

FCC SAR Compliance Test Report

For

TECNO MOBILE LIMITED

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

FOTAN NT HONGKONG

Model: KN8s

Test Engineer: Xiao Bo

Report Number: WSCT-A2LA-R&E260800069A-SAR

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Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Release	09 October 2026	Li Huaibi

1 General information

1.1 Notes

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1.2 Application details

Date of receipt of test item: 2026-08-18

Start of test: 2026-08-18

End of test: 2026-09-30

1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for KN8s is as below:

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Head	0.306
GSM1900	Head	0.462
UMTS Band 2	Head	1.009
UMTS Band 4	Head	0.452
UMTS Band 5	Head	0.696
LTE Band 2	Head	1.140
LTE Band 4	Head	0.538
LTE Band 5	Head	0.994
LTE Band 7	Head	1.012
LTE Band 12	Head	0.830
LTE Band 13	Head	1.004
LTE Band 17	Head	0.724
LTE Band 38	Head	0.647
LTE Band 41	Head	0.675
LTE Band 42	Head	0.387
LTE Band 43	Head	0.221
LTE Band 43	Head	0.255
LTE Band 48	Head	0.269
LTE Band 66	Head	0.308
NR n5	Head	0.828
NR n7	Head	1.005
NR n12	Head	0.934
NR n38	Head	0.120
NR n41	Head	0.097
NR n48	Head	0.054
NR n66	Head	0.387
NR n77	Head	0.216
NR n77	Head	0.376
NR n77	Head	0.467
NR n78	Head	0.250
NR n78	Head	0.399
NR n78	Head	0.475
2-n7	Head	0.477
2-n66	Head	0.432
2-n78	Head	0.166
4-n7	Head	0.269
4-n38	Head	0.126
4-n41	Head	0.042
4-n78	Head	0.082
5-n7	Head	0.207
5-n38	Head	0.028
5-n41	Head	0.036

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
5-n66	Head	0.112
5-n77	Head	0.109
5-n78	Head	0.165
7-n7	Head	0.168
7-n66	Head	0.138
7-n77	Head	0.027
7-n78	Head	0.079
38-n78	Head	0.412
41-n41	Head	0.128
41-n77	Head	0.102
41-n78	Head	0.037
66-n7	Head	0.248
66-n38	Head	0.053
66-n41	Head	0.054
66-n66	Head	0.102
66-n77	Head	0.090
66-n78	Head	0.045
BT	Head	0.065
2.4GWIFI	Head	0.266
5GWIFI Band1	Head	0.144
5GWIFI Band2	Head	0.186
5GWIFI Band3	Head	0.288
5GWIFI Band4	Head	0.282

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Body & Hotspot 10mm	0.528
GSM1900	Body & Hotspot 10mm	0.192
UMTS Band 2	Body & Hotspot 10mm	0.202
UMTS Band 4	Body & Hotspot 10mm	0.066
UMTS Band 5	Body & Hotspot 10mm	0.086
LTE Band 2	Body & Hotspot 10mm	0.199
LTE Band 4	Body & Hotspot 10mm	0.080
LTE Band 5	Body & Hotspot 10mm	0.205
LTE Band 7	Body & Hotspot 10mm	0.223
LTE Band 12	Body & Hotspot 10mm	1.037
LTE Band 13	Body & Hotspot 10mm	0.156
LTE Band 17	Body & Hotspot 10mm	0.127
LTE Band 38	Body & Hotspot 10mm	0.160
LTE Band 41	Body & Hotspot 10mm	0.169
LTE Band 42	Body & Hotspot 10mm	0.264
LTE Band 43	Body & Hotspot 10mm	0.112
LTE Band 43	Body & Hotspot 10mm	0.111
LTE Band 48	Body & Hotspot 10mm	0.167
LTE Band 66	Body & Hotspot 10mm	0.049
NR n5	Body & Hotspot 10mm	0.119
NR n7	Body & Hotspot 10mm	0.213
NR n12	Body & Hotspot 10mm	0.143
NR n38	Body & Hotspot 10mm	0.032
NR n41	Body & Hotspot 10mm	0.033
NR n48	Body & Hotspot 10mm	0.017
NR n66	Body & Hotspot 10mm	0.061
NR n77	Body & Hotspot 10mm	0.174
NR n77	Body & Hotspot 10mm	0.252
NR n77	Body & Hotspot 10mm	0.323
NR n78	Body & Hotspot 10mm	0.234
NR n78	Body & Hotspot 10mm	0.277
NR n78	Body & Hotspot 10mm	0.337

Band	Position Test Points	MAX Reported SAR1g (W/kg)
2-n7	Body & Hotspot 10mm	0.188
2-n66	Body & Hotspot 10mm	0.170
2-n78	Body & Hotspot 10mm	0.050
4-n7	Body & Hotspot 10mm	0.163
4-n38	Body & Hotspot 10mm	0.037
4-n41	Body & Hotspot 10mm	0.160
4-n78	Body & Hotspot 10mm	0.046
5-n7	Body & Hotspot 10mm	0.120
5-n38	Body & Hotspot 10mm	0.071
5-n41	Body & Hotspot 10mm	0.059
5-n66	Body & Hotspot 10mm	0.039
5-n77	Body & Hotspot 10mm	0.067
5-n78	Body & Hotspot 10mm	0.047
7-n7	Body & Hotspot 10mm	0.121
7-n66	Body & Hotspot 10mm	0.109
7-n77	Body & Hotspot 10mm	0.074
7-n78	Body & Hotspot 10mm	0.070
38-n78	Body & Hotspot 10mm	0.051
41-n41	Body & Hotspot 10mm	0.074
41-n77	Body & Hotspot 10mm	0.051
41-n78	Body & Hotspot 10mm	0.053
66-n7	Body & Hotspot 10mm	0.064
66-n38	Body & Hotspot 10mm	0.059
66-n41	Body & Hotspot 10mm	0.058
66-n66	Body & Hotspot 10mm	0.073
66-n77	Body & Hotspot 10mm	0.054
66-n78	Body & Hotspot 10mm	0.059
BT	Body & Hotspot 10mm	0.023
2.4GWIFI	Body & Hotspot 10mm	0.104
5GWIFI Band1	Body & Hotspot 10mm	0.021
5GWIFI Band2	Body & Hotspot 10mm	0.016
5GWIFI Band3	Body & Hotspot 10mm	0.093
5GWIFI Band4	Body & Hotspot 10mm	0.236
Maximum Max. SAR Level(s) Measured: (Limit: 1.6W/Kg):	LTE Band 2	1.140 W/kg1gHeadTissue
	5G WIFI Band 3	0.288 W/kg1gHeadTissue
	LTE Band 12	1.037 W/kg1gBodyTissue
	5G WIFI Band 4	0.236 W/kg1gBodyTissue
The Head highest simultaneous SAR :		1.290 W/kg1gHeadTissue
The Body highest simultaneous SAR :		1.221 W/kg1gBodyTissue

The device is in compliance with Specific Absorption Rate (SAR) for general population/uncontraolled 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,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:	KN8s
Trade Name:	TECNO
Software version:	KN8s-16.3.0
Hardware version:	V1.0
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, PCS1900 WCDMA B2/ WCDMA B4/ WCDMA B5 LTE Band 2/4/5/7/12/13/17/38/41/42/43/66 NR Band 5/7/12/38/41/66/77/78 NSA(EN-DC): DC_2A_n7A, DC_2A_n66A, DC_2A_n78A; DC_4A_n7A, DC_4A_n38A, DC_4A_n41A, DC_4A_n78A; DC_5A_n7A, DC_5A_n38A, DC_5A_n41A, DC_5A_n66A, DC_5A_n77A, DC_5A_n78A; DC_7A_n7A, DC_7A_n66A, DC_7A_n77A, DC_7A_n78A; DC_38A_n78A; DC_41A_n41A, DC_41A_n77A, DC_41A_n78A; DC_66A_n7A, DC_66A_n38A, DC_66A_n41A, DC_66A_n66A, DC_66A_n77A, DC_66A_n78A;
Modulation:	GSM/GPRS: GMSK WCDMA: QPSK HSDPA/HSUPA: QPSK /16QAM LTE: QPSK/16QAM/64QAM NR: BPSK/ QPSK/16QAM/64QAM/256QAM GFSK, $\pi/4$ -DQPSK, 8-DPSK (BT) DSSS (DBPSK, DQPSK, CCK) for IEEE 802.11b IEEE 802.11g/n: OFDM (BPSK/QPSK/16QAM/64QAM) IEEE802.11a/n/ac: OFDM (BPSK/QPSK/16QAM/64QAM/25 6QAM)
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);

Operating Frequency Range(s)	LTE Band7: 2500-2570MHz (TX), 2620-2690MHz (RX); LTE Band12: 699-716MHz (TX), 729-746MHz (RX); LTE Band13: 777-787MHz (TX), 746-756MHz (RX); LTE Band17: 704-716MHz (TX), 734-746MHz (RX); 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 Band43: 3700-3800 MHz(TX), 3600-3800 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 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); Bluetooth: 2402-2480MHz (TX/RX) 2412MHz~2462MHz (802.11b/g/n/ax(HT20)) 2422MHz~2452MHz (802.11n/ax(HT40)) 5G WIFI Band 1: 5180-5250 MHz 5G WIFI Band 2: 5250-5320 MHz 5G WIFI Band 3: 5500-5700 MHz 5G WIFI Band 4: 5745-5825 MHz
Antenna gain:	GSM 850/WCDMA B5/LTE B5/NR N5:-6dbi PCS 1900:-3dbi WCDMA B2/LTE B2:-4dbi WCDMA B4/LTE B4/ LTE B66/NR N66:-3dbi LTE B7/ LTE B38/ LTE B41/ NR N7/ NR N38/ NR N41:-2dbi LTE B12/LTE B13/LTE B17/NR N12:-2dbi LTE B42/LTE B43:0dBi NR 77:-1dBi;NR 78:0dBi BT/WIFI 2.4G:-1dBi WIFI 5G:-1.50dBi

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/LTE B13/B17/NR N12: 3.00W(34.77dBm) LTE B42/LTE B43/NR 77/NR 78: 1.00W(30.00dBm)
Power Source:	Rechargeable Li-ion Polymer Battery: BL-60AT Nominal Voltage: 3.92V Rated Capacity:5990mAh/23.49Wh Typical Capacity:6150mAh/24.11Wh Limit Charge Voltage: 4.53V

Note: 1. N/A stand for no applicable.

2 The above-mentioned basic information such as antenna gain was provided by the applicant.

Configuration differences

Configuration	Model	SIM
1	KN8s	Dual card
2	KN8s	Single card

Note: The single and dual card configuration has no impact on the SAR test. This report adopts configuration 1 as the test model.

2 Testing laboratory

Test Site	World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.
Laboratory :	Building J-7F and Building D, Dongjiang Science & Technology Park, Tangjia Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong Province, China
TEL:	+86-755-23695561
FAX:	+86-755-86376605

3 ACCREDITATIONS

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

China	CNAS (Registration Number: L3732)
USA	A2LA (Certificate Number: 5768.01)
Canada	ISED(CAB identifier:CN0111)

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

4 Test Environment

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

5 Applicant and Manufacturer

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

6 Test standards:

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

6.1 RF exposure limits

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

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

Notes:

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

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

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

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

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

6.2 SAR Definition

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

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

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

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

where:

σ = conductivity of the tissue (S/m)

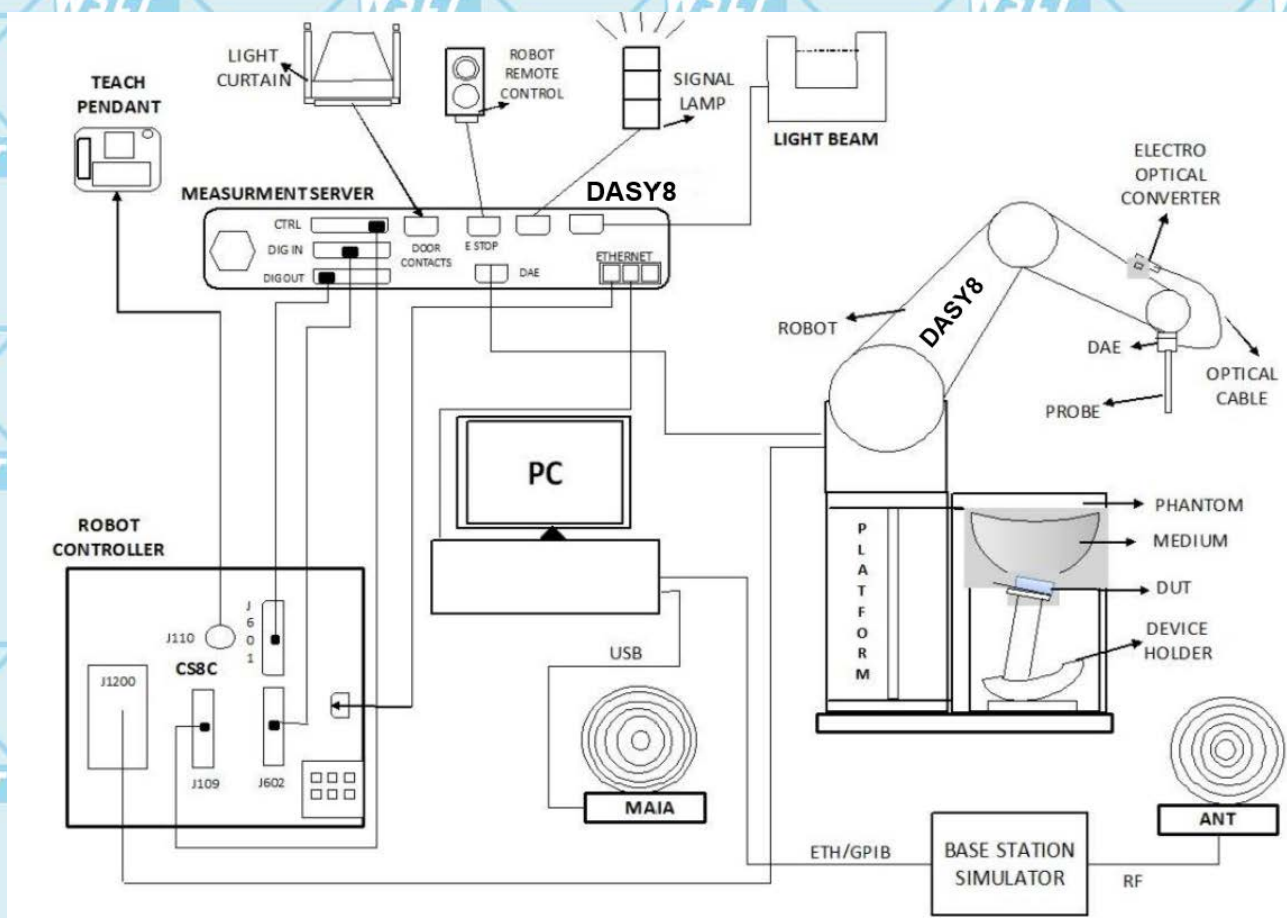
ρ = mass density of the tissue (kg/m³)

E = rms electric field strength (V/m)

7 SAR Measurement System

7.1 The Measurement System

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



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

7.2 Robot

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

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



7.3 Probe

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

For the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN:7951 with following specifications is used



Frequency: 4MHz – 10GHz ;

Linearity: ± 0.2 dB (30MHz – 10GHz)

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

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

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

± 0.3 dB in TSL (rotation normal to probe axis)

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

7.4 DAE

DAE4ip– Data Acquisition Electronics 4 with Integrated Power

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

Performance:

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



7.5 Phantom

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



Material	Vinyl ester, fiberglass reinforced (VE-GF)
Liquid Compatibility	The phantom shell is compatible with SPEAG's tissue-simulating liquids (sugar and oil-based). However, using other liquids may render the phantom warranty void (see note or consult SPEAG support).
Shell Thickness	$2 \pm 0.2\text{mm}$ ($6 \pm 0.2\text{mm}$ at ear point)
Dimensions (incl. Wooden Support)	Length: 1000 mm Width: 500 mm Height: adjustable feet
Filling Volume	approx. 25 liters
Support	DASY6/8: standard-size platform slot DASY52 stand-alone: SPEAG standard phantom table
Accessories	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	$\leq 1.5 \cdot \Delta z$ 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:

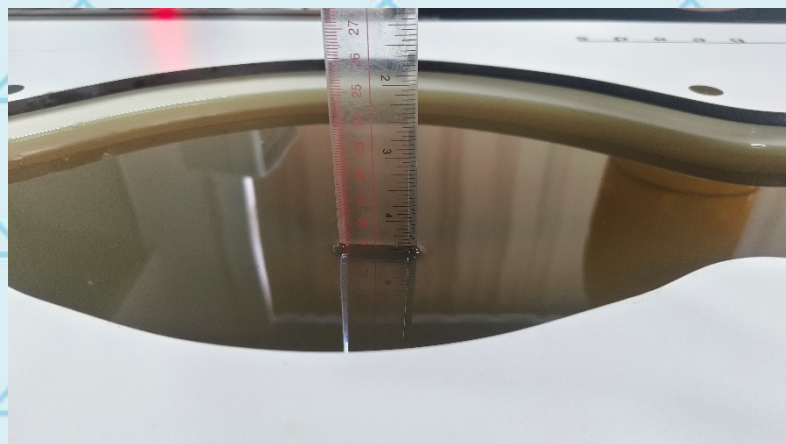
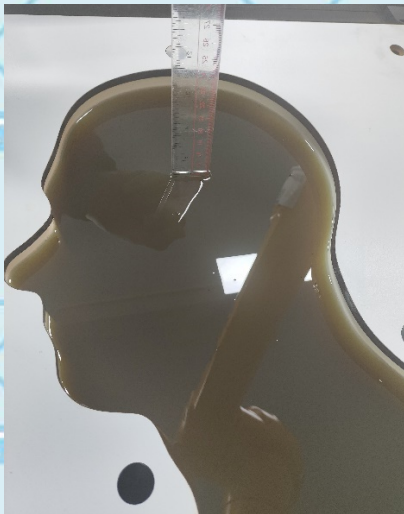
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan 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 of the dielectric parameter are within the tolerances of the specified target values. The measured conductivity and relative permittivity should be within $\pm 10\%$ 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

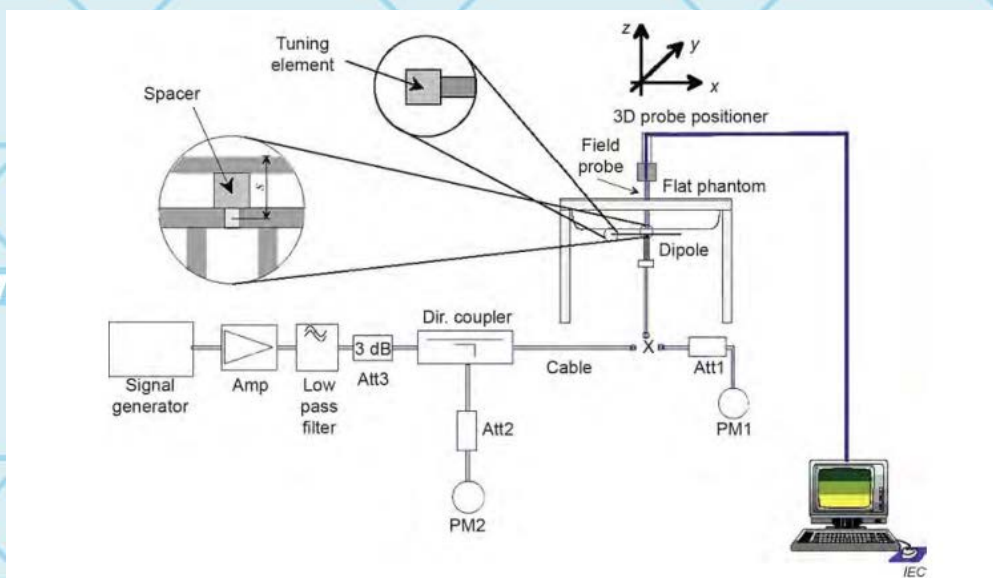
Used Target Frequency	Target Tissue		Measured Tissue		Liquid Temp.	Test Date
	ϵ_r (+/-10%)	σ (S/m) (+/-10%)	ϵ_r	σ (S/m)		
750MHz Head	41.90 (39.805~43.995)	0.89 (0.85~0.93)	43.90	0.885	21.6°C	2026-08-20
835MHz Head	41.50 (39.425~43.575)	0.90 (0.86~0.95)	41.60	0.914	21.6°C	2026-08-22
1750MHz Head	40.10 (38.10~42.10)	1.37 (1.31~1.43)	41.90	1.34	21.6°C	2026-08-25
1900MHz Head	40.00 (38.00~42.00)	1.40 (1.33~1.47)	41.70	1.44	21.6°C	2026-08-28
2450MHz Head	39.20 (37.24~41.16)	1.80 (1.71~1.89)	41.00	1.82	21.6°C	2026-08-31
2550MHz Head	39.10 (37.15~41.05)	1.91 (1.82~2.01)	40.80	1.90	21.6°C	2026-09-02
2600MHz Head	39.00 (37.05~40.95)	1.96 (1.86~2.05)	40.70	1.94	21.6°C	2026-09-04
3400MHz Head	38.00 (36.10~39.90)	2.81 (2.67~2.95)	39.30	2.63	21.6°C	2026-09-07
3500MHz Head	37.90 (36.01~39.79)	2.91 (2.77~3.05)	39.20	2.72	21.6°C	2026-09-08
3700MHz Head	37.70 (35.82~39.58)	3.12 (2.97~3.27)	38.90	2.90	21.6°C	2026-09-09
3900MHz Head	37.50 (35.63~39.37)	3.32 (2.97~3.27)	38.60	3.10	21.6°C	2026-09-10
5200MHz Head	36.00 (34.20~37.80)	4.66 (4.43~4.89)	36.30	4.54	21.6°C	2026-09-12
5500MHz Head	35.60 (33.82~37.38)	4.96 (4.71~5.20)	35.80	4.88	21.6°C	2026-09-15
5800MHz Head	35.30 (33.54~37.06)	5.27 (5.01~5.53)	35.30	5.23	21.6°C	2026-09-17
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	2026-08-20
D835V2 Body	9.68 (8.72~10.64)	6.44 (5.80~7.08)	9.94	6.55	21.6°C	2026-08-22
D1750V2 Body	36.40 (32.76~40.04)	19.60 (17.64~21.56)	36.20	19.50	21.6°C	2026-08-25
D1900V2 Body	39.70 (35.73~43.67)	21.00 (18.90~23.10)	40.40	21.10	21.6°C	2026-08-28
D2450V2 Body	52.70 (47.16~57.64)	24.00 (21.60~26.40)	53.60	25.20	21.6°C	2026-08-31
D2550V2 Body	54.10 (48.69~59.51)	24.70 (22.23~27.17)	55.80	25.60	21.6°C	2026-09-02
D2600V2 Body	55.90 (49.77~60.83)	24.60 (22.14~27.06)	55.90	25.60	21.6°C	2026-09-04
D3400V2 Body	69.20 (62.28~76.12)	26.30 (23.67~28.93)	72.50	28.10	21.6°C	2026-09-07
D3500V2 Body	65.30 (58.77~71.83)	24.80 (22.32~27.28)	62.80	24.00	21.6°C	2026-09-08
D3700V2 Body	69.30 (62.37~76.23)	25.40 (22.86~27.94)	63.70	23.70	21.6°C	2026-09-09
D3900V2 Body	69.50 (62.55~76.45)	24.30 (21.87~26.73)	67.40	23.80	21.6°C	2026-09-10
D5200V2 Body	76.00 (68.40~83.60)	22.00 (19.80~24.20)	71.70	20.70	21.6°C	2026-09-12
D5300V2 Body	80.60 (72.54~88.66)	23.30 (20.97~25.63)	80.80	23.10	21.6°C	2026-09-12
D5500V2 Body	85.60 (77.04~94.16)	24.50 (22.05~26.95)	79.00	22.50	21.6°C	2026-09-15
D5600V2 Body	83.30 (74.97~91.63)	24.10 (21.69~26.51)	78.70	22.40	21.6°C	2026-09-15
D5800V2 Body	79.00 (71.10~86.90)	22.70 (20.43~24.97)	77.60	22.00	21.6°C	2026-09-17

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

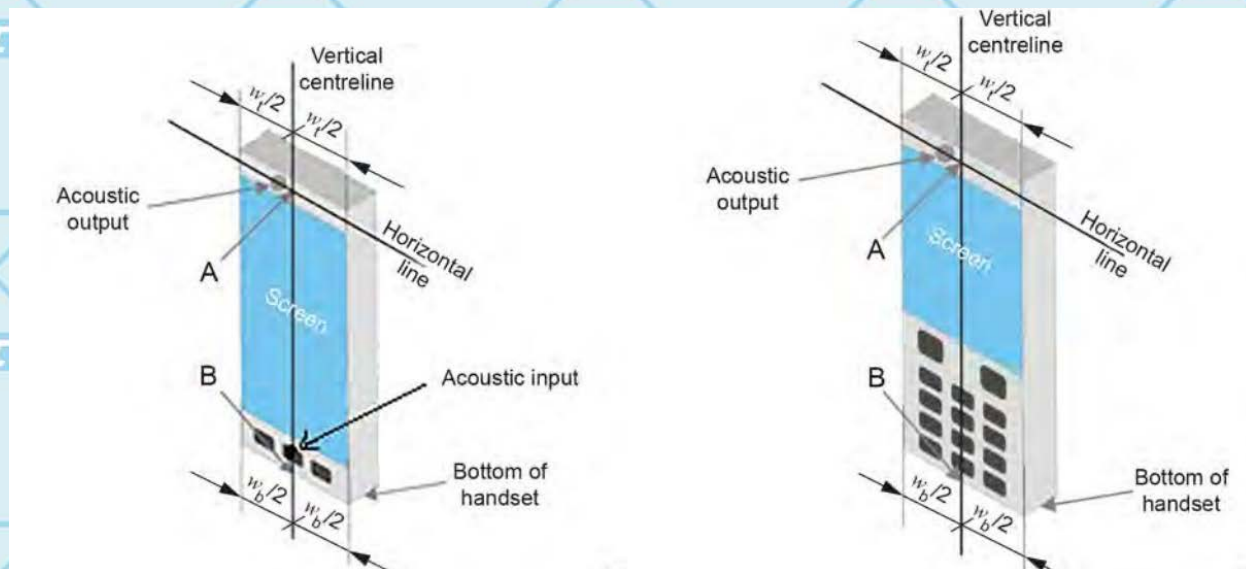
2. The actual forward power output to the dipole antenna is 20dbm(100mw), so the measured value differs ten times from the table

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.

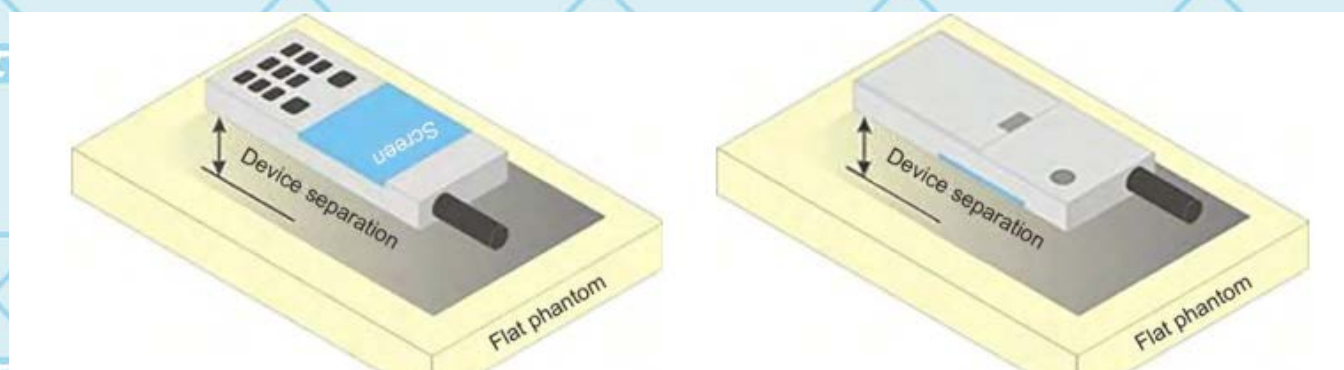


9.2 Body Exposure Condition

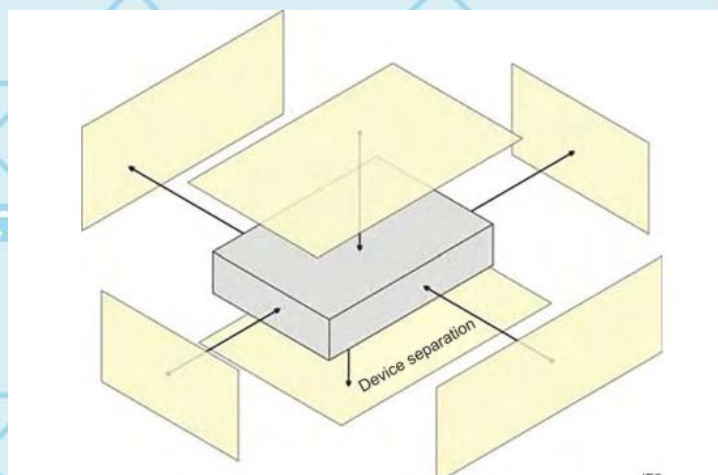
According to 447498 D04

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, η_{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
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

3) A-MPR

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

4) LTE procedures for SAR testing

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

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

ii) QPSK with 50% RB allocation

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

iii) QPSK with 100% RB allocation

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

iv) Higher order modulations

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

B) Other channel bandwidth standalone SAR test requirements

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

5) TDD LTE test configuration

According to KDB 941225 D05 SAR for LTE Devices v02r04, for Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

10.4 Wi-Fi Test Configuration

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

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

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

Notes:

√ = "default test channels"

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

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

802.11 Test Channels per FCC Requirements

10.5 WiFi 2.4G SAR Test Procedures

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

A) 802.11b DSSS SAR Test Requirements

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

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

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

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

- 1) When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.
- 2) When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

C) SAR Test Requirements for OFDM configurations

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

11 Detailed Test Results

11.1 Conducted Power measurements

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

11.1.1 Conducted Power of GSM

Mode: GSM850		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH128	CH190	CH251		CH128	CH190	CH251
			824.2MHz	836.6MHz	848.8MHz		824.2MHz	836.6MHz	848.8MHz
GSM(CS)		34.50	33.79	34.03	34.10	-9.03	24.76	25.00	25.07
GPRS (GMSK)	1Tx slot	34.50	33.80	33.04	34.11	-9.03	24.77	24.01	25.08
	2Tx slots	33.50	32.95	33.22	33.27	-6.02	26.93	27.20	27.25
	3Tx slots	31.50	31.02	31.25	31.29	-4.26	26.76	26.99	27.03
	4Tx slots	30.00	29.73	29.99	30.00	-3.01	26.72	26.98	26.99
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)		31.00	30.85	30.87	30.62	-9.03	21.82	21.84	21.59
GPRS (GMSK)	1Tx slot	31.00	30.83	30.61	30.07	-9.03	21.80	21.58	21.04
	2Tx slots	30.50	30.20	29.99	28.09	-6.02	24.18	23.97	22.07
	3Tx slots	28.50	28.09	28.43	28.32	-4.26	23.83	24.17	24.06
	4Tx slots	27.50	26.82	27.24	27.15	-3.01	23.81	24.23	24.14

Note:

Division Factors

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

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

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

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

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

11.1.2 Conducted Power of WCDMA

Mode		Maximum Tune-up(dBm)	WCDMA Band 2		
			Conducted Power (dBm)		
			CH9262	CH9400	CH9538
			1852.4	1880.0	1907.6
RMC 12.2K		24.50	23.58	24.02	23.77
HSDPA	Subtest-1	23.00	22.62	20.70	20.14
	Subtest-2	23.50	18.98	23.04	21.60
	Subtest-3	23.00	20.37	19.69	22.75
	Subtest-4	21.50	21.13	19.44	19.16
HSUPA	Subtest-1	22.50	22.08	21.99	21.75
	Subtest-2	22.00	21.54	21.94	21.71
	Subtest-3	23.00	21.53	22.98	22.72
	Subtest-4	22.00	21.10	21.52	21.28
	Subtest-5	23.00	22.56	22.97	22.74
Mode		Maximum Tune-up(dBm)	WCDMA Band 4		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
			1712.4	1732.6	1752.6
RMC 12.2K		23.00	22.90	22.95	22.52
HSDPA	Subtest-1	22.00	21.94	20.50	19.22
	Subtest-2	22.00	18.94	21.93	20.45
	Subtest-3	22.00	19.54	18.55	21.55
	Subtest-4	20.50	20.41	18.98	18.17
HSUPA	Subtest-1	21.50	21.42	21.47	21.10
	Subtest-2	21.00	20.90	20.95	20.55
	Subtest-3	22.00	21.92	20.93	20.57
	Subtest-4	21.00	20.42	20.56	20.13
	Subtest-5	22.00	21.90	21.97	21.57
Mode		Maximum Tune-up(dBm)	WCDMA Band 5		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
			826.4	836.6	846.6
RMC 12.2K		24.50	24.18	24.04	24.06
HSDPA	Subtest-1	23.50	23.24	21.56	20.83
	Subtest-2	23.50	20.48	23.10	21.93
	Subtest-3	23.50	20.31	19.24	23.13
	Subtest-4	22.00	21.98	20.43	19.31
HSUPA	Subtest-1	23.00	22.73	22.07	22.08
	Subtest-2	22.50	22.21	22.06	22.07
	Subtest-3	23.50	23.21	23.08	23.09
	Subtest-4	22.00	21.75	21.59	21.59
	Subtest-5	23.50	23.18	23.04	23.03

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	21.00	20.92	20.84	20.83
			2	21.00	20.93	20.92	20.84
			5	21.00	20.91	20.89	20.82
		3	0	21.00	20.83	20.87	20.76
			2	21.00	20.83	20.91	20.75
			3	21.00	20.87	20.89	20.78
	16QAM	6	0	20.00	19.83	19.88	19.81
			0	20.50	20.00	20.07	19.70
			1	20.50	19.99	20.12	19.69
		3	5	20.50	19.99	20.13	19.74
			0	20.50	20.01	20.08	19.92
			2	20.50	19.96	20.13	19.89
3MHz	QPSK	1	3	20.50	20.00	20.14	19.93
			0	19.50	19.01	19.02	18.92
			0	19.50	19.01	19.02	18.92
		8	0	21.00	20.77	20.82	20.82
			7	21.00	20.77	20.86	20.81
			14	21.00	20.73	20.80	20.82
	16QAM	15	0	20.00	19.77	19.84	19.79
			4	20.00	19.73	19.83	19.73
			7	20.00	19.75	19.88	19.73
		8	0	20.00	19.73	19.85	19.78
			0	20.50	20.18	20.06	19.72
			7	20.50	20.15	20.07	19.68
5MHz	QPSK	1	14	20.50	20.18	20.03	19.70
			0	19.00	18.78	18.84	18.81
			4	19.00	18.77	18.80	18.75
	16QAM	8	7	19.00	18.78	18.87	18.74
			0	19.00	18.77	18.80	18.82
			0	19.00	18.77	18.80	18.82
5MHz	QPSK	12	0	21.00	20.90	20.88	20.83
			13	21.00	20.86	20.96	20.81
			24	21.00	20.91	20.89	20.73
		25	0	20.00	19.80	19.87	19.85
			6	20.00	19.80	19.87	19.82
			13	20.00	19.80	19.86	19.80
5MHz	16QAM	1	0	20.00	19.83	19.91	19.86
			0	20.50	20.34	20.25	20.23
			13	20.50	20.36	20.33	20.13
		12	24	20.50	20.31	20.29	20.09
			0	19.00	18.81	18.83	18.87
			6	19.00	18.82	18.87	18.86
5MHz	QPSK	1	13	19.00	18.80	18.87	18.83
			0	19.00	18.78	18.94	18.84
			0	19.00	18.78	18.94	18.84
	16QAM	12	0	19.00	18.78	18.94	18.84
			0	19.00	18.78	18.94	18.84
			0	19.00	18.78	18.94	18.84

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	21.50	20.84	20.89	21.06
			25	21.00	20.84	20.92	20.93
			49	21.00	20.95	20.92	19.90
		25	0	20.00	19.85	19.89	19.99
			13	20.00	19.87	19.88	19.42
			25	20.00	19.91	19.92	18.83
	16QAM	50	0	20.00	19.85	19.90	18.91
			0	20.50	20.26	20.05	17.91
			25	20.50	20.29	20.08	17.78
		1	49	20.50	20.39	20.09	17.77
			0	19.00	18.87	18.88	17.92
			13	19.00	18.87	18.90	17.87
15MHz	QPSK	25	25	19.00	18.90	18.90	17.82
			0	19.00	18.87	18.94	17.91
			0	19.00	18.87	18.94	17.91
		36	0	21.00	20.88	17.91	18.04
			38	21.00	20.93	17.93	18.02
			74	21.00	20.88	17.88	17.91
		75	0	20.00	19.85	17.84	17.99
			18	20.00	19.87	17.82	17.94
			39	20.00	19.88	17.85	17.86
		1	0	20.00	19.70	17.91	17.95
			0	19.50	19.27	18.08	18.12
			38	19.50	19.39	18.12	18.09
	16QAM	74	74	19.50	19.28	18.08	17.95
			0	19.00	18.89	17.93	17.96
			18	19.00	18.90	17.90	17.92
		36	39	18.50	18.25	17.95	17.83
			0	18.50	17.88	17.92	18.01
			0	18.50	17.88	17.92	18.01
		75	0	18.50	17.88	17.92	18.01
			0	18.50	17.88	17.92	18.01
			0	18.50	17.88	17.92	18.01
		1	50	21.00	20.98	18.03	18.04
			99	21.00	20.93	17.97	17.88
			0	20.00	19.95	17.90	18.05
20MHz	QPSK	50	25	20.00	19.93	17.92	18.04
			50	20.00	19.93	17.94	17.94
			0	19.00	18.93	17.94	18.03
		100	0	19.00	19.00	18.25	18.29
			50	18.50	18.27	18.28	18.28
			99	18.50	18.25	18.22	18.16
	16QAM	1	0	18.50	17.96	17.88	18.08
			25	18.50	17.96	17.90	18.05
			50	18.00	17.96	17.92	17.97
		50	0	18.50	17.92	17.92	18.01
			0	18.50	17.92	17.92	18.01
			0	18.50	17.92	17.92	18.01

11.1.4 Conducted Power of LTE Band 4

LTE-FDD Band 4				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		19957	20175	20393
					1710.7MHz	1732.5MHz	1754.3MHz
1.4MHz	QPSK	1	0	21.50	21.40	21.39	21.29
			2	21.50	21.43	21.38	21.37
			5	21.50	21.37	21.39	21.37
		3	0	21.50	21.43	21.30	21.22
			2	21.50	21.41	21.31	21.21
			3	21.50	21.36	21.30	21.23
	16QAM	6	0	20.50	20.38	20.31	20.22
			0	21.00	20.65	20.27	20.40
			1	21.00	20.61	20.25	20.39
		3	5	21.00	20.60	20.26	20.44
			0	21.00	20.62	20.42	20.39
			2	21.00	20.63	20.44	20.37
6	3	21.00	20.59	20.46	20.39		
	0	20.00	19.55	19.45	19.38		
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	19965	20175
1711.5MHz						1732.5MHz	1753.5MHz
3MHz	QPSK	1	0	21.50	21.46	21.30	21.08
			7	21.50	21.34	21.29	20.13
			14	21.50	21.27	21.29	20.24
		8	0	20.50	20.37	20.36	20.08
			4	20.50	20.30	20.31	19.80
			7	20.50	20.28	20.32	19.11
	16QAM	15	0	20.50	20.30	20.32	19.12
			0	21.00	20.82	20.56	18.50
			7	21.00	20.75	20.58	18.07
		1	14	21.00	20.70	20.51	18.08
			0	19.50	19.39	19.37	18.12
			8	4	19.50	19.32	19.28
7	19.50	19.31	19.30	18.11			
	15	0	19.50	19.34	19.27	18.17	
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	19975	20175
1712.5MHz						1732.5MHz	1752.5MHz
5MHz	QPSK	1	0	22.00	21.54	18.35	18.13
			13	21.50	21.41	18.41	18.10
			24	20.50	20.37	18.39	18.23
		12	0	20.50	20.39	18.38	18.10
			6	20.00	19.62	18.36	18.12
			13	19.50	19.29	18.32	18.19
	16QAM	25	0	19.50	19.39	18.38	18.15
			0	19.00	18.98	18.75	18.52
			1	13	19.00	18.91	18.75
		12	24	19.00	18.89	18.74	18.61
			0	18.50	18.39	18.34	18.17
			6	18.50	18.32	18.33	18.17
25	13	18.50	18.31	18.32	18.25		
	0	18.50	18.31	18.40	18.12		

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	18.50	18.45	18.45	18.27
			25	18.50	18.30	18.40	18.24
			49	18.50	18.38	18.32	18.29
		25	0	18.50	18.39	18.43	18.25
			13	18.50	18.34	18.43	18.18
			25	18.50	18.42	18.37	18.16
	16QAM	50	0	18.50	18.41	18.41	18.21
			0	19.00	18.90	18.62	18.14
			25	19.00	18.77	18.55	18.10
		1	49	19.00	18.86	18.48	18.15
			0	18.50	18.41	18.42	18.24
			13	18.50	18.37	18.38	18.17
15MHz	QPSK	25	25	18.50	18.43	18.36	18.13
			0	18.50	18.42	18.43	18.17
			0	18.50	18.42	18.43	18.17
		36	0	18.50	18.41	18.43	18.24
			18	18.50	18.38	18.38	18.23
			39	18.50	18.40	18.31	18.18
	16QAM	75	0	18.50	18.41	18.38	18.20
			0	19.00	18.92	18.64	18.71
			38	19.00	18.84	18.60	18.64
		1	74	19.00	18.82	18.41	18.90
			0	19.00	18.38	18.50	18.86
			18	19.50	18.42	18.45	19.20
20MHz	QPSK	36	39	19.50	18.43	18.37	19.21
			0	19.50	18.42	18.41	19.25
			0	19.50	18.42	18.41	19.25
		75	0	19.50	18.42	18.41	19.25
			0	19.50	18.42	18.41	19.25
			0	19.50	18.42	18.41	19.25
	16QAM	1	0	21.50	21.50	18.56	18.50
			50	21.50	21.44	18.53	18.24
			99	21.50	21.47	18.20	18.25
		50	0	20.50	20.43	18.49	18.36
			25	20.50	20.44	18.42	18.24
			50	20.50	20.43	18.28	18.26
20MHz	QPSK	100	0	20.50	20.39	18.41	18.29
			0	21.00	20.87	18.77	18.74
			0	21.00	20.85	18.71	18.50
		1	99	20.00	19.75	18.44	18.51
			0	19.50	19.45	18.48	18.40
			25	18.50	18.47	18.40	18.28
	16QAM	50	50	18.50	18.46	18.28	18.28
			0	18.50	18.40	18.37	18.31
			0	18.50	18.40	18.37	18.31
		100	0	18.50	18.40	18.37	18.31
			0	18.50	18.40	18.37	18.31
			0	18.50	18.40	18.37	18.31

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	22.50	21.95	22.10	21.99	
			2	22.50	21.92	22.19	21.98	
			5	22.50	21.91	22.13	21.95	
		3	0	22.50	21.87	22.10	21.94	
			2	22.50	21.87	22.12	21.92	
			3	22.50	21.89	22.11	21.91	
	16QAM	6	0	21.50	20.88	21.08	20.93	
			1	0	21.50	21.08	21.32	20.85
				2	21.50	21.04	21.33	20.86
		3		5	21.50	21.10	21.38	20.83
			0	21.50	21.08	21.32	21.07	
			2	21.50	21.07	21.34	21.07	
3MHz	QPSK	1	3	21.50	21.07	21.34	21.05	
			0	20.50	20.11	20.24	20.13	
			8	0	21.50	20.84	21.13	21.06
		4		21.50	20.81	21.12	20.98	
		7		21.50	20.80	21.15	20.93	
		15	0	21.50	20.85	21.14	21.00	
	16QAM	1	0	21.50	21.30	21.35	20.97	
			7	21.50	21.31	21.42	20.95	
			14	21.50	21.24	21.40	20.84	
		8	0	20.50	19.89	20.16	20.05	
			4	20.50	19.83	20.12	20.00	
			7	20.50	19.84	20.18	19.93	
15	0	20.50	19.90	20.12	20.06			

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	22.50	21.89	22.23	22.02
			13	22.50	21.89	22.32	22.00
			24	22.50	21.93	22.32	21.95
		12	0	21.50	20.89	21.20	21.06
			6	21.50	20.88	21.16	21.04
			13	21.50	20.89	21.20	21.00
	16QAM	25	0	21.50	20.94	21.21	21.09
		1	0	22.00	21.22	21.69	21.37
			13	22.00	21.19	21.77	21.38
			24	22.00	21.27	21.74	21.27
		12	0	20.50	19.96	20.21	20.08
			6	20.50	19.92	20.20	20.07
13	21.50		19.97	20.19	21.22		
25	0	21.50	19.90	20.15	21.03		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20450	20525	20600
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	22.50	21.98	22.10	22.25
			25	22.50	22.05	22.27	22.05
			49	22.50	22.25	22.20	21.92
		25	0	21.50	20.92	21.19	21.15
			13	21.50	20.97	21.20	21.06
			25	21.50	21.09	21.24	21.03
	50	0	21.50	21.02	21.20	21.11	
	16QAM	1	0	22.00	20.86	21.53	21.40
			25	22.00	20.87	21.66	21.21
			49	22.00	21.10	21.63	21.11
		25	0	20.50	19.91	20.18	20.12
			13	20.50	19.92	20.20	20.05
25			20.50	20.08	20.22	20.00	
50	0	20.50	20.00	20.17	20.13		

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	21.00	20.97	17.75	18.05
			13	21.50	21.01	17.80	18.06
			24	21.50	21.05	17.81	18.04
		12	0	20.00	19.94	17.68	18.15
			6	20.00	19.88	17.66	18.09
			13	20.00	19.87	17.72	18.09
	16QAM	25	0	20.00	19.90	17.75	18.10
			0	20.50	20.45	18.08	18.44
			13	19.50	19.47	18.14	18.41
		12	24	19.50	19.47	18.14	18.43
			0	19.00	18.56	17.67	18.16
			6	18.50	17.86	17.69	18.14
10MHz	QPSK	1	13	18.50	17.84	17.70	18.13
			25	18.50	17.80	17.75	18.06
		25	0	20.800	20800	21100	21400
			0	21.50	17.96	17.78	21.15
			25	21.50	17.85	17.80	21.23
		50	49	20.50	17.90	17.88	20.16
			0	20.50	17.85	17.70	20.15
			13	20.50	17.80	17.68	20.14
	16QAM	25	25	20.50	17.84	17.73	20.09
			0	20.00	17.83	17.71	20.00
		1	0	19.00	18.42	17.64	18.99
			25	19.50	18.30	17.63	19.04
			49	19.00	18.36	17.73	18.64
		25	0	18.50	17.87	17.68	18.07
			13	18.50	17.81	17.77	18.10
			25	18.50	17.84	17.70	18.06
		50	0	21.50	17.79	21.09	20.28

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20825	21100	21375
					2507.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	20.00	19.84	17.81	18.16
			38	19.50	19.44	17.81	18.15
			74	19.00	18.89	17.73	18.02
		36	0	18.50	18.18	17.71	18.01
			18	18.50	17.84	17.73	18.05
			39	18.50	17.84	17.74	18.04
			75	18.50	18.44	17.97	18.03
	16QAM	1	0	18.50	18.40	17.98	18.14
			38	18.50	18.33	17.99	18.24
			74	18.50	17.90	17.79	18.01
		36	0	18.50	17.87	17.79	18.02
			18	18.50	17.86	17.82	18.07
			39	18.50	17.84	17.75	18.10
			75	0	21.00	17.77	18.05
20MHz	16QAM	1	0	21.00	17.77	18.05	20.93
			0	21.00	17.77	18.05	20.93
20MHz	QPSK	1	0	21.00	17.77	18.05	20.93
			0	21.00	17.77	18.05	20.93
20MHz	QPSK	1	0	21.00	20.89	17.84	18.11
			50	21.00	20.86	17.82	18.21
			99	20.00	19.97	17.79	17.98
		50	0	20.00	19.93	17.79	18.03
			25	20.00	19.91	17.78	18.07
			50	20.00	19.88	17.80	18.03
			100	0	20.50	20.23	18.18
	16QAM	1	0	20.50	20.19	18.20	18.31
			50	19.50	19.14	18.18	18.43
			99	19.00	18.98	17.83	17.93
		50	0	18.50	17.91	17.85	18.01
			25	18.50	17.88	17.84	18.05
			50	18.00	17.85	17.80	18.00
			100	0	18.00	17.81	17.91

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	22.00	21.78	21.89	21.79
			2	22.00	21.83	21.86	21.81
			5	22.00	21.89	21.85	21.83
		3	0	22.00	21.80	21.84	21.71
			2	22.00	21.79	21.79	21.73
			3	22.00	21.82	21.84	21.77
	16QAM	6	0	21.50	20.97	21.08	21.02
		1	0	21.50	21.19	21.02	21.22
			2	21.50	21.19	21.00	21.22
			5	21.50	21.28	21.01	21.25
		3	0	21.50	21.22	21.20	21.21
			2	21.50	21.25	21.22	21.23
3MHz	QPSK	1	2	21.50	21.25	21.24	21.24
			3	21.50	21.25	21.24	21.24
			6	20.50	20.17	20.25	20.21
		8	0	22.00	21.75	21.83	21.79
			7	22.00	21.78	21.84	21.73
			14	22.00	21.76	21.80	21.84
		15	0	21.50	21.10	21.13	21.17
			4	21.50	21.14	21.20	21.11
			7	21.50	21.10	21.22	21.05
	16QAM	1	0	21.50	21.16	21.19	21.13
			7	22.00	21.53	21.40	21.12
			14	22.00	21.56	21.38	21.03
		8	0	22.00	21.56	21.43	20.99
			7	20.50	20.19	20.17	20.21
			4	20.50	20.17	20.22	20.13
		15	7	20.50	20.14	20.22	20.07
			0	20.50	20.16	20.11	20.18

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	22.00	21.93	21.96	21.85
			13	22.00	21.90	21.89	21.74
			24	22.50	21.98	22.01	21.79
		12	0	21.50	21.23	21.20	21.25
			6	21.50	21.20	21.22	21.20
			13	21.50	21.22	21.26	21.14
	16QAM	25	0	21.50	21.27	21.29	21.22
			0	22.00	21.73	21.67	21.56
			13	22.00	21.72	21.64	21.57
		1	24	22.00	21.84	21.77	21.42
			0	20.50	20.25	20.21	20.28
			6	20.50	20.22	20.20	20.25
10MHz	QPSK	12	13	20.50	20.24	20.26	20.16
			0	20.50	20.22	20.28	20.19
		25	0	20.50	20.22	20.28	20.19
	16QAM	1	0	22.50	21.92	22.01	21.90
			25	22.00	21.96	21.97	21.93
			49	22.00	21.95	21.98	21.79
	QPSK	25	0	21.50	21.09	21.19	21.17
			13	21.50	21.11	21.15	21.19
			25	21.50	21.11	21.19	21.15
	16QAM	50	0	21.50	21.09	21.17	21.15
			0	22.00	21.22	21.13	21.62
			25	22.00	21.34	21.08	21.64
	QPSK	1	49	21.50	21.24	21.04	21.49
			0	20.50	20.12	20.19	20.23
			13	20.50	20.14	20.16	20.20
	16QAM	25	25	20.50	20.14	20.19	20.12
			0	20.50	20.14	20.15	20.16
			0	20.50	20.14	20.15	20.16

11.1.8 Conducted Power of LTE Band 13

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23205	23230	23255
					779.5MHz	782.0MHz	784.5MHz
5MHz	QPSK	1	0	22.00	21.84	21.81	21.73
			13	22.00	21.78	21.80	21.66
			24	22.00	21.74	21.75	21.74
		12	0	21.00	20.78	20.76	20.66
			6	21.00	20.77	20.72	20.65
			13	21.00	20.73	20.66	20.71
	16QAM	25	0	21.00	20.81	20.75	20.72
		1	0	21.50	21.06	21.29	21.09
			13	21.50	21.10	21.27	21.07
			12	24	21.50	21.08	21.22
		0		20.00	19.82	19.77	19.64
		6		20.00	19.85	19.73	19.62
25	13	20.00	19.76	19.67	19.69		
	0	20.00	19.74	19.69	19.71		

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23230	782.0MHz	
10MHz	QPSK	1	0	22.00	21.83		
			25	22.00	21.73		
			49	22.00	21.72		
		25	0	21.00	20.75		
			13	21.00	20.70		
			25	21.00	20.69		
	50	0	21.00	20.72			
		16QAM	1	0	21.50	21.20	
				25	21.50	21.15	
	49			21.50	21.12		
	25		0	20.00	19.76		
			13	20.00	19.69		
			25	20.00	19.70		
	50	0	20.00	19.72			

11.1.9 Conducted Power of LTE Band 17

LTE-FDD Band 17				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23755 706.5MHz	23790 710.0MHz	23825 713.5MHz
5MHz	QPSK	1	0	22.00	21.92	21.74	21.77
			13	22.00	21.87	21.84	21.62
			24	22.00	21.90	21.74	21.68
		12	0	21.00	20.77	20.79	20.69
			6	21.00	20.71	20.81	20.64
			13	21.00	20.73	20.73	20.62
	16QAM	1	0	21.50	21.37	21.12	21.06
			13	21.50	21.32	21.25	20.94
			24	21.50	21.39	21.08	21.01
		12	0	20.00	19.80	19.69	19.72
			6	20.00	19.73	19.74	19.70
			13	20.00	19.73	19.67	19.58
10MHz	QPSK	1	0	22.00	21.75	21.76	21.73
			25	22.00	21.76	21.86	21.74
			49	22.00	21.55	21.63	21.67
		25	0	21.00	20.67	20.70	20.77
			13	21.00	20.76	20.75	20.81
			25	21.00	20.73	20.67	20.66
	16QAM	1	0	21.00	20.67	20.66	20.66
			0	21.50	21.20	20.62	21.13
			25	21.50	21.16	20.70	21.12
		25	0	20.00	19.67	19.63	19.69
			13	20.00	19.69	19.80	19.73
			25	20.00	19.67	19.71	19.60
10MHz	QPSK	1	0	22.00	21.75	21.76	21.73
			25	22.00	21.76	21.86	21.74
			49	22.00	21.55	21.63	21.67
		25	0	21.00	20.67	20.70	20.77
			13	21.00	20.76	20.75	20.81
			25	21.00	20.73	20.67	20.66
	16QAM	1	0	21.00	20.67	20.66	20.66
			0	21.50	21.20	20.62	21.13
			25	21.50	21.16	20.70	21.12
		25	0	20.00	19.67	19.63	19.69
			13	20.00	19.69	19.80	19.73
			25	20.00	19.67	19.71	19.60

11.1.10 Conducted Power of LTE Band 38

LTE-TDD Band 38				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		37775 2572.5MHz	38000 2595.0MHz	38225 2617.5MHz
5MHz	QPSK	1	0	21.50	21.02	21.03	20.96
			13	21.50	21.01	20.98	20.98
			24	21.50	21.09	20.95	20.97
		12	0	20.50	19.99	20.02	19.85
			6	20.50	20.01	19.97	19.82
			13	20.50	20.02	19.98	19.83
	16QAM	25	0	20.50	20.03	20.01	19.85
			0	20.50	20.28	20.34	20.42
			13	20.50	20.31	20.37	20.39
		1	24	20.50	20.38	20.27	20.41
			0	19.50	18.98	19.09	18.88
			6	19.50	18.98	19.03	18.82
10MHz	QPSK	12	13	19.50	19.03	19.02	18.83
			0	19.50	19.01	18.96	18.80
			25	19.50	19.01	18.96	18.80
		25	0	19.50	19.01	18.96	18.80
			13	19.50	19.01	18.96	18.80
			25	19.50	19.01	18.96	18.80
		50	0	19.50	19.01	18.96	18.80
			13	19.50	19.01	18.96	18.80
			25	19.50	19.01	18.96	18.80
	16QAM	1	0	21.50	21.07	21.12	20.87
			25	21.50	21.09	21.06	20.80
			49	21.50	21.13	20.95	20.89
		25	0	20.50	20.05	20.05	19.84
			13	20.50	20.07	20.02	19.82
			25	20.50	20.11	20.00	19.84
		50	0	20.50	20.02	20.01	19.85
			25	21.00	20.62	20.22	20.03
			49	21.00	20.59	20.16	19.97
	16QAM	1	0	21.00	20.58	20.08	20.00
			13	19.50	19.00	19.01	18.83
			25	19.50	19.04	19.00	18.81
		25	0	19.50	19.07	19.01	18.85
			13	19.50	19.07	19.01	18.85
			25	19.50	19.07	19.01	18.85

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	QPSK	1	0	21.50	21.08	20.99	21.10
			38	21.50	21.16	21.07	20.89
			74	21.50	21.04	20.87	20.95
		36	0	20.50	20.05	20.07	19.92
			18	20.50	20.06	20.01	19.84
			39	20.50	20.02	19.98	19.83
		75	0	20.50	20.01	20.01	19.83
			0	20.50	20.50	20.18	20.17
			38	21.00	20.63	20.23	20.02
	16QAM	1	74	20.50	20.48	20.01	20.02
			0	19.50	19.10	19.15	18.92
			18	19.50	19.12	19.09	18.81
		36	39	19.50	19.06	19.05	18.81
			0	19.50	19.03	19.01	18.87
			75	0	19.03	19.01	18.87
20MHz	QPSK	1	0	21.00	21.00	20.95	20.96
			50	21.50	21.02	21.06	20.88
			99	21.50	21.06	20.89	20.86
		50	0	20.50	20.11	20.12	20.00
			25	20.50	20.12	20.10	19.96
			50	20.50	20.07	20.02	19.91
		100	0	20.50	20.07	20.05	19.89
			0	20.50	20.28	20.31	20.12
			50	20.50	20.27	20.32	20.08
	16QAM	1	99	20.50	20.28	20.21	19.98
			0	19.50	19.12	19.15	18.97
			25	19.50	19.13	19.14	18.87
		50	50	19.50	19.08	19.09	18.83
			0	19.50	19.04	19.04	18.86
			100	0	19.04	19.04	18.86

11.1.11 ConductePower of LTE Band 41

LTE-TDD Band 41				Maximum Tune- up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		39675 2498.5MHz	40160 2552.0MHz	40620 2593 MHz	41080 2639.5 MHz	41565 2687.5 MHz
5MHz	QPSK	1	0	21.00	20.98	20.48	20.97	20.22	20.47
			13	21.00	20.95	20.46	20.97	20.23	20.48
			24	21.00	20.88	20.43	20.98	20.24	20.49
		12	0	20.00	19.79	19.37	19.94	19.24	19.53
			6	20.00	19.73	19.33	19.93	19.21	19.49
			13	20.00	19.72	19.32	19.92	19.21	19.49
	16QAM	25	0	20.00	19.77	19.37	19.97	19.26	19.54
			0	20.50	20.42	19.84	20.26	19.53	19.80
			13	20.50	20.40	19.83	20.26	19.56	19.86
		1	24	20.50	20.35	19.81	20.27	19.54	19.80
			0	19.00	18.80	18.35	18.89	18.22	18.55
			6	19.00	18.74	18.32	18.90	18.23	18.56
		12	13	19.00	18.72	18.34	18.95	18.27	18.58
			0	19.00	18.66	18.31	18.96	18.23	18.49
		25	0	19.00	18.66	18.31	18.96	18.23	18.49
			0	19.00	18.66	18.31	18.96	18.23	18.49
			0	19.00	18.66	18.31	18.96	18.23	18.49
10MHz	QPSK	1	0	21.00	20.90	20.45	21.00	20.32	20.63
			25	21.00	20.73	20.35	20.96	20.21	20.46
			49	21.50	20.77	20.40	21.03	20.28	20.53
		25	0	20.00	19.78	19.35	19.92	19.22	19.52
			13	20.00	19.73	19.32	19.91	19.21	19.51
			25	20.00	19.73	19.35	19.96	19.25	19.54
	16QAM	50	0	20.00	19.68	19.29	19.90	19.21	19.52
			0	20.50	20.43	19.76	20.09	19.35	19.61
			25	20.50	20.22	19.66	20.10	19.30	19.50
		1	49	20.50	20.28	19.70	20.12	19.33	19.53
			0	19.00	18.73	18.32	18.90	18.20	18.50
			13	19.00	18.70	18.31	18.92	18.21	18.49
		25	25	19.00	18.70	18.32	18.93	18.22	18.50
			25	19.00	18.70	18.32	18.93	18.22	18.50
			25	19.00	18.70	18.32	18.93	18.22	18.50
			25	19.00	18.70	18.32	18.93	18.22	18.50

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	21.00	20.83	20.38	20.93	20.32	20.71
			38	21.00	20.70	20.34	20.98	20.30	20.62
			74	21.00	20.61	20.28	20.94	20.30	20.65
		36	0	20.00	19.70	19.32	19.93	19.26	19.58
			18	20.00	19.65	19.28	19.91	19.23	19.54
			39	20.00	19.62	19.28	19.94	19.25	19.55
	16QAM	75	0	20.00	19.68	19.32	19.96	19.25	19.53
			0	20.50	20.30	19.69	20.08	19.44	19.80
			38	20.50	20.23	19.68	20.13	19.45	19.76
		1	74	20.50	20.10	19.60	20.09	19.40	19.71
			0	19.50	18.77	18.41	19.04	18.29	18.54
			18	19.00	18.71	18.35	18.99	18.25	18.51
		36	39	19.00	18.67	18.32	18.97	18.26	18.54
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	21.00	20.78	20.37	20.95	20.29	20.63
			50	21.00	20.63	20.32	21.00	20.28	20.56
			99	21.00	20.61	20.31	21.00	20.29	20.57
		50	0	20.50	19.79	19.41	20.03	19.33	19.62
			25	20.00	19.71	19.34	19.97	19.28	19.59
			50	20.00	19.72	19.35	19.97	19.30	19.62
	16QAM	100	0	20.00	19.69	19.32	19.95	19.27	19.58
			0	20.50	20.06	19.60	20.14	19.48	19.81
			50	20.50	19.93	19.56	20.19	19.50	19.81
		1	99	20.50	19.90	19.54	20.17	19.45	19.72
			0	19.00	18.80	18.39	18.97	18.31	18.64
			25	19.00	18.71	18.35	18.99	18.30	18.61
		50	50	19.00	18.75	18.35	18.94	18.29	18.63

11.1.12 Conducted Power of LTE Band 42(3450-3550)

LTE-TDD Band 42				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		42115 3452.5MHz	42590 3500.0MHz	43065 3547.5MHz
5MHz	QPSK	1	0	21.50	20.36	20.28	21.28
			13	21.50	20.32	20.35	21.25
			24	21.50	20.29	20.46	21.19
		12	0	20.50	19.33	19.31	20.22
			6	20.50	19.30	19.41	20.19
			13	20.50	19.29	19.41	20.15
	16QAM	25	0	20.50	19.36	19.45	20.21
			0	21.00	19.61	19.61	20.89
			13	21.00	19.56	19.79	20.77
		12	24	21.00	19.58	19.82	20.75
			0	19.50	18.31	18.37	19.27
			6	19.50	18.28	18.46	19.20
10MHz	QPSK	1	13	19.50	18.29	18.49	19.20
			25	19.50	18.34	18.38	19.15
			0	19.50	18.34	18.38	19.15
		25	0	21.50	20.33	20.25	21.29
			25	21.50	20.29	20.39	21.22
			49	21.50	20.32	20.61	21.18
		50	0	20.50	19.32	19.33	20.29
			13	20.50	19.32	19.41	20.29
			25	20.50	19.34	19.55	20.23
	16QAM	1	25	20.50	19.34	19.47	20.21
			0	20.50	19.80	19.37	20.27
			25	20.50	19.70	19.54	20.21
		25	49	20.50	19.89	19.71	20.13
			0	19.50	18.33	18.28	19.26
			13	19.50	18.31	18.42	19.27
		25	25	19.50	18.33	18.54	19.20
			0	19.50	18.33	18.54	19.20
			25	19.50	18.33	18.54	19.20

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	21.50	20.29	20.15	21.25
			38	21.50	20.23	20.40	21.33
			74	21.50	20.38	20.66	21.25
		36	0	20.50	19.29	19.24	20.25
			18	20.50	19.22	19.36	20.25
			39	20.50	19.30	19.51	20.21
	16QAM	1	75	20.50	19.29	19.39	20.18
			0	20.50	19.77	19.26	20.35
			38	20.50	19.73	19.53	20.41
		36	74	20.50	19.79	19.82	20.35
			0	19.50	18.34	18.31	19.23
			18	19.50	18.28	18.44	19.28
20MHz	QPSK	1	39	19.50	18.35	18.61	19.21
		50	0	21.50	20.37	20.17	21.05
			50	21.50	20.28	20.47	21.20
			99	21.50	20.37	20.79	21.18
		100	0	20.50	19.32	19.27	20.21
			25	20.50	19.28	19.46	20.28
			50	20.50	19.39	19.64	20.28
	16QAM	1	0	20.50	19.32	19.45	20.20
			0	20.50	19.59	19.34	20.28
			50	20.50	19.56	19.63	20.41
		50	99	20.50	19.62	19.98	20.36
			0	19.50	18.36	18.26	19.25
			25	19.50	18.34	18.44	19.29
			50	19.50	18.42	18.62	19.31
		50					
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42190	42590	42990
					3460.0MHz	3500.0MHz	3540.0MHz

11.1.13 Conducted Power of LTE Band 43(3600-3700)

LTE-TDD Band 43				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		43615 3602.5MHz	44090 3650MHz	44565 3697.5MHz
5MHz	QPSK	1	0	21.00	20.18	20.59	20.70
			13	21.00	20.23	20.54	20.78
			24	21.00	20.32	20.57	20.81
		12	0	20.00	19.22	19.58	19.64
			6	20.00	19.23	19.57	19.64
			13	20.00	19.29	19.58	19.70
	16QAM	25	0	20.00	19.26	19.59	19.67
			0	20.50	19.47	19.91	20.26
			13	20.50	19.47	19.92	20.31
		12	24	20.50	19.63	19.88	20.33
			0	19.00	18.23	18.65	18.67
			6	19.00	18.21	18.62	18.67
10MHz	QPSK	1	13	19.00	18.28	18.63	18.73
			25	19.00	18.30	18.58	18.61
			0	19.00	18.30	18.58	18.61
		25	0	21.00	20.22	20.62	20.67
			25	21.00	20.33	20.61	20.63
			49	21.00	20.48	20.61	20.73
		50	0	20.00	19.28	19.59	19.65
			13	20.00	19.33	19.60	19.64
			25	20.00	19.39	19.60	19.66
	16QAM	1	0	20.00	19.30	19.59	19.62
			0	20.00	19.69	19.73	19.69
			25	20.00	19.73	19.73	19.65
		25	49	20.00	19.93	19.71	19.68
			0	19.00	18.30	18.59	18.65
			13	19.00	18.32	18.60	18.63
		50	25	19.00	18.38	18.58	18.63
			0	19.00	18.32	18.62	18.60
			0	19.00	18.32	18.62	18.60

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	43665	44090	44515	
					3607.5MHz	3650MHz	3692.5MHz	
15MHz	QPSK	1	0	21.00	20.20	20.64	20.81	
			38	21.00	20.35	20.62	20.72	
			74	21.00	20.50	20.60	20.88	
		36	0	20.00	19.27	19.59	19.65	
			18	20.00	19.33	19.58	19.61	
			39	20.00	19.41	19.58	19.67	
	16QAM	75	0	20.00	19.35	19.59	19.65	
			0	20.00	19.64	19.73	19.92	
			38	20.00	19.83	19.75	19.86	
		1	74	20.00	19.98	19.73	19.99	
			36	0	19.00	18.33	18.68	18.63
				18	19.00	18.40	18.66	18.60
20MHz	QPSK	39		19.00	18.49	18.64	18.65	
			75	19.00	18.37	18.60	18.68	
			0	21.00	20.22	20.67	20.82	
		50	50	21.00	20.40	20.67	20.66	
			99	21.00	20.48	20.67	20.83	
			0	20.00	19.41	19.68	19.74	
	16QAM	25	20.00	19.47	19.69	19.71		
			50	20.00	19.51	19.64	19.74	
			100	0	20.00	19.43	19.63	19.74
		1	0	20.00	19.53	19.80	20.00	
			50	20.00	19.65	19.79	19.85	
			99	20.50	19.74	19.79	20.02	
QPSK	50	0	19.00	18.44	18.65	18.76		
		25	19.00	18.51	18.64	18.76		
		50	19.00	18.55	18.61	18.77		
	100	0	19.00	18.47	18.62	18.71		

11.1.14 Conducted Power of LTE Band 43(3700-3800)

LTE-TDD Band 43				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		44615 3702.5MHz	45090 3750MHz	45565 3797.5MHz
5MHz	QPSK	1	0	21.00	20.79	20.98	20.88
			13	21.50	20.82	21.04	20.92
			24	21.00	20.86	21.00	20.91
		12	0	20.50	19.75	20.08	19.83
			6	20.50	19.76	20.05	19.81
			13	20.50	19.78	20.08	19.81
	16QAM	25	0	20.50	19.80	20.08	19.83
			0	20.50	20.04	20.35	20.42
			13	20.50	20.02	20.35	20.41
		1	24	20.50	20.12	20.37	20.44
			0	19.50	18.77	19.09	18.84
			6	19.50	18.76	19.11	18.82
10MHz	QPSK	12	13	19.50	18.78	19.13	18.84
			0	19.50	18.83	19.04	18.76
			25	19.50	18.83	19.04	18.76
		25	0	19.50	18.83	19.04	18.76
			13	19.50	18.83	19.04	18.76
			25	19.50	18.83	19.04	18.76
		50	0	19.50	18.83	19.04	18.76
			13	19.50	18.83	19.04	18.76
			25	19.50	18.83	19.04	18.76
	16QAM	1	0	19.50	18.83	19.04	18.76
			13	19.50	18.83	19.04	18.76
			25	19.50	18.83	19.04	18.76
		25	0	19.50	18.83	19.04	18.76
			13	19.50	18.83	19.04	18.76
			25	19.50	18.83	19.04	18.76
		50	0	19.50	18.83	19.04	18.76
			13	19.50	18.83	19.04	18.76
			25	19.50	18.83	19.04	18.76

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	44665	45090	45515
					3707.5MHz	3750MHz	3792.5MHz
15MHz	QPSK	1	0	21.50	20.77	20.96	21.03
			38	21.50	20.80	21.01	20.89
			74	21.50	20.79	21.06	20.97
		36	0	20.00	19.74	20.00	19.85
			18	20.50	19.75	20.01	19.80
			39	20.50	19.75	20.03	19.78
	16QAM	1	0	20.50	19.74	20.01	19.80
			38	20.50	20.23	20.11	20.14
			74	20.50	20.25	20.16	20.01
		36	0	20.50	20.25	20.19	20.07
			18	19.50	18.78	19.10	18.84
			39	19.50	18.79	19.10	18.78
20MHz	QPSK	1	0	19.50	18.79	19.12	18.78
			38	18.74	19.05	19.05	18.87
			74	18.74	19.05	19.05	18.87
		50	0	19.50	18.74	19.05	18.87
			25	19.50	18.74	19.05	18.87
			50	19.50	18.74	19.05	18.87
	16QAM	1	0	20.50	19.74	20.06	19.87
			50	20.50	20.03	20.20	20.26
			99	20.50	20.03	20.22	20.01
		50	0	20.50	19.93	20.29	20.04
			25	19.50	18.85	19.04	18.97
			50	19.50	18.84	19.06	18.90
20MHz	QPSK	1	0	19.50	18.80	19.08	18.85
			38	18.77	19.06	19.06	18.88
			74	18.77	19.06	19.06	18.88
		50	0	19.50	18.77	19.06	18.88
			25	19.50	18.77	19.06	18.88
			50	19.50	18.77	19.06	18.88
20MHz	16QAM	1	0	19.50	18.77	19.06	18.88
			38	18.77	19.06	19.06	18.88
			74	18.77	19.06	19.06	18.88
		50	0	19.50	18.77	19.06	18.88
			25	19.50	18.77	19.06	18.88
			50	19.50	18.77	19.06	18.88

11.1.15 Conducted Power of LTE Band 48

LTE-TDD Band 48				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		55265	55990	56715
					3552.5MHz	3625MHz	3697.5MHz
5MHz	QPSK	1	0	21.50	21.18	20.37	20.64
			13	21.50	21.08	20.37	20.68
			24	21.50	21.04	20.39	20.71
		12	0	20.50	20.09	19.34	19.65
			6	20.50	20.01	19.34	19.68
			13	20.00	20.00	19.34	19.69
	16QAM	1	0	20.50	20.03	19.35	19.69
			0	21.00	20.72	19.63	19.98
			13	21.00	20.63	19.58	20.01
		12	24	21.00	20.57	19.64	20.05
			0	19.50	19.11	18.34	18.70
			6	19.50	19.05	18.32	18.73
		13	19.50	19.04	18.34	18.77	
		25	0	19.00	19.00	18.40	18.69

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	55290	55990	56690
					3555MHz	3625MHz	3695MHz
10MHz	QPSK	1	0	21.50	21.10	20.34	20.66
			25	21.00	20.91	20.33	20.65
			49	21.00	20.84	20.45	20.73
		25	0	20.50	20.01	19.34	19.67
			13	20.00	19.94	19.33	19.68
			25	20.00	19.88	19.34	19.72
	50	0	20.00	19.91	19.37	19.65	
		1	0	21.00	20.56	19.44	19.63
			25	20.50	20.38	19.45	19.61
	49		20.50	20.31	19.56	19.74	
	16QAM	25	0	19.50	19.03	18.31	18.66
			13	19.00	18.92	18.36	18.64
			25	19.00	18.86	18.36	18.70
		50	0	19.00	18.93	18.40	18.63

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	55315	55990	56665	
					3557.5MHz	3625MHz	3692.5MHz	
15MHz	QPSK	1	0	21.50	21.06	20.35	20.76	
			38	21.00	20.81	20.31	20.72	
			74	21.00	20.80	20.49	20.85	
		36	0	20.00	19.95	19.29	19.64	
			18	20.00	19.85	19.31	19.66	
			39	20.00	19.79	19.33	19.70	
	16QAM	75	0	20.00	19.84	19.35	19.67	
			0	20.50	20.50	19.49	19.92	
			38	20.50	20.29	19.49	19.88	
		1	74	20.50	20.26	19.64	19.98	
			36	0	19.50	19.02	18.40	18.63
				18	19.00	18.91	18.39	18.64
20MHz	QPSK	39		19.00	18.88	18.43	18.69	
			75	19.00	18.87	18.36	18.70	
			100	0	21.50	21.05	20.41	20.81
		50		21.00	20.74	20.35	20.66	
		99		21.00	20.85	20.55	20.81	
		50	0	20.00	19.98	19.41	19.75	
	25		20.00	19.86	19.41	19.72		
	50		20.00	19.84	19.46	19.74		
	16QAM	100	0	20.00	19.86	19.42	19.70	
			0	20.50	20.33	19.62	19.97	
			50	20.50	20.03	19.54	19.84	
		1	99	20.50	20.10	19.75	19.97	
50			0	19.50	19.01	18.35	18.79	
			25	19.00	18.90	18.35	18.73	
	50	19.00	18.89	18.41	18.76			
100	0	19.00	18.88	18.40	18.72			

11.1.16 Conducted Power of LTE Band 66

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		131979	132322	132665	
					1710.7MHz	1745.0MHz	1779.3MHz	
1.4MHz	QPSK	1	0	21.50	21.47	21.21	21.36	
			2	21.50	21.49	21.22	21.40	
			5	21.50	21.46	21.20	21.37	
		3	0	21.50	21.47	21.19	21.39	
			2	21.50	21.45	21.18	21.40	
			3	21.50	21.40	21.17	21.39	
	16QAM	6	0	20.50	20.45	20.16	20.40	
			1	0	21.00	20.39	20.42	20.62
				2	21.00	20.38	20.37	20.54
		3		5	21.00	20.36	20.41	20.60
			0	21.00	20.58	20.39	20.56	
			2	21.00	20.58	20.40	20.63	
6	3	21.00	20.56	20.40	20.59			
	0	20.00	19.62	19.32	19.54			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	131987	132322	132657
1711.5MHz						1745.0MHz	1778.5MHz	
3MHz	QPSK	1	0	21.50	21.45	21.18	21.35	
			7	21.50	21.32	21.16	21.39	
			14	21.50	21.29	21.16	20.85	
		8	0	20.50	20.38	20.20	20.36	
			4	20.50	20.32	20.19	20.35	
			7	20.50	20.31	20.17	20.35	
	16QAM	15	0	20.50	20.34	20.17	19.36	
			1	0	21.00	20.83	20.44	19.25
				7	21.00	20.80	20.42	19.30
		8		14	21.00	20.74	20.42	18.26
			0	19.50	19.42	19.22	18.35	
			4	19.50	19.37	19.19	18.34	
15	7	19.50	19.35	19.18	18.32			
	0	19.50	19.39	19.11	18.41			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	131997	132322	132647
1712.5MHz						1745.0MHz	1775.0MHz	
5MHz	QPSK	1	0	22.00	21.62	18.29	18.32	
			13	21.50	21.46	18.28	18.41	
			24	21.50	21.35	18.26	18.39	
		12	0	20.50	20.44	18.25	18.36	
			6	20.50	20.37	18.20	18.35	
			13	20.50	20.33	18.17	18.37	
	16QAM	25	0	20.50	20.40	18.25	18.37	
			1	0	21.50	21.01	18.64	18.68
				13	21.00	20.88	18.69	18.78
		12		24	21.00	20.80	18.59	18.76
			0	19.50	19.46	18.24	18.43	
			6	19.50	19.37	18.19	18.41	
25	13	19.50	19.34	18.19	18.44			
	0	19.50	19.36	18.28	18.35			

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		132022	132322	132622		
					1715.0MHz	1745.0MHz	1775.0MHz		
10MHz	QPSK	1	0	22.00	21.60	18.37	18.44		
			25	21.50	21.38	18.32	18.38		
			49	22.00	21.55	18.28	18.54		
		25	0	20.50	20.41	18.32	18.38		
			13	20.50	20.39	18.27	18.37		
			25	20.50	20.42	18.25	18.39		
	16QAM	50	0	20.50	20.41	18.29	18.36		
			0	21.00	20.99	18.54	18.31		
			25	21.00	20.74	18.45	18.24		
		1	49	20.50	20.13	18.47	18.38		
			0	19.50	19.45	18.30	18.36		
			13	19.50	19.39	18.25	18.35		
	25	25	18.50	18.43	18.24	18.38			
		Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	132047	132322	132597
							1717.5MHz	1745.0MHz	1772.5MHz
	15MHz	QPSK	1	0	22.00	21.55	19.43	18.42	
38				21.50	21.38	19.32	18.41		
74				21.50	21.43	19.27	18.50		
36			0	20.50	20.36	19.31	18.38		
			18	20.50	20.35	18.25	18.32		
			39	20.50	20.42	18.23	18.37		
16QAM		75	0	20.50	20.42	18.26	18.39		
			0	21.00	20.93	18.60	18.49		
			38	21.00	20.86	18.48	18.48		
		1	74	20.50	20.14	18.44	18.55		
			0	19.50	19.40	18.37	18.35		
			18	19.50	19.40	18.31	18.31		
36		39	19.50	19.49	18.30	18.34			
		Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	132072	132322	132572
							1720.0MHz	1745.0MHz	1770.0MHz
20MHz		QPSK	1	0	22.00	21.57	19.51	18.26	
	50			22.00	21.52	19.40	18.38		
	99			21.50	21.43	19.34	18.44		
	50		0	20.50	20.43	19.40	18.36		
			25	20.50	20.47	18.30	18.38		
			50	20.50	20.46	18.30	18.36		
	16 QAM	100	0	20.50	20.41	18.34	18.34		
			0	21.00	20.94	18.71	18.52		
			50	21.00	20.83	18.59	18.62		
		1	99	21.00	20.82	18.57	18.72		
			0	19.50	19.47	18.39	18.35		
			25	20.00	19.51	18.29	18.39		
	50	50	20.00	19.51	18.25	18.39			

11.1.17 Conducted Power of NR n5

NR n5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		165800 829.0MHz	167300 836.5MHz	168800 844.0MHz
5MHz	DFT_BPSK	1@1	LOW	24.00	23.58	23.45	23.47
	DFT_QPSK	25@0	LOW	22.50	22.49	22.36	22.44
	DFT_QPSK	12@6	LOW	23.50	23.48	23.36	23.45
	DFT_QPSK	1@1	LOW	24.00	23.41	23.59	23.36
	DFT_QPSK	1@23	LOW	24.00	23.38	23.58	23.39
	DFT_QAM16	1@1	LOW	23.00	22.48	22.81	22.28
	DFT_QAM64	1@1	LOW	21.50	21.36	21.09	20.85
	DFT_QAM256	1@1	LOW	19.50	19.44	19.09	19.15
	CP_QPSK	1@1	LOW	23.00	22.67	22.37	22.18
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166300 831.5MHz	167300 836.5MHz	168300 841.5MHz
15MHz	DFT_BPSK	1@1	LOW	24.00	23.50	23.72	23.48
	DFT_QPSK	36@0	LOW	22.50	22.43	22.43	22.36
	DFT_QPSK	18@9	LOW	23.50	23.39	23.40	23.38
	DFT_QPSK	1@1	LOW	24.00	23.40	23.75	23.37
	DFT_QPSK	1@36	LOW	24.00	23.30	23.72	23.33
	DFT_QAM16	1@1	LOW	23.00	22.33	22.75	22.28
	DFT_QAM64	1@1	LOW	21.50	20.73	21.27	20.89
	DFT_QAM256	1@1	LOW	19.50	18.82	19.30	18.92
	CP_QPSK	1@1	LOW	22.50	22.02	21.76	22.20
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166800 834.0MHz	167300 836.5MHz	167800 839.0MHz
20MHz	DFT_BPSK	1@1	LOW	23.50	23.41	23.43	23.25
	DFT_QPSK	50@0	LOW	22.50	22.40	22.44	22.36
	DFT_QPSK	25@12	LOW	23.50	23.42	23.39	23.39
	DFT_QPSK	1@1	LOW	24.00	23.51	23.49	23.26
	DFT_QPSK	1@49	LOW	23.50	23.45	23.45	23.19
	DFT_QAM16	1@1	LOW	23.00	22.97	22.46	22.44
	DFT_QAM64	1@1	LOW	21.50	20.84	20.82	21.08
	DFT_QAM256	1@1	LOW	19.00	18.92	18.62	18.90
	CP_QPSK	1@1	LOW	22.50	21.79	21.68	22.19

11.1.18 Conducted Power of NR n7

NR n7				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		501000	507000	513000
					2505.0MHz	2535.0MHz	2565.0MHz
5MHz	DFT_BPSK	1@1	LOW	22.00	21.71	18.44	18.89
	DFT_QPSK	25@0	LOW	21.00	20.92	18.56	18.72
	DFT_QPSK	12@6	LOW	20.00	19.91	18.52	18.69
	DFT_QPSK	1@1	LOW	19.50	19.11	18.50	18.65
	DFT_QPSK	1@23	LOW	19.50	19.03	18.56	18.86
	DFT_QAM16	1@1	LOW	19.50	19.07	18.82	18.75
	DFT_QAM64	1@1	LOW	19.00	18.90	18.24	18.38
	DFT_QAM256	1@1	LOW	17.50	17.28	17.34	17.06
	CP_QPSK	1@1	LOW	19.50	19.17	18.87	18.56
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	19.00	18.92	18.33	18.24
	DFT_QPSK	36@0	LOW	19.00	18.79	18.48	18.59
	DFT_QPSK	18@9	LOW	19.00	18.81	18.42	18.54
	DFT_QPSK	1@1	LOW	19.00	18.84	18.03	18.37
	DFT_QPSK	1@36	LOW	19.00	18.62	18.08	18.64
	DFT_QAM16	1@1	LOW	19.00	18.72	18.68	18.13
	DFT_QAM64	1@1	LOW	19.50	19.32	18.83	18.41
	DFT_QAM256	1@1	LOW	17.50	17.43	16.92	16.85
		CP_QPSK	1@1	LOW	19.00	18.69	18.47
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	19.00	18.84	18.42	18.20
	DFT_QPSK	50@0	LOW	19.00	18.73	18.48	18.49
	DFT_QPSK	25@12	LOW	19.00	18.70	18.44	18.50
	DFT_QPSK	1@1	LOW	19.00	18.89	18.51	18.56
	DFT_QPSK	1@49	LOW	19.00	18.52	18.54	18.93
	DFT_QAM16	1@1	LOW	19.00	18.67	18.38	18.48
	DFT_QAM64	1@1	LOW	19.00	18.59	18.36	18.52
	DFT_QAM256	1@1	LOW	17.50	17.17	16.99	16.92
		CP_QPSK	1@1	LOW	19.50	19.15	18.42

11.1.19 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	24.00	23.51	23.75	23.53
	DFT_QPSK	25@0	LOW	23.00	22.67	22.50	22.40
	DFT_QPSK	12@6	LOW	24.00	23.72	23.52	23.41
	DFT_QPSK	1@1	LOW	24.00	23.59	23.49	23.36
	DFT_QPSK	1@23	LOW	24.00	23.54	23.38	23.51
	DFT_QAM16	1@1	LOW	23.00	22.87	22.58	22.49
	DFT_QAM64	1@1	LOW	21.50	20.92	20.90	21.32
	DFT_QAM256	1@1	LOW	19.50	19.50	18.93	19.39
	CP_QPSK	1@1	LOW	23.00	22.59	22.01	22.70
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	24.00	23.58	23.47	23.51
	DFT_QPSK	50@0	LOW	23.00	22.62	22.52	22.42
	DFT_QPSK	25@12	LOW	24.00	23.60	23.50	23.42
	DFT_QPSK	1@1	LOW	24.00	23.27	23.34	23.61
	DFT_QPSK	1@50	LOW	24.00	23.13	23.18	23.51
	DFT_QAM16	1@1	LOW	23.00	22.55	22.52	22.11
	DFT_QAM64	1@1	LOW	21.50	21.30	20.76	20.75
	DFT_QAM256	1@1	LOW	19.00	18.83	18.87	18.85
	CP_QPSK	1@1	LOW	22.50	22.11	21.83	22.12
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	24.00	23.89	23.70	23.58
	DFT_QPSK	75@0	LOW	23.00	22.55	22.54	22.50
	DFT_QPSK	36@18	LOW	24.00	23.53	23.50	23.45
	DFT_QPSK	1@1	LOW	24.00	23.93	23.61	23.61
	DFT_QPSK	1@77	LOW	24.00	23.76	23.36	23.46
	DFT_QAM16	1@1	LOW	23.50	22.92	22.62	23.24
	DFT_QAM64	1@1	LOW	22.00	21.54	21.20	21.32
	DFT_QAM256	1@1	LOW	20.00	19.59	19.15	19.21
	CP_QPSK	1@1	LOW	22.50	21.80	22.34	22.25

11.1.20 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	22.50	21.82	22.13	21.74
	DFT_QPSK	24@0	LOW	21.00	20.95	20.93	20.74
	DFT_QPSK	12@6	LOW	22.50	22.02	21.75	21.79
	DFT_QPSK	1@1	LOW	22.50	21.91	22.06	21.56
	DFT_QPSK	1@22	LOW	22.50	22.14	21.92	21.58
	DFT_QAM16	1@1	LOW	22.00	21.50	21.85	20.39
	DFT_QAM64	1@1	LOW	20.00	18.96	19.31	19.64
	DFT_QAM256	1@1	LOW	18.00	17.56	17.36	17.44
	CP_QPSK	1@1	LOW	21.50	20.44	21.04	21.24
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	22.00	21.69	21.70	21.64
	DFT_QPSK	36@0	LOW	21.50	21.04	20.90	20.74
	DFT_QPSK	18@9	LOW	22.50	22.03	21.84	21.72
	DFT_QPSK	1@1	LOW	22.00	21.75	21.63	21.84
	DFT_QPSK	1@36	LOW	22.00	21.92	21.50	21.84
	DFT_QAM16	1@1	LOW	21.00	20.88	20.64	19.92
	DFT_QAM64	1@1	LOW	20.00	19.53	19.14	18.90
	DFT_QAM256	1@1	LOW	17.50	17.21	17.44	16.62
	CP_QPSK	1@1	LOW	21.00	20.52	20.06	19.62
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	22.00	21.90	21.69	21.57
	DFT_QPSK	50@0	LOW	21.00	21.00	20.80	20.79
	DFT_QPSK	25@12	LOW	22.50	22.08	21.96	21.85
	DFT_QPSK	1@1	LOW	22.00	21.86	22.00	21.73
	DFT_QPSK	1@49	LOW	22.00	21.97	21.78	21.81
	DFT_QAM16	1@1	LOW	22.00	20.93	20.87	21.72
	DFT_QAM64	1@1	LOW	19.50	19.33	19.47	18.83
	DFT_QAM256	1@1	LOW	18.00	17.49	17.76	17.16
	CP_QPSK	1@1	LOW	20.50	19.76	20.09	20.08

11.1.21 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	22.00	21.76	21.91	21.37
	DFT QPSK	50@0	LOW	21.00	20.79	20.91	20.59
	DFT QPSK	25@12	LOW	22.50	22.13	21.94	21.66
	DFT QPSK	1@1	LOW	22.50	22.03	21.97	21.67
	DFT QPSK	1@49	LOW	22.00	21.86	21.63	21.70
	DFT QAM16	1@1	LOW	21.00	20.28	20.96	20.50
	DFT QAM64	1@1	LOW	19.50	19.36	19.40	19.10
	DFT QAM256	1@1	LOW	18.00	17.19	17.63	17.32
	CP QPSK	1@1	LOW	20.00	19.52	19.90	19.81
50MHz	DFT BPSK	1@1	LOW	22.00	21.56	21.71	20.93
	DFT QPSK	128@0	LOW	21.00	20.61	20.69	20.44
	DFT QPSK	64@32	LOW	22.00	21.73	21.84	21.46
	DFT QPSK	1@1	LOW	22.00	21.73	21.70	20.77
	DFT QPSK	1@131	LOW	22.00	21.57	21.77	21.37
	DFT QAM16	1@1	LOW	22.00	21.62	20.95	19.88
	DFT QAM64	1@1	LOW	19.50	18.92	19.03	18.57
	DFT QAM256	1@1	LOW	17.50	17.16	16.79	16.57
	CP QPSK	1@1	LOW	20.50	20.14	19.84	20.05
100MHz	DFT BPSK	1@1	LOW	22.00	21.85	21.46	21.73
	DFT QPSK	270@0	LOW	21.00	20.84	20.66	20.69
	DFT QPSK	135@67	LOW	22.00	21.74	21.89	21.56
	DFT QPSK	1@1	LOW	22.00	21.78	21.47	21.79
	DFT QPSK	1@271	LOW	22.00	21.70	20.98	21.87
	DFT QAM16	1@1	LOW	21.50	21.04	20.43	20.13
	DFT QAM64	1@1	LOW	19.50	19.42	18.95	19.20
	DFT QAM256	1@1	LOW	17.50	17.25	17.04	17.08
	CP QPSK	1@1	LOW	20.50	20.15	19.79	19.81

11.1.22 Conducted Power of NR n48

NR n48				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	22.50	22.03	21.76	21.69
	DFT_QPSK	50@0	LOW	21.00	20.86	20.84	20.63
	DFT_QPSK	25@12	LOW	22.00	21.99	21.95	21.74
	DFT_QPSK	1@1	LOW	22.50	22.12	22.01	21.74
	DFT_QPSK	1@49	LOW	22.50	22.04	21.94	21.78
	DFT_QAM16	1@1	LOW	21.50	20.82	20.98	21.11
	DFT_QAM64	1@1	LOW	20.00	19.16	19.66	18.83
	DFT_QAM256	1@1	LOW	18.00	17.76	17.52	17.40
CP_QPSK	1@1	LOW	20.50	20.47	20.33	20.35	
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	22.03	21.63	21.40
	DFT_QPSK	128@0	LOW	21.00	20.95	20.73	20.61
	DFT_QPSK	64@32	LOW	22.00	21.97	21.81	21.69
	DFT_QPSK	1@1	LOW	22.50	22.05	21.60	21.30
	DFT_QPSK	1@131	LOW	22.00	21.89	21.37	21.65
	DFT_QAM16	1@1	LOW	21.50	21.03	20.63	20.27
	DFT_QAM64	1@1	LOW	19.50	19.50	19.30	18.89
	DFT_QAM256	1@1	LOW	17.50	17.38	17.36	16.77
CP_QPSK	1@1	LOW	20.50	20.30	20.33	19.85	
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	22.00	21.95	21.89	21.73
	DFT_QPSK	270@0	LOW	21.00	20.83	20.79	20.67
	DFT_QPSK	135@67	LOW	22.00	21.94	21.75	21.63
	DFT_QPSK	1@1	LOW	22.00	21.91	21.94	21.65
	DFT_QPSK	1@271	LOW	22.00	21.34	21.60	21.69
	DFT_QAM16	1@1	LOW	21.50	21.09	20.56	20.69
	DFT_QAM64	1@1	LOW	19.50	19.36	19.28	19.21
	DFT_QAM256	1@1	LOW	18.00	17.53	17.32	17.46
CP_QPSK	1@1	LOW	21.00	20.53	20.47	20.01	

11.1.23 Conducted Power of NR n66

NR n66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		343000	349000	355000
					1715.0MHz	1745.0MHz	1775.0MHz
5MHz	DFT_BPSK	1@1	LOW	22.50	22.16	19.75	19.31
	DFT_QPSK	24@0	LOW	21.50	21.38	19.43	19.02
	DFT_QPSK	12@6	LOW	20.50	20.37	19.47	19.08
	DFT_QPSK	1@1	LOW	19.50	19.23	19.50	19.12
	DFT_QPSK	1@22	LOW	19.50	19.38	19.45	18.97
	DFT_QAM16	1@1	LOW	20.00	19.58	19.58	19.35
	DFT_QAM64	1@1	LOW	20.00	18.94	19.32	19.52
	DFT_QAM256	1@1	LOW	18.50	18.10	17.90	18.04
	CP_QPSK	1@1	LOW	20.00	19.62	19.56	19.84
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	344000	349000	354000
					1720.0MHz	1745.0MHz	1770.0MHz
20MHz	DFT_BPSK	1@1	LOW	19.50	19.20	19.45	19.31
	DFT_QPSK	50@0	LOW	20.00	19.51	19.53	19.25
	DFT_QPSK	25@12	LOW	20.00	19.55	19.58	19.25
	DFT_QPSK	1@1	LOW	19.50	19.23	19.43	19.38
	DFT_QPSK	1@49	LOW	20.00	19.61	19.36	19.00
	DFT_QAM16	1@1	LOW	20.00	19.03	19.62	19.12
	DFT_QAM64	1@1	LOW	19.50	19.47	19.46	19.11
	DFT_QAM256	1@1	LOW	18.00	17.50	17.91	17.61
	CP_QPSK	1@1	LOW	20.00	19.35	19.58	19.75
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	346000	349000	352000
					1730.0MHz	1745.0MHz	1760.0MHz
40MHz	DFT_BPSK	1@1	LOW	19.50	19.18	19.26	19.35
	DFT_QPSK	100@0	LOW	19.50	19.32	19.28	19.15
	DFT_QPSK	50@25	LOW	19.50	19.45	19.35	19.22
	DFT_QPSK	1@1	LOW	19.50	19.05	19.40	19.32
	DFT_QPSK	1@104	LOW	19.50	19.25	19.14	18.89
	DFT_QAM16	1@1	LOW	20.00	19.02	19.34	19.64
	DFT_QAM64	1@1	LOW	19.50	18.99	19.49	19.13
	DFT_QAM256	1@1	LOW	18.00	17.71	17.94	17.87
	CP_QPSK	1@1	LOW	19.50	19.02	19.34	19.27

11.1.24 Conducted Power of NR n77(3450-3550)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334 3455.0MHz	633334 3500.0MHz	636332 3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.50	22.34	22.16	21.77
	DFT_QPSK	24@0	LOW	21.50	21.35	20.92	20.91
	DFT_QPSK	12@6	LOW	22.50	22.30	22.03	22.03
	DFT_QPSK	1@1	LOW	22.50	22.44	22.18	22.05
	DFT_QPSK	1@22	LOW	22.50	22.43	22.12	22.10
	DFT_QAM16	1@1	LOW	21.50	21.04	20.87	21.05
	DFT_QAM64	1@1	LOW	20.00	19.62	19.29	19.74
	DFT_QAM256	1@1	LOW	18.00	17.46	17.80	17.38
	CP_QPSK	1@1	LOW	21.00	21.00	20.65	20.40
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	22.50	22.30	22.29	21.90
	DFT_QPSK	128@0	LOW	21.50	21.22	20.96	20.82
	DFT_QPSK	64@32	LOW	22.50	22.27	22.01	21.70
	DFT_QPSK	1@1	LOW	22.50	22.16	22.26	21.84
	DFT_QPSK	1@131	LOW	22.00	21.86	21.64	21.89
	DFT_QAM16	1@1	LOW	22.00	21.53	21.24	20.89
	DFT_QAM64	1@1	LOW	20.00	19.68	19.76	19.38
	DFT_QAM256	1@1	LOW	18.00	17.88	17.60	17.53
	CP_QPSK	1@1	LOW	21.00	20.71	20.63	20.46
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	22.50	22.21		
	DFT_QPSK	270@0	LOW	21.50	21.03		
	DFT_QPSK	135@67	LOW	22.00	21.90		
	DFT_QPSK	1@1	LOW	22.50	22.18		
	DFT_QPSK	1@271	LOW	22.00	21.81		
	DFT_QAM16	1@1	LOW	21.50	21.13		
	DFT_QAM64	1@1	LOW	20.00	19.78		
	DFT_QAM256	1@1	LOW	18.00	17.74		
	CP_QPSK	1@1	LOW	21.00	20.76		

11.1.25 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	22.00	21.91	21.78	21.67
	DFT QPSK	24@0	LOW	21.00	20.86	20.74	20.63
	DFT QPSK	12@6	LOW	22.00	21.82	21.74	21.76
	DFT QPSK	1@1	LOW	22.00	21.75	21.92	21.76
	DFT QPSK	1@22	LOW	22.00	21.65	21.86	21.83
	DFT QAM16	1@1	LOW	21.00	20.87	20.45	20.46
	DFT QAM64	1@1	LOW	19.50	19.32	19.12	18.84
	DFT QAM256	1@1	LOW	17.50	17.46	16.93	17.17
	CP QPSK	1@1	LOW	21.00	20.64	20.23	19.99
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	22.00	21.89	21.64	21.30
	DFT QPSK	128@0	LOW	21.00	20.96	20.72	20.42
	DFT QPSK	64@32	LOW	22.00	21.98	21.84	21.49
	DFT QPSK	1@1	LOW	22.00	21.91	21.63	21.33
	DFT QPSK	1@131	LOW	22.00	21.77	21.31	21.69
	DFT QAM16	1@1	LOW	21.50	20.88	21.01	20.41
	DFT QAM64	1@1	LOW	20.00	19.72	19.08	18.73
	DFT QAM256	1@1	LOW	18.00	17.55	17.27	16.51
	CP QPSK	1@1	LOW	20.50	20.42	20.09	19.69
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	22.00	21.87	21.95	21.63
	DFT QPSK	270@0	LOW	21.00	20.87	20.74	20.63
	DFT QPSK	135@67	LOW	22.00	21.97	21.64	21.61
	DFT QPSK	1@1	LOW	22.00	21.84	21.86	21.55
	DFT QPSK	1@271	LOW	22.00	21.33	21.46	21.62
	DFT QAM16	1@1	LOW	21.00	20.87	20.85	20.69
	DFT QAM64	1@1	LOW	19.50	19.42	19.47	19.04
	DFT QAM256	1@1	LOW	18.00	17.55	17.41	17.20
	CP QPSK	1@1	LOW	21.00	20.47	20.58	20.07

11.1.26 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	21.62	22.04	22.18
	DFT_QPSK	24@0	LOW	21.50	20.49	20.88	21.25
	DFT_QPSK	12@6	LOW	22.50	21.62	22.07	22.33
	DFT_QPSK	1@1	LOW	22.50	21.76	22.13	22.45
	DFT_QPSK	1@22	LOW	23.00	21.68	22.16	22.55
	DFT_QAM16	1@1	LOW	21.50	20.26	20.84	21.49
	DFT_QAM64	1@1	LOW	20.50	18.94	19.19	20.07
	DFT_QAM256	1@1	LOW	18.00	16.72	17.56	17.81
	CP_QPSK	1@1	LOW	21.00	19.97	20.45	20.89
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	21.47	21.76	21.77
	DFT_QPSK	128@0	LOW	21.50	20.42	20.87	21.09
	DFT_QPSK	64@32	LOW	22.50	21.50	21.89	22.10
	DFT_QPSK	1@1	LOW	22.00	21.46	21.78	21.74
	DFT_QPSK	1@131	LOW	22.50	21.33	21.88	22.24
	DFT_QAM16	1@1	LOW	21.00	20.85	20.76	20.75
	DFT_QAM64	1@1	LOW	19.50	18.75	19.15	19.35
	DFT_QAM256	1@1	LOW	17.50	17.04	16.95	17.40
	CP_QPSK	1@1	LOW	20.50	19.92	20.11	20.31
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	21.44	21.48	21.78
	DFT_QPSK	270@0	LOW	21.50	20.48	20.85	21.10
	DFT_QPSK	135@67	LOW	22.50	21.45	21.94	22.02
	DFT_QPSK	1@1	LOW	22.00	21.40	21.44	21.82
	DFT_QPSK	1@271	LOW	22.50	21.61	21.60	22.36
	DFT_QAM16	1@1	LOW	21.00	20.34	20.57	20.50
	DFT_QAM64	1@1	LOW	19.50	18.97	18.92	19.13
	DFT_QAM256	1@1	LOW	17.50	16.81	17.04	17.16
	CP_QPSK	1@1	LOW	20.50	19.87	19.94	20.31

11.1.27 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	22.50	22.48	21.83	21.92
	DFT_QPSK	24@0	LOW	21.50	21.37	20.93	20.99
	DFT_QPSK	12@6	LOW	22.50	22.48	22.13	22.00
	DFT_QPSK	1@1	LOW	23.00	22.53	22.07	21.86
	DFT_QPSK	1@22	LOW	23.00	22.55	22.08	22.03
	DFT_QAM16	1@1	LOW	21.50	21.24	21.07	21.20
	DFT_QAM64	1@1	LOW	20.00	19.67	19.86	19.03
	DFT_QAM256	1@1	LOW	18.50	18.14	17.40	17.74
	CP_QPSK	1@1	LOW	21.00	20.98	20.47	20.58
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	22.50	22.33	22.09	21.79
	DFT_QPSK	128@0	LOW	21.50	21.34	20.92	20.73
	DFT_QPSK	64@32	LOW	22.50	22.34	21.93	21.63
	DFT_QPSK	1@1	LOW	22.50	22.35	22.06	21.77
	DFT_QPSK	1@131	LOW	22.50	22.04	21.43	21.90
	DFT_QAM16	1@1	LOW	21.50	21.34	21.07	20.69
	DFT_QAM64	1@1	LOW	20.00	19.80	19.60	19.33
	DFT_QAM256	1@1	LOW	18.00	17.69	17.81	17.29
	CP_QPSK	1@1	LOW	21.00	20.70	20.69	20.38
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	22.50	22.15		
	DFT_QPSK	270@0	LOW	21.50	21.02		
	DFT_QPSK	135@67	LOW	22.00	21.89		
	DFT_QPSK	1@1	LOW	22.50	22.07		
	DFT_QPSK	1@271	LOW	22.00	21.76		
	DFT_QAM16	1@1	LOW	21.50	21.35		
	DFT_QAM64	1@1	LOW	20.00	19.59		
	DFT_QAM256	1@1	LOW	18.00	17.73		
	CP_QPSK	1@1	LOW	21.00	20.86		

11.1.28 Conducted Power of NR n78(3550-3700)

NR n78					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	637000	641666	646332
					3560.0MHz	3625.0MHz	3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.00	21.97	21.89	21.43
	DFT_QPSK	24@0	LOW	21.00	20.82	20.71	20.59
	DFT_QPSK	12@6	LOW	22.00	21.93	21.80	21.69
	DFT_QPSK	1@1	LOW	22.50	22.13	21.99	21.71
	DFT_QPSK	1@22	LOW	22.00	21.92	21.82	21.85
	DFT_QAM16	1@1	LOW	21.00	20.64	20.74	20.67
	DFT_QAM64	1@1	LOW	19.50	19.27	19.08	19.27
	DFT_QAM256	1@1	LOW	17.50	17.13	17.46	17.07
	CP_QPSK	1@1	LOW	21.00	20.60	20.17	20.04
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	22.00	21.90	21.71	21.30
	DFT_QPSK	128@0	LOW	21.00	20.93	20.71	20.56
	DFT_QPSK	64@32	LOW	22.00	21.98	21.75	21.49
	DFT_QPSK	1@1	LOW	22.00	21.82	21.71	21.26
	DFT_QPSK	1@131	LOW	22.00	21.70	21.47	21.55
	DFT_QAM16	1@1	LOW	21.50	21.22	20.80	20.27
	DFT_QAM64	1@1	LOW	19.50	19.30	19.16	18.92
	DFT_QAM256	1@1	LOW	18.00	17.55	17.04	17.01
	CP_QPSK	1@1	LOW	20.50	20.37	20.04	19.98
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	22.00	21.89	21.73	21.53
	DFT_QPSK	128@0	LOW	21.00	20.70	20.65	20.52
	DFT_QPSK	64@32	LOW	22.00	21.81	21.59	21.45
	DFT_QPSK	1@1	LOW	22.00	21.85	21.68	21.54
	DFT_QPSK	1@131	LOW	22.00	21.18	21.32	21.61
	DFT_QAM16	1@1	LOW	21.00	20.78	20.83	20.15
	DFT_QAM64	1@1	LOW	19.50	19.42	19.17	18.87
	DFT_QAM256	1@1	LOW	17.50	17.39	17.37	16.93
	CP_QPSK	1@1	LOW	20.50	20.50	20.25	20.06

11.1.29 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	22.00	21.72	21.34	21.59
	DFT_QPSK	24@0	LOW	21.00	20.50	20.35	20.63
	DFT_QPSK	12@6	LOW	22.00	21.63	21.48	21.65
	DFT_QPSK	1@1	LOW	22.00	21.83	21.55	21.57
	DFT_QPSK	1@22	LOW	22.00	21.78	21.49	21.69
	DFT_QAM16	1@1	LOW	21.00	20.58	20.54	20.90
	DFT_QAM64	1@1	LOW	19.50	18.90	19.15	18.61
	DFT_QAM256	1@1	LOW	17.50	17.27	16.88	17.26
	CP_QPSK	1@1	LOW	20.50	20.05	19.87	20.25
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	21.52	21.32	21.19
	DFT_QPSK	128@0	LOW	20.50	20.48	20.42	20.43
	DFT_QPSK	64@32	LOW	22.00	21.52	21.43	21.49
	DFT_QPSK	1@1	LOW	22.00	21.59	21.28	21.17
	DFT_QPSK	1@131	LOW	22.00	21.50	21.39	21.58
	DFT_QAM16	1@1	LOW	21.00	20.59	20.28	20.07
	DFT_QAM64	1@1	LOW	19.00	18.95	18.89	18.71
	DFT_QAM256	1@1	LOW	17.00	16.74	16.97	16.60
	CP_QPSK	1@1	LOW	20.00	19.97	19.95	19.68
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000		
					3750.0MHz		
100MHz	DFT_BPSK	1@1	LOW	21.50		21.41	
	DFT_QPSK	270@0	LOW	20.50		20.47	
	DFT_QPSK	135@67	LOW	21.50		21.44	
	DFT_QPSK	1@1	LOW	21.50		21.38	
	DFT_QPSK	1@271	LOW	22.00		21.53	
	DFT_QAM16	1@1	LOW	20.50		20.45	
	DFT_QAM64	1@1	LOW	19.00		18.86	
	DFT_QAM256	1@1	LOW	17.50		17.01	
	CP_QPSK	1@1	LOW	20.00		19.68	

11.1.30 Conducted Power of Wi-Fi 2.4G

Mode	802.11b			Tune-up(dBm)
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)	18.00
Average Power(dBm)	16.10	17.70	16.01	
Mode	802.11g			
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)	17.50
Average Power(dBm)	15.60	17.31	15.41	
Mode	802.11n(HT20)			
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)	17.50
Average Power(dBm)	15.84	17.43	15.78	
Mode	802.11n(HT40)			
Channel/Frequency(MHz)	3(2422)	6(2437)	9 (2452)	15.50
Average Power(dBm)	14.60	14.55	15.01	

11.1.31 Conducted Power of Wi-Fi 5G

Band	Mode	Channel	Frequency(MHz)	Tune-up(dBm)	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	10.50	10.09	No
		48	5240	11.00	10.62	No
	802.11n-HT20	36	5180	12.50	12.09	No
		48	5240	12.50	12.39	Yes
	802.11n-HT40	38	5190	12.00	11.69	No
		46	5230	11.00	10.72	No
	802.11ac-VHT20	36	5180	12.00	11.71	No
		48	5240	12.50	12.13	No
	802.11ac-VHT40	38	5190	10.00	9.99	No
		46	5230	11.00	10.71	No
	802.11ac-VHT80	42	5210	10.50	10.38	No
Band	Mode	Channel	Frequency (MHz)	Tune-up(dBm)	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	11.50	11.40	No
		64	5320	11.00	10.57	No
	802.11n-HT20	52	5260	13.50	13.25	Yes
		64	5320	12.50	12.20	No
	802.11n-HT40	54	5270	13.00	12.65	No
		62	5310	12.00	11.75	No
	802.11ac-VHT20	52	5260	13.00	12.88	No
		64	5320	12.00	11.95	No
	802.11ac-VHT40	54	5270	12.00	11.78	No
		62	5310	11.50	11.05	No
	802.11ac-VHT80	58	5290	11.50	11.06	No

Band	Mode	Channel	Frequency (MHz)	Tune-up(dBm)	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	11.50	11.20	No
		140	5700	10.50	10.09	No
	802.11n-HT20	100	5500	13.00	12.67	Yes
		140	5700	12.00	11.76	No
	802.11n-HT40	102	5510	11.50	11.29	No
		134	5670	11.50	11.03	No
	802.11ac-VHT20	100	5500	12.50	12.26	No
		140	5700	12.00	11.51	No
	802.11ac-VHT40	102	5510	10.50	10.43	No
		134	5670	10.00	9.89	No
U-NII-3 (5725-5825)	802.11a	106	5530	10.50	10.38	No
		122	5610	11.00	10.80	No
	802.11a	149	5745	10.50	10.25	No
		165	5825	9.50	9.33	No
	802.11n-HT20	149	5745	12.50	12.16	Yes
		165	5825	11.50	11.16	No
	802.11n-HT40	151	5755	11.50	11.06	No
		159	5795	11.50	11.07	No
	802.11ac-VHT20	149	5745	12.00	11.74	No
		165	5825	11.00	10.82	No
U-NII-3 (5725-5825)	802.11ac-VHT40	151	5755	11.00	10.61	No
		159	5795	11.00	10.51	No
	802.11ac-VHT80	155	5775	10.50	10.25	No

11.1.32 Conducted Power of BT

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
	GFSK	10.00	9.51	6.82	7.92
	π/4QPSK	10.00	9.64	7.05	8.05
	8DPSK	10.00	9.59	6.91	7.99
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
	1Mbps	4.00	3.55	1.86	1.60
	2Mbps	3.00	2.86	1.88	0.87

Note-

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

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

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

where

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

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

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

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

11.2 Tune-up power tolerance

Band	Tune-up power tolerance(dBm)		
GSM850	SM/GPRS (GMSK)	GSM	Max Tune-up power =34.50
		1TXslots	Max Tune-up power =34.50
		2TXslots	Max Tune-up power =33.50
		3TXslots	Max Tune-up power =31.50
		4TXslots	Max Tune-up power =30.00
GSM1900	GSM/GPRS (GMSK)	GSM	Max Tune-up power =31.00
		1TXslots	Max Tune-up power =31.00
		2TXslots	Max Tune-up power =30.50
		3TXslots	Max Tune-up power =28.50
		4TXslots	Max Tune-up power =27.50
WCDMA 2			Max Tune-up power =24.50
WCDMA 4			Max Tune-up power =23.00
WCDMA 5			Max Tune-up power =24.50
LTE B2			Max Tune-up power =21.50
LTE B4			Max Tune-up power =22.00
LTE B5			Max Tune-up power =22.50
LTE B7			Max Tune-up power =21.50
LTE B12			Max Tune-up power =22.50
LTE B13			Max Tune-up power =22.00
LTE B17			Max Tune-up power =22.00
LTE B38			Max Tune-up power =21.50
LTE B41			Max Tune-up power =21.50
LTE B42(3450-3550)			Max Tune-up power =21.50
LTE B43(3600-3700)			Max Tune-up power =21.00
LTE B43(3700-3800)			Max Tune-up power =21.50
LTE B48			Max Tune-up power =21.50
LTE B66			Max Tune-up power =22.00
NR n5			Max Tune-up power =24.00
NR n7			Max Tune-up power =22.00
NR n12			Max Tune-up power =24.00
NR n38			Max Tune-up power =22.50
NR n41			Max Tune-up power =22.50
NR n48			Max Tune-up power =22.50
NR n66			Max Tune-up power =22.50
NR n77(3450-3550)			Max Tune-up power =22.50
NR n77(3550-3700)			Max Tune-up power =22.00
NR n77(3700-3980)			Max Tune-up power =23.00
NR n78(3450-3550)			Max Tune-up power =23.00
NR n78(3550-3700)			Max Tune-up power =22.50
NR n78(3700-3800)			Max Tune-up power =22.00

Band	Tune-up power tolerance(dBm)		
WIFI	2.4G	802.11b	Max Tune-up power =18.00
		802.11g	Max Tune-up power =17.50
		802.11n (HT20)	Max Tune-up power =17.50
		802.11n (HT40)	Max Tune-up power =15.50
	U-NII-1(5150-5250)	802.11n-HT20	Max Tune-up power =12.50
	U-NII-2a(5250-5350)	802.11n-HT20	Max Tune-up power =13.50
	U-NII-2c(5470-5725)	802.11n-HT20	Max Tune-up power =13.00
	U-NII-3(5725-5825)	802.11n-HT20	Max Tune-up power =12.50
BT	GFSK mode		Max Tune-up power =10.00
	Pi/4DQPSK mode		Max Tune-up power =10.00
	8DPSK mode		Max Tune-up power =10.00
BLE	1Mbps Power		Max Tune-up power =4.00
	2Mbps Power		Max Tune-up power =3.00

11.3 SAR test results

Notes:

1) Per KDB447498, the SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the scaled SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit ($< 0.8 \text{ W/kg}$), testing at the high and low channels is optional.

2) Per KDB447498, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is: $\leq 0.8 \text{ W/kg}$ or 2.0 W/kg , for 1-g or 10-g respectively, when the transmission band is $\leq 100 \text{ MHz}$. When the maximum output power variation across the required test channels is $> \frac{1}{2} \text{ dB}$, instead of the middle channel, the highest output power channel must be used.

3) Per KDB447498, All measurement SAR result is scaled-up to account for tune-up tolerance is compliant.

4) Per KDB648474 D04v01r02, body-worn accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for body-worn with headset SAR.

5) Per KDB248227 D01v01r02, the procedures required to establish specific device operating configurations for testing the SAR of 802.11 a/b/g transmitters.

(1) For Headsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is $\leq 0.4 \text{ W/kg}$, SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is $\leq 0.8 \text{ W/kg}$ or all test positions are measured.

(2) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is $\leq 0.8 \text{ W/kg}$, no further SAR testing is required. Otherwise, SAR is evaluated at the next highest measured output power channel. When any reported SAR is $> 1.2 \text{ W/kg}$, SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is $\leq 1.2 \text{ W/kg}$.

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

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

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

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

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

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

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

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

(2) QPSK with 100% RB allocation

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

tested.

(3) Higher order modulations

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

(4) Other channel bandwidth

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

11.4 Test Result

11.4.1 Results overview of GSM

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 850 (voice)	Left Cheek	251	848.8	0.040	0.130	100	1.00	34.11	34.50	1.094	0.142
	Left Tilt	251	848.8	-0.060	0.104	100	1.00	34.11	34.50	1.094	0.114
	Right Cheek	251	848.8	-0.050	0.212	100	1.00	34.11	34.50	1.094	0.232
	Right Tilt	251	848.8	0.030	0.280	100	1.00	34.11	34.50	1.094	0.306
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	0.150	0.451	100	1.00	34.11	34.50	1.094	0.493
	Back	251	848.8	-0.180	0.483	100	1.00	34.11	34.50	1.094	0.528
	Left	251	848.8	0.090	0.078	100	1.00	34.11	34.50	1.094	0.085
	Right	251	848.8	-0.100	0.067	100	1.00	34.11	34.50	1.094	0.073
	Top	251	848.8	-0.120	0.441	100	1.00	34.11	34.50	1.094	0.482
	Bottom	251	848.8	0.010	0.002	100	1.00	34.11	34.50	1.094	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)
GSM 1900 (voice)	Left Cheek	661	1880	0.060	0.136	100	1.00	30.87	31.00	1.030	0.140
	Left Tilt	661	1880	-0.120	0.185	100	1.00	30.87	31.00	1.030	0.191
	Right Cheek	661	1880	-0.100	0.297	100	1.00	30.87	31.00	1.030	0.306
	Right Tilt	661	1880	-0.050	0.448	100	1.00	30.87	31.00	1.030	0.462
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	661	1880	-0.070	0.113	100	1.00	30.87	31.00	1.030	0.116
	Back	661	1880	0.080	0.144	100	1.00	30.87	31.00	1.030	0.148
	Left	661	1880	-0.050	0.058	100	1.00	30.87	31.00	1.030	0.060
	Right	661	1880	0.010	0.041	100	1.00	30.87	31.00	1.030	0.042
	Top	661	1880	-0.040	0.186	100	1.00	30.87	31.00	1.030	0.192
	Bottom	661	1880	-0.010	0.002	100	1.00	30.87	31.00	1.030	0.002

11.4.2 Results overview of WCDMA

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Left Cheek	9400	1880	0.090	0.277	100	1.00	24.02	24.50	1.117	0.309
	Left Tilt	9400	1880	-0.170	0.355	100	1.00	24.02	24.50	1.117	0.396
	Right Cheek	9400	1880	-0.090	0.745	100	1.00	24.02	24.50	1.117	0.832
	Right Tilt	9400	1880	0.000	0.903	100	1.00	24.02	24.50	1.117	1.009
	Right Tilt	9400	1880	-0.100	0.890	100	1.00	24.02	24.50	1.117	0.994
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	-0.040	0.101	100	1.00	24.02	24.50	1.117	0.113
	Back	9400	1880	-0.050	0.133	100	1.00	24.02	24.50	1.117	0.149
	Left	9400	1880	0.080	0.064	100	1.00	24.02	24.50	1.117	0.071
	Right	9400	1880	-0.110	0.041	100	1.00	24.02	24.50	1.117	0.046
	Top	9400	1880	-0.050	0.181	100	1.00	24.02	24.50	1.117	0.202
	Bottom	9400	1880	-0.010	0.003	100	1.00	24.02	24.50	1.117	0.003

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
WCDMA Band 2	9400	Right Tilt	0.903	0.890	1.01

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	-0.070	0.125	100	1.00	22.95	23.00	1.012	0.126
	Left Tilt	1413	1732.6	0.060	0.198	100	1.00	22.95	23.00	1.012	0.200
	Right Cheek	1413	1732.6	-0.090	0.305	100	1.00	22.95	23.00	1.012	0.309
	Right Tilt	1413	1732.6	0.060	0.447	100	1.00	22.95	23.00	1.012	0.452
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	0.080	0.048	100	1.00	22.95	23.00	1.012	0.049
	Back	1413	1732.6	-0.090	0.055	100	1.00	22.95	23.00	1.012	0.056
	Left	1413	1732.6	-0.120	0.021	100	1.00	22.95	23.00	1.012	0.021
	Right	1413	1732.6	-0.110	0.015	100	1.00	22.95	23.00	1.012	0.015
	Top	1413	1732.6	-0.160	0.065	100	1.00	22.95	23.00	1.012	0.066
	Bottom	1413	1732.6	0.010	0.004	100	1.00	22.95	23.00	1.012	0.004

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Left Cheek	4132	826.4	-0.030	0.310	100	1.00	24.18	24.50	1.076	0.334
	Left Tilt	4132	826.4	0.010	0.197	100	1.00	24.18	24.50	1.076	0.212
	Right Cheek	4132	826.4	-0.120	0.647	100	1.00	24.18	24.50	1.076	0.696
	Right Tilt	4132	826.4	0.080	0.487	100	1.00	24.18	24.50	1.076	0.524
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	-0.070	0.051	100	1.00	24.18	24.50	1.076	0.055
	Back	4132	826.4	-0.080	0.062	100	1.00	24.18	24.50	1.076	0.067
	Left	4132	826.4	-0.090	0.018	100	1.00	24.18	24.50	1.076	0.019
	Right	4132	826.4	0.080	0.013	100	1.00	24.18	24.50	1.076	0.014
	Top	4132	826.4	-0.120	0.080	100	1.00	24.18	24.50	1.076	0.086
	Bottom	4132	826.4	0.010	0.006	100	1.00	24.18	24.50	1.076	0.006

11.4.3 Results overview of LTE

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Left Cheek	19150	1905.0	0.120	0.378	100	1.00	21.06	21.50	1.107	0.418
		Left Tilt	19150	1905.0	-0.180	0.585	100	1.00	21.06	21.50	1.107	0.647
		Right Cheek	19150	1905.0	-0.130	0.756	100	1.00	21.06	21.50	1.107	0.837
		Right Tilt	19150	1905.0	0.010	1.030	100	1.00	21.06	21.50	1.107	1.140
		Right Tilt	19150	1905.0	-0.010	0.985	100	1.00	21.06	21.50	1.107	1.090
	50%RB	Left Cheek	19150	1905.0	0.110	0.347	100	1.00	21.06	21.50	1.107	0.384
		Left Tilt	19150	1905.0	-0.160	0.538	100	1.00	21.06	21.50	1.107	0.595
		Right Cheek	19150	1905.0	-0.110	0.695	100	1.00	21.06	21.50	1.107	0.769
		Right Tilt	19150	1905.0	0.090	0.947	100	1.00	21.06	21.50	1.107	1.048
		Right Tilt	19150	1905.0	0.010	0.903	100	1.00	21.06	21.50	1.107	0.999
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	19150	1905.0	0.120	0.105	100	1.00	21.06	21.50	1.107	0.116
		Back	19150	1905.0	-0.170	0.145	100	1.00	21.06	21.50	1.107	0.160
		Left	19150	1905.0	0.130	0.067	100	1.00	21.06	21.50	1.107	0.074
		Right	19150	1905.0	-0.120	0.049	100	1.00	21.06	21.50	1.107	0.054
		Top	19150	1905.0	-0.110	0.180	100	1.00	21.06	21.50	1.107	0.199
		Bottom	19150	1905.0	0.010	0.006	100	1.00	21.06	21.50	1.107	0.007
	50%RB	Front	19150	1905.0	0.110	0.096	100	1.00	21.06	21.50	1.107	0.106
		Back	19150	1905.0	-0.150	0.133	100	1.00	21.06	21.50	1.107	0.147
		Left	19150	1905.0	0.110	0.061	100	1.00	21.06	21.50	1.107	0.068
		Right	19150	1905.0	-0.110	0.045	100	1.00	21.06	21.50	1.107	0.050
		Top	19150	1905.0	-0.100	0.165	100	1.00	21.06	21.50	1.107	0.183
		Bottom	19150	1905.0	0.090	0.005	100	1.00	21.06	21.50	1.107	0.006

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
LTE Band 2	19150(1RB)	Right Tilt	1.030	0.985	1.05
	19150(50%RB)		0.947	0.903	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 4 (BW: 20MHz)	1RB	Left Cheek	19975	1712.5	0.150	0.164	100	1.00	21.54	22.00	1.112	0.182
		Left Tilt	19975	1712.5	-0.170	0.211	100	1.00	21.54	22.00	1.112	0.235
		Right Cheek	19975	1712.5	-0.120	0.378	100	1.00	21.54	22.00	1.112	0.420
		Right Tilt	19975	1712.5	-0.190	0.484	100	1.00	21.54	22.00	1.112	0.538
	50%RB	Left Cheek	19975	1712.5	0.140	0.157	100	1.00	21.54	22.00	1.112	0.175
		Left Tilt	19975	1712.5	-0.160	0.202	100	1.00	21.54	22.00	1.112	0.225
		Right Cheek	19975	1712.5	-0.110	0.362	100	1.00	21.54	22.00	1.112	0.402
		Right Tilt	19975	1712.5	-0.180	0.464	100	1.00	21.54	22.00	1.112	0.516
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	19975	1712.5	0.130	0.041	100	1.00	21.54	22.00	1.112	0.046
		Back	19975	1712.5	-0.150	0.059	100	1.00	21.54	22.00	1.112	0.066
		Left	19975	1712.5	0.100	0.014	100	1.00	21.54	22.00	1.112	0.016
		Right	19975	1712.5	-0.090	0.011	100	1.00	21.54	22.00	1.112	0.012
		Top	19975	1712.5	-0.050	0.072	100	1.00	21.54	22.00	1.112	0.080
		Bottom	19975	1712.5	0.010	0.002	100	1.00	21.54	22.00	1.112	0.002
	50%RB	Front	19975	1712.5	0.120	0.039	100	1.00	21.54	22.00	1.112	0.043
		Back	19975	1712.5	-0.140	0.056	100	1.00	21.54	22.00	1.112	0.062
		Left	19975	1712.5	0.090	0.013	100	1.00	21.54	22.00	1.112	0.014
		Right	19975	1712.5	-0.080	0.010	100	1.00	21.54	22.00	1.112	0.011
		Top	19975	1712.5	-0.040	0.069	100	1.00	21.54	22.00	1.112	0.077
		Bottom	19975	1712.5	0.090	0.002	100	1.00	21.54	22.00	1.112	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 5 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	-0.130	0.521	100	1.00	22.32	22.50	1.042	0.543
		Left Tilt	20525	836.5	-0.120	0.698	100	1.00	22.32	22.50	1.042	0.728
		Right Cheek	20525	836.5	0.080	0.755	100	1.00	22.32	22.50	1.042	0.787
		Right Tilt	20525	836.5	-0.180	0.954	100	1.00	22.32	22.50	1.042	0.994
		Right Tilt	20525	836.5	0.010	0.922	100	1.00	22.32	22.50	1.042	0.961
	50%RB	Left Cheek	20525	836.5	-0.120	0.494	100	1.00	22.32	22.50	1.042	0.515
		Left Tilt	20525	836.5	-0.110	0.663	100	1.00	22.32	22.50	1.042	0.691
		Right Cheek	20525	836.5	0.070	0.717	100	1.00	22.32	22.50	1.042	0.747
		Right Tilt	20525	836.5	-0.170	0.906	100	1.00	22.32	22.50	1.042	0.944
		Right Tilt	20525	836.5	-0.050	0.886	100	1.00	22.32	22.50	1.042	0.923
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	0.030	0.188	100	1.00	22.32	22.50	1.042	0.196
		Back	20525	836.5	-0.050	0.197	100	1.00	22.32	22.50	1.042	0.205
		Left	20525	836.5	0.020	0.077	100	1.00	22.32	22.50	1.042	0.080
		Right	20525	836.5	-0.090	0.067	100	1.00	22.32	22.50	1.042	0.070
		Top	20525	836.5	-0.020	0.175	100	1.00	22.32	22.50	1.042	0.182
		Bottom	20525	836.5	0.180	0.005	100	1.00	22.32	22.50	1.042	0.005
		Left	20525	836.5	0.020	0.178	100	1.00	22.32	22.50	1.042	0.186
	50%RB	Front	20525	836.5	-0.040	0.187	100	1.00	22.32	22.50	1.042	0.195
		Back	20525	836.5	0.100	0.073	100	1.00	22.32	22.50	1.042	0.076
		Left	20525	836.5	-0.080	0.063	100	1.00	22.32	22.50	1.042	0.066
		Right	20525	836.5	-0.090	0.166	100	1.00	22.32	22.50	1.042	0.173
		Bottom	20525	836.5	0.170	0.004	100	1.00	22.32	22.50	1.042	0.004

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
LTE Band 5	20525 (1RB)	Right Tilt	0.954	0.922	1.03
	20525(50%RB)		0.906	0.886	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)
Band 7 (BW: 20MHz)	1RB	Left Cheek	21400	2565.0	0.070	0.466	100	1.00	21.23	21.50	1.064	0.496
		Left Tilt	21400	2565.0	-0.120	0.585	100	1.00	21.23	21.50	1.064	0.623
		Right Cheek	21400	2565.0	-0.130	0.633	100	1.00	21.23	21.50	1.064	0.674
		Right Tilt	21400	2565.0	-0.050	0.951	100	1.00	21.23	21.50	1.064	1.012
	50%RB	Right Tilt	21400	2565.0	0.100	0.919	100	1.00	21.23	21.50	1.064	0.978
		Left Cheek	21400	2565.0	0.060	0.419	100	1.00	21.23	21.50	1.064	0.446
		Left Tilt	21400	2565.0	-0.100	0.526	100	1.00	21.23	21.50	1.064	0.560
		Right Cheek	21400	2565.0	-0.110	0.569	100	1.00	21.23	21.50	1.064	0.605
		Right Tilt	21400	2565.0	-0.040	0.855	100	1.00	21.23	21.50	1.064	0.910
		Right Tilt	21400	2565.0	-0.060	0.832	100	1.00	21.23	21.50	1.064	0.885
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	0.130	0.130	100	1.00	21.23	21.50	1.064	0.138
		Back	21400	2565.0	-0.170	0.175	100	1.00	21.23	21.50	1.064	0.186
		Left	21400	2565.0	0.100	0.065	100	1.00	21.23	21.50	1.064	0.069
		Right	21400	2565.0	-0.150	0.051	100	1.00	21.23	21.50	1.064	0.054
		Top	21400	2565.0	-0.020	0.210	100	1.00	21.23	21.50	1.064	0.223
		Bottom	21400	2565.0	0.170	0.007	100	1.00	21.23	21.50	1.064	0.007
	50%RB	Front	21400	2565.0	0.110	0.117	100	1.00	21.23	21.50	1.064	0.125
		Back	21400	2565.0	-0.150	0.157	100	1.00	21.23	21.50	1.064	0.167
		Left	21400	2565.0	0.090	0.058	100	1.00	21.23	21.50	1.064	0.062
		Right	21400	2565.0	-0.130	0.045	100	1.00	21.23	21.50	1.064	0.048
		Top	21400	2565.0	-0.010	0.189	100	1.00	21.23	21.50	1.064	0.201
		Bottom	21400	2565.0	0.150	0.006	100	1.00	21.23	21.50	1.064	0.006

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
LTE Band 7	21400 (1RB)	Right Tilt	0.951	0.919	1.03
	21400 (50%RB)		0.855	0.832	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	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	23095	707.5	0.150	0.279	100	1.00	22.01	22.50	1.119	0.312
		Left Tilt	23095	707.5	-0.160	0.409	100	1.00	22.01	22.50	1.119	0.458
		Right Cheek	23095	707.5	-0.140	0.386	100	1.00	22.01	22.50	1.119	0.432
		Right Tilt	23095	707.5	-0.070	0.741	100	1.00	22.01	22.50	1.119	0.830
	50%RB	Left Cheek	23095	707.5	0.140	0.262	100	1.00	22.01	22.50	1.119	0.293
		Left Tilt	23095	707.5	-0.150	0.384	100	1.00	22.01	22.50	1.119	0.430
		Right Cheek	23095	707.5	-0.130	0.362	100	1.00	22.01	22.50	1.119	0.405
		Right Tilt	23095	707.5	-0.060	0.696	100	1.00	22.01	22.50	1.119	0.779
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	23095	707.5	0.080	0.926	100	1.00	22.01	22.50	1.119	1.037
		Back	23095	707.5	-0.090	0.106	100	1.00	22.01	22.50	1.119	0.119
		Left	23095	707.5	0.080	0.037	100	1.00	22.01	22.50	1.119	0.041
		Right	23095	707.5	-0.050	0.026	100	1.00	22.01	22.50	1.119	0.029
		Top	23095	707.5	-0.190	0.082	100	1.00	22.01	22.50	1.119	0.092
		Bottom	23095	707.5	0.010	0.002	100	1.00	22.01	22.50	1.119	0.002
		Front	23095	707.5	-0.010	0.900	100	1.00	22.01	22.50	1.119	1.007
		Back	23095	707.5	0.070	0.870	100	1.00	22.01	22.50	1.119	0.974
	50%RB	Front	23095	707.5	-0.080	0.099	100	1.00	22.01	22.50	1.119	0.111
		Left	23095	707.5	0.070	0.034	100	1.00	22.01	22.50	1.119	0.038
		Right	23095	707.5	-0.040	0.024	100	1.00	22.01	22.50	1.119	0.027
		Top	23095	707.5	-0.170	0.077	100	1.00	22.01	22.50	1.119	0.086
		Bottom	23095	707.5	0.090	0.002	100	1.00	22.01	22.50	1.119	0.002
		Front	23095	707.5	0.050	0.853	100	1.00	22.01	22.50	1.119	0.955

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
LTE Band 12	23095 (1RB)	Front	0.926	0.900	1.03
	23095 (50%RB)		0.870	0.853	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)
Band 13 (BW: 10MHz)	1RB	Left Cheek	23025	779.5	0.060	0.405	100	1.00	21.84	22.00	1.038	0.420
		Left Tilt	23025	779.5	-0.070	0.615	100	1.00	21.84	22.00	1.038	0.638
		Right Cheek	23025	779.5	-0.090	0.586	100	1.00	21.84	22.00	1.038	0.608
		Right Tilt	23025	779.5	-0.060	0.968	100	1.00	21.84	22.00	1.038	1.004
		Right Tilt	23025	779.5	0.110	0.931	100	1.00	21.84	22.00	1.038	0.966
	50%RB	Left Cheek	23025	779.5	0.050	0.348	100	1.00	21.84	22.00	1.038	0.361
		Left Tilt	23025	779.5	-0.060	0.528	100	1.00	21.84	22.00	1.038	0.548
		Right Cheek	23025	779.5	-0.070	0.503	100	1.00	21.84	22.00	1.038	0.522
		Right Tilt	23025	779.5	-0.050	0.832	100	1.00	21.84	22.00	1.038	0.863
		Right Tilt	23025	779.5	-0.080	0.807	100	1.00	21.84	22.00	1.038	0.837
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 13 (BW: 10MHz)	1RB	Front	23025	779.5	0.040	0.124	100	1.00	21.84	22.00	1.038	0.129
		Back	23025	779.5	-0.060	0.150	100	1.00	21.84	22.00	1.038	0.156
		Left	23025	779.5	-0.070	0.044	100	1.00	21.84	22.00	1.038	0.046
		Right	23025	779.5	0.090	0.031	100	1.00	21.84	22.00	1.038	0.032
		Top	23025	779.5	-0.030	0.130	100	1.00	21.84	22.00	1.038	0.135
		Bottom	23025	779.5	0.001	0.004	100	1.00	21.84	22.00	1.038	0.004
	50%RB	Front	23025	779.5	0.030	0.106	100	1.00	21.84	22.00	1.038	0.110
		Back	23025	779.5	-0.050	0.129	100	1.00	21.84	22.00	1.038	0.134
		Left	23025	779.5	-0.060	0.037	100	1.00	21.84	22.00	1.038	0.038
		Right	23025	779.5	0.070	0.026	100	1.00	21.84	22.00	1.038	0.027
		Top	23025	779.5	-0.020	0.111	100	1.00	21.84	22.00	1.038	0.115
		Bottom	23025	779.5	0.080	0.003	100	1.00	21.84	22.00	1.038	0.003

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
LTE Band 13	23025 (1RB)	Right Tilt	0.968	0.931	1.04
	23025 (50%RB)		0.832	0.807	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	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	0.090	0.245	100	1.00	21.92	22.00	1.019	0.250
		Left Tilt	23755	706.5	-0.030	0.393	100	1.00	21.92	22.00	1.019	0.400
		Right Cheek	23755	706.5	-0.100	0.380	100	1.00	21.92	22.00	1.019	0.387
		Right Tilt	23755	706.5	-0.050	0.711	100	1.00	21.92	22.00	1.019	0.724
	50%RB	Left Cheek	23755	706.5	0.080	0.222	100	1.00	21.92	22.00	1.019	0.226
		Left Tilt	23755	706.5	-0.020	0.357	100	1.00	21.92	22.00	1.019	0.364
		Right Cheek	23755	706.5	-0.090	0.345	100	1.00	21.92	22.00	1.019	0.351
		Right Tilt	23755	706.5	-0.040	0.647	100	1.00	21.92	22.00	1.019	0.659
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	-0.060	0.116	100	1.00	21.92	22.00	1.019	0.118
		Back	23755	706.5	-0.020	0.125	100	1.00	21.92	22.00	1.019	0.127
		Left	23755	706.5	0.050	0.039	100	1.00	21.92	22.00	1.019	0.040
		Right	23755	706.5	-0.100	0.028	100	1.00	21.92	22.00	1.019	0.029
		Top	23755	706.5	-0.190	0.081	100	1.00	21.92	22.00	1.019	0.083
		Bottom	23755	706.5	0.010	0.002	100	1.00	21.92	22.00	1.019	0.002
	50%RB	Front	23755	706.5	-0.050	0.105	100	1.00	21.92	22.00	1.019	0.107
		Back	23755	706.5	-0.010	0.113	100	1.00	21.92	22.00	1.019	0.115
		Left	23755	706.5	0.040	0.035	100	1.00	21.92	22.00	1.019	0.036
		Right	23755	706.5	-0.090	0.025	100	1.00	21.92	22.00	1.019	0.025
		Top	23755	706.5	-0.170	0.073	100	1.00	21.92	22.00	1.019	0.074
		Bottom	23755	706.5	0.090	0.002	100	1.00	21.92	22.00	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)
Band 38 (BW: 20MHz)	1RB	Left Cheek	37825	2577.5	0.060	0.272	100	1.00	21.16	21.50	1.081	0.294
		Left Tilt	37825	2577.5	-0.140	0.355	100	1.00	21.16	21.50	1.081	0.384
		Right Cheek	37825	2577.5	0.120	0.421	100	1.00	21.16	21.50	1.081	0.455
		Right Tilt	37825	2577.5	-0.080	0.598	100	1.00	21.16	21.50	1.081	0.647
	50%RB	Left Cheek	37825	2577.5	0.050	0.239	100	1.00	21.16	21.50	1.081	0.258
		Left Tilt	37825	2577.5	-0.120	0.312	100	1.00	21.16	21.50	1.081	0.337
		Right Cheek	37825	2577.5	0.100	0.370	100	1.00	21.16	21.50	1.081	0.400
		Right Tilt	37825	2577.5	-0.070	0.526	100	1.00	21.16	21.50	1.081	0.569
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 38 (BW: 20MHz)	1RB	Front	37825	2577.5	0.040	0.098	100	1.00	21.16	21.50	1.081	0.106
		Back	37825	2577.5	-0.020	0.113	100	1.00	21.16	21.50	1.081	0.122
		Left	37825	2577.5	0.060	0.045	100	1.00	21.16	21.50	1.081	0.049
		Right	37825	2577.5	-0.070	0.037	100	1.00	21.16	21.50	1.081	0.040
		Top	37825	2577.5	0.090	0.148	100	1.00	21.16	21.50	1.081	0.160
		Bottom	37825	2577.5	0.000	0.002	100	1.00	21.16	21.50	1.081	0.002
	50%RB	Front	37825	2577.5	0.030	0.086	100	1.00	21.16	21.50	1.081	0.093
		Back	37825	2577.5	-0.010	0.099	100	1.00	21.16	21.50	1.081	0.107
		Left	37825	2577.5	0.050	0.039	100	1.00	21.16	21.50	1.081	0.042
		Right	37825	2577.5	-0.060	0.032	100	1.00	21.16	21.50	1.081	0.035
		Top	37825	2577.5	0.070	0.130	100	1.00	21.16	21.50	1.081	0.141
		Bottom	37825	2577.5	0.000	0.001	100	1.00	21.16	21.50	1.081	0.001

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	0.120	0.298	100	1.00	21.03	21.50	1.114	0.332
		Left Tilt	40620	2593.0	-0.120	0.410	100	1.00	21.03	21.50	1.114	0.457
		Right Cheek	40620	2593.0	-0.170	0.514	100	1.00	21.03	21.50	1.114	0.573
		Right Tilt	40620	2593.0	0.010	0.606	100	1.00	21.03	21.50	1.114	0.675
		Right Tilt	39750	2506.0	-0.170	0.575	100	1.00	21.03	21.50	1.114	0.641
		Right Tilt	40185	2549.5	-0.160	0.586	100	1.00	21.03	21.50	1.114	0.653
		Right Tilt	41055	2636.5	-0.170	0.544	100	1.00	21.03	21.50	1.114	0.606
Band 41 (BW: 20MHz)	1RB	Right Tilt	41490	2680.0	-0.130	0.503	100	1.00	21.03	21.50	1.114	0.560
		Front	40620	2593.0	0.130	0.113	100	1.00	21.03	21.50	1.114	0.126
		Back	40620	2593.0	-0.160	0.130	100	1.00	21.03	21.50	1.114	0.145
		Left	40620	2593.0	-0.110	0.065	100	1.00	21.03	21.50	1.114	0.072
		Right	40620	2593.0	0.100	0.051	100	1.00	21.03	21.50	1.114	0.057
		Top	40620	2593.0	0.050	0.152	100	1.00	21.03	21.50	1.114	0.169
		Bottom	40620	2593.0	0.010	0.002	100	1.00	21.03	21.50	1.114	0.002
Band 41 (BW: 20MHz)	1RB	Top	39750	2506.0	-0.070	0.131	100	1.00	21.03	21.50	1.114	0.146
		Top	40185	2549.5	-0.080	0.136	100	1.00	21.03	21.50	1.114	0.152
		Top	41055	2636.5	-0.070	0.141	100	1.00	21.03	21.50	1.114	0.157
		Top	41490	2680.0	-0.040	0.122	100	1.00	21.03	21.50	1.114	0.136

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	0.100	0.256	100	1.00	21.03	21.50	1.114	0.285
		Left Tilt	40620	2593.0	-0.100	0.352	100	1.00	21.03	21.50	1.114	0.392
		Right Cheek	40620	2593.0	-0.140	0.442	100	1.00	21.03	21.50	1.114	0.493
		Right Tilt	40620	2593.0	0.080	0.521	100	1.00	21.03	21.50	1.114	0.581
		Right Tilt	39750	2506.0	-0.140	0.494	100	1.00	21.03	21.50	1.114	0.550
		Right Tilt	40185	2549.5	-0.130	0.503	100	1.00	21.03	21.50	1.114	0.560
		Right Tilt	41055	2636.5	-0.140	0.467	100	1.00	21.03	21.50	1.114	0.520
Band 41 (BW: 20MHz)	50%RB	Right Tilt	41490	2680.0	-0.110	0.432	100	1.00	21.03	21.50	1.114	0.481
		Front	40620	2593.0	0.110	0.097	100	1.00	21.03	21.50	1.114	0.108
		Back	40620	2593.0	-0.130	0.111	100	1.00	21.03	21.50	1.114	0.124
		Left	40620	2593.0	-0.090	0.055	100	1.00	21.03	21.50	1.114	0.061
		Right	40620	2593.0	0.080	0.043	100	1.00	21.03	21.50	1.114	0.048
		Top	40620	2593.0	0.040	0.130	100	1.00	21.03	21.50	1.114	0.145
		Bottom	40620	2593.0	0.060	0.001	100	1.00	21.03	21.50	1.114	0.001
Band 41 (BW: 20MHz)	50%RB	Top	39750	2506.0	-0.060	0.112	100	1.00	21.03	21.50	1.114	0.125
		Top	40185	2549.5	-0.060	0.116	100	1.00	21.03	21.50	1.114	0.129
		Top	41055	2636.5	-0.090	0.121	100	1.00	21.03	21.50	1.114	0.135
		Top	41490	2680.0	-0.030	0.104	100	1.00	21.03	21.50	1.114	0.116

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	43015	3542.5	-0.070	0.322	100	1.00	21.33	21.50	1.040	0.335
		Left Tilt	43015	3542.5	-0.130	0.372	100	1.00	21.33	21.50	1.040	0.387
		Right Cheek	43015	3542.5	0.070	0.141	100	1.00	21.33	21.50	1.040	0.147
		Right Tilt	43015	3542.5	0.040	0.175	100	1.00	21.33	21.50	1.040	0.182
	50%RB	Left Cheek	43015	3542.5	-0.060	0.289	100	1.00	21.33	21.50	1.040	0.301
		Left Tilt	43015	3542.5	-0.110	0.334	100	1.00	21.33	21.50	1.040	0.347
		Right Cheek	43015	3542.5	0.060	0.126	100	1.00	21.33	21.50	1.040	0.131
		Right Tilt	43015	3542.5	0.030	0.157	100	1.00	21.33	21.50	1.040	0.163
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	43015	3542.5	0.130	0.234	100	1.00	21.33	21.50	1.040	0.243
		Back	43015	3542.5	-0.100	0.254	100	1.00	21.33	21.50	1.040	0.264
		Left	43015	3542.5	-0.080	0.028	100	1.00	21.33	21.50	1.040	0.029
		Right	43015	3542.5	0.060	0.037	100	1.00	21.33	21.50	1.040	0.038
		Top	43015	3542.5	-0.030	0.167	100	1.00	21.33	21.50	1.040	0.174
		Bottom	43015	3542.5	0.020	0.003	100	1.00	21.33	21.50	1.040	0.003
	50%RB	Front	43015	3542.5	0.110	0.210	100	1.00	21.33	21.50	1.040	0.218
		Back	43015	3542.5	-0.090	0.228	100	1.00	21.33	21.50	1.040	0.237
		Left	43015	3542.5	-0.070	0.025	100	1.00	21.33	21.50	1.040	0.026
		Right	43015	3542.5	0.050	0.033	100	1.00	21.33	21.50	1.040	0.034
		Top	43015	3542.5	-0.020	0.150	100	1.00	21.33	21.50	1.040	0.156
		Bottom	43015	3542.5	0.010	0.002	100	1.00	21.33	21.50	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)
Band 43(3600-3700) (BW: 20MHz)	1RB	Left Cheek	44515	3692.5	0.120	0.107	100	1.00	20.88	21.00	1.028	0.110
		Left Tilt	44515	3692.5	0.130	0.215	100	1.00	20.88	21.00	1.028	0.221
		Right Cheek	44515	3692.5	-0.110	0.035	100	1.00	20.88	21.00	1.028	0.036
		Right Tilt	44515	3692.5	-0.060	0.066	100	1.00	20.88	21.00	1.028	0.068
	50%RB	Left Cheek	44515	3692.5	0.110	0.101	100	1.00	20.88	21.00	1.028	0.104
		Left Tilt	44515	3692.5	0.120	0.204	100	1.00	20.88	21.00	1.028	0.210
		Right Cheek	44515	3692.5	-0.100	0.033	100	1.00	20.88	21.00	1.028	0.034
		Right Tilt	44515	3692.5	-0.050	0.062	100	1.00	20.88	21.00	1.028	0.064
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 43(3600-3700) (BW: 20MHz)	1RB	Front	44515	3692.5	0.080	0.071	100	1.00	20.88	21.00	1.028	0.073
		Back	44515	3692.5	0.020	0.083	100	1.00	20.88	21.00	1.028	0.085
		Left	44515	3692.5	-0.060	0.011	100	1.00	20.88	21.00	1.028	0.011
		Right	44515	3692.5	-0.140	0.109	100	1.00	20.88	21.00	1.028	0.112
		Top	44515	3692.5	-0.100	0.060	100	1.00	20.88	21.00	1.028	0.062
		Bottom	44515	3692.5	0.010	0.008	100	1.00	20.88	21.00	1.028	0.008
	50%RB	Front	44515	3692.5	0.070	0.067	100	1.00	20.88	21.00	1.028	0.069
		Back	44515	3692.5	0.010	0.078	100	1.00	20.88	21.00	1.028	0.080
		Left	44515	3692.5	-0.050	0.010	100	1.00	20.88	21.00	1.028	0.010
		Right	44515	3692.5	-0.130	0.103	100	1.00	20.88	21.00	1.028	0.106
		Top	44515	3692.5	-0.090	0.057	100	1.00	20.88	21.00	1.028	0.059
		Bottom	44515	3692.5	0.090	0.007	100	1.00	20.88	21.00	1.028	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)
Band 43(3700-3800) (BW: 20MHz)	1RB	Left Cheek	45090	3750.0	-0.030	0.130	100	1.00	21.09	21.50	1.099	0.143
		Left Tilt	45090	3750.0	0.020	0.232	100	1.00	21.09	21.50	1.099	0.255
		Right Cheek	45090	3750.0	0.080	0.041	100	1.00	21.09	21.50	1.099	0.045
		Right Tilt	45090	3750.0	-0.130	0.076	100	1.00	21.09	21.50	1.099	0.084
	50%RB	Left Cheek	45090	3750.0	-0.020	0.114	100	1.00	21.09	21.50	1.099	0.125
		Left Tilt	45090	3750.0	0.010	0.204	100	1.00	21.09	21.50	1.099	0.224
		Right Cheek	45090	3750.0	0.070	0.036	100	1.00	21.09	21.50	1.099	0.040
		Right Tilt	45090	3750.0	-0.110	0.066	100	1.00	21.09	21.50	1.099	0.073
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 43(3700-3800) (BW: 20MHz)	1RB	Front	45090	3750.0	-0.080	0.069	100	1.00	21.09	21.50	1.099	0.076
		Back	45090	3750.0	0.090	0.088	100	1.00	21.09	21.50	1.099	0.097
		Left	45090	3750.0	-0.150	0.012	100	1.00	21.09	21.50	1.099	0.013
		Right	45090	3750.0	-0.180	0.101	100	1.00	21.09	21.50	1.099	0.111
		Top	45090	3750.0	0.080	0.078	100	1.00	21.09	21.50	1.099	0.086
		Bottom	45090	3750.0	0.010	0.007	100	1.00	21.09	21.50	1.099	0.008
	50%RB	Front	45090	3750.0	-0.070	0.060	100	1.00	21.09	21.50	1.099	0.066
		Back	45090	3750.0	0.070	0.077	100	1.00	21.09	21.50	1.099	0.085
		Left	45090	3750.0	-0.130	0.010	100	1.00	21.09	21.50	1.099	0.011
		Right	45090	3750.0	-0.150	0.088	100	1.00	21.09	21.50	1.099	0.097
		Top	45090	3750.0	0.070	0.068	100	1.00	21.09	21.50	1.099	0.075
		Bottom	45090	3750.0	0.080	0.006	100	1.00	21.09	21.50	1.099	0.007

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 48 (BW: 20MHz)	1RB	Left Cheek	52265	3552.5	-0.130	0.149	100	1.00	21.18	21.50	1.076	0.160
		Left Tilt	52265	3552.5	0.080	0.250	100	1.00	21.18	21.50	1.076	0.269
		Right Cheek	52265	3552.5	0.090	0.053	100	1.00	21.18	21.50	1.076	0.057
		Right Tilt	52265	3552.5	-0.140	0.070	100	1.00	21.18	21.50	1.076	0.075
	50%RB	Left Cheek	52265	3552.5	-0.110	0.134	100	1.00	21.18	21.50	1.076	0.144
		Left Tilt	52265	3552.5	0.070	0.225	100	1.00	21.18	21.50	1.076	0.242
		Right Cheek	52265	3552.5	0.080	0.047	100	1.00	21.18	21.50	1.076	0.051
		Right Tilt	52265	3552.5	-0.120	0.063	100	1.00	21.18	21.50	1.076	0.068
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 48 (BW: 20MHz)	1RB	Front	52265	3552.5	0.090	0.102	100	1.00	21.18	21.50	1.076	0.110
		Back	52265	3552.5	-0.050	0.133	100	1.00	21.18	21.50	1.076	0.143
		Left	52265	3552.5	0.080	0.013	100	1.00	21.18	21.50	1.076	0.014
		Right	52265	3552.5	-0.130	0.155	100	1.00	21.18	21.50	1.076	0.167
		Top	52265	3552.5	-0.150	0.092	100	1.00	21.18	21.50	1.076	0.099
		Bottom	52265	3552.5	0.010	0.009	100	1.00	21.18	21.50	1.076	0.010
	50%RB	Front	52265	3552.5	0.080	0.091	100	1.00	21.18	21.50	1.076	0.098
		Back	52265	3552.5	-0.040	0.119	100	1.00	21.18	21.50	1.076	0.128
		Left	52265	3552.5	0.070	0.011	100	1.00	21.18	21.50	1.076	0.012
		Right	52265	3552.5	-0.110	0.139	100	1.00	21.18	21.50	1.076	0.150
		Top	52265	3552.5	-0.130	0.082	100	1.00	21.18	21.50	1.076	0.088
		Bottom	52265	3552.5	0.009	0.008	100	1.00	21.18	21.50	1.076	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)
Band 66 (BW: 20MHz)	1RB	Left Cheek	131997	1712.5	0.080	0.088	100	1.00	21.62	22.00	1.091	0.096
		Left Tilt	131997	1712.5	-0.040	0.120	100	1.00	21.62	22.00	1.091	0.131
		Right Cheek	131997	1712.5	-0.080	0.202	100	1.00	21.62	22.00	1.091	0.220
		Right Tilt	131997	1712.5	-0.060	0.282	100	1.00	21.62	22.00	1.091	0.308
	50%RB	Left Cheek	131997	1712.5	0.070	0.081	100	1.00	21.62	22.00	1.091	0.088
		Left Tilt	131997	1712.5	-0.030	0.111	100	1.00	21.62	22.00	1.091	0.121
		Right Cheek	131997	1712.5	-0.070	0.187	100	1.00	21.62	22.00	1.091	0.204
		Right Tilt	131997	1712.5	-0.050	0.262	100	1.00	21.62	22.00	1.091	0.286
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	131997	1712.5	0.060	0.029	100	1.00	21.62	22.00	1.091	0.032
		Back	131997	1712.5	-0.170	0.037	100	1.00	21.62	22.00	1.091	0.040
		Left	131997	1712.5	0.080	0.011	100	1.00	21.62	22.00	1.091	0.012
		Right	131997	1712.5	-0.100	0.008	100	1.00	21.62	22.00	1.091	0.009
		Top	131997	1712.5	-0.140	0.045	100	1.00	21.62	22.00	1.091	0.049
		Bottom	131997	1712.5	0.010	0.008	100	1.00	21.62	22.00	1.091	0.009
	50%RB	Front	131997	1712.5	0.050	0.026	100	1.00	21.62	22.00	1.091	0.028
		Back	131997	1712.5	-0.150	0.034	100	1.00	21.62	22.00	1.091	0.037
		Left	131997	1712.5	0.070	0.010	100	1.00	21.62	22.00	1.091	0.011
		Right	131997	1712.5	-0.090	0.007	100	1.00	21.62	22.00	1.091	0.008
		Top	131997	1712.5	-0.130	0.041	100	1.00	21.62	22.00	1.091	0.045
		Bottom	131997	1712.5	0.090	0.007	100	1.00	21.62	22.00	1.091	0.008

11.4.4 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: 10MHz)	1RB	Left Cheek	167300	836.5	-0.150	0.377	100	1.00	23.75	24.00	1.059	0.399
		Left Tilt	167300	836.5	-0.120	0.495	100	1.00	23.75	24.00	1.059	0.524
		Right Cheek	167300	836.5	0.040	0.611	100	1.00	23.75	24.00	1.059	0.647
		Right Tilt	167300	836.5	-0.190	0.782	100	1.00	23.75	24.00	1.059	0.828
	50%RB	Left Cheek	167300	836.5	-0.140	0.358	100	1.00	23.75	24.00	1.059	0.379
		Left Tilt	167300	836.5	-0.110	0.470	100	1.00	23.75	24.00	1.059	0.498
		Right Cheek	167300	836.5	0.030	0.580	100	1.00	23.75	24.00	1.059	0.614
		Right Tilt	167300	836.5	-0.180	0.742	100	1.00	23.75	24.00	1.059	0.786
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: 10MHz)	1RB	Front	167300	836.5	0.140	0.097	100	1.00	23.75	24.00	1.059	0.103
		Back	167300	836.5	-0.090	0.112	100	1.00	23.75	24.00	1.059	0.119
		Left	167300	836.5	0.180	0.061	100	1.00	23.75	24.00	1.059	0.065
		Right	167300	836.5	0.170	0.053	100	1.00	23.75	24.00	1.059	0.056
		Top	167300	836.5	-0.080	0.105	100	1.00	23.75	24.00	1.059	0.111
		Bottom	167300	836.5	0.090	0.010	100	1.00	23.75	24.00	1.059	0.011
	50%RB	Front	167300	836.5	0.130	0.092	100	1.00	23.75	24.00	1.059	0.097
		Back	167300	836.5	-0.080	0.106	100	1.00	23.75	24.00	1.059	0.112
		Left	167300	836.5	0.170	0.057	100	1.00	23.75	24.00	1.059	0.060
		Right side	167300	836.5	0.160	0.050	100	1.00	23.75	24.00	1.059	0.053
		Top side	167300	836.5	-0.070	0.099	100	1.00	23.75	24.00	1.059	0.105
		Bottom side	167300	836.5	0.080	0.009	100	1.00	23.75	24.00	1.059	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 n7 (BW: 20MHz)	1RB	Left Cheek	501000	2505.0	0.050	0.486	100	1.00	21.71	22.00	1.069	0.520
		Left Tilt	501000	2505.0	-0.070	0.605	100	1.00	21.71	22.00	1.069	0.647
		Right Cheek	501000	2505.0	-0.110	0.755	100	1.00	21.71	22.00	1.069	0.807
		Right Tilt	501000	2505.0	-0.090	0.940	100	1.00	21.71	22.00	1.069	1.005
		Right Tilt	501000	2505.0	-0.010	0.905	100	1.00	21.71	22.00	1.069	0.967
	50%RB	Left Cheek	501000	2505.0	0.040	0.413	100	1.00	21.71	22.00	1.069	0.442
		Left Tilt	501000	2505.0	-0.050	0.514	100	1.00	21.71	22.00	1.069	0.549
		Right Cheek	501000	2505.0	-0.090	0.641	100	1.00	21.71	22.00	1.069	0.685
		Right Tilt	501000	2505.0	-0.070	0.799	100	1.00	21.71	22.00	1.069	0.854
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	501000	2505.0	0.070	0.146	100	1.00	21.71	22.00	1.069	0.156
		Back	501000	2505.0	-0.080	0.162	100	1.00	21.71	22.00	1.069	0.173
		Left	501000	2505.0	-0.050	0.097	100	1.00	21.71	22.00	1.069	0.104
		Right	501000	2505.0	0.050	0.076	100	1.00	21.71	22.00	1.069	0.081
		Top	501000	2505.0	-0.060	0.199	100	1.00	21.71	22.00	1.069	0.213
		Bottom	501000	2505.0	0.010	0.003	100	1.00	21.71	22.00	1.069	0.003
	50%RB	Front	501000	2505.0	0.050	0.124	100	1.00	21.71	22.00	1.069	0.133
		Back	501000	2505.0	-0.060	0.137	100	1.00	21.71	22.00	1.069	0.146
		Left	501000	2505.0	-0.040	0.082	100	1.00	21.71	22.00	1.069	0.088
		Right	501000	2505.0	0.040	0.064	100	1.00	21.71	22.00	1.069	0.068
		Top	501000	2505.0	-0.050	0.169	100	1.00	21.71	22.00	1.069	0.181
		Bottom	501000	2505.0	0.080	0.002	100	1.00	21.71	22.00	1.069	0.002

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
NR n7	501000(1RB)	Right Tilt	0.940	0.905	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	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: 10MHz)	1RB	Left Cheek	141300	706.5	0.080	0.338	100	1.00	23.93	24.00	1.016	0.343
		Left Tilt	141300	706.5	-0.170	0.533	100	1.00	23.93	24.00	1.016	0.542
		Right Cheek	141300	706.5	-0.180	0.573	100	1.00	23.93	24.00	1.016	0.582
		Right Tilt	141300	706.5	-0.110	0.919	100	1.00	23.93	24.00	1.016	0.934
		Right Tilt	141300	706.5	-0.010	0.890	100	1.00	23.93	24.00	1.016	0.904
	50%RB	Left Cheek	141300	706.5	0.070	0.307	100	1.00	23.93	24.00	1.016	0.312
		Left Tilt	141300	706.5	-0.150	0.485	100	1.00	23.93	24.00	1.016	0.493
		Right Cheek	141300	706.5	-0.160	0.521	100	1.00	23.93	24.00	1.016	0.529
		Right Tilt	141300	706.5	-0.100	0.836	100	1.00	23.93	24.00	1.016	0.850
		Right Tilt	141300	706.5	0.050	0.801	100	1.00	23.93	24.00	1.016	0.814
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: 10MHz)	1RB	Front	141300	706.5	0.090	0.100	100	1.00	23.93	24.00	1.016	0.102
		Back	141300	706.5	-0.190	0.141	100	1.00	23.93	24.00	1.016	0.143
		Left	141300	706.5	0.080	0.059	100	1.00	23.93	24.00	1.016	0.060
		Right	141300	706.5	-0.160	0.052	100	1.00	23.93	24.00	1.016	0.053
		Top	141300	706.5	0.040	0.113	100	1.00	23.93	24.00	1.016	0.115
		Bottom	141300	706.5	-0.160	0.004	100	1.00	23.93	24.00	1.016	0.004
	50%RB	Front	141300	706.5	0.080	0.091	100	1.00	23.93	24.00	1.016	0.092
		Back	141300	706.5	-0.170	0.128	100	1.00	23.93	24.00	1.016	0.130
		Left	141300	706.5	0.070	0.053	100	1.00	23.93	24.00	1.016	0.054
		Right	141300	706.5	-0.140	0.047	100	1.00	23.93	24.00	1.016	0.048
		Top	141300	706.5	0.030	0.102	100	1.00	23.93	24.00	1.016	0.104
		Bottom	141300	706.5	-0.140	0.003	100	1.00	23.93	24.00	1.016	0.003

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
NR n12	141300(1RB)	Right Tilt	0.919	0.890	1.03
	141300(50%RB)	Right Tilt	0.836	0.801	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	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Left Cheek	515000	2575.0	0.070	0.056	100	1.00	22.14	22.50	1.086	0.061
		Left Tilt	515000	2575.0	-0.040	0.066	100	1.00	22.14	22.50	1.086	0.072
		Right Cheek	515000	2575.0	-0.080	0.085	100	1.00	22.14	22.50	1.086	0.092
		Right Tilt	515000	2575.0	0.110	0.110	100	1.00	22.14	22.50	1.086	0.120
	50%RB	Left Cheek	515000	2575.0	0.060	0.049	100	1.00	22.14	22.50	1.086	0.053
		Left Tilt	515000	2575.0	-0.030	0.058	100	1.00	22.14	22.50	1.086	0.063
		Right Cheek	515000	2575.0	-0.070	0.074	100	1.00	22.14	22.50	1.086	0.080
		Right Tilt	515000	2575.0	0.090	0.096	100	1.00	22.14	22.50	1.086	0.104
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Front	515000	2575.0	0.110	0.024	100	1.00	22.14	22.50	1.086	0.026
		Back	515000	2575.0	0.060	0.029	100	1.00	22.14	22.50	1.086	0.032
		Left	515000	2575.0	-0.090	0.010	100	1.00	22.14	22.50	1.086	0.011
		Right	515000	2575.0	0.090	0.006	100	1.00	22.14	22.50	1.086	0.007
		Top	515000	2575.0	-0.070	0.025	100	1.00	22.14	22.50	1.086	0.027
		Bottom	515000	2575.0	0.010	0.002	100	1.00	22.14	22.50	1.086	0.002
	50%RB	Front	515000	2575.0	0.090	0.021	100	1.00	22.14	22.50	1.086	0.023
		Back	515000	2575.0	0.050	0.025	100	1.00	22.14	22.50	1.086	0.027
		Left	515000	2575.0	-0.070	0.008	100	1.00	22.14	22.50	1.086	0.009
		Right	515000	2575.0	0.070	0.005	100	1.00	22.14	22.50	1.086	0.005
		Top	515000	2575.0	-0.060	0.022	100	1.00	22.14	22.50	1.086	0.024
		Bottom	515000	2575.0	0.080	0.001	100	1.00	22.14	22.50	1.086	0.001

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:20MHz)	1RB	Left Cheek	501204	2506.0	-0.110	0.044	100	1.00	22.13	22.50	1.089	0.048
		Left Tilt	501204	2506.0	-0.120	0.057	100	1.00	22.13	22.50	1.089	0.062
		Right Cheek	501204	2506.0	0.110	0.068	100	1.00	22.13	22.50	1.089	0.074
		Right Tilt	501204	2506.0	0.090	0.089	100	1.00	22.13	22.50	1.089	0.097
	50%RB	Left Cheek	501204	2506.0	-0.100	0.040	100	1.00	22.13	22.50	1.089	0.044
		Left Tilt	501204	2506.0	-0.110	0.052	100	1.00	22.13	22.50	1.089	0.057
		Right Cheek	501204	2506.0	0.100	0.062	100	1.00	22.13	22.50	1.089	0.068
		Right Tilt	501204	2506.0	0.080	0.081	100	1.00	22.13	22.50	1.089	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)
NR n41 (BW:20MHz)	1RB	Front	501204	2506.0	0.100	0.007	100	1.00	22.13	22.50	1.089	0.008
		Back	501204	2506.0	-0.030	0.011	100	1.00	22.13	22.50	1.089	0.012
		Left	501204	2506.0	0.050	0.005	100	1.00	22.13	22.50	1.089	0.005
		Right	501204	2506.0	0.110	0.030	100	1.00	22.13	22.50	1.089	0.033
		Top	501204	2506.0	-0.120	0.015	100	1.00	22.13	22.50	1.089	0.016
		Bottom	501204	2506.0	-0.070	0.002	100	1.00	22.13	22.50	1.089	0.002
	50%RB	Front	501204	2506.0	0.090	0.006	100	1.00	22.13	22.50	1.089	0.007
		Back	501204	2506.0	-0.020	0.010	100	1.00	22.13	22.50	1.089	0.011
		Left	501204	2506.0	0.040	0.004	100	1.00	22.13	22.50	1.089	0.004
		Right	501204	2506.0	0.100	0.027	100	1.00	22.13	22.50	1.089	0.029
		Top	501204	2506.0	-0.110	0.013	100	1.00	22.13	22.50	1.089	0.014
		Bottom	501204	2506.0	-0.060	0.001	100	1.00	22.13	22.50	1.089	0.001

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n48 (BW:20MHz)	1RB	Left Cheek	637000	3560.0	0.120	0.044	100	1.00	22.50	22.50	1.000	0.044
		Left Tilt	637000	3560.0	-0.130	0.054	100	1.00	22.50	22.50	1.000	0.054
		Right Cheek	637000	3560.0	-0.110	0.009	100	1.00	22.50	22.50	1.000	0.009
		Right Tilt	637000	3560.0	0.006	0.011	100	1.00	22.50	22.50	1.000	0.011
	50%RB	Left Cheek	637000	3560.0	-0.050	0.040	100	1.00	22.50	22.50	1.000	0.040
		Left Tilt	637000	3560.0	0.200	0.052	100	1.00	22.50	22.50	1.000	0.052
		Right Cheek	637000	3560.0	-0.030	0.008	100	1.00	22.50	22.50	1.000	0.008
		Right Tilt	637000	3560.0	-0.010	0.010	100	1.00	22.50	22.50	1.000	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 n48 (BW:20MHz)	1RB	Front	637000	3560.0	0.070	0.012	100	1.00	22.50	22.50	1.000	0.012
		Back	637000	3560.0	-0.080	0.017	100	1.00	22.50	22.50	1.000	0.017
		Left	637000	3560.0	-0.120	0.005	100	1.00	22.50	22.50	1.000	0.005
		Right	637000	3560.0	0.080	0.011	100	1.00	22.50	22.50	1.000	0.011
		Top	637000	3560.0	-0.110	0.014	100	1.00	22.50	22.50	1.000	0.014
		Bottom	637000	3560.0	0.010	0.003	100	1.00	22.50	22.50	1.000	0.003
	50%RB	Front	637000	3560.0	-0.010	0.010	100	1.00	22.50	22.50	1.000	0.010
		Back	637000	3560.0	-0.060	0.013	100	1.00	22.50	22.50	1.000	0.013
		Left	637000	3560.0	0.100	0.005	100	1.00	22.50	22.50	1.000	0.005
		Right	637000	3560.0	-0.100	0.010	100	1.00	22.50	22.50	1.000	0.010
		Top	637000	3560.0	-0.020	0.011	100	1.00	22.50	22.50	1.000	0.011
		Bottom	637000	3560.0	0.050	0.003	100	1.00	22.50	22.50	1.000	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n66 (BW:20MHz)	1RB	Left Cheek	343000	1715.0	-0.150	0.123	100	1.00	22.16	22.50	1.081	0.133
		Left Tilt	343000	1715.0	-0.120	0.184	100	1.00	22.16	22.50	1.081	0.199
		Right Cheek	343000	1715.0	0.080	0.277	100	1.00	22.16	22.50	1.081	0.300
		Right Tilt	343000	1715.0	-0.040	0.358	100	1.00	22.16	22.50	1.081	0.387
	50%RB	Left Cheek	343000	1715.0	-0.130	0.113	100	1.00	22.16	22.50	1.081	0.122
		Left Tilt	343000	1715.0	-0.110	0.169	100	1.00	22.16	22.50	1.081	0.183
		Right Cheek	343000	1715.0	0.070	0.254	100	1.00	22.16	22.50	1.081	0.275
		Right Tilt	343000	1715.0	-0.030	0.329	100	1.00	22.16	22.50	1.081	0.356
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:20MHz)	1RB	Front	343000	1715.0	0.080	0.042	100	1.00	22.16	22.50	1.081	0.045
		Back	343000	1715.0	-0.130	0.050	100	1.00	22.16	22.50	1.081	0.054
		Left	343000	1715.0	-0.110	0.022	100	1.00	22.16	22.50	1.081	0.024
		Right	343000	1715.0	0.080	0.016	100	1.00	22.16	22.50	1.081	0.017
		Top	343000	1715.0	0.090	0.056	100	1.00	22.16	22.50	1.081	0.061
		Bottom	343000	1715.0	-0.100	0.018	100	1.00	22.16	22.50	1.081	0.019
	50%RB	Front	343000	1715.0	0.070	0.038	100	1.00	22.16	22.50	1.081	0.041
		Back	343000	1715.0	-0.110	0.046	100	1.00	22.16	22.50	1.081	0.050
		Left	343000	1715.0	-0.100	0.020	100	1.00	22.16	22.50	1.081	0.022
		Right	343000	1715.0	0.070	0.014	100	1.00	22.16	22.50	1.081	0.015
		Top	343000	1715.0	0.080	0.051	100	1.00	22.16	22.50	1.081	0.055
		Bottom	343000	1715.0	-0.090	0.016	100	1.00	22.16	22.50	1.081	0.017

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77(3450-3550) (BW:20MHz)	1RB	Left Cheek	630334	3455.0	0.130	0.150	100	1.00	22.44	22.50	1.014	0.152
		Left Tilt	630334	3455.0	0.090	0.213	100	1.00	22.44	22.50	1.014	0.216
		Right Cheek	630334	3455.0	0.170	0.066	100	1.00	22.44	22.50	1.014	0.067
		Right Tilt	630334	3455.0	-0.060	0.095	100	1.00	22.44	22.50	1.014	0.096
	50%RB	Left Cheek	630334	3455.0	0.120	0.142	100	1.00	22.44	22.50	1.014	0.144
		Left Tilt	630334	3455.0	0.080	0.202	100	1.00	22.44	22.50	1.014	0.205
		Right Cheek	630334	3455.0	0.160	0.062	100	1.00	22.44	22.50	1.014	0.063
		Right Tilt	630334	3455.0	-0.050	0.090	100	1.00	22.44	22.50	1.014	0.091
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(3450-3550) (BW:20MHz)	1RB	Front	630334	3455.0	0.030	0.080	100	1.00	22.44	22.50	1.014	0.081
		Back	630334	3455.0	0.140	0.122	100	1.00	22.44	22.50	1.014	0.124
		Left	630334	3455.0	-0.100	0.002	100	1.00	22.44	22.50	1.014	0.002
		Right	630334	3455.0	-0.150	0.172	100	1.00	22.44	22.50	1.014	0.174
		Top	630334	3455.0	0.050	0.077	100	1.00	22.44	22.50	1.014	0.078
		Bottom	630334	3455.0	-0.180	0.004	100	1.00	22.44	22.50	1.014	0.004
	50%RB	Front	630334	3455.0	0.020	0.076	100	1.00	22.44	22.50	1.014	0.077
		Back	630334	3455.0	0.130	0.115	100	1.00	22.44	22.50	1.014	0.117
		Left	630334	3455.0	-0.090	0.002	100	1.00	22.44	22.50	1.014	0.002
		Right	630334	3455.0	-0.140	0.163	100	1.00	22.44	22.50	1.014	0.165
		Top	630334	3455.0	0.040	0.073	100	1.00	22.44	22.50	1.014	0.074
		Bottom	630334	3455.0	-0.170	0.004	100	1.00	22.44	22.50	1.014	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77(3550-3700) (BW:20MHz)	1RB	Left Cheek	638334	3575.0	-0.180	0.261	100	1.00	21.98	22.00	1.005	0.262
		Left Tilt	638334	3575.0	-0.160	0.374	100	1.00	21.98	22.00	1.005	0.376
		Right Cheek	638334	3575.0	0.070	0.120	100	1.00	21.98	22.00	1.005	0.121
		Right Tilt	638334	3575.0	-0.110	0.181	100	1.00	21.98	22.00	1.005	0.182
	50%RB	Left Cheek	638334	3575.0	-0.160	0.245	100	1.00	21.98	22.00	1.005	0.246
		Left Tilt	638334	3575.0	-0.150	0.351	100	1.00	21.98	22.00	1.005	0.353
		Right Cheek	638334	3575.0	0.060	0.112	100	1.00	21.98	22.00	1.005	0.113
		Right Tilt	638334	3575.0	-0.100	0.170	100	1.00	21.98	22.00	1.005	0.171
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(3550-3700) (BW:20MHz)	1RB	Front	638334	3575.0	-0.120	0.121	100	1.00	21.98	22.00	1.005	0.122
		Back	638334	3575.0	-0.110	0.176	100	1.00	21.98	22.00	1.005	0.177
		Left	638334	3575.0	-0.030	0.003	100	1.00	21.98	22.00	1.005	0.003
		Right	638334	3575.0	-0.130	0.251	100	1.00	21.98	22.00	1.005	0.252
		Top	638334	3575.0	0.030	0.112	100	1.00	21.98	22.00	1.005	0.113
		Bottom	638334	3575.0	0.090	0.006	100	1.00	21.98	22.00	1.005	0.006
	50%RB	Front	638334	3575.0	-0.110	0.113	100	1.00	21.98	22.00	1.005	0.114
		Back	638334	3575.0	-0.100	0.165	100	1.00	21.98	22.00	1.005	0.166
		Left	638334	3575.0	-0.020	0.003	100	1.00	21.98	22.00	1.005	0.003
		Right	638334	3575.0	-0.120	0.235	100	1.00	21.98	22.00	1.005	0.236
		Top	638334	3575.0	0.020	0.105	100	1.00	21.98	22.00	1.005	0.105
		Bottom	638334	3575.0	0.080	0.005	100	1.00	21.98	22.00	1.005	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)
NR n77(3700-3980) (BW:20MHz)	1RB	Left Cheek	665000	3975.0	0.130	0.245	100	1.00	22.55	23.00	1.109	0.272
		Left Tilt	665000	3975.0	-0.180	0.421	100	1.00	22.55	23.00	1.109	0.467
		Right Cheek	665000	3975.0	0.070	0.122	100	1.00	22.55	23.00	1.109	0.135
		Right Tilt	665000	3975.0	0.050	0.217	100	1.00	22.55	23.00	1.109	0.241
	50%RB	Left Cheek	665000	3975.0	0.110	0.215	100	1.00	22.55	23.00	1.109	0.238
		Left Tilt	665000	3975.0	-0.150	0.370	100	1.00	22.55	23.00	1.109	0.410
		Right Cheek	665000	3975.0	0.060	0.107	100	1.00	22.55	23.00	1.109	0.119
		Right Tilt	665000	3975.0	0.040	0.190	100	1.00	22.55	23.00	1.109	0.211
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(3700-3980) (BW:20MHz)	1RB	Front	665000	3975.0	0.020	0.143	100	1.00	22.55	23.00	1.109	0.159
		Back	665000	3975.0	-0.120	0.208	100	1.00	22.55	23.00	1.109	0.231
		Left	665000	3975.0	-0.040	0.004	100	1.00	22.55	23.00	1.109	0.004
		Right	665000	3975.0	-0.170	0.291	100	1.00	22.55	23.00	1.109	0.323
		Top	665000	3975.0	-0.040	0.128	100	1.00	22.55	23.00	1.109	0.142
		Bottom	665000	3975.0	-0.170	0.007	100	1.00	22.55	23.00	1.109	0.008
	50%RB	Front	665000	3975.0	0.070	0.125	100	1.00	22.55	23.00	1.109	0.139
		Back	665000	3975.0	-0.100	0.183	100	1.00	22.55	23.00	1.109	0.203
		Left	665000	3975.0	-0.030	0.003	100	1.00	22.55	23.00	1.109	0.003
		Right	665000	3975.0	-0.140	0.256	100	1.00	22.55	23.00	1.109	0.284
		Top	665000	3975.0	-0.030	0.112	100	1.00	22.55	23.00	1.109	0.124
		Bottom	665000	3975.0	-0.140	0.006	100	1.00	22.55	23.00	1.109	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)
NR n78(3450-3550) (BW:20MHz)	1RB	Left Cheek	630334	3455.0	-0.110	0.225	100	1.00	22.55	23.00	1.109	0.250
		Left Tilt	630334	3455.0	-0.010	0.209	100	1.00	22.55	23.00	1.109	0.232
		Right Cheek	630334	3455.0	0.000	0.073	100	1.00	22.55	23.00	1.109	0.081
		Right Tilt	630334	3455.0	0.150	0.107	100	1.00	22.55	23.00	1.109	0.119
	50%RB	Left Cheek	630334	3455.0	-0.090	0.202	100	1.00	22.55	23.00	1.109	0.224
		Left Tilt	630334	3455.0	-0.090	0.188	100	1.00	22.55	23.00	1.109	0.209
		Right Cheek	630334	3455.0	0.010	0.065	100	1.00	22.55	23.00	1.109	0.072
		Right Tilt	630334	3455.0	0.130	0.096	100	1.00	22.55	23.00	1.109	0.106
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78(3450-3550) (BW:20MHz)	1RB	Front	630334	3455.0	-0.040	0.103	100	1.00	22.55	23.00	1.109	0.114
		Back	630334	3455.0	0.060	0.155	100	1.00	22.55	23.00	1.109	0.172
		Left	630334	3455.0	-0.110	0.003	100	1.00	22.55	23.00	1.109	0.003
		Right	630334	3455.0	-0.180	0.211	100	1.00	22.55	23.00	1.109	0.234
		Top	630334	3455.0	0.160	0.092	100	1.00	22.55	23.00	1.109	0.102
		Bottom	630334	3455.0	-0.110	0.005	100	1.00	22.55	23.00	1.109	0.006
	50%RB	Front	630334	3455.0	-0.030	0.092	100	1.00	22.55	23.00	1.109	0.102
		Back	630334	3455.0	0.050	0.139	100	1.00	22.55	23.00	1.109	0.154
		Left	630334	3455.0	-0.090	0.002	100	1.00	22.55	23.00	1.109	0.002
		Right	630334	3455.0	-0.160	0.189	100	1.00	22.55	23.00	1.109	0.210
		Top	630334	3455.0	0.140	0.082	100	1.00	22.55	23.00	1.109	0.091
		Bottom	630334	3455.0	-0.090	0.004	100	1.00	22.55	23.00	1.109	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78(3550-3700) (BW:20MHz)	1RB	Left Cheek	637000	3560.0	0.120	0.334	100	1.00	22.13	22.50	1.089	0.364
		Left Tilt	637000	3560.0	-0.140	0.366	100	1.00	22.13	22.50	1.089	0.399
		Right Cheek	637000	3560.0	-0.050	0.134	100	1.00	22.13	22.50	1.089	0.146
		Right Tilt	637000	3560.0	-0.050	0.157	100	1.00	22.13	22.50	1.089	0.171
	50%RB	Left Cheek	637000	3560.0	0.100	0.283	100	1.00	22.13	22.50	1.089	0.308
		Left Tilt	637000	3560.0	-0.110	0.311	100	1.00	22.13	22.50	1.089	0.339
		Right Cheek	637000	3560.0	-0.040	0.113	100	1.00	22.13	22.50	1.089	0.123
		Right Tilt	637000	3560.0	-0.040	0.133	100	1.00	22.13	22.50	1.089	0.145
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(3550-3700) (BW:20MHz)	1RB	Front	637000	3560.0	0.110	0.134	100	1.00	22.13	22.50	1.089	0.146
		Back	637000	3560.0	-0.120	0.161	100	1.00	22.13	22.50	1.089	0.175
		Left	637000	3560.0	-0.010	0.006	100	1.00	22.13	22.50	1.089	0.007
		Right	637000	3560.0	-0.050	0.254	100	1.00	22.13	22.50	1.089	0.277
		Top	637000	3560.0	-0.170	0.140	100	1.00	22.13	22.50	1.089	0.152
		Bottom	637000	3560.0	0.010	0.003	100	1.00	22.13	22.50	1.089	0.003
	50%RB	Front	637000	3560.0	0.090	0.113	100	1.00	22.13	22.50	1.089	0.123
		Back	637000	3560.0	-0.100	0.136	100	1.00	22.13	22.50	1.089	0.148
		Left	637000	3560.0	-0.080	0.005	100	1.00	22.13	22.50	1.089	0.005
		Right	637000	3560.0	-0.040	0.215	100	1.00	22.13	22.50	1.089	0.234
		Top	637000	3560.0	-0.140	0.119	100	1.00	22.13	22.50	1.089	0.130
		Bottom	637000	3560.0	0.080	0.002	100	1.00	22.13	22.50	1.089	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(3700-3800) (BW:20MHz)	1RB	Left Cheek	647000	3705.0	-0.080	0.361	100	1.00	21.83	22.00	1.040	0.375
		Left Tilt	647000	3705.0	-0.140	0.457	100	1.00	21.83	22.00	1.040	0.475
		Right Cheek	647000	3705.0	0.070	0.160	100	1.00	21.83	22.00	1.040	0.166
		Right Tilt	647000	3705.0	-0.080	0.196	100	1.00	21.83	22.00	1.040	0.204
	50%RB	Left Cheek	647000	3705.0	-0.070	0.339	100	1.00	21.83	22.00	1.040	0.353
		Left Tilt	647000	3705.0	-0.130	0.429	100	1.00	21.83	22.00	1.040	0.446
		Right Cheek	647000	3705.0	0.060	0.150	100	1.00	21.83	22.00	1.040	0.156
		Right Tilt	647000	3705.0	-0.070	0.184	100	1.00	21.83	22.00	1.040	0.191
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(3700-3800) (BW:20MHz)	1RB	Front	647000	3705.0	-0.110	0.171	100	1.00	21.83	22.00	1.040	0.178
		Back	647000	3705.0	-0.040	0.212	100	1.00	21.83	22.00	1.040	0.220
		Left	647000	3705.0	-0.090	0.007	100	1.00	21.83	22.00	1.040	0.007
		Right	647000	3705.0	-0.120	0.324	100	1.00	21.83	22.00	1.040	0.337
		Top	647000	3705.0	0.160	0.187	100	1.00	21.83	22.00	1.040	0.194
		Bottom	647000	3705.0	0.070	0.004	100	1.00	21.83	22.00	1.040	0.004
	50%RB	Front	647000	3705.0	-0.100	0.160	100	1.00	21.83	22.00	1.040	0.166
		Back	647000	3705.0	-0.030	0.199	100	1.00	21.83	22.00	1.040	0.207
		Left	647000	3705.0	-0.080	0.006	100	1.00	21.83	22.00	1.040	0.006
		Right	647000	3705.0	-0.110	0.304	100	1.00	21.83	22.00	1.040	0.316
		Top	647000	3705.0	0.150	0.175	100	1.00	21.83	22.00	1.040	0.182
		Bottom	647000	3705.0	0.060	0.003	100	1.00	21.83	22.00	1.040	0.003

11.4.5 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	3.170	0.204	100	1.00	22.54	23.00	1.112	0.227
		Left Tilt	18625	1852.5	-4.220	0.267	100	1.00	22.54	23.00	1.112	0.297
		Right Cheek	18625	1852.5	2.160	0.332	100	1.00	22.54	23.00	1.112	0.369
		Right Tilt	18625	1852.5	1.110	0.429	100	1.00	22.54	23.00	1.112	0.477
	50%RB	Left Cheek	18625	1852.5	2.170	0.191	100	1.00	22.54	23.00	1.112	0.212
		Left Tilt	18625	1852.5	3.180	0.254	100	1.00	22.54	23.00	1.112	0.282
		Right Cheek	18625	1852.5	2.190	0.319	100	1.00	22.54	23.00	1.112	0.355
		Right Tilt	18625	1852.5	-3.170	0.416	100	1.00	22.54	23.00	1.112	0.462
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	3.840	0.158	100	1.00	22.54	23.00	1.112	0.176
		Back	18625	1852.5	-4.390	0.169	100	1.00	22.54	23.00	1.112	0.188
		Left	18625	1852.5	-3.480	0.150	100	1.00	22.54	23.00	1.112	0.167
		Right	18625	1852.5	1.670	0.142	100	1.00	22.54	23.00	1.112	0.158
		Top	18625	1852.5	-1.580	0.133	100	1.00	22.54	23.00	1.112	0.148
		Bottom	18625	1852.5	2.250	0.012	100	1.00	22.54	23.00	1.112	0.013
	50%RB	Front	18625	1852.5	0.280	0.148	100	1.00	22.54	23.00	1.112	0.165
		Back	18625	1852.5	-3.170	0.159	100	1.00	22.54	23.00	1.112	0.177
		Left	18625	1852.5	2.310	0.140	100	1.00	22.54	23.00	1.112	0.156
		Right	18625	1852.5	0.250	0.132	100	1.00	22.54	23.00	1.112	0.147
		Top	18625	1852.5	3.180	0.123	100	1.00	22.54	23.00	1.112	0.137
		Bottom	18625	1852.5	2.910	0.002	100	1.00	22.54	23.00	1.112	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n66 (BW: 20MHz)	1RB	Left Cheek	18625	1852.5	3.170	0.204	100	1.00	22.47	22.50	1.007	0.205
		Left Tilt	18625	1852.5	-4.220	0.267	100	1.00	22.47	22.50	1.007	0.269
		Right Cheek	18625	1852.5	2.160	0.332	100	1.00	22.47	22.50	1.007	0.334
		Right Tilt	18625	1852.5	1.110	0.429	100	1.00	22.47	22.50	1.007	0.432
	50%RB	Left Cheek	18625	1852.5	2.180	0.196	100	1.00	22.47	22.50	1.007	0.197
		Left Tilt	18625	1852.5	2.350	0.259	100	1.00	22.47	22.50	1.007	0.261
		Right Cheek	18625	1852.5	4.910	0.324	100	1.00	22.47	22.50	1.007	0.326
		Right Tilt	18625	1852.5	3.170	0.421	100	1.00	22.47	22.50	1.007	0.424
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	18625	1852.5	3.840	0.158	100	1.00	22.47	22.50	1.007	0.159
		Back	18625	1852.5	-4.390	0.169	100	1.00	22.47	22.50	1.007	0.170
		Left	18625	1852.5	-3.480	0.150	100	1.00	22.47	22.50	1.007	0.151
		Right	18625	1852.5	1.670	0.142	100	1.00	22.47	22.50	1.007	0.143
		Top	18625	1852.5	-1.580	0.133	100	1.00	22.47	22.50	1.007	0.134
		Bottom	18625	1852.5	2.250	0.012	100	1.00	22.47	22.50	1.007	0.012
	50%RB	Front	18625	1852.5	3.840	0.157	100	1.00	22.47	22.50	1.007	0.158
		Back	18625	1852.5	5.000	0.168	100	1.00	22.47	22.50	1.007	0.169
		Left	18625	1852.5	0.240	0.149	100	1.00	22.47	22.50	1.007	0.150
		Right	18625	1852.5	0.910	0.141	100	1.00	22.47	22.50	1.007	0.142
		Top	18625	1852.5	2.170	0.132	100	1.00	22.47	22.50	1.007	0.133
		Bottom	18625	1852.5	3.480	0.011	100	1.00	22.47	22.50	1.007	0.011

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	189000	1880.0	2.170	0.139	100	1.00	22.33	22.50	1.040	0.145
		Left Tilt	189000	1880.0	2.140	0.160	100	1.00	22.33	22.50	1.040	0.166
		Right Cheek	189000	1880.0	3.540	0.054	100	1.00	22.33	22.50	1.040	0.056
		Right Tilt	189000	1880.0	-4.360	0.073	100	1.00	22.33	22.50	1.040	0.076
	50%RB	Left Cheek	189000	1880.0	2.940	0.131	100	1.00	22.33	22.50	1.040	0.136
		Left Tilt	189000	1880.0	3.170	0.152	100	1.00	22.33	22.50	1.040	0.158
		Right Cheek	189000	1880.0	2.170	0.046	100	1.00	22.33	22.50	1.040	0.048
		Right Tilt	189000	1880.0	2.190	0.065	100	1.00	22.33	22.50	1.040	0.068
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	189000	1880.0	4.170	0.044	100	1.00	22.33	22.50	1.040	0.046
		Back	189000	1880.0	-4.650	0.048	100	1.00	22.33	22.50	1.040	0.050
		Left	189000	1880.0	-0.980	0.040	100	1.00	22.33	22.50	1.040	0.042
		Right	189000	1880.0	2.140	0.038	100	1.00	22.33	22.50	1.040	0.040
		Top	189000	1880.0	0.170	0.033	100	1.00	22.33	22.50	1.040	0.034
		Bottom	189000	1880.0	3.250	0.011	100	1.00	22.33	22.50	1.040	0.011
	50%RB	Front	189000	1880.0	0.980	0.043	100	1.00	22.33	22.50	1.040	0.045
		Back	189000	1880.0	3.270	0.047	100	1.00	22.33	22.50	1.040	0.049
		Left	189000	1880.0	0.940	0.039	100	1.00	22.33	22.50	1.040	0.041
		Right	189000	1880.0	0.370	0.037	100	1.00	22.33	22.50	1.040	0.038
		Top	189000	1880.0	2.190	0.032	100	1.00	22.33	22.50	1.040	0.033
		Bottom	189000	1880.0	3.170	0.010	100	1.00	22.33	22.50	1.040	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)
4-n7 (BW: 20MHz)	1RB	Left Cheek	20375	1752.5	2.580	0.167	100	1.00	22.85	23.00	1.035	0.173
		Left Tilt	20375	1752.5	4.210	0.242	100	1.00	22.85	23.00	1.035	0.251
		Right Cheek	20375	1752.5	0.870	0.188	100	1.00	22.85	23.00	1.035	0.195
		Right Tilt	20375	1752.5	0.380	0.260	100	1.00	22.85	23.00	1.035	0.269
	50%RB	Left Cheek	20375	1752.5	2.570	0.157	100	1.00	22.85	23.00	1.035	0.163
		Left Tilt	20375	1752.5	4.200	0.232	100	1.00	22.85	23.00	1.035	0.240
		Right Cheek	20375	1752.5	0.860	0.178	100	1.00	22.85	23.00	1.035	0.184
		Right Tilt	20375	1752.5	0.370	0.250	100	1.00	22.85	23.00	1.035	0.259
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	20375	1752.5	-3.170	0.150	100	1.00	22.85	23.00	1.035	0.155
		Back	20375	1752.5	4.500	0.157	100	1.00	22.85	23.00	1.035	0.163
		Left	20375	1752.5	1.580	0.144	100	1.00	22.85	23.00	1.035	0.149
		Right	20375	1752.5	3.470	0.135	100	1.00	22.85	23.00	1.035	0.140
		Top	20375	1752.5	-2.580	0.130	100	1.00	22.85	23.00	1.035	0.135
		Bottom	20375	1752.5	0.250	0.012	100	1.00	22.85	23.00	1.035	0.012
	50%RB	Front	20375	1752.5	-3.180	0.140	100	1.00	22.85	23.00	1.035	0.145
		Back	20375	1752.5	4.490	0.147	100	1.00	22.85	23.00	1.035	0.152
		Left	20375	1752.5	1.570	0.134	100	1.00	22.85	23.00	1.035	0.139
		Right	20375	1752.5	3.460	0.125	100	1.00	22.85	23.00	1.035	0.129
		Top	20375	1752.5	-2.590	0.120	100	1.00	22.85	23.00	1.035	0.124
		Bottom	20375	1752.5	0.240	0.002	100	1.00	22.85	23.00	1.035	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)
4-n38 (BW: 20MHz)	1RB	Left Cheek	20175	1732.5	-0.110	0.125	100	1.00	22.97	23.00	1.007	0.126
		Left Tilt	20175	1732.5	-0.060	0.023	100	1.00	22.97	23.00	1.007	0.023
		Right Cheek	20175	1732.5	-0.050	0.021	100	1.00	22.97	23.00	1.007	0.021
		Right Tilt	20175	1732.5	0.120	0.011	100	1.00	22.97	23.00	1.007	0.011
	50%RB	Left Cheek	20175	1732.5	-0.050	0.111	100	1.00	22.97	23.00	1.007	0.112
		Left Tilt	20175	1732.5	0.100	0.020	100	1.00	22.97	23.00	1.007	0.020
		Right Cheek	20175	1732.5	0.030	0.018	100	1.00	22.97	23.00	1.007	0.018
		Right Tilt	20175	1732.5	0.190	0.010	100	1.00	22.97	23.00	1.007	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)
4-n38 (BW: 20MHz)	1RB	Front	20175	1732.5	0.080	0.028	100	1.00	22.97	23.00	1.007	0.028
		Back	20175	1732.5	-0.120	0.037	100	1.00	22.97	23.00	1.007	0.037
		Left	20175	1732.5	-0.070	0.021	100	1.00	22.97	23.00	1.007	0.021
		Right	20175	1732.5	-0.130	0.016	100	1.00	22.97	23.00	1.007	0.016
		Top	20175	1732.5	-0.100	0.011	100	1.00	22.97	23.00	1.007	0.011
		Bottom	20175	1732.5	0.010	0.003	100	1.00	22.97	23.00	1.007	0.003
	50%RB	Front	20175	1732.5	-0.200	0.025	100	1.00	22.97	23.00	1.007	0.025
		Back	20175	1732.5	-0.100	0.035	100	1.00	22.97	23.00	1.007	0.035
		Left	20175	1732.5	0.060	0.016	100	1.00	22.97	23.00	1.007	0.016
		Right	20175	1732.5	0.100	0.009	100	1.00	22.97	23.00	1.007	0.009
		Top	20175	1732.5	-0.100	0.005	100	1.00	22.97	23.00	1.007	0.005
		Bottom	20175	1732.5	0.020	0.002	100	1.00	22.97	23.00	1.007	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Left Cheek	20175	1732.5	2.170	0.019	100	1.00	22.59	23.00	1.099	0.021
		Left Tilt	20175	1732.5	4.470	0.022	100	1.00	22.59	23.00	1.099	0.024
		Right Cheek	20175	1732.5	-4.250	0.026	100	1.00	22.59	23.00	1.099	0.029
		Right Tilt	20175	1732.5	4.050	0.038	100	1.00	22.59	23.00	1.099	0.042
	50%RB	Left Cheek	20175	1732.5	2.160	0.009	100	1.00	22.59	23.00	1.099	0.010
		Left Tilt	20175	1732.5	4.460	0.012	100	1.00	22.59	23.00	1.099	0.013
		Right Cheek	20175	1732.5	-4.260	0.016	100	1.00	22.59	23.00	1.099	0.018
		Right Tilt	20175	1732.5	4.040	0.028	100	1.00	22.59	23.00	1.099	0.031
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Front	20175	1732.5	-1.780	0.139	100	1.00	22.59	23.00	1.099	0.153
		Back	20175	1732.5	-4.280	0.146	100	1.00	22.59	23.00	1.099	0.160
		Left	20175	1732.5	3.170	0.132	100	1.00	22.59	23.00	1.099	0.145
		Right	20175	1732.5	2.580	0.127	100	1.00	22.59	23.00	1.099	0.140
		Top	20175	1732.5	-0.170	0.119	100	1.00	22.59	23.00	1.099	0.131
		Bottom	20175	1732.5	3.250	0.010	100	1.00	22.59	23.00	1.099	0.011
	50%RB	Front	20175	1732.5	-1.790	0.129	100	1.00	22.59	23.00	1.099	0.142
		Back	20175	1732.5	-4.290	0.136	100	1.00	22.59	23.00	1.099	0.149
		Left	20175	1732.5	3.160	0.122	100	1.00	22.59	23.00	1.099	0.134
		Right	20175	1732.5	2.570	0.117	100	1.00	22.59	23.00	1.099	0.129
		Top	20175	1732.5	-0.180	0.109	100	1.00	22.59	23.00	1.099	0.120
		Bottom	20175	1732.5	3.240	0.003	100	1.00	22.59	23.00	1.099	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n78 (BW: 20MHz)	1RB	Left Cheek	20175	1732.5	4.180	0.074	100	1.00	22.57	23.00	1.104	0.082
		Left Tilt	20175	1732.5	2.690	0.055	100	1.00	22.57	23.00	1.104	0.061
		Right Cheek	20175	1732.5	-2.670	0.067	100	1.00	22.57	23.00	1.104	0.074
		Right Tilt	20175	1732.5	-3.670	0.042	100	1.00	22.57	23.00	1.104	0.046
	50%RB	Left Cheek	20175	1732.5	4.170	0.064	100	1.00	22.57	23.00	1.104	0.071
		Left Tilt	20175	1732.5	2.680	0.045	100	1.00	22.57	23.00	1.104	0.050
		Right Cheek	20175	1732.5	-2.680	0.057	100	1.00	22.57	23.00	1.104	0.063
		Right Tilt	20175	1732.5	-3.680	0.032	100	1.00	22.57	23.00	1.104	0.035
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n78 (BW: 20MHz)	1RB	Front	20175	1732.5	3.180	0.040	100	1.00	22.57	23.00	1.104	0.044
		Back	20175	1732.5	-4.910	0.042	100	1.00	22.57	23.00	1.104	0.046
		Left	20175	1732.5	0.840	0.038	100	1.00	22.57	23.00	1.104	0.042
		Right	20175	1732.5	1.970	0.036	100	1.00	22.57	23.00	1.104	0.040
		Top	20175	1732.5	-3.180	0.031	100	1.00	22.57	23.00	1.104	0.034
		Bottom	20175	1732.5	2.170	0.009	100	1.00	22.57	23.00	1.104	0.010
	50%RB	Front	20175	1732.5	3.170	0.030	100	1.00	22.57	23.00	1.104	0.033
		Back	20175	1732.5	-4.920	0.032	100	1.00	22.57	23.00	1.104	0.035
		Left	20175	1732.5	0.830	0.028	100	1.00	22.57	23.00	1.104	0.031
		Right	20175	1732.5	1.960	0.026	100	1.00	22.57	23.00	1.104	0.029
		Top	20175	1732.5	-3.190	0.021	100	1.00	22.57	23.00	1.104	0.023
		Bottom	20175	1732.5	2.160	0.003	100	1.00	22.57	23.00	1.104	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Left Cheek	20625	846.5	2.170	0.102	100	1.00	22.86	23.00	1.033	0.105
		Left Tilt	20625	846.5	4.810	0.112	100	1.00	22.86	23.00	1.033	0.116
		Right Cheek	20625	846.5	4.630	0.148	100	1.00	22.86	23.00	1.033	0.153
		Right Tilt	20625	846.5	-4.380	0.200	100	1.00	22.86	23.00	1.033	0.207
	50%RB	Left Cheek	20625	846.5	2.160	0.092	100	1.00	22.86	23.00	1.033	0.095
		Left Tilt	20625	846.5	4.800	0.102	100	1.00	22.86	23.00	1.033	0.105
		Right Cheek	20625	846.5	4.620	0.138	100	1.00	22.86	23.00	1.033	0.143
		Right Tilt	20625	846.5	-4.390	0.190	100	1.00	22.86	23.00	1.033	0.196
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	3.870	0.112	100	1.00	22.86	23.00	1.033	0.116
		Back	20625	846.5	-3.370	0.116	100	1.00	22.86	23.00	1.033	0.120
		Left	20625	846.5	1.470	0.104	100	1.00	22.86	23.00	1.033	0.107
		Right	20625	846.5	2.780	0.098	100	1.00	22.86	23.00	1.033	0.101
		Top	20625	846.5	-3.870	0.088	100	1.00	22.86	23.00	1.033	0.091
		Bottom	20625	846.5	3.040	0.012	100	1.00	22.86	23.00	1.033	0.012
	50%RB	Front	20625	846.5	3.860	0.102	100	1.00	22.86	23.00	1.033	0.105
		Back	20625	846.5	-3.380	0.106	100	1.00	22.86	23.00	1.033	0.109
		Left	20625	846.5	1.460	0.094	100	1.00	22.86	23.00	1.033	0.097
		Right	20625	846.5	2.770	0.088	100	1.00	22.86	23.00	1.033	0.091
		Top	20625	846.5	-3.880	0.078	100	1.00	22.86	23.00	1.033	0.081
		Bottom	20625	846.5	3.030	0.002	100	1.00	22.86	23.00	1.033	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-n38 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	-4.190	0.015	100	1.00	22.88	23.00	1.028	0.015
		Left Tilt	20525	836.5	-4.200	0.017	100	1.00	22.88	23.00	1.028	0.017
		Right Cheek	20525	836.5	-1.190	0.023	100	1.00	22.88	23.00	1.028	0.024
		Right Tilt	20525	836.5	-4.390	0.027	100	1.00	22.88	23.00	1.028	0.028
	50%RB	Left Cheek	20525	836.5	-4.200	0.005	100	1.00	22.88	23.00	1.028	0.005
		Left Tilt	20525	836.5	-4.210	0.007	100	1.00	22.88	23.00	1.028	0.007
		Right Cheek	20525	836.5	-1.200	0.013	100	1.00	22.88	23.00	1.028	0.013
		Right Tilt	20525	836.5	-4.400	0.017	100	1.00	22.88	23.00	1.028	0.017
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n38 (BW: 10MHz)	1RB	Front	20525	836.5	2.470	0.060	100	1.00	22.88	23.00	1.028	0.062
		Back	20525	836.5	-4.990	0.069	100	1.00	22.88	23.00	1.028	0.071
		Left	20525	836.5	-1.980	0.055	100	1.00	22.88	23.00	1.028	0.057
		Right	20525	836.5	-3.580	0.051	100	1.00	22.88	23.00	1.028	0.052
		Top	20525	836.5	2.140	0.049	100	1.00	22.88	23.00	1.028	0.050
		Bottom	20525	836.5	3.140	0.012	100	1.00	22.88	23.00	1.028	0.012
	50%RB	Front	20525	836.5	2.460	0.050	100	1.00	22.88	23.00	1.028	0.051
		Back	20525	836.5	-5.000	0.059	100	1.00	22.88	23.00	1.028	0.061
		Left	20525	836.5	-1.990	0.045	100	1.00	22.88	23.00	1.028	0.046
		Right	20525	836.5	-3.590	0.041	100	1.00	22.88	23.00	1.028	0.042
		Top	20525	836.5	2.130	0.039	100	1.00	22.88	23.00	1.028	0.040
		Bottom	20525	836.5	3.130	0.002	100	1.00	22.88	23.00	1.028	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-n41 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	2.170	0.031	100	1.00	22.76	23.00	1.057	0.033
		Left Tilt	20525	836.5	4.410	0.034	100	1.00	22.76	23.00	1.057	0.036
		Right Cheek	20525	836.5	4.510	0.021	100	1.00	22.76	23.00	1.057	0.022
		Right Tilt	20525	836.5	-3.640	0.024	100	1.00	22.76	23.00	1.057	0.025
	50%RB	Left Cheek	20525	836.5	2.160	0.021	100	1.00	22.76	23.00	1.057	0.022
		Left Tilt	20525	836.5	4.400	0.024	100	1.00	22.76	23.00	1.057	0.025
		Right Cheek	20525	836.5	4.500	0.011	100	1.00	22.76	23.00	1.057	0.012
		Right Tilt	20525	836.5	-3.650	0.014	100	1.00	22.76	23.00	1.057	0.015
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	20525	836.5	3.200	0.054	100	1.00	22.76	23.00	1.057	0.057
		Back	20525	836.5	4.870	0.056	100	1.00	22.76	23.00	1.057	0.059
		Left	20525	836.5	-0.980	0.050	100	1.00	22.76	23.00	1.057	0.053
		Right	20525	836.5	1.480	0.045	100	1.00	22.76	23.00	1.057	0.048
		Top	20525	836.5	-3.580	0.039	100	1.00	22.76	23.00	1.057	0.041
		Bottom	20525	836.5	3.170	0.008	100	1.00	22.76	23.00	1.057	0.008
	50%RB	Front	20525	836.5	3.190	0.044	100	1.00	22.76	23.00	1.057	0.046
		Back	20525	836.5	4.860	0.046	100	1.00	22.76	23.00	1.057	0.049
		Left	20525	836.5	-0.990	0.040	100	1.00	22.76	23.00	1.057	0.042
		Right	20525	836.5	1.470	0.035	100	1.00	22.76	23.00	1.057	0.037
		Top	20525	836.5	-3.590	0.029	100	1.00	22.76	23.00	1.057	0.031
		Bottom	20525	836.5	3.160	0.004	100	1.00	22.76	23.00	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)
5-n66 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	2.130	0.039	100	1.00	22.80	23.00	1.047	0.041
		Left Tilt	20525	836.5	-4.190	0.057	100	1.00	22.80	23.00	1.047	0.060
		Right Cheek	20525	836.5	-0.380	0.065	100	1.00	22.80	23.00	1.047	0.068
		Right Tilt	20525	836.5	-4.380	0.107	100	1.00	22.80	23.00	1.047	0.112
	50%RB	Left Cheek	20525	836.5	2.120	0.029	100	1.00	22.80	23.00	1.047	0.030
		Left Tilt	20525	836.5	-4.200	0.047	100	1.00	22.80	23.00	1.047	0.049
		Right Cheek	20525	836.5	-0.390	0.055	100	1.00	22.80	23.00	1.047	0.058
		Right Tilt	20525	836.5	-4.390	0.097	100	1.00	22.80	23.00	1.047	0.102
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	0.980	0.035	100	1.00	22.80	23.00	1.047	0.037
		Back	20525	836.5	1.310	0.037	100	1.00	22.80	23.00	1.047	0.039
		Left	20525	836.5	-1.940	0.032	100	1.00	22.80	23.00	1.047	0.034
		Right	20525	836.5	1.850	0.029	100	1.00	22.80	23.00	1.047	0.030
		Top	20525	836.5	-3.290	0.025	100	1.00	22.80	23.00	1.047	0.026
		Bottom	20525	836.5	3.240	0.009	100	1.00	22.80	23.00	1.047	0.009
	50%RB	Front	20525	836.5	0.970	0.025	100	1.00	22.80	23.00	1.047	0.026
		Back	20525	836.5	1.300	0.027	100	1.00	22.80	23.00	1.047	0.028
		Left	20525	836.5	-1.950	0.022	100	1.00	22.80	23.00	1.047	0.023
		Right	20525	836.5	1.840	0.019	100	1.00	22.80	23.00	1.047	0.020
		Top	20525	836.5	-3.300	0.015	100	1.00	22.80	23.00	1.047	0.016
		Bottom	20525	836.5	3.230	0.005	100	1.00	22.80	23.00	1.047	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)
5-n77 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	2.680	0.079	100	1.00	23.83	24.00	1.040	0.082
		Left Tilt	20600	844.0	-2.080	0.081	100	1.00	23.83	24.00	1.040	0.084
		Right Cheek	20600	844.0	-4.540	0.100	100	1.00	23.83	24.00	1.040	0.104
		Right Tilt	20600	844.0	-3.640	0.105	100	1.00	23.83	24.00	1.040	0.109
	50%RB	Left Cheek	20600	844.0	2.670	0.069	100	1.00	23.83	24.00	1.040	0.072
		Left Tilt	20600	844.0	-2.090	0.071	100	1.00	23.83	24.00	1.040	0.074
		Right Cheek	20600	844.0	-4.550	0.090	100	1.00	23.83	24.00	1.040	0.094
		Right Tilt	20600	844.0	-3.650	0.095	100	1.00	23.83	24.00	1.040	0.099
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Front	20600	844.0	2.480	0.060	100	1.00	23.83	24.00	1.040	0.062
		Back	20600	844.0	4.020	0.064	100	1.00	23.83	24.00	1.040	0.067
		Left	20600	844.0	-1.940	0.058	100	1.00	23.83	24.00	1.040	0.060
		Right	20600	844.0	3.480	0.052	100	1.00	23.83	24.00	1.040	0.054
		Top	20600	844.0	-1.580	0.047	100	1.00	23.83	24.00	1.040	0.049
		Bottom	20600	844.0	3.170	0.011	100	1.00	23.83	24.00	1.040	0.011
	50%RB	Front	20600	844.0	2.470	0.050	100	1.00	23.83	24.00	1.040	0.052
		Back	20600	844.0	4.010	0.054	100	1.00	23.83	24.00	1.040	0.056
		Left	20600	844.0	-1.950	0.048	100	1.00	23.83	24.00	1.040	0.050
		Right	20600	844.0	3.470	0.042	100	1.00	23.83	24.00	1.040	0.044
		Top	20600	844.0	-1.590	0.037	100	1.00	23.83	24.00	1.040	0.038
		Bottom	20600	844.0	3.160	0.003	100	1.00	23.83	24.00	1.040	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	4.810	0.199	100	1.00	23.82	23.00	0.828	0.165
		Left Tilt	20525	836.5	-4.180	0.190	100	1.00	23.82	23.00	0.828	0.157
		Right Cheek	20525	836.5	-4.100	0.104	100	1.00	23.82	23.00	0.828	0.086
		Right Tilt	20525	836.5	4.910	0.108	100	1.00	23.82	23.00	0.828	0.089
	50%RB	Left Cheek	20525	836.5	4.800	0.189	100	1.00	23.82	23.00	0.828	0.156
		Left Tilt	20525	836.5	-4.190	0.180	100	1.00	23.82	23.00	0.828	0.149
		Right Cheek	20525	836.5	-4.110	0.094	100	1.00	23.82	23.00	0.828	0.078
		Right Tilt	20525	836.5	4.900	0.098	100	1.00	23.82	23.00	0.828	0.081
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	20525	836.5	3.180	0.055	100	1.00	23.82	23.00	0.828	0.046
		Back	20525	836.5	2.140	0.057	100	1.00	23.82	23.00	0.828	0.047
		Left	20525	836.5	2.180	0.051	100	1.00	23.82	23.00	0.828	0.042
		Right	20525	836.5	-1.870	0.048	100	1.00	23.82	23.00	0.828	0.040
		Top	20525	836.5	3.170	0.042	100	1.00	23.82	23.00	0.828	0.035
		Bottom	20525	836.5	0.250	0.012	100	1.00	23.82	23.00	0.828	0.010
	50%RB	Front	20525	836.5	3.170	0.045	100	1.00	23.82	23.00	0.828	0.037
		Back	20525	836.5	2.130	0.047	100	1.00	23.82	23.00	0.828	0.039
		Left	20525	836.5	2.170	0.041	100	1.00	23.82	23.00	0.828	0.034
		Right	20525	836.5	-1.880	0.038	100	1.00	23.82	23.00	0.828	0.031
		Top	20525	836.5	3.160	0.032	100	1.00	23.82	23.00	0.828	0.026
		Bottom	20525	836.5	0.240	0.002	100	1.00	23.82	23.00	0.828	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)
7-n7 (BW: 20MHz)	1RB	Left Cheek	21350	2560.0	-0.04	0.155	100	1.00	20.66	21.00	1.081	0.168
		Left Tilt	21350	2560.0	0.10	0.102	100	1.00	20.66	21.00	1.081	0.110
		Right Cheek	21350	2560.0	-0.20	0.130	100	1.00	20.66	21.00	1.081	0.141
		Right Tilt	21350	2560.0	-0.02	0.089	100	1.00	20.66	21.00	1.081	0.096
	50%RB	Left Cheek	21350	2560.0	-0.06	0.143	100	1.00	20.66	21.00	1.081	0.155
		Left Tilt	21350	2560.0	0.01	0.100	100	1.00	20.66	21.00	1.081	0.108
		Right Cheek	21350	2560.0	-0.02	0.119	100	1.00	20.66	21.00	1.081	0.129
		Right Tilt	21350	2560.0	0.30	0.080	100	1.00	20.66	21.00	1.081	0.087
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Front	21350	2560.0	-0.10	0.089	100	1.00	20.66	21.00	1.081	0.096
		Back	21350	2560.0	-0.05	0.112	100	1.00	20.66	21.00	1.081	0.121
		Left	21350	2560.0	0.04	0.087	100	1.00	20.66	21.00	1.081	0.094
		Right	21350	2560.0	0.06	0.080	100	1.00	20.66	21.00	1.081	0.087
		Top	21350	2560.0	0.03	0.071	100	1.00	20.66	21.00	1.081	0.077
		Bottom	21350	2560.0	0.10	0.010	100	1.00	20.66	21.00	1.081	0.011
	50%RB	Front	21350	2560.0	-0.10	0.073	100	1.00	20.66	21.00	1.081	0.079
		Back	21350	2560.0	-0.30	0.096	100	1.00	20.66	21.00	1.081	0.104
		Left	21350	2560.0	-0.20	0.081	100	1.00	20.66	21.00	1.081	0.088
		Right	21350	2560.0	0.13	0.070	100	1.00	20.66	21.00	1.081	0.076
		Top	21350	2560.0	-0.05	0.066	100	1.00	20.66	21.00	1.081	0.071
		Bottom	21350	2560.0	0.01	0.010	100	1.00	20.66	21.00	1.081	0.011

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	21100	2535.0	2.280	0.131	100	1.00	22.26	22.50	1.057	0.138
		Left Tilt	21100	2535.0	-4.300	0.103	100	1.00	22.26	22.50	1.057	0.109
		Right Cheek	21100	2535.0	-3.200	0.130	100	1.00	22.26	22.50	1.057	0.137
		Right Tilt	21100	2535.0	-4.290	0.103	100	1.00	22.26	22.50	1.057	0.109
	50%RB	Left Cheek	21100	2535.0	2.270	0.121	100	1.00	22.26	22.50	1.057	0.128
		Left Tilt	21100	2535.0	-4.310	0.093	100	1.00	22.26	22.50	1.057	0.098
		Right Cheek	21100	2535.0	-3.210	0.120	100	1.00	22.26	22.50	1.057	0.127
		Right Tilt	21100	2535.0	-4.300	0.093	100	1.00	22.26	22.50	1.057	0.098
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	21100	2535.0	-0.370	0.099	100	1.00	22.26	22.50	1.057	0.105
		Back	21100	2535.0	-3.390	0.103	100	1.00	22.26	22.50	1.057	0.109
		Left	21100	2535.0	0.840	0.094	100	1.00	22.26	22.50	1.057	0.099
		Right	21100	2535.0	2.940	0.085	100	1.00	22.26	22.50	1.057	0.090
		Top	21100	2535.0	-3.170	0.080	100	1.00	22.26	22.50	1.057	0.085
		Bottom	21100	2535.0	2.540	0.012	100	1.00	22.26	22.50	1.057	0.013
	50%RB	Front	21100	2535.0	-0.380	0.089	100	1.00	22.26	22.50	1.057	0.094
		Back	21100	2535.0	-3.400	0.093	100	1.00	22.26	22.50	1.057	0.098
		Left	21100	2535.0	0.830	0.084	100	1.00	22.26	22.50	1.057	0.089
		Right	21100	2535.0	2.930	0.075	100	1.00	22.26	22.50	1.057	0.079
		Top	21100	2535.0	-3.180	0.070	100	1.00	22.26	22.50	1.057	0.074
		Bottom	21100	2535.0	2.530	0.002	100	1.00	22.26	22.50	1.057	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)
7-n77 (BW: 20MHz)	1RB	Left Cheek	21425	2567.5	-4.580	0.025	100	1.00	22.22	22.50	1.067	0.027
		Left Tilt	21425	2567.5	2.110	0.023	100	1.00	22.22	22.50	1.067	0.025
		Right Cheek	21425	2567.5	0.120	0.021	100	1.00	22.22	22.50	1.067	0.022
		Right Tilt	21425	2567.5	3.430	0.017	100	1.00	22.22	22.50	1.067	0.018
	50%RB	Left Cheek	21425	2567.5	-4.590	0.015	100	1.00	22.22	22.50	1.067	0.016
		Left Tilt	21425	2567.5	2.100	0.013	100	1.00	22.22	22.50	1.067	0.014
		Right Cheek	21425	2567.5	0.110	0.011	100	1.00	22.22	22.50	1.067	0.012
		Right Tilt	21425	2567.5	3.420	0.007	100	1.00	22.22	22.50	1.067	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)
7-n77 (BW: 20MHz)	1RB	Front	21425	2567.5	1.800	0.065	100	1.00	22.22	22.50	1.067	0.069
		Back	21425	2567.5	5.070	0.069	100	1.00	22.22	22.50	1.067	0.074
		Left	21425	2567.5	2.190	0.061	100	1.00	22.22	22.50	1.067	0.065
		Right	21425	2567.5	2.180	0.054	100	1.00	22.22	22.50	1.067	0.058
		Top	21425	2567.5	-4.180	0.048	100	1.00	22.22	22.50	1.067	0.051
		Bottom	21425	2567.5	3.050	0.011	100	1.00	22.22	22.50	1.067	0.012
	50%RB	Front	21425	2567.5	1.790	0.055	100	1.00	22.22	22.50	1.067	0.059
		Back	21425	2567.5	5.060	0.059	100	1.00	22.22	22.50	1.067	0.063
		Left	21425	2567.5	2.180	0.051	100	1.00	22.22	22.50	1.067	0.054
		Right	21425	2567.5	2.170	0.044	100	1.00	22.22	22.50	1.067	0.047
		Top	21425	2567.5	-4.190	0.038	100	1.00	22.22	22.50	1.067	0.041
		Bottom	21425	2567.5	3.040	0.004	100	1.00	22.22	22.50	1.067	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-n78 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	2.940	0.075	100	1.00	22.27	22.50	1.054	0.079
		Left Tilt	21100	2535.0	4.350	0.071	100	1.00	22.27	22.50	1.054	0.075
		Right Cheek	21100	2535.0	-0.940	0.046	100	1.00	22.27	22.50	1.054	0.049
		Right Tilt	21100	2535.0	4.690	0.062	100	1.00	22.27	22.50	1.054	0.065
	50%RB	Left Cheek	21100	2535.0	2.930	0.065	100	1.00	22.27	22.50	1.054	0.069
		Left Tilt	21100	2535.0	4.340	0.061	100	1.00	22.27	22.50	1.054	0.064
		Right Cheek	21100	2535.0	-0.950	0.036	100	1.00	22.27	22.50	1.054	0.038
		Right Tilt	21100	2535.0	4.680	0.052	100	1.00	22.27	22.50	1.054	0.055
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Front	21100	2535.0	2.170	0.061	100	1.00	22.27	22.50	1.054	0.064
		Back	21100	2535.0	4.900	0.066	100	1.00	22.27	22.50	1.054	0.070
		Left	21100	2535.0	0.940	0.057	100	1.00	22.27	22.50	1.054	0.060
		Right	21100	2535.0	2.830	0.052	100	1.00	22.27	22.50	1.054	0.055
		Top	21100	2535.0	-3.940	0.044	100	1.00	22.27	22.50	1.054	0.046
		Bottom	21100	2535.0	3.160	0.010	100	1.00	22.27	22.50	1.054	0.011
	50%RB	Front	21100	2535.0	2.160	0.051	100	1.00	22.27	22.50	1.054	0.054
		Back	21100	2535.0	4.890	0.056	100	1.00	22.27	22.50	1.054	0.059
		Left	21100	2535.0	0.930	0.047	100	1.00	22.27	22.50	1.054	0.050
		Right	21100	2535.0	2.820	0.042	100	1.00	22.27	22.50	1.054	0.044
		Top	21100	2535.0	-3.950	0.034	100	1.00	22.27	22.50	1.054	0.036
		Bottom	21100	2535.0	3.150	0.006	100	1.00	22.27	22.50	1.054	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)
38-n78 (BW: 20MHz)	1RB	Left Cheek	38000	2595.0	3.840	0.037	100	1.00	22.08	22.50	1.102	0.041
		Left Tilt	38000	2595.0	4.000	0.016	100	1.00	22.08	22.50	1.102	0.018
		Right Cheek	38000	2595.0	4.540	0.099	100	1.00	22.08	22.50	1.102	0.109
		Right Tilt	38000	2595.0	4.870	0.129	100	1.00	22.08	22.50	1.102	0.142
	50%RB	Left Cheek	38000	2595.0	3.830	0.027	100	1.00	22.08	22.50	1.102	0.030
		Left Tilt	38000	2595.0	3.990	0.006	100	1.00	22.08	22.50	1.102	0.007
		Right Cheek	38000	2595.0	4.530	0.089	100	1.00	22.08	22.50	1.102	0.098
		Right Tilt	38000	2595.0	4.860	0.119	100	1.00	22.08	22.50	1.102	0.131
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
38-n78 (BW: 20MHz)	1RB	Front	38000	2595.0	1.870	0.044	100	1.00	22.08	22.50	1.102	0.048
		Back	38000	2595.0	-3.130	0.046	100	1.00	22.08	22.50	1.102	0.051
		Left	38000	2595.0	5.000	0.041	100	1.00	22.08	22.50	1.102	0.045
		Right	38000	2595.0	-0.310	0.040	100	1.00	22.08	22.50	1.102	0.044
		Top	38000	2595.0	0.400	0.035	100	1.00	22.08	22.50	1.102	0.039
		Bottom	38000	2595.0	3.140	0.012	100	1.00	22.08	22.50	1.102	0.013
	50%RB	Front	38000	2595.0	1.860	0.034	100	1.00	22.08	22.50	1.102	0.037
		Back	38000	2595.0	-3.140	0.036	100	1.00	22.08	22.50	1.102	0.040
		Left	38000	2595.0	4.990	0.031	100	1.00	22.08	22.50	1.102	0.034
		Right	38000	2595.0	-0.320	0.030	100	1.00	22.08	22.50	1.102	0.033
		Top	38000	2595.0	0.390	0.025	100	1.00	22.08	22.50	1.102	0.028
		Bottom	38000	2595.0	3.130	0.002	100	1.00	22.08	22.50	1.102	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-0.220	0.033	100	1.00	20.69	21.00	1.074	0.035
		Left Tilt	40620	2593.0	1.030	0.032	100	1.00	20.69	21.00	1.074	0.034
		Right Cheek	40620	2593.0	-0.250	0.119	100	1.00	20.69	21.00	1.074	0.128
		Right Tilt	40620	2593.0	1.100	0.100	100	1.00	20.69	21.00	1.074	0.107
	50%RB	Left Cheek	40620	2593.0	-0.090	0.030	100	1.00	20.69	21.00	1.074	0.032
		Left Tilt	40620	2593.0	-0.300	0.030	100	1.00	20.69	21.00	1.074	0.032
		Right Cheek	40620	2593.0	-1.000	0.108	100	1.00	20.69	21.00	1.074	0.116
		Right Tilt	40620	2593.0	-0.200	0.087	100	1.00	20.69	21.00	1.074	0.093
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Front	40620	2593.0	-0.360	0.055	100	1.00	20.69	21.00	1.074	0.059
		Back	40620	2593.0	0.280	0.069	100	1.00	20.69	21.00	1.074	0.074
		Left	40620	2593.0	-0.050	0.045	100	1.00	20.69	21.00	1.074	0.048
		Right	40620	2593.0	0.110	0.049	100	1.00	20.69	21.00	1.074	0.053
		Top	40620	2593.0	-1.500	0.040	100	1.00	20.69	21.00	1.074	0.043
		Bottom	40620	2593.0	0.660	0.015	100	1.00	20.69	21.00	1.074	0.016
	50%RB	Front	40620	2593.0	-2.000	0.052	100	1.00	20.69	21.00	1.074	0.056
		Back	40620	2593.0	-0.120	0.065	100	1.00	20.69	21.00	1.074	0.070
		Left	40620	2593.0	0.060	0.043	100	1.00	20.69	21.00	1.074	0.046
		Right	40620	2593.0	0.090	0.038	100	1.00	20.69	21.00	1.074	0.041
		Top	40620	2593.0	-0.300	0.032	100	1.00	20.69	21.00	1.074	0.034
		Bottom	40620	2593.0	-0.200	0.010	100	1.00	20.69	21.00	1.074	0.011

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	41565	2687.5	-0.760	0.028	100	1.00	21.94	22.00	1.014	0.028
		Left Tilt	41565	2687.5	2.170	0.027	100	1.00	21.94	22.00	1.014	0.027
		Right Cheek	41565	2687.5	4.220	0.101	100	1.00	21.94	22.00	1.014	0.102
		Right Tilt	41565	2687.5	4.860	0.097	100	1.00	21.94	22.00	1.014	0.098
	50%RB	Left Cheek	41565	2687.5	-0.770	0.018	100	1.00	21.94	22.00	1.014	0.018
		Left Tilt	41565	2687.5	2.160	0.017	100	1.00	21.94	22.00	1.014	0.017
		Right Cheek	41565	2687.5	4.210	0.091	100	1.00	21.94	22.00	1.014	0.092
		Right Tilt	41565	2687.5	4.850	0.087	100	1.00	21.94	22.00	1.014	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)
41-n77 (BW: 20MHz)	1RB	Front	41565	2687.5	-2.180	0.048	100	1.00	21.94	22.00	1.014	0.049
		Back	41565	2687.5	0.920	0.050	100	1.00	21.94	22.00	1.014	0.051
		Left	41565	2687.5	0.840	0.044	100	1.00	21.94	22.00	1.014	0.045
		Right	41565	2687.5	3.840	0.041	100	1.00	21.94	22.00	1.014	0.042
		Top	41565	2687.5	-2.180	0.034	100	1.00	21.94	22.00	1.014	0.034
		Bottom	41565	2687.5	3.170	0.012	100	1.00	21.94	22.00	1.014	0.012
	50%RB	Front	41565	2687.5	-2.190	0.038	100	1.00	21.94	22.00	1.014	0.039
		Back	41565	2687.5	0.910	0.040	100	1.00	21.94	22.00	1.014	0.041
		Left	41565	2687.5	0.830	0.034	100	1.00	21.94	22.00	1.014	0.034
		Right	41565	2687.5	3.830	0.031	100	1.00	21.94	22.00	1.014	0.031
		Top	41565	2687.5	-2.190	0.024	100	1.00	21.94	22.00	1.014	0.024
		Bottom	41565	2687.5	3.160	0.002	100	1.00	21.94	22.00	1.014	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	2.443	0.014	100	1.00	22.10	22.50	1.096	0.015
		Left Tilt	40620	2593.0	1.510	0.032	100	1.00	22.10	22.50	1.096	0.035
		Right Cheek	40620	2593.0	4.440	0.034	100	1.00	22.10	22.50	1.096	0.037
		Right Tilt	40620	2593.0	-4.550	0.013	100	1.00	22.10	22.50	1.096	0.014
	50%RB	Left Cheek	40620	2593.0	2.433	0.004	100	1.00	22.10	22.50	1.096	0.004
		Left Tilt	40620	2593.0	1.500	0.022	100	1.00	22.10	22.50	1.096	0.024
		Right Cheek	40620	2593.0	4.430	0.024	100	1.00	22.10	22.50	1.096	0.026
		Right Tilt	40620	2593.0	-4.560	0.003	100	1.00	22.10	22.50	1.096	0.003
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Front	40620	2593.0	-0.840	0.044	100	1.00	22.10	22.50	1.096	0.048
		Back	40620	2593.0	4.050	0.048	100	1.00	22.10	22.50	1.096	0.053
		Left	40620	2593.0	2.170	0.041	100	1.00	22.10	22.50	1.096	0.045
		Right	40620	2593.0	-1.480	0.038	100	1.00	22.10	22.50	1.096	0.042
		Top	40620	2593.0	0.840	0.035	100	1.00	22.10	22.50	1.096	0.038
		Bottom	40620	2593.0	3.080	0.008	100	1.00	22.10	22.50	1.096	0.009
	50%RB	Front	40620	2593.0	-0.850	0.034	100	1.00	22.10	22.50	1.096	0.037
		Back	40620	2593.0	4.040	0.038	100	1.00	22.10	22.50	1.096	0.042
		Left	40620	2593.0	2.160	0.031	100	1.00	22.10	22.50	1.096	0.034
		Right	40620	2593.0	-1.490	0.028	100	1.00	22.10	22.50	1.096	0.031
		Top	40620	2593.0	0.830	0.025	100	1.00	22.10	22.50	1.096	0.027
		Bottom	40620	2593.0	3.070	0.005	100	1.00	22.10	22.50	1.096	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	132647	1775.0	2.660	0.091	100	1.00	22.87	23.00	1.030	0.094
		Left Tilt	132647	1775.0	0.840	0.102	100	1.00	22.87	23.00	1.030	0.105
		Right Cheek	132647	1775.0	4.770	0.181	100	1.00	22.87	23.00	1.030	0.186
		Right Tilt	132647	1775.0	2.550	0.241	100	1.00	22.87	23.00	1.030	0.248
	50%RB	Left Cheek	132647	1775.0	2.650	0.081	100	1.00	22.87	23.00	1.030	0.083
		Left Tilt	132647	1775.0	0.830	0.092	100	1.00	22.87	23.00	1.030	0.095
		Right Cheek	132647	1775.0	4.760	0.171	100	1.00	22.87	23.00	1.030	0.176
		Right Tilt	132647	1775.0	2.540	0.231	100	1.00	22.87	23.00	1.030	0.238
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n7 (BW: 20MHz)	1RB	Front	132647	1775.0	3.170	0.060	100	1.00	22.87	23.00	1.030	0.062
		Back	132647	1775.0	-4.760	0.062	100	1.00	22.87	23.00	1.030	0.064
		Left	132647	1775.0	0.940	0.055	100	1.00	22.87	23.00	1.030	0.057
		Right	132647	1775.0	2.170	0.051	100	1.00	22.87	23.00	1.030	0.053
		Top	132647	1775.0	-3.210	0.043	100	1.00	22.87	23.00	1.030	0.044
		Bottom	132647	1775.0	2.140	0.010	100	1.00	22.87	23.00	1.030	0.010
	50%RB	Front	132647	1775.0	3.160	0.050	100	1.00	22.87	23.00	1.030	0.052
		Back	132647	1775.0	-4.770	0.052	100	1.00	22.87	23.00	1.030	0.054
		Left	132647	1775.0	0.930	0.045	100	1.00	22.87	23.00	1.030	0.046
		Right	132647	1775.0	2.160	0.041	100	1.00	22.87	23.00	1.030	0.042
		Top	132647	1775.0	-3.220	0.033	100	1.00	22.87	23.00	1.030	0.034
		Bottom	132647	1775.0	2.130	0.003	100	1.00	22.87	23.00	1.030	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n38 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	-4.330	0.021	100	1.00	22.59	23.00	1.099	0.023
		Left Tilt	132322	1745.0	4.090	0.038	100	1.00	22.59	23.00	1.099	0.042
		Right Cheek	132322	1745.0	4.030	0.048	100	1.00	22.59	23.00	1.099	0.053
		Right Tilt	132322	1745.0	-4.670	0.034	100	1.00	22.59	23.00	1.099	0.037
	50%RB	Left Cheek	132322	1745.0	-4.340	0.011	100	1.00	22.59	23.00	1.099	0.012
		Left Tilt	132322	1745.0	4.080	0.028	100	1.00	22.59	23.00	1.099	0.031
		Right Cheek	132322	1745.0	4.020	0.038	100	1.00	22.59	23.00	1.099	0.042
		Right Tilt	132322	1745.0	-4.680	0.024	100	1.00	22.59	23.00	1.099	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)
66-n38 (BW: 20MHz)	1RB	Front	132322	1745.0	2.400	0.050	100	1.00	22.59	23.00	1.099	0.055
		Back	132322	1745.0	4.770	0.054	100	1.00	22.59	23.00	1.099	0.059
		Left	132322	1745.0	2.140	0.048	100	1.00	22.59	23.00	1.099	0.053
		Right	132322	1745.0	-0.840	0.041	100	1.00	22.59	23.00	1.099	0.045
		Top	132322	1745.0	-3.140	0.036	100	1.00	22.59	23.00	1.099	0.040
		Bottom	132322	1745.0	2.170	0.012	100	1.00	22.59	23.00	1.099	0.013
	50%RB	Front	132322	1745.0	2.390	0.040	100	1.00	22.59	23.00	1.099	0.044
		Back	132322	1745.0	4.760	0.044	100	1.00	22.59	23.00	1.099	0.048
		Left	132322	1745.0	2.130	0.038	100	1.00	22.59	23.00	1.099	0.042
		Right	132322	1745.0	-0.850	0.031	100	1.00	22.59	23.00	1.099	0.034
		Top	132322	1745.0	-3.150	0.026	100	1.00	22.59	23.00	1.099	0.029
		Bottom	132322	1745.0	2.160	0.002	100	1.00	22.59	23.00	1.099	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	-4.840	0.023	100	1.00	22.52	23.00	1.117	0.026
		Left Tilt	132322	1745.0	4.380	0.018	100	1.00	22.52	23.00	1.117	0.020
		Right Cheek	132322	1745.0	4.780	0.048	100	1.00	22.52	23.00	1.117	0.054
		Right Tilt	132322	1745.0	-4.580	0.024	100	1.00	22.52	23.00	1.117	0.027
	50%RB	Left Cheek	132322	1745.0	-4.850	0.013	100	1.00	22.52	23.00	1.117	0.015
		Left Tilt	132322	1745.0	4.370	0.008	100	1.00	22.52	23.00	1.117	0.009
		Right Cheek	132322	1745.0	4.770	0.038	100	1.00	22.52	23.00	1.117	0.042
		Right Tilt	132322	1745.0	-4.590	0.014	100	1.00	22.52	23.00	1.117	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)
66-n41 (BW: 20MHz)	1RB	Front	132322	1745.0	-4.970	0.049	100	1.00	22.52	23.00	1.117	0.055
		Back	132322	1745.0	4.200	0.052	100	1.00	22.52	23.00	1.117	0.058
		Left	132322	1745.0	2.170	0.046	100	1.00	22.52	23.00	1.117	0.051
		Right	132322	1745.0	3.100	0.041	100	1.00	22.52	23.00	1.117	0.046
		Top	132322	1745.0	-1.800	0.035	100	1.00	22.52	23.00	1.117	0.039
		Bottom	132322	1745.0	2.170	0.012	100	1.00	22.52	23.00	1.117	0.013
	50%RB	Front	132322	1745.0	-4.980	0.039	100	1.00	22.52	23.00	1.117	0.044
		Back	132322	1745.0	4.190	0.042	100	1.00	22.52	23.00	1.117	0.047
		Left	132322	1745.0	2.160	0.036	100	1.00	22.52	23.00	1.117	0.040
		Right	132322	1745.0	3.090	0.031	100	1.00	22.52	23.00	1.117	0.035
		Top	132322	1745.0	-1.810	0.025	100	1.00	22.52	23.00	1.117	0.028
		Bottom	132322	1745.0	2.160	0.002	100	1.00	22.52	23.00	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)
66-n66 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	-0.02	0.050	100	1.00	20.67	21.00	1.079	0.054
		Left Tilt	132572	1770.0	-2.01	0.042	100	1.00	20.67	21.00	1.079	0.045
		Right Cheek	132572	1770.0	-1.02	0.095	100	1.00	20.67	21.00	1.079	0.102
		Right Tilt	132572	1770.0	-0.30	0.070	100	1.00	20.67	21.00	1.079	0.076
	50%RB	Left Cheek	132572	1770.0	0.20	0.044	100	1.00	20.67	21.00	1.079	0.047
		Left Tilt	132572	1770.0	-1.00	0.038	100	1.00	20.67	21.00	1.079	0.041
		Right Cheek	132572	1770.0	0.11	0.090	100	1.00	20.67	21.00	1.079	0.097
		Right Tilt	132572	1770.0	-0.20	0.061	100	1.00	20.67	21.00	1.079	0.066
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	132572	1770.0	-0.01	0.060	100	1.00	20.67	21.00	1.079	0.065
		Back	132572	1770.0	0.20	0.068	100	1.00	20.67	21.00	1.079	0.073
		Left	132572	1770.0	-0.05	0.052	100	1.00	20.67	21.00	1.079	0.056
		Right	132572	1770.0	-2.05	0.049	100	1.00	20.67	21.00	1.079	0.053
		Top	132572	1770.0	-0.04	0.043	100	1.00	20.67	21.00	1.079	0.046
		Bottom	132572	1770.0	1.30	0.016	100	1.00	20.67	21.00	1.079	0.017
	50%RB	Front	132572	1770.0	-2.11	0.053	100	1.00	20.67	21.00	1.079	0.057
		Back	132572	1770.0	0.18	0.066	100	1.00	20.67	21.00	1.079	0.071
		Left	132572	1770.0	-3.06	0.050	100	1.00	20.67	21.00	1.079	0.054
		Right	132572	1770.0	-2.15	0.041	100	1.00	20.67	21.00	1.079	0.044
		Top	132572	1770.0	0.60	0.037	100	1.00	20.67	21.00	1.079	0.040
		Bottom	132572	1770.0	-0.07	0.012	100	1.00	20.67	21.00	1.079	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)
66-n77 (BW: 20MHz)	1RB	Left Cheek	132647	1775.0	2.180	0.043	100	1.00	22.39	22.50	1.026	0.044
		Left Tilt	132647	1775.0	2.170	0.039	100	1.00	22.39	22.50	1.026	0.040
		Right Cheek	132647	1775.0	-1.350	0.088	100	1.00	22.39	22.50	1.026	0.090
		Right Tilt	132647	1775.0	4.660	0.062	100	1.00	22.39	22.50	1.026	0.064
	50%RB	Left Cheek	132647	1775.0	2.170	0.033	100	1.00	22.39	22.50	1.026	0.034
		Left Tilt	132647	1775.0	2.160	0.029	100	1.00	22.39	22.50	1.026	0.030
		Right Cheek	132647	1775.0	-1.360	0.078	100	1.00	22.39	22.50	1.026	0.080
		Right Tilt	132647	1775.0	4.650	0.052	100	1.00	22.39	22.50	1.026	0.053
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	132647	1775.0	3.640	0.050	100	1.00	22.39	22.50	1.026	0.051
		Back	132647	1775.0	-3.040	0.053	100	1.00	22.39	22.50	1.026	0.054
		Left	132647	1775.0	1.470	0.048	100	1.00	22.39	22.50	1.026	0.049
		Right	132647	1775.0	3.580	0.045	100	1.00	22.39	22.50	1.026	0.046
		Top	132647	1775.0	-1.740	0.039	100	1.00	22.39	22.50	1.026	0.040
		Bottom	132647	1775.0	2.580	0.012	100	1.00	22.39	22.50	1.026	0.012
	50%RB	Front	132647	1775.0	3.630	0.040	100	1.00	22.39	22.50	1.026	0.041
		Back	132647	1775.0	-3.050	0.043	100	1.00	22.39	22.50	1.026	0.044
		Left	132647	1775.0	1.460	0.038	100	1.00	22.39	22.50	1.026	0.039
		Right	132647	1775.0	3.570	0.035	100	1.00	22.39	22.50	1.026	0.036
		Top	132647	1775.0	-1.750	0.029	100	1.00	22.39	22.50	1.026	0.030
		Bottom	132647	1775.0	2.570	0.002	100	1.00	22.39	22.50	1.026	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)
66-n78 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	2.840	0.022	100	1.00	22.41	22.50	1.021	0.022
		Left Tilt	132322	1745.0	2.180	0.016	100	1.00	22.41	22.50	1.021	0.016
		Right Cheek	132322	1745.0	4.520	0.044	100	1.00	22.41	22.50	1.021	0.045
		Right Tilt	132322	1745.0	-3.880	0.028	100	1.00	22.41	22.50	1.021	0.029
	50%RB	Left Cheek	132322	1745.0	2.820	0.010	100	1.00	22.41	22.50	1.021	0.010
		Left Tilt	132322	1745.0	2.160	0.004	100	1.00	22.41	22.50	1.021	0.004
		Right Cheek	132322	1745.0	4.500	0.032	100	1.00	22.41	22.50	1.021	0.033
		Right Tilt	132322	1745.0	-3.900	0.016	100	1.00	22.41	22.50	1.021	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)
66-n78 (BW: 20MHz)	1RB	Front	132322	1745.0	2.170	0.054	100	1.00	22.41	22.50	1.021	0.055
		Back	132322	1745.0	2.220	0.058	100	1.00	22.41	22.50	1.021	0.059
		Left	132322	1745.0	-3.190	0.051	100	1.00	22.41	22.50	1.021	0.052
		Right	132322	1745.0	0.180	0.043	100	1.00	22.41	22.50	1.021	0.044
		Top	132322	1745.0	-1.470	0.038	100	1.00	22.41	22.50	1.021	0.039
		Bottom	132322	1745.0	2.580	0.010	100	1.00	22.41	22.50	1.021	0.010
	50%RB	Front	132322	1745.0	2.150	0.053	100	1.00	22.41	22.50	1.021	0.054
		Back	132322	1745.0	2.200	0.057	100	1.00	22.41	22.50	1.021	0.058
		Left	132322	1745.0	-3.210	0.050	100	1.00	22.41	22.50	1.021	0.051
		Right	132322	1745.0	0.160	0.042	100	1.00	22.41	22.50	1.021	0.043
		Top	132322	1745.0	-1.490	0.037	100	1.00	22.41	22.50	1.021	0.038
		Bottom	132322	1745.0	2.560	0.009	100	1.00	22.41	22.50	1.021	0.009

11.4.6 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	6	2437	-0.020	0.248	100	1.00	17.70	18.00	1.072	0.266
	Left Tilt	6	2437	0.180	0.193	100	1.00	17.70	18.00	1.072	0.207
	Right Cheek	6	2437	0.040	0.086	100	1.00	17.70	18.00	1.072	0.092
	Right Tilt	6	2437	0.060	0.082	100	1.00	17.70	18.00	1.072	0.088
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	6	2437	0.050	0.077	100	1.00	17.70	18.00	1.072	0.083
	Back	6	2437	0.140	0.097	100	1.00	17.70	18.00	1.072	0.104
	Left	6	2437	-0.120	0.008	100	1.00	17.70	18.00	1.072	0.009
	Right	6	2437	0.070	0.092	100	1.00	17.70	18.00	1.072	0.099
	Top	6	2437	0.020	0.035	100	1.00	17.70	18.00	1.072	0.038
	Bottom	6	2437	0.170	0.007	100	1.00	17.70	18.00	1.072	0.008

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 5180-5240 802.11n- HT20	Left Cheek	48	5240	-0.060	0.102	100	1.00	13.39	13.50	1.026	0.105
	Left Tilt	48	5240	-0.110	0.140	100	1.00	13.39	13.50	1.026	0.144
	Right Cheek	48	5240	0.080	0.060	100	1.00	13.39	13.50	1.026	0.062
	Right Tilt	48	5240	0.110	0.088	100	1.00	13.39	13.50	1.026	0.090
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 802.11n- HT20	Front	48	5240	0.140	0.005	100	1.00	13.39	13.50	1.026	0.005
	Back	48	5240	0.030	0.006	100	1.00	13.39	13.50	1.026	0.006
	Left	48	5240	-0.100	0.003	100	1.00	13.39	13.50	1.026	0.003
	Right	48	5240	-0.140	0.020	100	1.00	13.39	13.50	1.026	0.021
	Top	48	5240	-0.170	0.011	100	1.00	13.39	13.50	1.026	0.011
	Bottom	48	5240	0.120	0.002	100	1.00	13.39	13.50	1.026	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11n- HT20	Left Cheek	52	5260	0.110	0.115	100	1.00	13.25	13.50	1.059	0.122
	Left Tilt	52	5260	-0.150	0.176	100	1.00	13.25	13.50	1.059	0.186
	Right Cheek	52	5260	-0.130	0.075	100	1.00	13.25	13.50	1.059	0.079
	Right Tilt	52	5260	0.090	0.098	100	1.00	13.25	13.50	1.059	0.104
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11n- HT20	Front	52	5260	0.130	0.007	100	1.00	13.25	13.50	1.059	0.007
	Back	52	5260	-0.100	0.011	100	1.00	13.25	13.50	1.059	0.012
	Left	52	5260	-0.060	0.004	100	1.00	13.25	13.50	1.059	0.004
	Right	52	5260	0.080	0.002	100	1.00	13.25	13.50	1.059	0.002
	Top	52	5260	0.030	0.015	100	1.00	13.25	13.50	1.059	0.016
	Bottom	52	5260	0.010	0.002	100	1.00	13.25	13.50	1.059	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Left Cheek	100	5500	-0.130	0.149	100	1.00	12.67	13.00	1.079	0.161
	Left Tilt	100	5500	0.080	0.267	100	1.00	12.67	13.00	1.079	0.288
	Right Cheek	100	5500	-0.080	0.061	100	1.00	12.67	13.00	1.079	0.066
	Right Tilt	100	5500	-0.070	0.100	100	1.00	12.67	13.00	1.079	0.108
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Front	100	5500	-0.140	0.068	100	1.00	12.67	13.00	1.079	0.073
	Back	100	5500	-0.160	0.086	100	1.00	12.67	13.00	1.079	0.093
	Left	100	5500	0.140	0.027	100	1.00	12.67	13.00	1.079	0.029
	Right	100	5500	-0.130	0.071	100	1.00	12.67	13.00	1.079	0.077
	Top	100	5500	0.060	0.064	100	1.00	12.67	13.00	1.079	0.069
	Bottom	100	5500	0.010	0.004	100	1.00	12.67	13.00	1.079	0.004

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11n- HT20	Left Cheek	149	5745	-0.150	0.188	100	1.00	12.16	12.50	1.081	0.203
	Left Tilt	149	5745	-0.100	0.261	100	1.00	12.16	12.50	1.081	0.282
	Right Cheek	149	5745	0.040	0.110	100	1.00	12.16	12.50	1.081	0.119
	Right Tilt	149	5745	-0.130	0.155	100	1.00	12.16	12.50	1.081	0.168
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11n- HT20	Front	149	5745	0.110	0.155	100	1.00	12.16	12.50	1.081	0.168
	Back	149	5745	-0.140	0.176	100	1.00	12.16	12.50	1.081	0.190
	Left	149	5745	-0.020	0.022	100	1.00	12.16	12.50	1.081	0.024
	Right	149	5745	0.120	0.031	100	1.00	12.16	12.50	1.081	0.034
	Top	149	5745	0.150	0.218	100	1.00	12.16	12.50	1.081	0.236
	Bottom	149	5745	-0.090	0.001	100	1.00	12.16	12.50	1.081	0.001

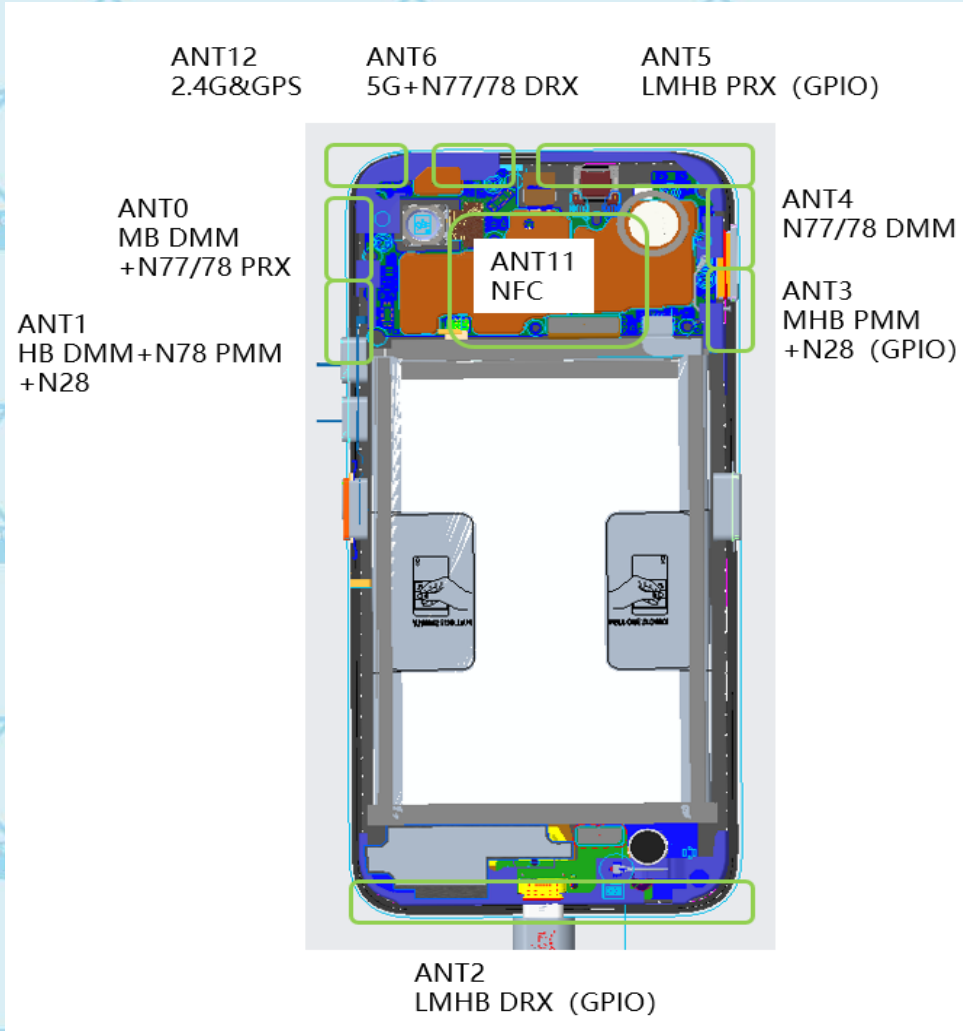
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Left Cheek	0	2402	-0.070	0.048	100	1.00	9.64	10.00	1.086	0.052
	Left Tilt	0	2402	0.011	0.060	100	1.00	9.64	10.00	1.086	0.065
	Right Cheek	0	2402	0.150	0.028	100	1.00	9.64	10.00	1.086	0.030
	Right Tilt	0	2402	-0.130	0.039	100	1.00	9.64	10.00	1.086	0.042
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Front	0	2402	-0.150	0.015	100	1.00	9.64	10.00	1.086	0.016
	Back	0	2402	0.030	0.022	100	1.00	9.64	10.00	1.086	0.024
	Left	0	2402	0.110	0.002	100	1.00	9.64	10.00	1.086	0.002
	Right	0	2402	-0.110	0.021	100	1.00	9.64	10.00	1.086	0.023
	Top	0	2402	0.080	0.012	100	1.00	9.64	10.00	1.086	0.013
	Bottom	0	2402	0.040	0.003	100	1.00	9.64	10.00	1.086	0.003

Note:

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

12 Multiple Transmitter Information

The SAR measurement positions of each side are as below:



< Rear Side >

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

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 +2.4GWi-Fi	YES	YES	YES
2	GSM/GPRS/UMTS/LTE/NR +5GWi-Fi	YES	YES	YES
2	GSM/GPRS/UMTS/LTE/NR +5GWi-Fi+BT	YES	YES	YES

Note: The device does not support simultaneous BT and 2.4GWi-Fi ,because the BT and 2.4GWi-Fi share the same antenna and can't transmit simultaneously.

12.1.1 SAR Summation Scenario

Head:

Band	Test Position	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G +BT Σ SAR (W/kg)	Llimit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)			
GSM850 (voice)	Left Cheek	0.142	0.266	0.161	0.052	0.408	0.355	1.6
	Left Tilt	0.114	0.207	0.288	0.065	0.321	0.467	
	Right Cheek	0.232	0.092	0.066	0.030	0.324	0.328	
	Right Tilt	0.306	0.088	0.108	0.042	0.394	0.456	
GSM1900 (voice)	Left Cheek	0.140	0.266	0.161	0.052	0.406	0.353	
	Left Tilt	0.191	0.207	0.288	0.065	0.398	0.544	
	Right Cheek	0.306	0.092	0.066	0.030	0.398	0.402	
	Right Tilt	0.462	0.088	0.108	0.042	0.550	0.612	
WCDMA Band 2	Left Cheek	0.309	0.266	0.161	0.052	0.575	0.522	
	Left Tilt	0.396	0.207	0.288	0.065	0.603	0.749	
	Right Cheek	0.832	0.092	0.066	0.030	0.924	0.928	
	Right Tilt	1.009	0.088	0.108	0.042	1.097	1.159	
WCDMA Band 4	Left Cheek	0.126	0.266	0.161	0.052	0.392	0.339	
	Left Tilt	0.200	0.207	0.288	0.065	0.407	0.553	
	Right Cheek	0.309	0.092	0.066	0.030	0.401	0.405	
	Right Tilt	0.452	0.088	0.108	0.042	0.540	0.602	
WCDMA Band 5	Left Cheek	0.334	0.266	0.161	0.052	0.600	0.547	
	Left Tilt	0.212	0.207	0.288	0.065	0.419	0.565	
	Right Cheek	0.696	0.092	0.066	0.030	0.788	0.792	
	Right Tilt	0.524	0.088	0.108	0.042	0.612	0.674	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G +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 3) 1g(W/kg)	BT SAR 1g(W/kg)			
LTE Band 2 QPSK (20MHz)	Left Cheek	1RB	0.418	0.266	0.161	0.052	0.684	0.631	1.6
	Left Tilt		0.647	0.207	0.288	0.065	0.854	1.000	
	Right Cheek		0.837	0.092	0.066	0.030	0.929	0.933	
	Right Tilt	50%RB	1.140	0.088	0.108	0.042	1.228	1.290	
	Left Cheek		0.384	0.266	0.161	0.052	0.650	0.597	
	Left Tilt		0.595	0.207	0.288	0.065	0.802	0.948	
	Right Cheek		0.769	0.092	0.066	0.030	0.861	0.865	
LTE Band 4 QPSK (20MHz)	Right Tilt	1RB	1.048	0.088	0.108	0.042	1.136	1.198	
	Left Cheek		0.182	0.266	0.161	0.052	0.448	0.395	
	Left Tilt		0.235	0.207	0.288	0.065	0.442	0.588	
	Right Cheek		0.420	0.092	0.066	0.030	0.512	0.516	
	Right Tilt	50%RB	0.538	0.088	0.108	0.042	0.626	0.688	
	Left Cheek		0.175	0.266	0.161	0.052	0.441	0.388	
	Left Tilt		0.225	0.207	0.288	0.065	0.432	0.578	
LTE Band 5 QPSK (10MHz)	Right Cheek	1RB	0.402	0.092	0.066	0.030	0.494	0.498	
	Right Tilt		0.516	0.088	0.108	0.042	0.604	0.666	
	Left Cheek	50%RB	0.543	0.266	0.161	0.052	0.809	0.756	
	Left Tilt		0.728	0.207	0.288	0.065	0.935	1.081	
	Right Cheek		0.787	0.092	0.066	0.030	0.879	0.883	
	Right Tilt	50%RB	0.994	0.088	0.108	0.042	1.082	1.144	
	Left Cheek		0.515	0.266	0.161	0.052	0.781	0.728	
LTE Band 7 QPSK (20MHz)	Left Tilt	1RB	0.691	0.207	0.288	0.065	0.898	1.044	
	Right Cheek		0.747	0.092	0.066	0.030	0.839	0.843	
	Right Tilt		0.944	0.088	0.108	0.042	1.032	1.094	
	Left Cheek	50%RB	0.496	0.266	0.161	0.052	0.762	0.709	
	Left Tilt		0.623	0.207	0.288	0.065	0.830	0.976	
	Right Cheek		0.674	0.092	0.066	0.030	0.766	0.770	
	Right Tilt	50%RB	1.012	0.088	0.108	0.042	1.100	1.162	
LTE Band 12 QPSK (10MHz)	Left Cheek	1RB	0.446	0.266	0.161	0.052	0.712	0.659	
	Left Tilt		0.560	0.207	0.288	0.065	0.767	0.913	
	Right Cheek		0.605	0.092	0.066	0.030	0.697	0.701	
	Right Tilt		0.910	0.088	0.108	0.042	0.998	1.060	
	Left Cheek	50%RB	0.312	0.266	0.161	0.052	0.578	0.525	
	Left Tilt		0.458	0.207	0.288	0.065	0.665	0.811	
	Right Cheek		0.432	0.092	0.066	0.030	0.524	0.528	
LTE Band 13 QPSK (10MHz)	Right Tilt	1RB	0.830	0.088	0.108	0.042	0.918	0.980	
	Left Cheek		0.293	0.266	0.161	0.052	0.559	0.506	
	Left Tilt		0.430	0.207	0.288	0.065	0.637	0.783	
	Right Cheek		0.405	0.092	0.066	0.030	0.497	0.501	
	Right Tilt	50%RB	0.779	0.088	0.108	0.042	0.867	0.929	
	Left Cheek		0.420	0.266	0.161	0.052	0.686	0.633	
	Left Tilt		0.638	0.207	0.288	0.065	0.845	0.991	
LTE Band 17 QPSK (10MHz)	Right Cheek	1RB	0.608	0.092	0.066	0.030	0.700	0.704	
	Right Tilt		1.004	0.088	0.108	0.042	1.092	1.154	
	Left Cheek		0.361	0.266	0.161	0.052	0.627	0.574	
	Left Tilt		0.548	0.207	0.288	0.065	0.755	0.901	
	Right Cheek	50%RB	0.522	0.092	0.066	0.030	0.614	0.618	
	Right Tilt		0.863	0.088	0.108	0.042	0.951	1.013	
	Left Cheek		0.250	0.266	0.161	0.052	0.516	0.463	
LTE Band 17 QPSK (10MHz)	Left Tilt	1RB	0.400	0.207	0.288	0.065	0.607	0.753	
	Right Cheek		0.387	0.092	0.066	0.030	0.479	0.483	
	Right Tilt		0.724	0.088	0.108	0.042	0.812	0.874	
	Left Cheek		0.226	0.266	0.161	0.052	0.492	0.439	
	Left Tilt	50%RB	0.364	0.207	0.288	0.065	0.571	0.717	
	Right Cheek		0.351	0.092	0.066	0.030	0.443	0.447	
	Right Tilt		0.659	0.088	0.108	0.042	0.747	0.809	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G +BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)			
LTE Band 38 QPSK (20MHz)	Left Cheek	1RB	0.294	0.266	0.161	0.052	0.560	0.507	1.6
	Left Tilt		0.384	0.207	0.288	0.065	0.591	0.737	
	Right Cheek		0.455	0.092	0.066	0.030	0.547	0.551	
	Right Tilt		0.647	0.088	0.108	0.042	0.735	0.797	
	Left Cheek	50%RB	0.258	0.266	0.161	0.052	0.524	0.471	
	Left Tilt		0.337	0.207	0.288	0.065	0.544	0.690	
	Right Cheek		0.400	0.092	0.066	0.030	0.492	0.496	
	Right Tilt		0.569	0.088	0.108	0.042	0.657	0.719	
LTE Band 41 QPSK (20MHz)	Left Cheek	1RB	0.332	0.266	0.161	0.052	0.598	0.545	
	Left Tilt		0.457	0.207	0.288	0.065	0.664	0.810	
	Right Cheek		0.573	0.092	0.066	0.030	0.665	0.669	
	Right Tilt		0.675	0.088	0.108	0.042	0.763	0.825	
	Left Cheek	50%RB	0.285	0.266	0.161	0.052	0.551	0.498	
	Left Tilt		0.392	0.207	0.288	0.065	0.599	0.745	
	Right Cheek		0.493	0.092	0.066	0.030	0.585	0.589	
	Right Tilt		0.581	0.088	0.108	0.042	0.669	0.731	
LTE Band 42 QPSK (20MHz)	Left Cheek	1RB	0.335	0.266	0.161	0.052	0.601	0.548	
	Left Tilt		0.387	0.207	0.288	0.065	0.594	0.740	
	Right Cheek		0.147	0.092	0.066	0.030	0.239	0.243	
	Right Tilt		0.182	0.088	0.108	0.042	0.270	0.332	
	Left Cheek	50%RB	0.301	0.266	0.161	0.052	0.567	0.514	
	Left Tilt		0.347	0.207	0.288	0.065	0.554	0.700	
	Right Cheek		0.131	0.092	0.066	0.030	0.223	0.227	
	Right Tilt		0.163	0.088	0.108	0.042	0.251	0.313	
LTE Band 43(3600-3700) QPSK (20MHz)	Left Cheek	1RB	0.110	0.266	0.161	0.052	0.376	0.323	
	Left Tilt		0.221	0.207	0.288	0.065	0.428	0.574	
	Right Cheek		0.036	0.092	0.066	0.030	0.128	0.132	
	Right Tilt		0.068	0.088	0.108	0.042	0.156	0.218	
	Left Cheek	50%RB	0.104	0.266	0.161	0.052	0.370	0.317	
	Left Tilt		0.210	0.207	0.288	0.065	0.417	0.563	
	Right Cheek		0.034	0.092	0.066	0.030	0.126	0.130	
	Right Tilt		0.064	0.088	0.108	0.042	0.152	0.214	
LTE Band 43(3700-3800) QPSK (20MHz)	Left Cheek	1RB	0.143	0.266	0.161	0.052	0.409	0.356	
	Left Tilt		0.255	0.207	0.288	0.065	0.462	0.608	
	Right Cheek		0.045	0.092	0.066	0.030	0.137	0.141	
	Right Tilt		0.084	0.088	0.108	0.042	0.172	0.234	
	Left Cheek	50%RB	0.125	0.266	0.161	0.052	0.391	0.338	
	Left Tilt		0.224	0.207	0.288	0.065	0.431	0.577	
	Right Cheek		0.040	0.092	0.066	0.030	0.132	0.136	
	Right Tilt		0.073	0.088	0.108	0.042	0.161	0.223	
LTE Band 48 QPSK (20MHz)	Left Cheek	1RB	0.160	0.266	0.161	0.052	0.426	0.373	
	Left Tilt		0.269	0.207	0.288	0.065	0.476	0.622	
	Right Cheek		0.057	0.092	0.066	0.030	0.149	0.153	
	Right Tilt		0.075	0.088	0.108	0.042	0.163	0.225	
	Left Cheek	50%RB	0.144	0.266	0.161	0.052	0.410	0.357	
	Left Tilt		0.242	0.207	0.288	0.065	0.449	0.595	
	Right Cheek		0.051	0.092	0.066	0.030	0.143	0.147	
	Right Tilt		0.068	0.088	0.108	0.042	0.156	0.218	
LTE Band 66 QPSK (20MHz)	Left Cheek	1RB	0.096	0.266	0.161	0.052	0.362	0.309	
	Left Tilt		0.131	0.207	0.288	0.065	0.338	0.484	
	Right Cheek		0.220	0.092	0.066	0.030	0.312	0.316	
	Right Tilt		0.308	0.088	0.108	0.042	0.396	0.458	
	Left Cheek	50%RB	0.088	0.266	0.161	0.052	0.354	0.301	
	Left Tilt		0.121	0.207	0.288	0.065	0.328	0.474	
	Right Cheek		0.204	0.092	0.066	0.030	0.296	0.300	
	Right Tilt		0.286	0.088	0.108	0.042	0.374	0.436	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G +BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)			
NR Band 5	Left Cheek	1RB	0.399	0.266	0.161	0.052	0.665	0.612	1.6
	Left Tilt		0.524	0.207	0.288	0.065	0.731	0.877	
	Right Cheek		0.647	0.092	0.066	0.030	0.739	0.743	
	Right Tilt		0.828	0.088	0.108	0.042	0.916	0.978	
	Left Cheek	50%RB	0.379	0.266	0.161	0.052	0.645	0.592	
	Left Tilt		0.498	0.207	0.288	0.065	0.705	0.851	
	Right Cheek		0.614	0.092	0.066	0.030	0.706	0.710	
	Right Tilt		0.786	0.088	0.108	0.042	0.874	0.936	
NR Band 7	Left Cheek	1RB	0.520	0.266	0.161	0.052	0.786	0.733	
	Left Tilt		0.647	0.207	0.288	0.065	0.854	1.000	
	Right Cheek		0.807	0.092	0.066	0.030	0.899	0.903	
	Right Tilt		1.005	0.088	0.108	0.042	1.093	1.155	
	Left Cheek	50%RB	0.442	0.266	0.161	0.052	0.708	0.655	
	Left Tilt		0.549	0.207	0.288	0.065	0.756	0.902	
	Right Cheek		0.685	0.092	0.066	0.030	0.777	0.781	
	Right Tilt		0.854	0.088	0.108	0.042	0.942	1.004	
NR Band 12	Left Cheek	1RB	0.343	0.266	0.161	0.052	0.609	0.556	
	Left Tilt		0.542	0.207	0.288	0.065	0.749	0.895	
	Right Cheek		0.582	0.092	0.066	0.030	0.674	0.678	
	Right Tilt		0.934	0.088	0.108	0.042	1.022	1.084	
	Left Cheek	50%RB	0.312	0.266	0.161	0.052	0.578	0.525	
	Left Tilt		0.493	0.207	0.288	0.065	0.700	0.846	
	Right Cheek		0.529	0.092	0.066	0.030	0.621	0.625	
	Right Tilt		0.850	0.088	0.108	0.042	0.938	1.000	
NR Band 38	Left Cheek	1RB	0.061	0.266	0.161	0.052	0.327	0.274	
	Left Tilt		0.072	0.207	0.288	0.065	0.279	0.425	
	Right Cheek		0.092	0.092	0.066	0.030	0.184	0.188	
	Right Tilt		0.120	0.088	0.108	0.042	0.208	0.270	
	Left Cheek	50%RB	0.053	0.266	0.161	0.052	0.319	0.266	
	Left Tilt		0.063	0.207	0.288	0.065	0.270	0.416	
	Right Cheek		0.080	0.092	0.066	0.030	0.172	0.176	
	Right Tilt		0.104	0.088	0.108	0.042	0.192	0.254	
NR Band 41	Left Cheek	1RB	0.048	0.266	0.161	0.052	0.314	0.261	
	Left Tilt		0.062	0.207	0.288	0.065	0.269	0.415	
	Right Cheek		0.074	0.092	0.066	0.030	0.166	0.170	
	Right Tilt		0.097	0.088	0.108	0.042	0.185	0.247	
	Left Cheek	50%RB	0.044	0.266	0.161	0.052	0.310	0.257	
	Left Tilt		0.057	0.207	0.288	0.065	0.264	0.410	
	Right Cheek		0.068	0.092	0.066	0.030	0.160	0.164	
	Right Tilt		0.088	0.088	0.108	0.042	0.176	0.238	
NR Band 48	Left Cheek	1RB	0.044	0.266	0.161	0.052	0.310	0.257	
	Left Tilt		0.054	0.207	0.288	0.065	0.261	0.407	
	Right Cheek		0.009	0.092	0.066	0.030	0.101	0.105	
	Right Tilt		0.011	0.088	0.108	0.042	0.099	0.161	
	Left Cheek	50%RB	0.040	0.266	0.161	0.052	0.306	0.253	
	Left Tilt		0.052	0.207	0.288	0.065	0.259	0.405	
	Right Cheek		0.008	0.092	0.066	0.030	0.100	0.104	
	Right Tilt		0.010	0.088	0.108	0.042	0.098	0.160	
NR Band 66	Left Cheek	1RB	0.133	0.266	0.161	0.052	0.399	0.346	
	Left Tilt		0.199	0.207	0.288	0.065	0.406	0.552	
	Right Cheek		0.300	0.092	0.066	0.030	0.392	0.396	
	Right Tilt		0.387	0.088	0.108	0.042	0.475	0.537	
	Left Cheek	50%RB	0.122	0.266	0.161	0.052	0.388	0.335	
	Left Tilt		0.183	0.207	0.288	0.065	0.390	0.536	
	Right Cheek		0.275	0.092	0.066	0.030	0.367	0.371	
	Right Tilt		0.356	0.088	0.108	0.042	0.444	0.506	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G +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 3) 1g(W/kg)	BT SAR 1g(W/kg)			
NR Band 77 (3450-3550)	Left Cheek	1RB	0.152	0.266	0.161	0.052	0.418	0.365	1.6
	Left Tilt		0.216	0.207	0.288	0.065	0.423	0.569	
	Right Cheek		0.067	0.092	0.066	0.030	0.159	0.163	
	Right Tilt		0.096	0.088	0.108	0.042	0.184	0.246	
	Left Cheek	50%RB	0.144	0.266	0.161	0.052	0.410	0.357	
	Left Tilt		0.205	0.207	0.288	0.065	0.412	0.558	
	Right Cheek		0.063	0.092	0.066	0.030	0.155	0.159	
	Right Tilt		0.091	0.088	0.108	0.042	0.179	0.241	
NR Band 77 (3550-3700)	Left Cheek	1RB	0.262	0.266	0.161	0.052	0.528	0.475	
	Left Tilt		0.376	0.207	0.288	0.065	0.583	0.729	
	Right Cheek		0.121	0.092	0.066	0.030	0.213	0.217	
	Right Tilt		0.182	0.088	0.108	0.042	0.270	0.332	
	Left Cheek	50%RB	0.246	0.266	0.161	0.052	0.512	0.459	
	Left Tilt		0.353	0.207	0.288	0.065	0.560	0.706	
	Right Cheek		0.113	0.092	0.066	0.030	0.205	0.209	
	Right Tilt		0.171	0.088	0.108	0.042	0.259	0.321	
NR Band 77 (3700-3980)	Left Cheek	1RB	0.272	0.266	0.161	0.052	0.538	0.485	
	Left Tilt		0.467	0.207	0.288	0.065	0.674	0.820	
	Right Cheek		0.135	0.092	0.066	0.030	0.227	0.231	
	Right Tilt		0.241	0.088	0.108	0.042	0.329	0.391	
	Left Cheek	50%RB	0.238	0.266	0.161	0.052	0.504	0.451	
	Left Tilt		0.410	0.207	0.288	0.065	0.617	0.763	
	Right Cheek		0.119	0.092	0.066	0.030	0.211	0.215	
	Right Tilt		0.211	0.088	0.108	0.042	0.299	0.361	
NR Band 78 (3450-3550)	Left Cheek	1RB	0.250	0.266	0.161	0.052	0.516	0.463	
	Left Tilt		0.232	0.207	0.288	0.065	0.439	0.585	
	Right Cheek		0.081	0.092	0.066	0.030	0.173	0.177	
	Right Tilt		0.119	0.088	0.108	0.042	0.207	0.269	
	Left Cheek	50%RB	0.224	0.266	0.161	0.052	0.490	0.437	
	Left Tilt		0.209	0.207	0.288	0.065	0.416	0.562	
	Right Cheek		0.072	0.092	0.066	0.030	0.164	0.168	
	Right Tilt		0.106	0.088	0.108	0.042	0.194	0.256	
NR Band 78 (3550-3700)	Left Cheek	1RB	0.364	0.266	0.161	0.052	0.630	0.577	
	Left Tilt		0.399	0.207	0.288	0.065	0.606	0.752	
	Right Cheek		0.146	0.092	0.066	0.030	0.238	0.242	
	Right Tilt		0.171	0.088	0.108	0.042	0.259	0.321	
	Left Cheek	50%RB	0.308	0.266	0.161	0.052	0.574	0.521	
	Left Tilt		0.339	0.207	0.288	0.065	0.546	0.692	
	Right Cheek		0.123	0.092	0.066	0.030	0.215	0.219	
	Right Tilt		0.145	0.088	0.108	0.042	0.233	0.295	
NR Band 78 (3700-3800)	Left Cheek	1RB	0.375	0.266	0.161	0.052	0.641	0.588	
	Left Tilt		0.475	0.207	0.288	0.065	0.682	0.828	
	Right Cheek		0.166	0.092	0.066	0.030	0.258	0.262	
	Right Tilt		0.204	0.088	0.108	0.042	0.292	0.354	
	Left Cheek	50%RB	0.353	0.266	0.161	0.052	0.619	0.566	
	Left Tilt		0.446	0.207	0.288	0.065	0.653	0.799	
	Right Cheek		0.156	0.092	0.066	0.030	0.248	0.252	
	Right Tilt		0.191	0.088	0.108	0.042	0.279	0.341	
2-n7	Left Cheek	1RB	0.227	0.266	0.161	0.052	0.493	0.440	
	Left Tilt		0.297	0.207	0.288	0.065	0.504	0.650	
	Right Cheek		0.369	0.092	0.066	0.030	0.461	0.465	
	Right Tilt		0.477	0.088	0.108	0.042	0.565	0.627	
	Left Cheek	50%RB	0.212	0.266	0.161	0.052	0.478	0.425	
	Left Tilt		0.282	0.207	0.288	0.065	0.489	0.635	
	Right Cheek		0.355	0.092	0.066	0.030	0.447	0.451	
	Right Tilt		0.462	0.088	0.108	0.042	0.550	0.612	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)			
2-n66	Left Cheek	1RB	0.205	0.266	0.161	0.052	0.471	0.418	1.6
	Left Tilt		0.269	0.207	0.288	0.065	0.476	0.622	
	Right Cheek		0.334	0.092	0.066	0.030	0.426	0.430	
	Right Tilt	50%RB	0.432	0.088	0.108	0.042	0.520	0.582	
	Left Cheek		0.197	0.266	0.161	0.052	0.463	0.410	
	Left Tilt		0.261	0.207	0.288	0.065	0.468	0.614	
	Right Cheek		0.326	0.092	0.066	0.030	0.418	0.422	
2-n78	Right Tilt	1RB	0.424	0.088	0.108	0.042	0.512	0.574	
	Left Cheek		0.145	0.266	0.161	0.052	0.411	0.358	
	Left Tilt		0.166	0.207	0.288	0.065	0.373	0.519	
	Right Cheek	50%RB	0.056	0.092	0.066	0.030	0.148	0.152	
	Right Tilt		0.076	0.088	0.108	0.042	0.164	0.226	
	Left Cheek		0.136	0.266	0.161	0.052	0.402	0.349	
	Left Tilt		0.158	0.207	0.288	0.065	0.365	0.511	
4-n7	Right Cheek	1RB	0.048	0.092	0.066	0.030	0.140	0.144	
	Right Tilt		0.068	0.088	0.108	0.042	0.156	0.218	
	Left Cheek	50%RB	0.173	0.266	0.161	0.052	0.439	0.386	
	Left Tilt		0.251	0.207	0.288	0.065	0.458	0.604	
	Right Cheek		0.195	0.092	0.066	0.030	0.287	0.291	
	Right Tilt		0.269	0.088	0.108	0.042	0.357	0.419	
	Left Cheek	50%RB	0.163	0.266	0.161	0.052	0.429	0.376	
4-n38	Left Tilt		0.240	0.207	0.288	0.065	0.447	0.593	
	Right Cheek		0.184	0.092	0.066	0.030	0.276	0.280	
	Right Tilt		0.259	0.088	0.108	0.042	0.347	0.409	
	Left Cheek	1RB	0.126	0.266	0.161	0.052	0.392	0.339	
	Left Tilt		0.023	0.207	0.288	0.065	0.230	0.376	
	Right Cheek	50%RB	0.021	0.092	0.066	0.030	0.113	0.117	
	Right Tilt		0.011	0.088	0.108	0.042	0.099	0.161	
4-n41	Left Cheek		0.112	0.266	0.161	0.052	0.378	0.325	
	Left Tilt		0.020	0.207	0.288	0.065	0.227	0.373	
	Right Cheek	50%RB	0.018	0.092	0.066	0.030	0.110	0.114	
	Right Tilt		0.010	0.088	0.108	0.042	0.098	0.160	
	Left Cheek	1RB	0.021	0.266	0.161	0.052	0.287	0.234	
	Left Tilt		0.024	0.207	0.288	0.065	0.231	0.377	
	Right Cheek	50%RB	0.029	0.092	0.066	0.030	0.121	0.125	
4-n78	Right Tilt		0.042	0.088	0.108	0.042	0.130	0.192	
	Left Cheek		0.010	0.266	0.161	0.052	0.276	0.223	
	Left Tilt		0.013	0.207	0.288	0.065	0.220	0.366	
	Right Cheek	50%RB	0.018	0.092	0.066	0.030	0.110	0.114	
	Right Tilt		0.031	0.088	0.108	0.042	0.119	0.181	
	Left Cheek	1RB	0.082	0.266	0.161	0.052	0.348	0.295	
	Left Tilt		0.061	0.207	0.288	0.065	0.268	0.414	
5-n7	Right Cheek		0.074	0.092	0.066	0.030	0.166	0.170	
	Right Tilt	50%RB	0.046	0.088	0.108	0.042	0.134	0.196	
	Left Cheek		0.071	0.266	0.161	0.052	0.337	0.284	
	Left Tilt		0.050	0.207	0.288	0.065	0.257	0.403	
	Right Cheek	1RB	0.063	0.092	0.066	0.030	0.155	0.159	
	Right Tilt		0.035	0.088	0.108	0.042	0.123	0.185	
	Left Cheek	50%RB	0.105	0.266	0.161	0.052	0.371	0.318	
	Left Tilt		0.116	0.207	0.288	0.065	0.323	0.469	
	Right Cheek		0.153	0.092	0.066	0.030	0.245	0.249	
	Right Tilt		0.207	0.088	0.108	0.042	0.295	0.357	
	Left Cheek	50%RB	0.095	0.266	0.161	0.052	0.361	0.308	
	Left Tilt		0.105	0.207	0.288	0.065	0.312	0.458	
	Right Cheek		0.143	0.092	0.066	0.030	0.235	0.239	
	Right Tilt		0.196	0.088	0.108	0.042	0.284	0.346	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G +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 3) 1g(W/kg)	BT SAR 1g(W/kg)			
5-n38	Left Cheek	1RB	0.015	0.266	0.161	0.052	0.281	0.228	1.6
	Left Tilt		0.017	0.207	0.288	0.065	0.224	0.370	
	Right Cheek		0.024	0.092	0.066	0.030	0.116	0.120	
	Right Tilt		0.028	0.088	0.108	0.042	0.116	0.178	
	Left Cheek	50%RB	0.005	0.266	0.161	0.052	0.271	0.218	
	Left Tilt		0.007	0.207	0.288	0.065	0.214	0.360	
	Right Cheek		0.013	0.092	0.066	0.030	0.105	0.109	
	Right Tilt		0.017	0.088	0.108	0.042	0.105	0.167	
5-n41	Left Cheek	1RB	0.033	0.266	0.161	0.052	0.299	0.246	
	Left Tilt		0.036	0.207	0.288	0.065	0.243	0.389	
	Right Cheek		0.022	0.092	0.066	0.030	0.114	0.118	
	Right Tilt		0.025	0.088	0.108	0.042	0.113	0.175	
	Left Cheek	50%RB	0.022	0.266	0.161	0.052	0.288	0.235	
	Left Tilt		0.025	0.207	0.288	0.065	0.232	0.378	
	Right Cheek		0.012	0.092	0.066	0.030	0.104	0.108	
	Right Tilt		0.015	0.088	0.108	0.042	0.103	0.165	
5-n66	Left Cheek	1RB	0.041	0.266	0.161	0.052	0.307	0.254	
	Left Tilt		0.060	0.207	0.288	0.065	0.267	0.413	
	Right Cheek		0.068	0.092	0.066	0.030	0.160	0.164	
	Right Tilt		0.112	0.088	0.108	0.042	0.200	0.262	
	Left Cheek	50%RB	0.030	0.266	0.161	0.052	0.296	0.243	
	Left Tilt		0.049	0.207	0.288	0.065	0.256	0.402	
	Right Cheek		0.058	0.092	0.066	0.030	0.150	0.154	
	Right Tilt		0.102	0.088	0.108	0.042	0.190	0.252	
5-n77	Left Cheek	1RB	0.082	0.266	0.161	0.052	0.348	0.295	
	Left Tilt		0.084	0.207	0.288	0.065	0.291	0.437	
	Right Cheek		0.104	0.092	0.066	0.030	0.196	0.200	
	Right Tilt		0.109	0.088	0.108	0.042	0.197	0.259	
	Left Cheek	50%RB	0.072	0.266	0.161	0.052	0.338	0.285	
	Left Tilt		0.074	0.207	0.288	0.065	0.281	0.427	
	Right Cheek		0.094	0.092	0.066	0.030	0.186	0.190	
	Right Tilt		0.099	0.088	0.108	0.042	0.187	0.249	
5-n78	Left Cheek	1RB	0.165	0.266	0.161	0.052	0.431	0.378	
	Left Tilt		0.157	0.207	0.288	0.065	0.364	0.510	
	Right Cheek		0.086	0.092	0.066	0.030	0.178	0.182	
	Right Tilt		0.089	0.088	0.108	0.042	0.177	0.239	
	Left Cheek	50%RB	0.156	0.266	0.161	0.052	0.422	0.369	
	Left Tilt		0.149	0.207	0.288	0.065	0.356	0.502	
	Right Cheek		0.078	0.092	0.066	0.030	0.170	0.174	
	Right Tilt		0.081	0.088	0.108	0.042	0.169	0.231	
7-n7	Left Cheek	1RB	0.168	0.266	0.161	0.052	0.434	0.381	
	Left Tilt		0.110	0.207	0.288	0.065	0.317	0.463	
	Right Cheek		0.141	0.092	0.066	0.030	0.233	0.237	
	Right Tilt		0.096	0.088	0.108	0.042	0.184	0.246	
	Left Cheek	50%RB	0.155	0.266	0.161	0.052	0.421	0.368	
	Left Tilt		0.108	0.207	0.288	0.065	0.315	0.461	
	Right Cheek		0.129	0.092	0.066	0.030	0.221	0.225	
	Right Tilt		0.087	0.088	0.108	0.042	0.175	0.237	
7-n66	Left Cheek	1RB	0.138	0.266	0.161	0.052	0.404	0.351	
	Left Tilt		0.109	0.207	0.288	0.065	0.316	0.462	
	Right Cheek		0.137	0.092	0.066	0.030	0.229	0.233	
	Right Tilt		0.109	0.088	0.108	0.042	0.197	0.259	
	Left Cheek	50%RB	0.128	0.266	0.161	0.052	0.394	0.341	
	Left Tilt		0.098	0.207	0.288	0.065	0.305	0.451	
	Right Cheek		0.127	0.092	0.066	0.030	0.219	0.223	
	Right Tilt		0.098	0.088	0.108	0.042	0.186	0.248	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)			
7-n77	Left Cheek	1RB	0.027	0.266	0.161	0.052	0.293	0.240	1.6
	Left Tilt		0.025	0.207	0.288	0.065	0.232	0.378	
	Right Cheek		0.022	0.092	0.066	0.030	0.114	0.118	
	Right Tilt	50%RB	0.018	0.088	0.108	0.042	0.106	0.168	
	Left Cheek		0.016	0.266	0.161	0.052	0.282	0.229	
	Left Tilt		0.014	0.207	0.288	0.065	0.221	0.367	
	Right Cheek		0.012	0.092	0.066	0.030	0.104	0.108	
7-n78	Right Tilt	1RB	0.007	0.088	0.108	0.042	0.095	0.157	
	Left Cheek		0.079	0.266	0.161	0.052	0.345	0.292	
	Left Tilt		0.075	0.207	0.288	0.065	0.282	0.428	
	Right Cheek	50%RB	0.049	0.092	0.066	0.030	0.141	0.145	
	Right Tilt		0.065	0.088	0.108	0.042	0.153	0.215	
	Left Cheek		0.069	0.266	0.161	0.052	0.335	0.282	
	Left Tilt		0.064	0.207	0.288	0.065	0.271	0.417	
38-n78	Right Cheek	1RB	0.038	0.092	0.066	0.030	0.130	0.134	
	Right Tilt		0.055	0.088	0.108	0.042	0.143	0.205	
	Left Cheek	50%RB	0.041	0.266	0.161	0.052	0.307	0.254	
	Left Tilt		0.018	0.207	0.288	0.065	0.225	0.371	
	Right Cheek		0.109	0.092	0.066	0.030	0.201	0.205	
	Right Tilt		0.142	0.088	0.108	0.042	0.230	0.292	
	Left Cheek	50%RB	0.030	0.266	0.161	0.052	0.296	0.243	
41-n41	Left Tilt		0.007	0.207	0.288	0.065	0.214	0.360	
	Right Cheek		0.098	0.092	0.066	0.030	0.190	0.194	
	Right Tilt		0.131	0.088	0.108	0.042	0.219	0.281	
	Left Cheek	1RB	0.035	0.266	0.161	0.052	0.301	0.248	
	Left Tilt		0.034	0.207	0.288	0.065	0.241	0.387	
	Right Cheek		0.128	0.092	0.066	0.030	0.220	0.224	
	Right Tilt	50%RB	0.107	0.088	0.108	0.042	0.195	0.257	
41-n77	Left Cheek		0.032	0.266	0.161	0.052	0.298	0.245	
	Left Tilt		0.032	0.207	0.288	0.065	0.239	0.385	
	Right Cheek		0.116	0.092	0.066	0.030	0.208	0.212	
	Right Tilt		0.093	0.088	0.108	0.042	0.181	0.243	
	Left Cheek	1RB	0.028	0.266	0.161	0.052	0.294	0.241	
	Left Tilt		0.027	0.207	0.288	0.065	0.234	0.380	
	Right Cheek		0.102	0.092	0.066	0.030	0.194	0.198	
41-n78	Right Tilt	1RB	0.098	0.088	0.108	0.042	0.186	0.248	
	Left Cheek		0.018	0.266	0.161	0.052	0.284	0.231	
	Left Tilt		0.017	0.207	0.288	0.065	0.224	0.370	
	Right Cheek	50%RB	0.092	0.092	0.066	0.030	0.184	0.188	
	Right Tilt		0.088	0.088	0.108	0.042	0.176	0.238	
	Left Cheek		0.015	0.266	0.161	0.052	0.281	0.228	
	Left Tilt		0.035	0.207	0.288	0.065	0.242	0.388	
66-n7	Right Cheek	1RB	0.037	0.092	0.066	0.030	0.129	0.133	
	Right Tilt		0.014	0.088	0.108	0.042	0.102	0.164	
	Left Cheek		0.004	0.266	0.161	0.052	0.270	0.217	
	Left Tilt	50%RB	0.024	0.207	0.288	0.065	0.231	0.377	
	Right Cheek		0.026	0.092	0.066	0.030	0.118	0.122	
	Right Tilt		0.003	0.088	0.108	0.042	0.091	0.153	
	Left Cheek		0.094	0.266	0.161	0.052	0.360	0.307	
66-n7	Left Tilt	1RB	0.105	0.207	0.288	0.065	0.312	0.458	
	Right Cheek		0.186	0.092	0.066	0.030	0.278	0.282	
	Right Tilt		0.248	0.088	0.108	0.042	0.336	0.398	
	Left Cheek	50%RB	0.083	0.266	0.161	0.052	0.349	0.296	
	Left Tilt		0.095	0.207	0.288	0.065	0.302	0.448	
	Right Cheek		0.176	0.092	0.066	0.030	0.268	0.272	
	Right Tilt		0.238	0.088	0.108	0.042	0.326	0.388	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)			
66-n38	Left Cheek	1RB	0.023	0.266	0.161	0.052	0.289	0.236	1.6
	Left Tilt		0.042	0.207	0.288	0.065	0.249	0.395	
	Right Cheek		0.053	0.092	0.066	0.030	0.145	0.149	
	Right Tilt		0.037	0.088	0.108	0.042	0.125	0.187	
	Left Cheek	50%RB	0.012	0.266	0.161	0.052	0.278	0.225	
	Left Tilt		0.031	0.207	0.288	0.065	0.238	0.384	
	Right Cheek		0.042	0.092	0.066	0.030	0.134	0.138	
	Right Tilt		0.026	0.088	0.108	0.042	0.114	0.176	
66-n41	Left Cheek	1RB	0.026	0.266	0.161	0.052	0.292	0.239	
	Left Tilt		0.020	0.207	0.288	0.065	0.227	0.373	
	Right Cheek		0.054	0.092	0.066	0.030	0.146	0.150	
	Right Tilt		0.027	0.088	0.108	0.042	0.115	0.177	
	Left Cheek	50%RB	0.015	0.266	0.161	0.052	0.281	0.228	
	Left Tilt		0.009	0.207	0.288	0.065	0.216	0.362	
	Right Cheek		0.042	0.092	0.066	0.030	0.134	0.138	
	Right Tilt		0.016	0.088	0.108	0.042	0.104	0.166	
66-n66	Left Cheek	1RB	0.054	0.266	0.161	0.052	0.320	0.267	
	Left Tilt		0.045	0.207	0.288	0.065	0.252	0.398	
	Right Cheek		0.102	0.092	0.066	0.030	0.194	0.198	
	Right Tilt		0.076	0.088	0.108	0.042	0.164	0.226	
	Left Cheek	50%RB	0.047	0.266	0.161	0.052	0.313	0.260	
	Left Tilt		0.041	0.207	0.288	0.065	0.248	0.394	
	Right Cheek		0.097	0.092	0.066	0.030	0.189	0.193	
	Right Tilt		0.066	0.088	0.108	0.042	0.154	0.216	
66-n77	Left Cheek	1RB	0.044	0.266	0.161	0.052	0.310	0.257	
	Left Tilt		0.040	0.207	0.288	0.065	0.247	0.393	
	Right Cheek		0.090	0.092	0.066	0.030	0.182	0.186	
	Right Tilt		0.064	0.088	0.108	0.042	0.152	0.214	
	Left Cheek	50%RB	0.034	0.266	0.161	0.052	0.300	0.247	
	Left Tilt		0.030	0.207	0.288	0.065	0.237	0.383	
	Right Cheek		0.080	0.092	0.066	0.030	0.172	0.176	
	Right Tilt		0.053	0.088	0.108	0.042	0.141	0.203	
66-n78	Left Cheek	1RB	0.022	0.266	0.161	0.052	0.288	0.235	
	Left Tilt		0.016	0.207	0.288	0.065	0.223	0.369	
	Right Cheek		0.045	0.092	0.066	0.030	0.137	0.141	
	Right Tilt		0.029	0.088	0.108	0.042	0.117	0.179	
	Left Cheek	50%RB	0.010	0.266	0.161	0.052	0.276	0.223	
	Left Tilt		0.004	0.207	0.288	0.065	0.211	0.357	
	Right Cheek		0.033	0.092	0.066	0.030	0.125	0.129	
	Right Tilt		0.016	0.088	0.108	0.042	0.104	0.166	

Hotspot(body-worn10mm)

Band	Test Position	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G +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	0.493	0.083	0.168	0.016	0.576	0.677	1.6
	Back	0.528	0.104	0.190	0.024	0.632	0.742	
	Left	0.085	0.009	0.024	0.002	0.094	0.111	
	Right	0.073	0.099	0.034	0.023	0.172	0.130	
	Top	0.482	0.038	0.236	0.013	0.520	0.731	
	Bottom	0.002	0.008	0.001	0.003	0.010	0.006	
GSM1900 (GPRS 4slots)	Front	0.116	0.083	0.168	0.016	0.199	0.300	
	Back	0.148	0.104	0.190	0.024	0.252	0.362	
	Left	0.060	0.009	0.024	0.002	0.069	0.086	
	Right	0.042	0.099	0.034	0.023	0.141	0.099	
	Top	0.192	0.038	0.236	0.013	0.230	0.441	
	Bottom	0.002	0.008	0.001	0.003	0.010	0.006	
WCDMA Band 2	Front	0.113	0.083	0.168	0.016	0.196	0.297	
	Back	0.149	0.104	0.190	0.024	0.253	0.363	
	Left	0.071	0.009	0.024	0.002	0.080	0.097	
	Right	0.046	0.099	0.034	0.023	0.145	0.103	
	Top	0.202	0.038	0.236	0.013	0.240	0.451	
	Bottom	0.003	0.008	0.001	0.003	0.011	0.007	
WCDMA Band 4	Front	0.049	0.083	0.168	0.016	0.132	0.233	
	Back	0.056	0.104	0.190	0.024	0.160	0.270	
	Left	0.021	0.009	0.024	0.002	0.030	0.047	
	Right	0.015	0.099	0.034	0.023	0.114	0.072	
	Top	0.066	0.038	0.236	0.013	0.104	0.315	
	Bottom	0.004	0.008	0.001	0.003	0.012	0.008	
WCDMA Band 5	Front	0.055	0.083	0.168	0.016	0.138	0.239	
	Back	0.067	0.104	0.190	0.024	0.171	0.281	
	Left	0.019	0.009	0.024	0.002	0.028	0.045	
	Right	0.014	0.099	0.034	0.023	0.113	0.071	
	Top	0.086	0.038	0.236	0.013	0.124	0.335	
	Bottom	0.006	0.008	0.001	0.003	0.014	0.010	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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	Front	1RB	0.116	0.083	0.168	0.016	0.199	0.300	1.6
	Back		0.160	0.104	0.190	0.024	0.264	0.374	
	Left		0.074	0.009	0.024	0.002	0.083	0.100	
	Right		0.054	0.099	0.034	0.023	0.153	0.111	
	Top		0.199	0.038	0.236	0.013	0.237	0.448	
	Bottom		0.007	0.008	0.001	0.003	0.015	0.011	
	Front	50%RB	0.106	0.083	0.168	0.016	0.189	0.290	
	Back		0.147	0.104	0.190	0.024	0.251	0.361	
	Left		0.068	0.009	0.024	0.002	0.077	0.094	
	Right		0.050	0.099	0.034	0.023	0.149	0.107	
	Top		0.183	0.038	0.236	0.013	0.221	0.432	
	Bottom		0.006	0.008	0.001	0.003	0.014	0.010	
LTE Band 4	Front	1RB	0.046	0.083	0.168	0.016	0.129	0.230	
	Back		0.066	0.104	0.190	0.024	0.170	0.280	
	Left		0.016	0.009	0.024	0.002	0.025	0.042	
	Right		0.012	0.099	0.034	0.023	0.111	0.069	
	Top		0.080	0.038	0.236	0.013	0.118	0.329	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	50%RB	0.043	0.083	0.168	0.016	0.126	0.227	
	Back		0.062	0.104	0.190	0.024	0.166	0.276	
	Left		0.014	0.009	0.024	0.002	0.023	0.040	
	Right		0.011	0.099	0.034	0.023	0.110	0.068	
	Top		0.077	0.038	0.236	0.013	0.115	0.326	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
LTE Band 5	Front	1RB	0.196	0.083	0.168	0.016	0.279	0.380	
	Back		0.205	0.104	0.190	0.024	0.309	0.419	
	Left		0.080	0.009	0.024	0.002	0.089	0.106	
	Right		0.070	0.099	0.034	0.023	0.169	0.127	
	Top		0.182	0.038	0.236	0.013	0.220	0.431	
	Bottom		0.005	0.008	0.001	0.003	0.013	0.009	
	Front	50%RB	0.186	0.083	0.168	0.016	0.269	0.370	
	Back		0.195	0.104	0.190	0.024	0.299	0.409	
	Left		0.076	0.009	0.024	0.002	0.085	0.102	
	Right		0.066	0.099	0.034	0.023	0.165	0.123	
	Top		0.173	0.038	0.236	0.013	0.211	0.422	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
LTE Band 7	Front	1RB	0.138	0.083	0.168	0.016	0.221	0.322	
	Back		0.186	0.104	0.190	0.024	0.290	0.400	
	Left		0.069	0.009	0.024	0.002	0.078	0.095	
	Right		0.054	0.099	0.034	0.023	0.153	0.111	
	Top		0.223	0.038	0.236	0.013	0.261	0.472	
	Bottom		0.007	0.008	0.001	0.003	0.015	0.011	
	Front	50%RB	0.125	0.083	0.168	0.016	0.208	0.309	
	Back		0.167	0.104	0.190	0.024	0.271	0.381	
	Left		0.062	0.009	0.024	0.002	0.071	0.088	
	Right		0.048	0.099	0.034	0.023	0.147	0.105	
	Top		0.201	0.038	0.236	0.013	0.239	0.450	
	Bottom		0.006	0.008	0.001	0.003	0.014	0.010	
LTE Band 12	Front	1RB	1.037	0.083	0.168	0.016	1.120	1.221	
	Back		0.119	0.104	0.190	0.024	0.223	0.333	
	Left		0.041	0.009	0.024	0.002	0.050	0.067	
	Right		0.029	0.099	0.034	0.023	0.128	0.086	
	Top		0.092	0.038	0.236	0.013	0.130	0.341	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	50%RB	0.974	0.083	0.168	0.016	1.057	1.158	
	Back		0.111	0.104	0.190	0.024	0.215	0.325	
	Left		0.038	0.009	0.024	0.002	0.047	0.064	
	Right		0.027	0.099	0.034	0.023	0.126	0.084	
	Top		0.086	0.038	0.236	0.013	0.124	0.335	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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 13	Front	1RB	0.129	0.083	0.168	0.016	0.212	0.313	1.6
	Back		0.156	0.104	0.190	0.024	0.260	0.370	
	Left		0.046	0.009	0.024	0.002	0.055	0.072	
	Right		0.032	0.099	0.034	0.023	0.131	0.089	
	Top		0.135	0.038	0.236	0.013	0.173	0.384	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
	Front	50%RB	0.110	0.083	0.168	0.016	0.193	0.294	
	Back		0.134	0.104	0.190	0.024	0.238	0.348	
	Left		0.038	0.009	0.024	0.002	0.047	0.064	
	Right		0.027	0.099	0.034	0.023	0.126	0.084	
	Top		0.115	0.038	0.236	0.013	0.153	0.364	
LTE Band 17	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
	Front	1RB	0.118	0.083	0.168	0.016	0.201	0.302	
	Back		0.127	0.104	0.190	0.024	0.231	0.341	
	Left		0.040	0.009	0.024	0.002	0.049	0.066	
	Right		0.029	0.099	0.034	0.023	0.128	0.086	
	Top		0.083	0.038	0.236	0.013	0.121	0.332	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	50%RB	0.107	0.083	0.168	0.016	0.190	0.291	
	Back		0.115	0.104	0.190	0.024	0.219	0.329	
	Left		0.036	0.009	0.024	0.002	0.045	0.062	
	Right		0.025	0.099	0.034	0.023	0.124	0.082	
	Top		0.074	0.038	0.236	0.013	0.112	0.323	
LTE Band 38	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	1RB	0.106	0.083	0.168	0.016	0.189	0.290	
	Back		0.122	0.104	0.190	0.024	0.226	0.336	
	Left		0.049	0.009	0.024	0.002	0.058	0.075	
	Right		0.040	0.099	0.034	0.023	0.139	0.097	
	Top		0.160	0.038	0.236	0.013	0.198	0.409	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	50%RB	0.093	0.083	0.168	0.016	0.176	0.277	
	Back		0.107	0.104	0.190	0.024	0.211	0.321	
	Left		0.042	0.009	0.024	0.002	0.051	0.068	
	Right		0.035	0.099	0.034	0.023	0.134	0.092	
	Top		0.141	0.038	0.236	0.013	0.179	0.390	
LTE Band 41	Bottom		0.001	0.008	0.001	0.003	0.009	0.005	
	Front	1RB	0.126	0.083	0.168	0.016	0.209	0.310	
	Back		0.145	0.104	0.190	0.024	0.249	0.359	
	Left		0.072	0.009	0.024	0.002	0.081	0.098	
	Right		0.057	0.099	0.034	0.023	0.156	0.114	
	Top		0.169	0.038	0.236	0.013	0.207	0.418	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	50%RB	0.108	0.083	0.168	0.016	0.191	0.292	
	Back		0.124	0.104	0.190	0.024	0.228	0.338	
	Left		0.061	0.009	0.024	0.002	0.070	0.087	
	Right		0.048	0.099	0.034	0.023	0.147	0.105	
	Top		0.145	0.038	0.236	0.013	0.183	0.394	
LTE Band 42	Bottom		0.001	0.008	0.001	0.003	0.009	0.005	
	Front	1RB	0.243	0.083	0.168	0.016	0.326	0.427	
	Back		0.264	0.104	0.190	0.024	0.368	0.478	
	Left		0.029	0.009	0.024	0.002	0.038	0.055	
	Right		0.038	0.099	0.034	0.023	0.137	0.095	
	Top		0.174	0.038	0.236	0.013	0.212	0.423	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
	Front	50%RB	0.218	0.083	0.168	0.016	0.301	0.402	
	Back		0.237	0.104	0.190	0.024	0.341	0.451	
	Left		0.026	0.009	0.024	0.002	0.035	0.052	
	Right		0.034	0.099	0.034	0.023	0.133	0.091	
	Top		0.156	0.038	0.236	0.013	0.194	0.405	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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 43 (3600-3700)	Front	1RB	0.073	0.083	0.168	0.016	0.156	0.257	1.6
	Back		0.085	0.104	0.190	0.024	0.189	0.299	
	Left		0.011	0.009	0.024	0.002	0.020	0.037	
	Right		0.112	0.099	0.034	0.023	0.211	0.169	
	Top		0.062	0.038	0.236	0.013	0.100	0.311	
	Bottom		0.008	0.008	0.001	0.003	0.016	0.012	
	Front	50%RB	0.069	0.083	0.168	0.016	0.152	0.253	
	Back		0.080	0.104	0.190	0.024	0.184	0.294	
	Left		0.010	0.009	0.024	0.002	0.019	0.036	
	Right		0.106	0.099	0.034	0.023	0.205	0.163	
	Top		0.059	0.038	0.236	0.013	0.097	0.308	
	Bottom		0.007	0.008	0.001	0.003	0.015	0.011	
LTE Band 43 (3700-3800)	Front	1RB	0.076	0.083	0.168	0.016	0.159	0.260	
	Back		0.097	0.104	0.190	0.024	0.201	0.311	
	Left		0.013	0.009	0.024	0.002	0.022	0.039	
	Right		0.111	0.099	0.034	0.023	0.210	0.168	
	Top		0.086	0.038	0.236	0.013	0.124	0.335	
	Bottom		0.008	0.008	0.001	0.003	0.016	0.012	
	Front	50%RB	0.066	0.083	0.168	0.016	0.149	0.250	
	Back		0.085	0.104	0.190	0.024	0.189	0.299	
	Left		0.011	0.009	0.024	0.002	0.020	0.037	
	Right		0.097	0.099	0.034	0.023	0.196	0.154	
	Top		0.075	0.038	0.236	0.013	0.113	0.324	
	Bottom		0.007	0.008	0.001	0.003	0.015	0.011	
LTE Band 48	Front	1RB	0.110	0.083	0.168	0.016	0.193	0.294	
	Back		0.143	0.104	0.190	0.024	0.247	0.357	
	Left		0.014	0.009	0.024	0.002	0.023	0.040	
	Right		0.167	0.099	0.034	0.023	0.266	0.224	
	Top		0.099	0.038	0.236	0.013	0.137	0.348	
	Bottom		0.010	0.008	0.001	0.003	0.018	0.014	
	Front	50%RB	0.098	0.083	0.168	0.016	0.181	0.282	
	Back		0.128	0.104	0.190	0.024	0.232	0.342	
	Left		0.012	0.009	0.024	0.002	0.021	0.038	
	Right		0.150	0.099	0.034	0.023	0.249	0.207	
	Top		0.088	0.038	0.236	0.013	0.126	0.337	
	Bottom		0.009	0.008	0.001	0.003	0.017	0.013	
LTE Band 66	Front	1RB	0.032	0.083	0.168	0.016	0.115	0.216	
	Back		0.040	0.104	0.190	0.024	0.144	0.254	
	Left		0.012	0.009	0.024	0.002	0.021	0.038	
	Right		0.009	0.099	0.034	0.023	0.108	0.066	
	Top		0.049	0.038	0.236	0.013	0.087	0.298	
	Bottom		0.009	0.008	0.001	0.003	0.017	0.013	
	Front	50%RB	0.028	0.083	0.168	0.016	0.111	0.212	
	Back		0.037	0.104	0.190	0.024	0.141	0.251	
	Left		0.011	0.009	0.024	0.002	0.020	0.037	
	Right		0.008	0.099	0.034	0.023	0.107	0.065	
	Top		0.045	0.038	0.236	0.013	0.083	0.294	
	Bottom		0.008	0.008	0.001	0.003	0.016	0.012	
N5	Front	1RB	0.103	0.083	0.168	0.016	0.186	0.287	
	Back		0.119	0.104	0.190	0.024	0.223	0.333	
	Left		0.065	0.009	0.024	0.002	0.074	0.091	
	Right		0.056	0.099	0.034	0.023	0.155	0.113	
	Top		0.111	0.038	0.236	0.013	0.149	0.360	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
	Front	50%RB	0.097	0.083	0.168	0.016	0.180	0.281	
	Back		0.112	0.104	0.190	0.024	0.216	0.326	
	Left		0.060	0.009	0.024	0.002	0.069	0.086	
	Right		0.053	0.099	0.034	0.023	0.152	0.110	
	Top		0.105	0.038	0.236	0.013	0.143	0.354	
	Bottom		0.010	0.008	0.001	0.003	0.018	0.014	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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)			
N7	Front	1RB	0.156	0.083	0.168	0.016	0.239	0.340	1.6
	Back		0.173	0.104	0.190	0.024	0.277	0.387	
	Left		0.104	0.009	0.024	0.002	0.113	0.130	
	Right		0.081	0.099	0.034	0.023	0.180	0.138	
	Top		0.213	0.038	0.236	0.013	0.251	0.462	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
	Front	50%RB	0.133	0.083	0.168	0.016	0.216	0.317	
	Back		0.146	0.104	0.190	0.024	0.250	0.360	
	Left		0.088	0.009	0.024	0.002	0.097	0.114	
	Right		0.068	0.099	0.034	0.023	0.167	0.125	
	Top		0.181	0.038	0.236	0.013	0.219	0.430	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
N12	Front	1RB	0.102	0.083	0.168	0.016	0.185	0.286	
	Back		0.143	0.104	0.190	0.024	0.247	0.357	
	Left		0.060	0.009	0.024	0.002	0.069	0.086	
	Right		0.053	0.099	0.034	0.023	0.152	0.110	
	Top		0.115	0.038	0.236	0.013	0.153	0.364	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
	Front	50%RB	0.092	0.083	0.168	0.016	0.175	0.276	
	Back		0.130	0.104	0.190	0.024	0.234	0.344	
	Left		0.054	0.009	0.024	0.002	0.063	0.080	
	Right		0.048	0.099	0.034	0.023	0.147	0.105	
	Top		0.104	0.038	0.236	0.013	0.142	0.353	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
N38	Front	1RB	0.026	0.083	0.168	0.016	0.109	0.210	
	Back		0.032	0.104	0.190	0.024	0.136	0.246	
	Left		0.011	0.009	0.024	0.002	0.020	0.037	
	Right		0.007	0.099	0.034	0.023	0.106	0.064	
	Top		0.027	0.038	0.236	0.013	0.065	0.276	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	50%RB	0.023	0.083	0.168	0.016	0.106	0.207	
	Back		0.027	0.104	0.190	0.024	0.131	0.241	
	Left		0.009	0.009	0.024	0.002	0.018	0.035	
	Right		0.005	0.099	0.034	0.023	0.104	0.062	
	Top		0.024	0.038	0.236	0.013	0.062	0.273	
	Bottom		0.001	0.008	0.001	0.003	0.009	0.005	
N41	Front	1RB	0.008	0.083	0.168	0.016	0.091	0.192	
	Back		0.012	0.104	0.190	0.024	0.116	0.226	
	Left		0.005	0.009	0.024	0.002	0.014	0.031	
	Right		0.033	0.099	0.034	0.023	0.132	0.090	
	Top		0.016	0.038	0.236	0.013	0.054	0.265	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	50%RB	0.007	0.083	0.168	0.016	0.090	0.191	
	Back		0.011	0.104	0.190	0.024	0.115	0.225	
	Left		0.004	0.009	0.024	0.002	0.013	0.030	
	Right		0.029	0.099	0.034	0.023	0.128	0.086	
	Top		0.014	0.038	0.236	0.013	0.052	0.263	
	Bottom		0.001	0.008	0.001	0.003	0.009	0.005	
N48	Front	1RB	0.012	0.083	0.168	0.016	0.095	0.196	
	Back		0.017	0.104	0.190	0.024	0.121	0.231	
	Left		0.005	0.009	0.024	0.002	0.014	0.031	
	Right		0.011	0.099	0.034	0.023	0.110	0.068	
	Top		0.014	0.038	0.236	0.013	0.052	0.263	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
	Front	50%RB	0.010	0.083	0.168	0.016	0.093	0.194	
	Back		0.013	0.104	0.190	0.024	0.117	0.227	
	Left		0.005	0.009	0.024	0.002	0.014	0.031	
	Right		0.010	0.099	0.034	0.023	0.109	0.067	
	Top		0.011	0.038	0.236	0.013	0.049	0.260	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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)			
N66	Front	1RB	0.045	0.083	0.168	0.016	0.128	0.229	1.6
	Back		0.054	0.104	0.190	0.024	0.158	0.268	
	Left		0.024	0.009	0.024	0.002	0.033	0.050	
	Right		0.017	0.099	0.034	0.023	0.116	0.074	
	Top		0.061	0.038	0.236	0.013	0.099	0.310	
	Bottom		0.019	0.008	0.001	0.003	0.027	0.023	
	Front	50%RB	0.041	0.083	0.168	0.016	0.124	0.225	
	Back		0.050	0.104	0.190	0.024	0.154	0.264	
	Left		0.022	0.009	0.024	0.002	0.031	0.048	
	Right		0.015	0.099	0.034	0.023	0.114	0.072	
	Top		0.055	0.038	0.236	0.013	0.093	0.304	
	Bottom		0.017	0.008	0.001	0.003	0.025	0.021	
N77 (3450-3550)	Front	1RB	0.081	0.083	0.168	0.016	0.164	0.265	
	Back		0.124	0.104	0.190	0.024	0.228	0.338	
	Left		0.002	0.009	0.024	0.002	0.011	0.028	
	Right		0.174	0.099	0.034	0.023	0.273	0.231	
	Top		0.078	0.038	0.236	0.013	0.116	0.327	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
	Front	50%RB	0.077	0.083	0.168	0.016	0.160	0.261	
	Back		0.117	0.104	0.190	0.024	0.221	0.331	
	Left		0.002	0.009	0.024	0.002	0.011	0.028	
	Right		0.165	0.099	0.034	0.023	0.264	0.222	
	Top		0.074	0.038	0.236	0.013	0.112	0.323	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
N77 (3550-3700)	Front	1RB	0.122	0.083	0.168	0.016	0.205	0.306	
	Back		0.177	0.104	0.190	0.024	0.281	0.391	
	Left		0.003	0.009	0.024	0.002	0.012	0.029	
	Right		0.252	0.099	0.034	0.023	0.351	0.309	
	Top		0.113	0.038	0.236	0.013	0.151	0.362	
	Bottom		0.006	0.008	0.001	0.003	0.014	0.010	
	Front	50%RB	0.114	0.083	0.168	0.016	0.197	0.298	
	Back		0.166	0.104	0.190	0.024	0.270	0.380	
	Left		0.003	0.009	0.024	0.002	0.012	0.029	
	Right		0.236	0.099	0.034	0.023	0.335	0.293	
	Top		0.105	0.038	0.236	0.013	0.143	0.354	
	Bottom		0.005	0.008	0.001	0.003	0.013	0.009	
N77 (3700-3980)	Front	1RB	0.159	0.083	0.168	0.016	0.242	0.343	
	Back		0.231	0.104	0.190	0.024	0.335	0.445	
	Left		0.004	0.009	0.024	0.002	0.013	0.030	
	Right		0.323	0.099	0.034	0.023	0.422	0.380	
	Top		0.142	0.038	0.236	0.013	0.180	0.391	
	Bottom		0.008	0.008	0.001	0.003	0.016	0.012	
	Front	50%RB	0.139	0.083	0.168	0.016	0.222	0.323	
	Back		0.203	0.104	0.190	0.024	0.307	0.417	
	Left		0.003	0.009	0.024	0.002	0.012	0.029	
	Right		0.284	0.099	0.034	0.023	0.383	0.341	
	Top		0.124	0.038	0.236	0.013	0.162	0.373	
	Bottom		0.007	0.008	0.001	0.003	0.015	0.011	
N78 (3450-3550)	Front	1RB	0.114	0.083	0.168	0.016	0.197	0.298	
	Back		0.172	0.104	0.190	0.024	0.276	0.386	
	Left		0.003	0.009	0.024	0.002	0.012	0.029	
	Right		0.234	0.099	0.034	0.023	0.333	0.291	
	Top		0.102	0.038	0.236	0.013	0.140	0.351	
	Bottom		0.006	0.008	0.001	0.003	0.014	0.010	
	Front	50%RB	0.102	0.083	0.168	0.016	0.185	0.286	
	Back		0.154	0.104	0.190	0.024	0.258	0.368	
	Left		0.002	0.009	0.024	0.002	0.011	0.028	
	Right		0.210	0.099	0.034	0.023	0.309	0.267	
	Top		0.091	0.038	0.236	0.013	0.129	0.340	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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)			
N78 (3550-3700)	Front	1RB	0.146	0.083	0.168	0.016	0.229	0.330	1.6
	Back		0.175	0.104	0.190	0.024	0.279	0.389	
	Left		0.007	0.009	0.024	0.002	0.016	0.033	
	Right		0.277	0.099	0.034	0.023	0.376	0.334	
	Top		0.152	0.038	0.236	0.013	0.190	0.401	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
	Front	50%RB	0.123	0.083	0.168	0.016	0.206	0.307	
	Back		0.148	0.104	0.190	0.024	0.252	0.362	
	Left		0.005	0.009	0.024	0.002	0.014	0.031	
	Right		0.234	0.099	0.034	0.023	0.333	0.291	
	Top		0.130	0.038	0.236	0.013	0.168	0.379	
N78 (3700-3800)	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	1RB	0.178	0.083	0.168	0.016	0.261	0.362	
	Back		0.220	0.104	0.190	0.024	0.324	0.434	
	Left		0.007	0.009	0.024	0.002	0.016	0.033	
	Right		0.337	0.099	0.034	0.023	0.436	0.394	
	Top		0.194	0.038	0.236	0.013	0.232	0.443	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
	Front	50%RB	0.166	0.083	0.168	0.016	0.249	0.350	
	Back		0.207	0.104	0.190	0.024	0.311	0.421	
	Left		0.006	0.009	0.024	0.002	0.015	0.032	
	Right		0.316	0.099	0.034	0.023	0.415	0.373	
	Top		0.182	0.038	0.236	0.013	0.220	0.431	
2-n7	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
	Front	1RB	0.176	0.083	0.168	0.016	0.259	0.360	
	Back		0.188	0.104	0.190	0.024	0.292	0.402	
	Left		0.167	0.009	0.024	0.002	0.176	0.193	
	Right		0.158	0.099	0.034	0.023	0.257	0.215	
	Top		0.148	0.038	0.236	0.013	0.186	0.397	
	Bottom		0.013	0.008	0.001	0.003	0.021	0.017	
	Front	50%RB	0.165	0.083	0.168	0.016	0.248	0.349	
	Back		0.177	0.104	0.190	0.024	0.281	0.391	
	Left		0.156	0.009	0.024	0.002	0.165	0.182	
	Right		0.147	0.099	0.034	0.023	0.246	0.204	
2-n66	Top		0.137	0.038	0.236	0.013	0.175	0.386	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
	Front	1RB	0.176	0.083	0.168	0.016	0.259	0.360	
	Back		0.170	0.104	0.190	0.024	0.274	0.384	
	Left		0.151	0.009	0.024	0.002	0.160	0.177	
	Right		0.143	0.099	0.034	0.023	0.242	0.200	
	Top		0.134	0.038	0.236	0.013	0.172	0.383	
	Bottom		0.012	0.008	0.001	0.003	0.020	0.016	
	Front	50%RB	0.158	0.083	0.168	0.016	0.241	0.342	
	Back		0.169	0.104	0.190	0.024	0.273	0.383	
	Left		0.150	0.009	0.024	0.002	0.159	0.176	
2-n78	Right		0.142	0.099	0.034	0.023	0.241	0.199	
	Top		0.133	0.038	0.236	0.013	0.171	0.382	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
	Front	1RB	0.046	0.083	0.168	0.016	0.129	0.230	
	Back		0.050	0.104	0.190	0.024	0.154	0.264	
	Left		0.042	0.009	0.024	0.002	0.051	0.068	
	Right		0.040	0.099	0.034	0.023	0.139	0.097	
	Top		0.034	0.038	0.236	0.013	0.072	0.283	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
	Front	50%RB	0.045	0.083	0.168	0.016	0.128	0.229	
	Back		0.049	0.104	0.190	0.024	0.153	0.263	
	Left		0.041	0.009	0.024	0.002	0.050	0.067	
	Right		0.038	0.099	0.034	0.023	0.137	0.095	
	Top		0.033	0.038	0.236	0.013	0.071	0.282	
	Bottom		0.010	0.008	0.001	0.003	0.022	0.030	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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-n7	Front	1RB	0.155	0.083	0.168	0.016	0.238	0.339	1.6
	Back		0.163	0.104	0.190	0.024	0.267	0.377	
	Left		0.149	0.009	0.024	0.002	0.158	0.175	
	Right		0.140	0.099	0.034	0.023	0.239	0.197	
	Top		0.135	0.038	0.236	0.013	0.173	0.384	
	Bottom		0.012	0.008	0.001	0.003	0.020	0.016	
	Front	50%RB	0.145	0.083	0.168	0.016	0.228	0.329	
	Back		0.152	0.104	0.190	0.024	0.256	0.366	
	Left		0.139	0.009	0.024	0.002	0.148	0.165	
	Right		0.129	0.099	0.034	0.023	0.228	0.186	
	Top		0.124	0.038	0.236	0.013	0.162	0.373	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
4-n38	Front	1RB	0.028	0.083	0.168	0.016	0.111	0.212	
	Back		0.037	0.104	0.190	0.024	0.141	0.251	
	Left		0.021	0.009	0.024	0.002	0.030	0.047	
	Right		0.016	0.099	0.034	0.023	0.115	0.073	
	Top		0.011	0.038	0.236	0.013	0.049	0.260	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
	Front	50%RB	0.025	0.083	0.168	0.016	0.108	0.209	
	Back		0.035	0.104	0.190	0.024	0.139	0.249	
	Left		0.016	0.009	0.024	0.002	0.025	0.042	
	Right		0.009	0.099	0.034	0.023	0.108	0.066	
	Top		0.005	0.038	0.236	0.013	0.043	0.254	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
4-n41	Front	1RB	0.153	0.083	0.168	0.016	0.236	0.337	
	Back		0.160	0.104	0.190	0.024	0.264	0.374	
	Left		0.145	0.009	0.024	0.002	0.154	0.171	
	Right		0.140	0.099	0.034	0.023	0.239	0.197	
	Top		0.131	0.038	0.236	0.013	0.169	0.380	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
	Front	50%RB	0.142	0.083	0.168	0.016	0.225	0.326	
	Back		0.149	0.104	0.190	0.024	0.253	0.363	
	Left		0.134	0.009	0.024	0.002	0.143	0.160	
	Right		0.129	0.099	0.034	0.023	0.228	0.186	
	Top		0.120	0.038	0.236	0.013	0.158	0.369	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
4-n78	Front	1RB	0.044	0.083	0.168	0.016	0.127	0.228	
	Back		0.046	0.104	0.190	0.024	0.150	0.260	
	Left		0.042	0.009	0.024	0.002	0.051	0.068	
	Right		0.040	0.099	0.034	0.023	0.139	0.097	
	Top		0.034	0.038	0.236	0.013	0.072	0.283	
	Bottom		0.010	0.008	0.001	0.003	0.018	0.014	
	Front	50%RB	0.033	0.083	0.168	0.016	0.116	0.217	
	Back		0.035	0.104	0.190	0.024	0.139	0.249	
	Left		0.031	0.009	0.024	0.002	0.040	0.057	
	Right		0.029	0.099	0.034	0.023	0.128	0.086	
	Top		0.023	0.038	0.236	0.013	0.061	0.272	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
5-n7	Front	1RB	0.116	0.083	0.168	0.016	0.199	0.300	
	Back		0.120	0.104	0.190	0.024	0.224	0.334	
	Left		0.107	0.009	0.024	0.002	0.116	0.133	
	Right		0.101	0.099	0.034	0.023	0.200	0.158	
	Top		0.091	0.038	0.236	0.013	0.129	0.340	
	Bottom		0.012	0.008	0.001	0.003	0.020	0.016	
	Front	50%RB	0.105	0.083	0.168	0.016	0.188	0.289	
	Back		0.109	0.104	0.190	0.024	0.213	0.323	
	Left		0.097	0.009	0.024	0.002	0.106	0.123	
	Right		0.091	0.099	0.034	0.023	0.190	0.148	
	Top		0.081	0.038	0.236	0.013	0.119	0.330	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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-n38	Front	1RB	0.062	0.083	0.168	0.016	0.145	0.246	1.6
	Back		0.071	0.104	0.190	0.024	0.175	0.285	
	Left		0.057	0.009	0.024	0.002	0.066	0.083	
	Right		0.052	0.099	0.034	0.023	0.151	0.109	
	Top		0.050	0.038	0.236	0.013	0.088	0.299	
	Bottom		0.012	0.008	0.001	0.003	0.020	0.016	
	Front	50%RB	0.051	0.083	0.168	0.016	0.134	0.235	
	Back		0.061	0.104	0.190	0.024	0.165	0.275	
	Left		0.046	0.009	0.024	0.002	0.055	0.072	
	Right		0.042	0.099	0.034	0.023	0.141	0.099	
	Top		0.040	0.038	0.236	0.013	0.078	0.289	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
5-n41	Front	1RB	0.057	0.083	0.168	0.016	0.140	0.241	
	Back		0.059	0.104	0.190	0.024	0.163	0.273	
	Left		0.053	0.009	0.024	0.002	0.062	0.079	
	Right		0.048	0.099	0.034	0.023	0.147	0.105	
	Top		0.041	0.038	0.236	0.013	0.079	0.290	
	Bottom		0.008	0.008	0.001	0.003	0.016	0.012	
	Front	50%RB	0.046	0.083	0.168	0.016	0.129	0.230	
	Back		0.049	0.104	0.190	0.024	0.153	0.263	
	Left		0.042	0.009	0.024	0.002	0.051	0.068	
	Right		0.037	0.099	0.034	0.023	0.136	0.094	
	Top		0.031	0.038	0.236	0.013	0.069	0.280	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
5-n66	Front	1RB	0.037	0.083	0.168	0.016	0.120	0.221	
	Back		0.039	0.104	0.190	0.024	0.143	0.253	
	Left		0.034	0.009	0.024	0.002	0.043	0.060	
	Right		0.030	0.099	0.034	0.023	0.129	0.087	
	Top		0.026	0.038	0.236	0.013	0.064	0.275	
	Bottom		0.009	0.008	0.001	0.003	0.017	0.013	
	Front	50%RB	0.026	0.083	0.168	0.016	0.109	0.210	
	Back		0.028	0.104	0.190	0.024	0.132	0.242	
	Left		0.023	0.009	0.024	0.002	0.032	0.049	
	Right		0.020	0.099	0.034	0.023	0.119	0.077	
	Top		0.016	0.038	0.236	0.013	0.054	0.265	
	Bottom		0.005	0.008	0.001	0.003	0.013	0.009	
5-n77	Front	1RB	0.062	0.083	0.168	0.016	0.145	0.246	
	Back		0.067	0.104	0.190	0.024	0.171	0.281	
	Left		0.060	0.009	0.024	0.002	0.069	0.086	
	Right		0.054	0.099	0.034	0.023	0.153	0.111	
	Top		0.049	0.038	0.236	0.013	0.087	0.298	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
	Front	50%RB	0.052	0.083	0.168	0.016	0.135	0.236	
	Back		0.056	0.104	0.190	0.024	0.160	0.270	
	Left		0.050	0.009	0.024	0.002	0.059	0.076	
	Right		0.044	0.099	0.034	0.023	0.143	0.101	
	Top		0.038	0.038	0.236	0.013	0.076	0.287	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
5-n78	Front	1RB	0.046	0.083	0.168	0.016	0.129	0.230	
	Back		0.047	0.104	0.190	0.024	0.151	0.261	
	Left		0.042	0.009	0.024	0.002	0.051	0.068	
	Right		0.040	0.099	0.034	0.023	0.139	0.097	
	Top		0.035	0.038	0.236	0.013	0.073	0.284	
	Bottom		0.010	0.008	0.001	0.003	0.018	0.014	
	Front	50%RB	0.037	0.083	0.168	0.016	0.120	0.221	
	Back		0.039	0.104	0.190	0.024	0.143	0.253	
	Left		0.034	0.009	0.024	0.002	0.043	0.060	
	Right		0.031	0.099	0.034	0.023	0.130	0.088	
	Top		0.026	0.038	0.236	0.013	0.064	0.275	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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)			
7-n7	Front	1RB	0.096	0.083	0.168	0.016	0.179	0.280	1.6
	Back		0.121	0.104	0.190	0.024	0.225	0.335	
	Left		0.094	0.009	0.024	0.002	0.103	0.120	
	Right		0.087	0.099	0.034	0.023	0.186	0.144	
	Top		0.077	0.038	0.236	0.013	0.115	0.326	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
	Front	50%RB	0.079	0.083	0.168	0.016	0.162	0.263	
	Back		0.104	0.104	0.190	0.024	0.208	0.318	
	Left		0.088	0.009	0.024	0.002	0.097	0.114	
	Right		0.076	0.099	0.034	0.023	0.175	0.133	
	Top		0.071	0.038	0.236	0.013	0.109	0.320	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
7-n66	Front	1RB	0.105	0.083	0.168	0.016	0.188	0.289	
	Back		0.109	0.104	0.190	0.024	0.213	0.323	
	Left		0.099	0.009	0.024	0.002	0.108	0.125	
	Right		0.090	0.099	0.034	0.023	0.189	0.147	
	Top		0.085	0.038	0.236	0.013	0.123	0.334	
	Bottom		0.013	0.008	0.001	0.003	0.021	0.017	
	Front	50%RB	0.094	0.083	0.168	0.016	0.177	0.278	
	Back		0.098	0.104	0.190	0.024	0.202	0.312	
	Left		0.089	0.009	0.024	0.002	0.098	0.115	
	Right		0.079	0.099	0.034	0.023	0.178	0.136	
	Top		0.074	0.038	0.236	0.013	0.112	0.323	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
7-n77	Front	1RB	0.069	0.083	0.168	0.016	0.152	0.253	
	Back		0.074	0.104	0.190	0.024	0.178	0.288	
	Left		0.065	0.009	0.024	0.002	0.074	0.091	
	Right		0.058	0.099	0.034	0.023	0.157	0.115	
	Top		0.051	0.038	0.236	0.013	0.089	0.300	
	Bottom		0.012	0.008	0.001	0.003	0.020	0.016	
	Front	50%RB	0.059	0.083	0.168	0.016	0.142	0.243	
	Back		0.063	0.104	0.190	0.024	0.167	0.277	
	Left		0.054	0.009	0.024	0.002	0.063	0.080	
	Right		0.047	0.099	0.034	0.023	0.146	0.104	
	Top		0.041	0.038	0.236	0.013	0.079	0.290	
	Bottom		0.004	0.008	0.001	0.003	0.012	0.008	
7-n78	Front	1RB	0.064	0.083	0.168	0.016	0.147	0.248	
	Back		0.070	0.104	0.190	0.024	0.174	0.284	
	Left		0.060	0.009	0.024	0.002	0.069	0.086	
	Right		0.055	0.099	0.034	0.023	0.154	0.112	
	Top		0.046	0.038	0.236	0.013	0.084	0.295	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
	Front	50%RB	0.054	0.083	0.168	0.016	0.137	0.238	
	Back		0.059	0.104	0.190	0.024	0.163	0.273	
	Left		0.050	0.009	0.024	0.002	0.059	0.076	
	Right		0.044	0.099	0.034	0.023	0.143	0.101	
	Top		0.036	0.038	0.236	0.013	0.074	0.285	
	Bottom		0.006	0.008	0.001	0.003	0.014	0.010	
38-n78	Front	1RB	0.048	0.083	0.168	0.016	0.131	0.232	
	Back		0.051	0.104	0.190	0.024	0.155	0.265	
	Left		0.045	0.009	0.024	0.002	0.054	0.071	
	Right		0.044	0.099	0.034	0.023	0.143	0.101	
	Top		0.039	0.038	0.236	0.013	0.077	0.288	
	Bottom		0.013	0.008	0.001	0.003	0.021	0.017	
	Front	50%RB	0.037	0.083	0.168	0.016	0.120	0.221	
	Back		0.040	0.104	0.190	0.024	0.144	0.254	
	Left		0.034	0.009	0.024	0.002	0.043	0.060	
	Right		0.033	0.099	0.034	0.023	0.132	0.090	
	Top		0.028	0.038	0.236	0.013	0.066	0.277	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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)			
41-n41	Front	1RB	0.059	0.083	0.168	0.016	0.142	0.243	1.6
	Back		0.074	0.104	0.190	0.024	0.178	0.288	
	Left		0.048	0.009	0.024	0.002	0.057	0.074	
	Right		0.053	0.099	0.034	0.023	0.152	0.110	
	Top		0.043	0.038	0.236	0.013	0.081	0.292	
	Bottom		0.016	0.008	0.001	0.003	0.024	0.020	
	Front	50%RB	0.056	0.083	0.168	0.016	0.139	0.240	
	Back		0.070	0.104	0.190	0.024	0.174	0.284	
	Left		0.046	0.009	0.024	0.002	0.055	0.072	
	Right		0.041	0.099	0.034	0.023	0.140	0.098	
	Top		0.034	0.038	0.236	0.013	0.072	0.283	
	Bottom		0.011	0.008	0.001	0.003	0.019	0.015	
41-n77	Front	1RB	0.049	0.083	0.168	0.016	0.132	0.233	
	Back		0.051	0.104	0.190	0.024	0.155	0.265	
	Left		0.045	0.009	0.024	0.002	0.054	0.071	
	Right		0.042	0.099	0.034	0.023	0.141	0.099	
	Top		0.034	0.038	0.236	0.013	0.072	0.283	
	Bottom		0.012	0.008	0.001	0.003	0.020	0.016	
	Front	50%RB	0.039	0.083	0.168	0.016	0.122	0.223	
	Back		0.041	0.104	0.190	0.024	0.145	0.255	
	Left		0.034	0.009	0.024	0.002	0.043	0.060	
	Right		0.031	0.099	0.034	0.023	0.130	0.088	
	Top		0.024	0.038	0.236	0.013	0.062	0.273	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
41-n78	Front	1RB	0.048	0.083	0.168	0.016	0.131	0.232	
	Back		0.053	0.104	0.190	0.024	0.157	0.267	
	Left		0.045	0.009	0.024	0.002	0.054	0.071	
	Right		0.042	0.099	0.034	0.023	0.141	0.099	
	Top		0.038	0.038	0.236	0.013	0.076	0.287	
	Bottom		0.009	0.008	0.001	0.003	0.017	0.013	
	Front	50%RB	0.037	0.083	0.168	0.016	0.120	0.221	
	Back		0.042	0.104	0.190	0.024	0.146	0.256	
	Left		0.034	0.009	0.024	0.002	0.043	0.060	
	Right		0.031	0.099	0.034	0.023	0.130	0.088	
	Top		0.027	0.038	0.236	0.013	0.065	0.276	
	Bottom		0.005	0.008	0.001	0.003	0.013	0.009	
66-n7	Front	1RB	0.062	0.083	0.168	0.016	0.145	0.246	
	Back		0.064	0.104	0.190	0.024	0.168	0.278	
	Left		0.057	0.009	0.024	0.002	0.066	0.083	
	Right		0.053	0.099	0.034	0.023	0.152	0.110	
	Top		0.044	0.038	0.236	0.013	0.082	0.293	
	Bottom		0.010	0.008	0.001	0.003	0.018	0.014	
	Front	50%RB	0.052	0.083	0.168	0.016	0.135	0.236	
	Back		0.054	0.104	0.190	0.024	0.158	0.268	
	Left		0.046	0.009	0.024	0.002	0.055	0.072	
	Right		0.042	0.099	0.034	0.023	0.141	0.099	
	Top		0.034	0.038	0.236	0.013	0.072	0.283	
	Bottom		0.003	0.008	0.001	0.003	0.011	0.007	
66-n38	Front	1RB	0.055	0.083	0.168	0.016	0.138	0.239	
	Back		0.059	0.104	0.190	0.024	0.163	0.273	
	Left		0.053	0.009	0.024	0.002	0.062	0.079	
	Right		0.045	0.099	0.034	0.023	0.144	0.102	
	Top		0.040	0.038	0.236	0.013	0.078	0.289	
	Bottom		0.013	0.008	0.001	0.003	0.021	0.017	
	Front	50%RB	0.044	0.083	0.168	0.016	0.127	0.228	
	Back		0.048	0.104	0.190	0.024	0.152	0.262	
	Left		0.042	0.009	0.024	0.002	0.051	0.068	
	Right		0.034	0.099	0.034	0.023	0.133	0.091	
	Top		0.029	0.038	0.236	0.013	0.067	0.278	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G+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)			
66-n41	Front	1RB	0.055	0.083	0.168	0.016	0.138	0.239	1.6
	Back		0.058	0.104	0.190	0.024	0.162	0.272	
	Left		0.051	0.009	0.024	0.002	0.060	0.077	
	Right		0.046	0.099	0.034	0.023	0.145	0.103	
	Top		0.039	0.038	0.236	0.013	0.077	0.288	
	Bottom		0.013	0.008	0.001	0.003	0.021	0.017	
	Front	50%RB	0.044	0.083	0.168	0.016	0.127	0.228	
	Back		0.047	0.104	0.190	0.024	0.151	0.261	
	Left		0.040	0.009	0.024	0.002	0.049	0.066	
	Right		0.035	0.099	0.034	0.023	0.134	0.092	
	Top		0.028	0.038	0.236	0.013	0.066	0.277	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
66-n66	Front	1RB	0.065	0.083	0.168	0.016	0.148	0.249	
	Back		0.073	0.104	0.190	0.024	0.177	0.287	
	Left		0.056	0.009	0.024	0.002	0.065	0.082	
	Right		0.053	0.099	0.034	0.023	0.152	0.110	
	Top		0.046	0.038	0.236	0.013	0.084	0.295	
	Bottom		0.017	0.008	0.001	0.003	0.025	0.021	
	Front	50%RB	0.057	0.083	0.168	0.016	0.140	0.241	
	Back		0.071	0.104	0.190	0.024	0.175	0.285	
	Left		0.054	0.009	0.024	0.002	0.063	0.080	
	Right		0.044	0.099	0.034	0.023	0.143	0.101	
	Top		0.040	0.038	0.236	0.013	0.078	0.289	
	Bottom		0.013	0.008	0.001	0.003	0.021	0.017	
66-n77	Front	1RB	0.051	0.083	0.168	0.016	0.134	0.235	
	Back		0.054	0.104	0.190	0.024	0.158	0.268	
	Left		0.049	0.009	0.024	0.002	0.058	0.075	
	Right		0.046	0.099	0.034	0.023	0.145	0.103	
	Top		0.040	0.038	0.236	0.013	0.078	0.289	
	Bottom		0.012	0.008	0.001	0.003	0.020	0.016	
	Front	50%RB	0.041	0.083	0.168	0.016	0.124	0.225	
	Back		0.044	0.104	0.190	0.024	0.148	0.258	
	Left		0.039	0.009	0.024	0.002	0.048	0.065	
	Right		0.036	0.099	0.034	0.023	0.135	0.093	
	Top		0.030	0.038	0.236	0.013	0.068	0.279	
	Bottom		0.002	0.008	0.001	0.003	0.010	0.006	
66-n78	Front	1RB	0.055	0.083	0.168	0.016	0.138	0.239	
	Back		0.059	0.104	0.190	0.024	0.163	0.273	
	Left		0.052	0.009	0.024	0.002	0.061	0.078	
	Right		0.044	0.099	0.034	0.023	0.143	0.101	
	Top		0.039	0.038	0.236	0.013	0.077	0.288	
	Bottom		0.010	0.008	0.001	0.003	0.018	0.014	
	Front	50%RB	0.054	0.083	0.168	0.016	0.137	0.238	
	Back		0.058	0.104	0.190	0.024	0.162	0.272	
	Left		0.051	0.009	0.024	0.002	0.060	0.077	
	Right		0.043	0.099	0.034	0.023	0.142	0.100	
	Top		0.038	0.038	0.236	0.013	0.076	0.287	
	Bottom		0.009	0.008	0.001	0.003	0.017	0.013	

13 Measurement uncertainty evaluation

13.1 Measurement uncertainty evaluation for SAR test

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

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

DASY8 Uncertainty Budget

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

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

13.2 Measurement uncertainty evaluation for system check

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

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

14 Test equipment and ancillaries used for tests

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

	Manufact urer	Device Type	Type(Model)	Serial number	calibration	
					Last Cal.	Due Date
☒	SPEAG	E-Field PROBE	EX3DV4	7960	2025-10-22	2026-10-21
☒	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 Kits	D2450V2	1099	2026-03-05	2029-03-04
☒	SPEAG	Validation Sources	D2550V2	1015	2024-08-16	2027-08-15
☒	SPEAG	Validation Kits	D2600V2	1094	2026-03-04	2029-03-03
☒	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	1925	2025-10-15	2026-10-14
☒	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 Check

(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.)