0.098	0.033	0.032	0.025	0.131	0.130	0.123	
	Right		0.066	0.121	0.098	0.090	0.187	0.164	0.156	
	Top		0.088	0.057	0.037	0.041	0.145	0.125	0.129	
	Bottom		0.009	0.003	0.002	0.002	0.012	0.011	0.011	
	Front	50%RB	0.096	0.067	0.040	0.051	0.163	0.136	0.147	
	Back		0.104	0.083	0.057	0.063	0.187	0.161	0.167	
	Left		0.086	0.033	0.032	0.025	0.119	0.118	0.111	
	Right		0.058	0.121	0.098	0.090	0.179	0.156	0.148	
	Top		0.077	0.057	0.037	0.041	0.134	0.114	0.118	
	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
5-n66	Front	1RB	0.056	0.067	0.040	0.051	0.123	0.096	0.107	
	Back		0.132	0.083	0.057	0.063	0.215	0.189	0.195	
	Left		0.046	0.033	0.032	0.025	0.079	0.078	0.071	
	Right		0.038	0.121	0.098	0.090	0.159	0.136	0.128	
	Top		0.028	0.057	0.037	0.041	0.085	0.065	0.069	
	Bottom		0.006	0.003	0.002	0.002	0.009	0.008	0.008	
	Front	50%RB	0.045	0.067	0.040	0.051	0.112	0.085	0.096	
	Back		0.106	0.083	0.057	0.063	0.189	0.163	0.169	
	Left		0.037	0.033	0.032	0.025	0.070	0.069	0.062	
	Right		0.030	0.121	0.098	0.090	0.151	0.128	0.120	
	Top		0.023	0.057	0.037	0.041	0.080	0.060	0.064	
	Bottom		0.004	0.003	0.002	0.002	0.007	0.006	0.006	
5-n77	Front	1RB	0.039	0.067	0.040	0.051	0.106	0.079	0.090	
	Back		0.055	0.083	0.057	0.063	0.138	0.112	0.118	
	Left		0.030	0.033	0.032	0.025	0.063	0.062	0.055	
	Right		0.021	0.121	0.098	0.090	0.142	0.119	0.111	
	Top		0.015	0.057	0.037	0.041	0.072	0.052	0.056	
	Bottom		0.004	0.003	0.002	0.002	0.007	0.006	0.006	
	Front	50%RB	0.032	0.067	0.040	0.051	0.099	0.072	0.083	
	Back		0.043	0.083	0.057	0.063	0.126	0.100	0.106	
	Left		0.026	0.033	0.032	0.025	0.059	0.058	0.051	
	Right		0.017	0.121	0.098	0.090	0.138	0.115	0.107	
	Top		0.010	0.057	0.037	0.041	0.067	0.047	0.051	
	Bottom		0.002	0.003	0.002	0.002	0.005	0.004	0.004	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
5-n78	Front	1RB	0.042	0.067	0.040	0.051	0.109	0.082	0.093	1.6
	Back		0.059	0.083	0.057	0.063	0.142	0.116	0.122	
	Left		0.033	0.033	0.032	0.025	0.066	0.065	0.058	
	Right		0.026	0.121	0.098	0.090	0.147	0.124	0.116	
	Top		0.021	0.057	0.037	0.041	0.078	0.058	0.062	
	Bottom	50%RB	0.006	0.003	0.002	0.002	0.009	0.008	0.008	
	Front		0.039	0.067	0.040	0.051	0.106	0.079	0.090	
	Back		0.053	0.083	0.057	0.063	0.136	0.110	0.116	
	Left		0.029	0.033	0.032	0.025	0.062	0.061	0.054	
	Right		0.023	0.121	0.098	0.090	0.144	0.121	0.113	
	Top		0.019	0.057	0.037	0.041	0.076	0.056	0.060	
	Bottom		0.004	0.003	0.002	0.002	0.007	0.006	0.006	
7-n7	Front	1RB	0.226	0.067	0.040	0.051	0.293	0.266	0.277	
	Back		0.245	0.083	0.057	0.063	0.328	0.302	0.308	
	Left		0.195	0.033	0.032	0.025	0.228	0.227	0.220	
	Right		0.159	0.121	0.098	0.090	0.280	0.257	0.249	
	Top		0.185	0.057	0.037	0.041	0.242	0.222	0.226	
	Bottom	50%RB	0.012	0.003	0.002	0.002	0.015	0.014	0.014	
	Front		0.177	0.067	0.040	0.051	0.244	0.217	0.228	
	Back		0.193	0.083	0.057	0.063	0.276	0.250	0.256	
	Left		0.153	0.033	0.032	0.025	0.186	0.185	0.178	
	Right		0.124	0.121	0.098	0.090	0.245	0.222	0.214	
	Top		0.145	0.057	0.037	0.041	0.202	0.182	0.186	
	Bottom		0.009	0.003	0.002	0.002	0.012	0.011	0.011	
7-n66	Front	1RB	0.139	0.067	0.040	0.051	0.206	0.179	0.190	
	Back		0.153	0.083	0.057	0.063	0.236	0.210	0.216	
	Left		0.117	0.033	0.032	0.025	0.150	0.149	0.142	
	Right		0.078	0.121	0.098	0.090	0.199	0.176	0.168	
	Top		0.102	0.057	0.037	0.041	0.159	0.139	0.143	
	Bottom	50%RB	0.009	0.003	0.002	0.002	0.012	0.011	0.011	
	Front		0.122	0.067	0.040	0.051	0.189	0.162	0.173	
	Back		0.134	0.083	0.057	0.063	0.217	0.191	0.197	
	Left		0.102	0.033	0.032	0.025	0.135	0.134	0.127	
	Right		0.069	0.121	0.098	0.090	0.190	0.167	0.159	
	Top		0.090	0.057	0.037	0.041	0.147	0.127	0.131	
	Bottom		0.007	0.003	0.002	0.002	0.010	0.009	0.009	
7-n77	Front	1RB	0.146	0.067	0.040	0.051	0.213	0.186	0.197	
	Back		0.160	0.083	0.057	0.063	0.243	0.217	0.223	
	Left		0.133	0.033	0.032	0.025	0.166	0.165	0.158	
	Right		0.075	0.121	0.098	0.090	0.196	0.173	0.165	
	Top		0.125	0.057	0.037	0.041	0.182	0.162	0.166	
	Bottom	50%RB	0.012	0.003	0.002	0.002	0.015	0.014	0.014	
	Front		0.126	0.067	0.040	0.051	0.193	0.166	0.177	
	Back		0.139	0.083	0.057	0.063	0.222	0.196	0.202	
	Left		0.114	0.033	0.032	0.025	0.147	0.146	0.139	
	Right		0.065	0.121	0.098	0.090	0.186	0.163	0.155	
	Top		0.108	0.057	0.037	0.041	0.165	0.145	0.149	
	Bottom		0.010	0.003	0.002	0.002	0.013	0.012	0.012	
7-n78	Front	1RB	0.022	0.067	0.040	0.051	0.089	0.062	0.073	
	Back		0.027	0.083	0.057	0.063	0.110	0.084	0.090	
	Left		0.018	0.033	0.032	0.025	0.051	0.050	0.043	
	Right		0.012	0.121	0.098	0.090	0.133	0.110	0.102	
	Top		0.016	0.057	0.037	0.041	0.073	0.053	0.057	
	Bottom	50%RB	0.009	0.003	0.002	0.002	0.012	0.011	0.011	
	Front		0.019	0.067	0.040	0.051	0.086	0.059	0.070	
	Back		0.023	0.083	0.057	0.063	0.106	0.080	0.086	
	Left		0.015	0.033	0.032	0.025	0.048	0.047	0.040	
	Right		0.011	0.121	0.098	0.090	0.132	0.109	0.101	
	Top		0.014	0.057	0.037	0.041	0.071	0.051	0.055	
	Bottom		0.007	0.003	0.002	0.002	0.010	0.009	0.009	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT 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)	BT SAR 1g(W/kg)				
38-n78	Front	1RB	0.070	0.067	0.040	0.051	0.137	0.110	0.121	1.6
	Back		0.088	0.083	0.057	0.063	0.171	0.145	0.151	
	Left		0.043	0.033	0.032	0.025	0.076	0.075	0.068	
	Right		0.038	0.121	0.098	0.090	0.159	0.136	0.128	
	Top		0.030	0.057	0.037	0.041	0.087	0.067	0.071	
	Bottom		0.006	0.003	0.002	0.002	0.009	0.008	0.008	
	Front	50%RB	0.062	0.067	0.040	0.051	0.129	0.102	0.113	
	Back		0.084	0.083	0.057	0.063	0.167	0.141	0.147	
	Left		0.037	0.033	0.032	0.025	0.070	0.069	0.062	
	Right		0.032	0.121	0.098	0.090	0.153	0.130	0.122	
	Top		0.022	0.057	0.037	0.041	0.079	0.059	0.063	
41-n41	Bottom		0.005	0.003	0.002	0.002	0.008	0.007	0.007	
	Front	1RB	0.051	0.067	0.040	0.051	0.118	0.091	0.102	
	Back		0.066	0.083	0.057	0.063	0.149	0.123	0.129	
	Left		0.041	0.033	0.032	0.025	0.074	0.073	0.066	
	Right		0.034	0.121	0.098	0.090	0.155	0.132	0.124	
	Top		0.025	0.057	0.037	0.041	0.082	0.062	0.066	
	Bottom		0.007	0.003	0.002	0.002	0.010	0.009	0.009	
	Front	50%RB	0.049	0.067	0.040	0.051	0.116	0.089	0.100	
	Back		0.055	0.083	0.057	0.063	0.138	0.112	0.118	
	Left		0.040	0.033	0.032	0.025	0.073	0.072	0.065	
	Right		0.033	0.121	0.098	0.090	0.154	0.131	0.123	
	Top		0.021	0.057	0.037	0.041	0.078	0.058	0.062	
41-n77	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
	Front	1RB	0.061	0.067	0.040	0.051	0.128	0.101	0.112	
	Back		0.080	0.083	0.057	0.063	0.163	0.137	0.143	
	Left		0.049	0.033	0.032	0.025	0.082	0.081	0.074	
	Right		0.041	0.121	0.098	0.090	0.162	0.139	0.131	
	Top		0.030	0.057	0.037	0.041	0.087	0.067	0.071	
	Bottom		0.006	0.003	0.002	0.002	0.009	0.008	0.008	
	Front	50%RB	0.054	0.067	0.040	0.051	0.121	0.094	0.105	
	Back		0.072	0.083	0.057	0.063	0.155	0.129	0.135	
	Left		0.044	0.033	0.032	0.025	0.077	0.076	0.069	
	Right		0.037	0.121	0.098	0.090	0.158	0.135	0.127	
	Top		0.028	0.057	0.037	0.041	0.085	0.065	0.069	
41-n78	Bottom		0.025	0.003	0.002	0.002	0.028	0.027	0.027	
	Front	1RB	0.068	0.067	0.040	0.051	0.135	0.108	0.119	
	Back		0.086	0.083	0.057	0.063	0.169	0.143	0.149	
	Left		0.042	0.033	0.032	0.025	0.075	0.074	0.067	
	Right		0.035	0.121	0.098	0.090	0.156	0.133	0.125	
	Top		0.028	0.057	0.037	0.041	0.085	0.065	0.069	
	Bottom		0.007	0.003	0.002	0.002	0.010	0.009	0.009	
	Front	50%RB	0.061	0.067	0.040	0.051	0.128	0.101	0.112	
	Back		0.078	0.083	0.057	0.063	0.161	0.135	0.141	
	Left		0.037	0.033	0.032	0.025	0.070	0.069	0.062	
	Right		0.030	0.121	0.098	0.090	0.151	0.128	0.120	
	Top		0.024	0.057	0.037	0.041	0.081	0.061	0.065	
66-n7	Bottom		0.005	0.003	0.002	0.002	0.008	0.007	0.007	
	Front	1RB	0.077	0.067	0.040	0.051	0.144	0.117	0.128	
	Back		0.097	0.083	0.057	0.063	0.180	0.154	0.160	
	Left		0.062	0.033	0.032	0.025	0.095	0.094	0.087	
	Right		0.053	0.121	0.098	0.090	0.174	0.151	0.143	
	Top		0.033	0.057	0.037	0.041	0.090	0.070	0.074	
	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
	Front	50%RB	0.072	0.067	0.040	0.051	0.139	0.112	0.123	
	Back		0.092	0.083	0.057	0.063	0.175	0.149	0.155	
	Left		0.054	0.033	0.032	0.025	0.087	0.086	0.079	
	Right		0.047	0.121	0.098	0.090	0.168	0.145	0.137	
	Top		0.028	0.057	0.037	0.041	0.085	0.065	0.069	
	Bottom		0.006	0.003	0.002	0.002	0.009	0.008	0.008	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G	WWAN+ WIFI5G	WWAN+ BT	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)	Σ SAR (W/kg)	Σ SAR (W/kg)	Σ SAR (W/kg)	
66-n38	Front	1RB	0.101	0.067	0.040	0.051	0.168	0.141	0.152	1.6
	Back		0.104	0.083	0.057	0.063	0.187	0.161	0.167	
	Left		0.068	0.033	0.032	0.025	0.101	0.100	0.093	
	Right		0.042	0.121	0.098	0.090	0.163	0.140	0.132	
	Top		0.039	0.057	0.037	0.041	0.096	0.076	0.080	
	Bottom		0.005	0.003	0.002	0.002	0.008	0.007	0.007	
	Front	50%RB	0.104	0.067	0.040	0.051	0.171	0.144	0.155	
	Back		0.090	0.083	0.057	0.063	0.173	0.147	0.153	
	Left		0.092	0.033	0.032	0.025	0.125	0.124	0.117	
	Right		0.060	0.121	0.098	0.090	0.181	0.158	0.150	
	Top		0.037	0.057	0.037	0.041	0.094	0.074	0.078	
	Bottom		0.034	0.003	0.002	0.002	0.037	0.036	0.036	
66-n38	Front	1RB	0.086	0.067	0.040	0.051	0.153	0.126	0.137	
	Back		0.106	0.083	0.057	0.063	0.189	0.163	0.169	
	Left		0.067	0.033	0.032	0.025	0.100	0.099	0.092	
	Right		0.053	0.121	0.098	0.090	0.174	0.151	0.143	
	Top		0.044	0.057	0.037	0.041	0.101	0.081	0.085	
	Bottom		0.007	0.003	0.002	0.002	0.010	0.009	0.009	
	Front	50%RB	0.077	0.067	0.040	0.051	0.144	0.117	0.128	
	Back		0.098	0.083	0.057	0.063	0.181	0.155	0.161	
	Left		0.057	0.033	0.032	0.025	0.090	0.089	0.082	
	Right		0.043	0.121	0.098	0.090	0.164	0.141	0.133	
	Top		0.038	0.057	0.037	0.041	0.095	0.075	0.079	
	Bottom		0.004	0.003	0.002	0.002	0.007	0.006	0.006	
66-n66	Front	1RB	0.079	0.067	0.040	0.051	0.146	0.119	0.130	
	Back		0.125	0.083	0.057	0.063	0.208	0.182	0.188	
	Left		0.050	0.033	0.032	0.025	0.083	0.082	0.075	
	Right		0.037	0.121	0.098	0.090	0.158	0.135	0.127	
	Top		0.031	0.057	0.037	0.041	0.088	0.068	0.072	
	Bottom		0.006	0.003	0.002	0.002	0.009	0.008	0.008	
	Front	50%RB	0.107	0.067	0.040	0.051	0.174	0.147	0.158	
	Back		0.116	0.083	0.057	0.063	0.199	0.173	0.179	
	Left		0.101	0.033	0.032	0.025	0.134	0.133	0.126	
	Right		0.063	0.121	0.098	0.090	0.184	0.161	0.153	
	Top		0.081	0.057	0.037	0.041	0.138	0.118	0.122	
	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
66-n77	Front	1RB	0.093	0.067	0.040	0.051	0.160	0.133	0.144	
	Back		0.147	0.083	0.057	0.063	0.230	0.204	0.210	
	Left		0.059	0.033	0.032	0.025	0.092	0.091	0.084	
	Right		0.044	0.121	0.098	0.090	0.165	0.142	0.134	
	Top		0.036	0.057	0.037	0.041	0.093	0.073	0.077	
	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	0.010	
	Front	50%RB	0.083	0.067	0.040	0.051	0.150	0.123	0.134	
	Back		0.133	0.083	0.057	0.063	0.216	0.190	0.196	
	Left		0.055	0.033	0.032	0.025	0.088	0.087	0.080	
	Right		0.046	0.121	0.098	0.090	0.167	0.144	0.136	
	Top		0.032	0.057	0.037	0.041	0.089	0.069	0.073	
	Bottom		0.007	0.003	0.002	0.002	0.010	0.009	0.009	
66-n78	Front	1RB	0.193	0.067	0.040	0.051	0.260	0.233	0.244	
	Back		0.374	0.083	0.057	0.063	0.457	0.431	0.437	
	Left		0.122	0.033	0.032	0.025	0.155	0.154	0.147	
	Right		0.096	0.121	0.098	0.090	0.217	0.194	0.186	
	Top		0.059	0.057	0.037	0.041	0.116	0.096	0.100	
	Bottom		0.010	0.003	0.002	0.002	0.013	0.012	0.012	
	Front	50%RB	0.173	0.067	0.040	0.051	0.240	0.213	0.224	
	Back		0.350	0.083	0.057	0.063	0.433	0.407	0.413	
	Left		0.104	0.033	0.032	0.025	0.137	0.136	0.129	
	Right		0.084	0.121	0.098	0.090	0.205	0.182	0.174	
	Top		0.050	0.057	0.037	0.041	0.107	0.087	0.091	
	Bottom		0.008	0.003	0.002	0.002	0.011	0.010	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(ΔSAR)	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.	(c _i) (1g)	(c _i) (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	√3	1	1	±1.0%	±1.0%
LIN	Probe Linearity	±4.7%	R	√3	1	1	±2.7%	±2.7%
BBS	Broadband Signal	±2.6%	R	√3	1	1	±1.5%	±1.5%
ISO	Probe Isotropy	±7.6%	R	√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	√3	0.78	0.71	±1.5%	±1.4%
EPS	Phantom Permittivity	±14.0%	R	√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	√3	1	1	±1.4%	±1.4%
TAS	Time-average SAR	±1.7%	R	√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	√3	1	1	±0.0%	±0.0%
u(ΔSAR)	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	7951	2025-09-10	2026-09-09
☒	SPEAG	E-Field PROBE	EX3DV4	7895	2025-01-27	2026-01-26
☒	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	1921	2025-09-04	2026-09-03
☒	R & S	Universal Radio Communication Tester	CMU 200	119733	2025-11-27	2026-11-26
☒	R & S	Universal Radio Communication Tester	CMW500	144459	2025-11-27	2026-11-26
☒	R & S	UXM5G Wireless Test Platform	E7515B	MY60192341	2025-11-27	2026-11-26
☒	HP	Network Analyser	8753D	3410A08889	2025-11-27	2026-11-26
☒	HP	Signal Generator	E4421B	GB39340770	2025-11-27	2026-11-26
☒	Keithley	Multimeter	Keithley 2000	4014539	2025-11-27	2026-11-26
☒	SATIMO	Amplifier	Power Amplifier	MODU-023-A-0004	2025-11-27	2026-11-26
☒	Agilent	Power Meter	E4418B	GB43312909	2025-11-27	2026-11-26
☒	Agilent	Power Meter Sensor	E4412A	MY41500046	2025-11-27	2026-11-26

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.)