

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: LJ8

Test Engineer: Jiang Xuling *Jiang Xuling*

Report Number: WSCT-ANAB-R&E250500034A-SAR

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FCC ID: 2ADYY-LJ8

Check By: Wei Liangmei *Wei Liangmei*Approved By: Li Huaibi *Li Huaibi*

Prepared By: World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtuo Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China

Tel: +86-755-26996192

Fax: +86-755-86376605



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Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Relesse	06 June 2025	Li Huaibi

1 General information

1.1 Notes

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

1.2 Application details

Date of receipt of test item: 2025-03-06
Start of test: 2025-03-06
End of test: 2025-05-10

1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for LJ8 is as below:

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Head	0.202
GSM1900	Head	0.061
UMTS Band 2	Head	0.032
UMTS Band 4	Head	0.050
UMTS Band 5	Head	0.138
LTE Band 2	Head	0.034
LTE Band 4	Head	0.034
LTE Band 5	Head	0.095
LTE Band 7	Head	0.033
LTE Band 12	Head	0.048
LTE Band 17	Head	0.051
LTE Band 38	Head	0.059
LTE Band 41	Head	0.068
LTE Band 42	Head	0.584
LTE Band 66	Head	0.036
NR n5	Head	0.134
NR n7	Head	0.161
NR n12	Head	0.063
NR n38	Head	0.029
NR n41	Head	0.030
NR n66	Head	0.088
NR n71	Head	0.011
NR n77	Head	0.439
NR n77	Head	0.360
NR n77	Head	0.365
NR n78	Head	0.434
NR n78	Head	0.393
NR n78	Head	0.398
2-n7	Head	0.579
2-n66	Head	0.696
2-n78	Head	0.761
4-n7	Head	0.137
4-n41	Head	0.120
4-n78	Head	0.293
5-n7	Head	0.089
5-n38	Head	0.067
5-n41	Head	0.071
5-n66	Head	0.078
5-n77	Head	0.156
5-n78	Head	0.178
7-n7	Head	0.577
7-n66	Head	0.786
7-n77	Head	0.783
7-n78	Head	0.723
38-n78	Head	0.444
41-n41	Head	0.299

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
41-n77	Head	0.413
41-n78	Head	0.428
66-n7	Head	0.490
66-n38	Head	0.531
66-n41	Head	0.464
66-n66	Head	0.503
66-n77	Head	0.576
66-n78	Head	0.541
BT	Head	0.093
2.4GWIFI	Head	0.642
5GWIFI Band1	Head	0.735
5GWIFI Band2	Head	0.443
5GWIFI Band3	Head	0.399
5GWIFI Band4	Head	0.413

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Body & Hotspot 10mm	0.434
GSM1900	Body & Hotspot 10mm	0.537
UMTS Band 2	Body & Hotspot 10mm	0.278
UMTS Band 4	Body & Hotspot 10mm	0.336
UMTS Band 5	Body & Hotspot 10mm	0.359
LTE Band 2	Body & Hotspot 10mm	0.283
LTE Band 4	Body & Hotspot 10mm	0.259
LTE Band 5	Body & Hotspot 10mm	0.278
LTE Band 7	Body & Hotspot 10mm	0.213
LTE Band 12	Body & Hotspot 10mm	0.190
LTE Band 17	Body & Hotspot 10mm	0.206
LTE Band 38	Body & Hotspot 10mm	0.467
LTE Band 41	Body & Hotspot 10mm	0.338
LTE Band 42	Body & Hotspot 10mm	0.087
LTE Band 66	Body & Hotspot 10mm	0.299
NR n5	Body & Hotspot 10mm	0.261
NR n7	Body & Hotspot 10mm	0.255
NR n12	Body & Hotspot 10mm	0.165
NR n38	Body & Hotspot 10mm	0.186
NR n41	Body & Hotspot 10mm	0.184
NR n66	Body & Hotspot 10mm	0.273
NR n71	Body & Hotspot 10mm	0.047
NR n77	Body & Hotspot 10mm	0.774
NR n77	Body & Hotspot 10mm	0.064
NR n77	Body & Hotspot 10mm	0.078
NR n78	Body & Hotspot 10mm	0.074
NR n78	Body & Hotspot 10mm	0.058
NR n78	Body & Hotspot 10mm	0.058
2-n7	Body & Hotspot 10mm	0.253
2-n66	Body & Hotspot 10mm	0.250
2-n78	Body & Hotspot 10mm	0.413
4-n7	Body & Hotspot 10mm	0.242
4-n41	Body & Hotspot 10mm	0.057
4-n78	Body & Hotspot 10mm	0.228
5-n7	Body & Hotspot 10mm	0.261
5-n38	Body & Hotspot 10mm	0.161
5-n41	Body & Hotspot 10mm	0.159

5-n66	Body & Hotspot 10mm	0.264
5-n77	Body & Hotspot 10mm	0.118
5-n78	Body & Hotspot 10mm	0.095
7-n7	Body & Hotspot 10mm	0.304
7-n66	Body & Hotspot 10mm	0.196
7-n77	Body & Hotspot 10mm	0.216
7-n78	Body & Hotspot 10mm	0.189
38-n78	Body & Hotspot 10mm	0.058
41-n41	Body & Hotspot 10mm	0.141
41-n77	Body & Hotspot 10mm	0.072
41-n78	Body & Hotspot 10mm	0.077
66-n7	Body & Hotspot 10mm	0.118
66-n38	Body & Hotspot 10mm	0.129
66-n41	Body & Hotspot 10mm	0.121
66-n66	Body & Hotspot 10mm	0.151
66-n77	Body & Hotspot 10mm	0.140
66-n78	Body & Hotspot 10mm	0.138
BT	Body & Hotspot 10mm	0.041
2.4GWIFI	Body & Hotspot 10mm	0.041
5GWIFI Band1	Body & Hotspot 10mm	0.152
5GWIFI Band2	Body & Hotspot 10mm	0.203
5GWIFI Band3	Body & Hotspot 10mm	0.117
5GWIFI Band4	Body & Hotspot 10mm	0.175
Maximum Max. SAR Level(s) Measured: (Limit: 1.6W/Kg):	7-n66	0.786 W/kg1gHeadTissue
	WIFI5G Band1	0.735 W/kg1gHeadTissue
	NR n77	0.774 W/kg1gBodyTissue
	WIFI5G Band2	0.203 W/kg1gBodyTissue
The Head highest simultaneous SAR :		1.521
The Body highest simultaneous SAR :		0.977

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

1.4 EUT Information

Device Information:	
Product Type:	Mobile Phone
Model:	LJ8
Trade Name:	TECNO
Software number:	LJ8-15.1.0
Hardware number:	V1.4
Device Type:	Portable device
Exposure Category:	uncontrolled environment / general population
Production Unit or Identical Prototype:	Production Unit
Antenna Type :	Integral Antenna
Device Operating Configurations:	
Supporting Mode(s) :	GSM850, PCS 1900 WCDMA B2/ WCDMA B4/ WCDMA B5 LTE Band 2/4/5/7/12/17/38/41/42/66 NR Band5/7/12/38/41/66/71/77/78 NSA(EN-DC): DC_2A_n7A, DC_2A_n66A, DC_2A_n78A, DC_4A_n7A, DC_4A_n41A, DC_4A_n78A, DC_5A_n7A, DC_5A_n38A, DC_5A_n41A, DC_5A_n66A, DC_5A_n77A, DC_5A_n78A, DC_7A_n7A, DC_7A_n66A, DC_7A_n77A, DC_7A_n78A, DC_38A_n78A DC_41A_n41A, DC_41A_n77A, DC_41A_n78A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A, DC_66A_n66A, DC_66A_n77A, DC_66A_n78A
Modulation:	GSM/GPRS: GMSK EGPRS: 8PSK WCDMA: QPSK HSDPA/HSUPA: QPSK /16QAM LTE: QPSK/16QAM NR: BPSK/ QPSK/16QAM/64QAM/256QAM
Device Class :	Class B, No DTM Mode

Operating Frequency Range(s)

Band	TX(MHz)	RX(MHz)
GSM850	824~849	869~894
GSM1900	1850~1910	1930~1990
UMTS Band 2	1850~1910	1930~1990
UMTS Band 4	1710~1755	2110~2155
UMTS Band 5	824~849	869~894
LTE Band 2	1850~1910	1930~1990
LTE Band 4	1710~1755	2110~2155
LTE Band 5	824~849	869~894
LTE Band 7	2500~2570	2620~2690
LTE Band 12	699~716	729~746
LTE Band 17	704~716	734~746
LTE Band 38	2570~2620	2570~2620
LTE Band 41	2496~2690	2496~2690
LTE Band 42	3450~3550	3450~3550
LTE Band 66	1710~1780	2110~2200
NR Band 5	824~849	869~894
NR Band 7	2500~2570	2620~2690
NR Band 12	699~716	729~746
NR Band 38	2570~2620	2570~2620
NR Band 41	2496~2690	2496~2690
NR Band 66	1710~1780	2110~2200
NR Band 71	663~698	617~652
NR Band 77	3450~3550	3450~3550
NR Band 77	3700~3980	3700~3980
NR Band 78	3450~3550	3450~3550
NR Band 78	3700~3800	3700~3800
Wi-Fi (2.4G)	2412-2462	
Wi-Fi (5G)	5180-5240	5180-5240
	5260-5320	5260-5320
	5500-5700	5500-5700
	5745-5825	5745-5825
BT	2402~2480	
NFC	13.553-13.567	

Antenna gain:	GSM 850/WCDMA B5/LTE B5/NR N5: -6.02dbi PCS 1900/WCDMA B2/LTE B2: -1.87dbi WCDMA B4/LTE B4/ LTE B66/NR N66: -3.04dbi LTE B7/ LTE B38/ LTE B41/ NR N7/ NR N38/ NR N41:-1.90dbi LTE B12/LTE B17/NR N12: -5.8dbi NR N71:-8.56dbi LTE B42/NR 77/NR 78: -3.56dBi
Radiated Power (EIRP/ERP) Limit	GSM 850/WCDMA B5/LTE B5/NR N5: 7.00W(38.45dBm) PCS 1900/WCDMA B2/LTE B2:2.00W(33.01dBm) WCDMA B4/LTE B4/ LTE B66/NR N66: 1.00W(30.00dBm) LTE B7/LTE B38/LTE B41/NR N7/NR N38/NR N41: 2.00W(33.01dBm) LTE B12/B17/NR N12/NR N71: 3.00W(34.77dBm) LTE B42/NR 77/NR 78: 1.00W(30.00dBm)
Power Source:	Rechargeable Li-ion Polymer Battery Model: BL-581T Rated Voltage: 3.92V Rated Capacity: 5850mAh/22.94Wh Typical Capacity: 6000mAh/23.52Wh Limited Charge Voltage: 4.53V

Note:1:The test results of this test report relate exclusively to the test item specified in this test report. World Standardization Certification & Testing Group (Shenzhen) Co.,Ltd does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report is not to be reproduced or published in full without the prior written permission.

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

2 Testing laboratory

Test Site	World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.
Laboratory A:	Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China
Laboratory B:	Building J-7F and Building D, Dongjiang Science & Technology Park, Tangjia Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong Province, China

3 ACCREDITATIONS

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

CBTL	IECEE (international Electrotechnical Commiss, The certificate registration number is TL672)	Laboratory A	☐
		Laboratory B	☐
China	CNAS (The certificated registration number: L3732)	Laboratory A	☒
		Laboratory B	☐
USA	A2LA (The certificated registration number: 5768.01)	Laboratory A	☐
		Laboratory B	☐
USA	ANAB (The Certificate Number: AT-3951)	Laboratory A	☒
		Laboratory B	☐

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

4 Test Environment

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

5 Applicant and Manufacturer

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

6 Test standards:

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

6.1 RF exposure limits

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

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

Notes:

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

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

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

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

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

6.2 SAR Definition

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

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

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

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

where:

σ = conductivity of the tissue (S/m)

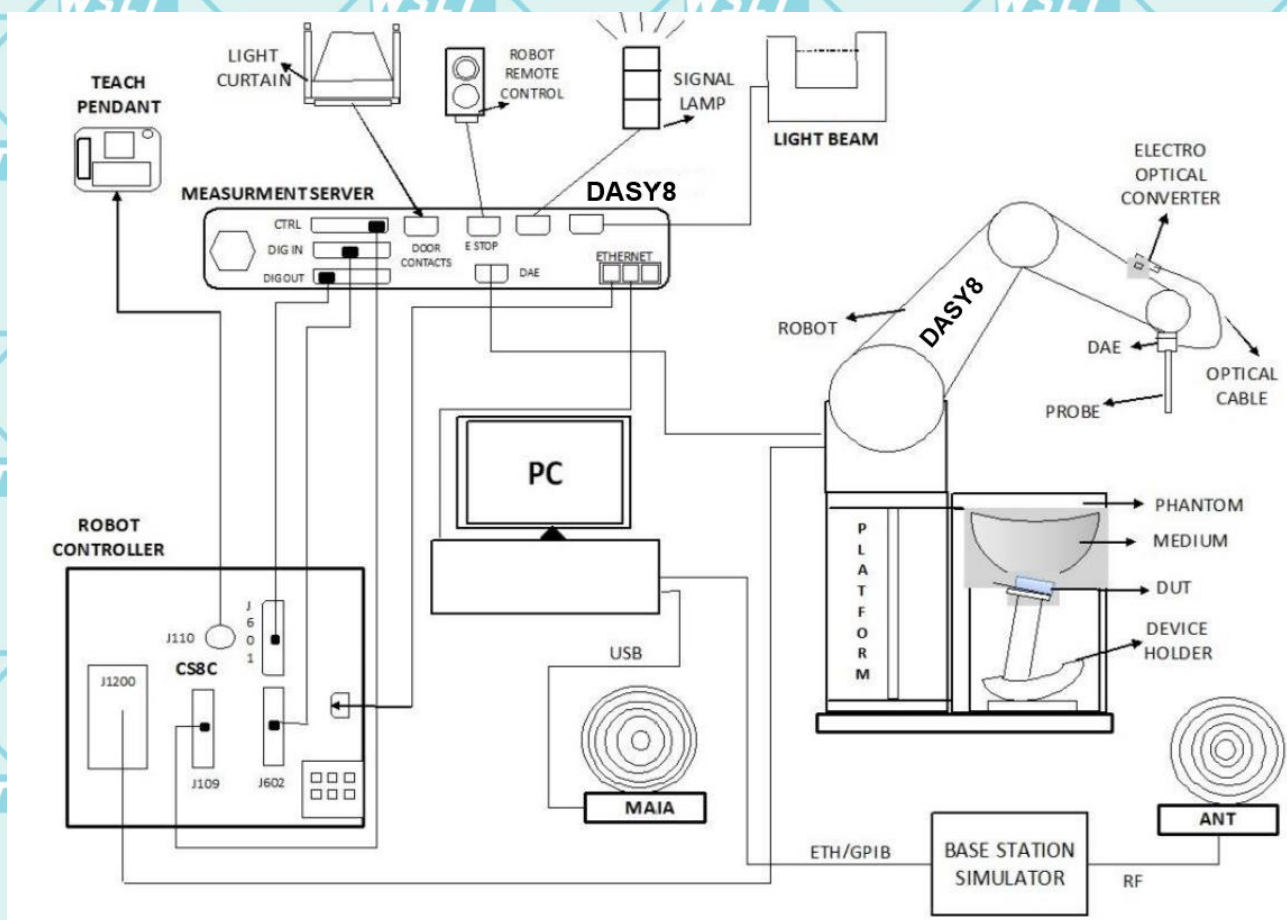
ρ = mass density of the tissue (kg/m³)

E = rms electric field strength (V/m)

7 SAR Measurement System

7.1 The Measurement System

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



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

7.2 Robot

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

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



7.3 Probe

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

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



Frequency: 4MHz – 10GHz ;

Linearity: $\pm 0.2\text{dB}$ (30MHz – 10GHz)

Dynamic Range: $10\mu\text{W/g}$ – 100 mW/g

Linearity: $\pm 0.2\text{dB}$ (noise: typically $< 1\mu\text{W/g}$)

Directivity (typical): $\pm 0.1\text{ dB}$ in TSL (rotation around probe axis)
 $\pm 0.3\text{ dB}$ 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: <5 μ V (with auto zero)
- Input resistance: 200M Ω m
- Input bias current: <50 fA
- Power supply: integrated (from the DASY8 measurement server)
- Dimensions (L $\times$ W $\times$ H): 60 $\times$ 60 $\times$ 68 mm
- Calibration: ISO/IEC 17025 calibration service available.



7.5 Phantom

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



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

7.6 Device Holder

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

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



Device holder

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

7.7 SAR Scan General Requirement

According to kdb865664 D01 v01r04:

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

		≤ 3 GHz	>3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface		5 mm ± 1 mm	$\frac{1}{2}\delta\ln(2)$ mm ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location		30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx Area, Δy Area		≤ 2 GHz: ≤ 15 mm 2-3 GHz: ≤ 12 mm	3- 4 GHz: ≤ 12 mm 4- 6 GHz: ≤ 10 mm
Maximum zoom scan spatial resolution: Δx Zoom, Δy Zoom		≤ 2 GHz: ≤ 8 mm 2-3 GHz: ≤ 5 mm*	3- 4 GHz: ≤ 5 mm* 4- 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: Δz Zoom (n)	≤ 5 mm	3- 4 GHz: ≤ 4 mm 4- 5 GHz: ≤ 3 mm 5- 6 GHz: ≤ 2 mm
	graded grid Δz Zoom (1): between 1 st two points closest to phantom surface	≤ 4 mm	3-4 GHz: ≤ 3 mm 4-5 GHz: ≤ 2.5 mm 5-6 GHz: ≤ 2 mm
	Δz Zoom (n>1): between subsequent points	≤ 1.5 · Δz Zoom (n-1) mm	
Minimum zoom scan volume	x, y, z	≥ 30 mm	3 -4 GHz: ≥ 28 mm 4- 5 GHz: ≥ 25 mm 5- 6 GHz: ≥ 22 mm

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see 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 ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

7.8 Measurement procedure

Power Drift :

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

Area scan:

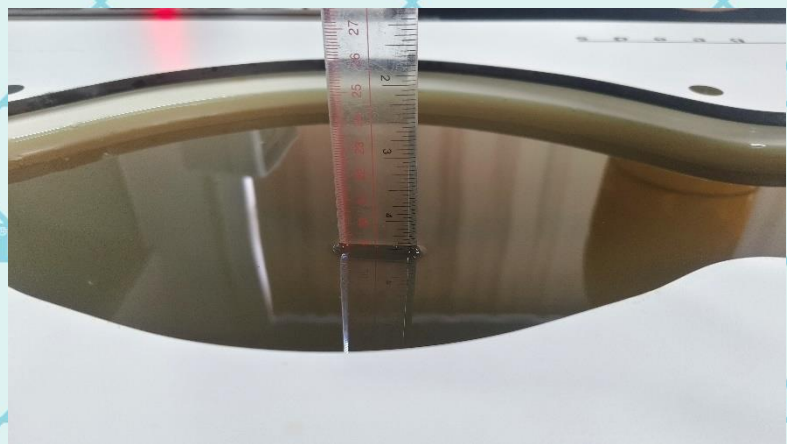
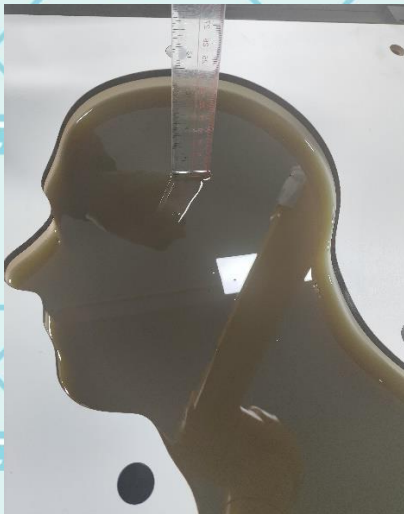
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan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

Zoom Scan:

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

7.9 Tissue simulating liquids: dielectric properties

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



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

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

7.10 Tissue simulating liquids: parameters

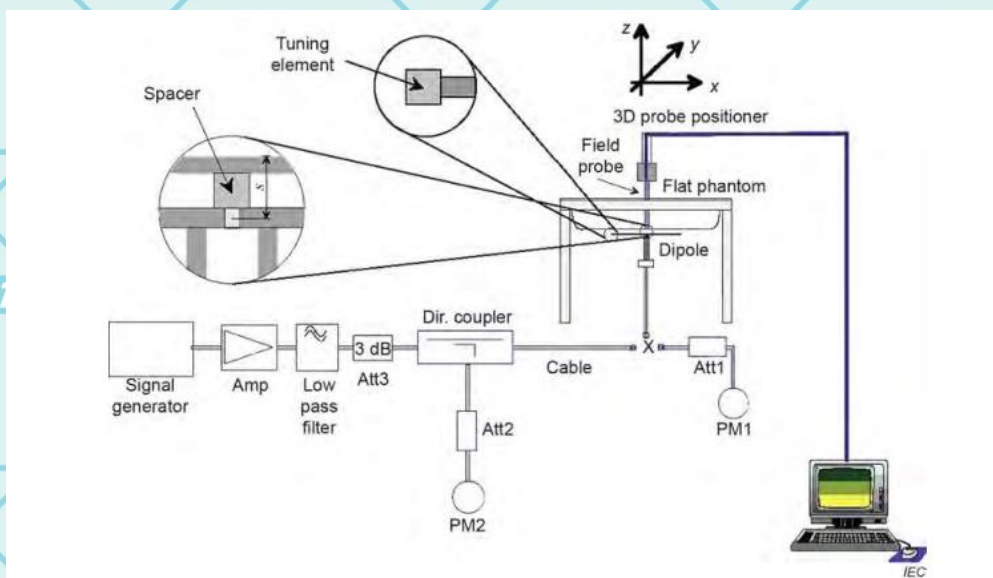
Used Target Frequency	Target Tissue		Measured Tissue		Liquid Temp.	Test Date
	ϵ_r (+/-5%)	σ (S/m) (+/-5%)	ϵ_r	σ (S/m)		
750MHz Head	41.90 (39.805~43.995)	0.89 (0.85~0.93)	43.90	0.885	21.6°C	2025-03-11
835MHz Head	41.50 (39.425~43.575)	0.90 (0.86~0.95)	41.60	0.914	21.6°C	2025-03-14
1750MHz Head	40.10 (38.10~42.10)	1.37 (1.31~1.43)	41.90	1.34	21.6°C	2025-03-18
1900MHz Head	40.00 (38.00~42.00)	1.40 (1.33~1.47)	41.70	1.44	21.6°C	2025-03-21
2450MHz Head	39.20 (37.24~41.16)	1.80 (1.71~1.89)	40.27	1.82	21.6°C	2025-03-23
2550MHz Head	39.10 (37.15~41.05)	1.91 (1.82~2.01)	40.80	1.90	21.6°C	2025-03-27
2600MHz Head	39.00 (37.05~40.95)	1.96 (1.86~2.05)	39.87	1.94	21.6°C	2025-03-31
3400MHz Head	38.00 (36.10~39.90)	2.81 (2.67~2.95)	39.30	2.63	21.6°C	2025-04-03
3500MHz Head	37.90 (36.01~39.79)	2.91 (2.77~3.05)	39.20	2.94	21.6°C	2025-04-09
3700MHz Head	37.70 (35.82~39.58)	3.12 (2.97~3.27)	38.90	2.90	21.6°C	2025-04-12
3900MHz Head	37.50 (35.63~39.37)	3.32 (2.97~3.27)	38.60	3.10	21.6°C	2025-04-17
5200MHz Head	36.00 (34.20~37.80)	4.66 (4.43~4.89)	36.30	4.54	21.6°C	2025-04-21
5500MHz Head	35.60 (33.82~37.38)	4.96 (4.71~5.20)	35.80	4.88	21.6°C	2025-04-25
5800MHz Head	35.30 (33.54~37.06)	5.27 (5.01~5.53)	35.30	5.23	21.6°C	2025-04-28
ϵ_r = Relative permittivity, σ = Conductivity						

8 System Check

8.1 System check procedure

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

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



8.2 System check results

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

System Check	Target SAR (1W) (+/-10%)		Measured SAR (Normalized to 1W)		Liquid Temp.	Test Date
	1-g (W/kg)	10-g (W/kg)	1-g (W/kg)	10-g (W/kg)		
D750V3 Body	8.46 (7.62~9.30)	5.70 (5.13~6.27)	8.58	5.70	21.6°C	2025-03-11
D835V2 Body	9.68 (8.72~10.64)	6.44 (5.80~7.08)	9.94	6.55	21.6°C	2025-03-14
D1750V2 Body	36.40 (32.76~40.04)	19.60 (17.64~21.56)	36.20	19.50	21.6°C	2025-03-18
D1900V2 Body	39.70 (35.73~43.67)	21.00 (18.90~23.10)	40.40	21.10	21.6°C	2025-03-21
D2550V2 Body	54.10 (48.69~59.51)	24.70 (22.23~27.17)	55.80	25.60	21.6°C	2025-03-27
D3400V2 Body	69.20 (62.28~76.12)	26.30 (23.67~28.93)	72.50	28.10	21.6°C	2025-04-03
D3500V2 Body	65.30 (58.77~71.83)	24.80 (22.32~27.28)	62.80	24.00	21.6°C	2025-04-09
D3700V2 Body	69.30 (62.37~76.23)	25.40 (22.86~27.94)	63.70	23.70	21.6°C	2025-04-12
D3900V2 Body	69.50 (62.55~76.45)	24.30 (21.87~26.73)	67.40	23.80	21.6°C	2025-04-17
D5200V2 Body	76.00 (68.40~83.60)	22.00 (19.80~24.20)	71.70	20.70	21.6°C	2025-04-21
D5300V2 Body	80.60 (72.54~88.66)	23.30 (20.97~25.63)	80.80	23.10	21.6°C	2025-04-23
D5500V2 Body	85.60 (77.04~94.16)	24.50 (22.05~26.95)	79.00	22.50	21.6°C	2025-04-25
D5600V2 Body	83.30 (74.97~91.63)	24.10 (21.69~26.51)	78.70	22.40	21.6°C	2025-04-25
D5800V2 Body	79.00 (71.10~86.90)	22.70 (20.43~24.97)	77.60	22.00	21.6°C	2025-04-28

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

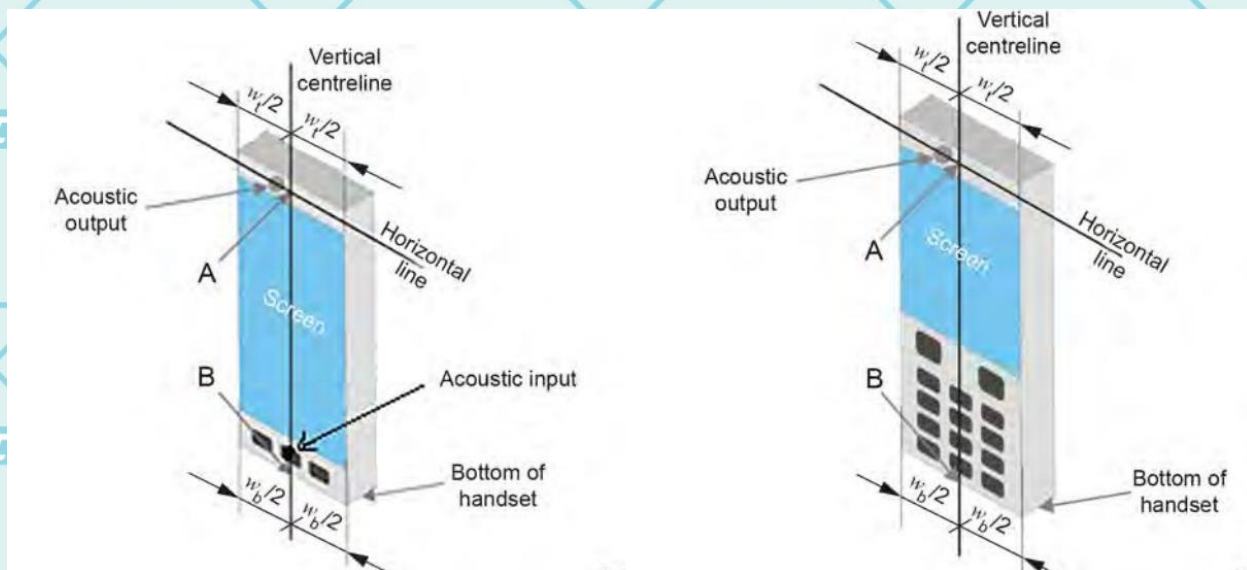
9 Test Position Configurations

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.

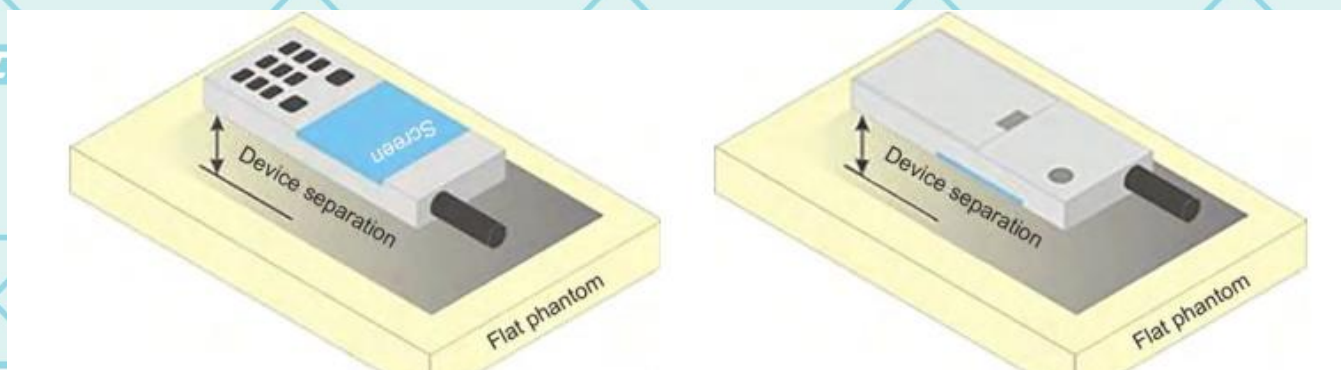


9.2 Body Exposure Condition

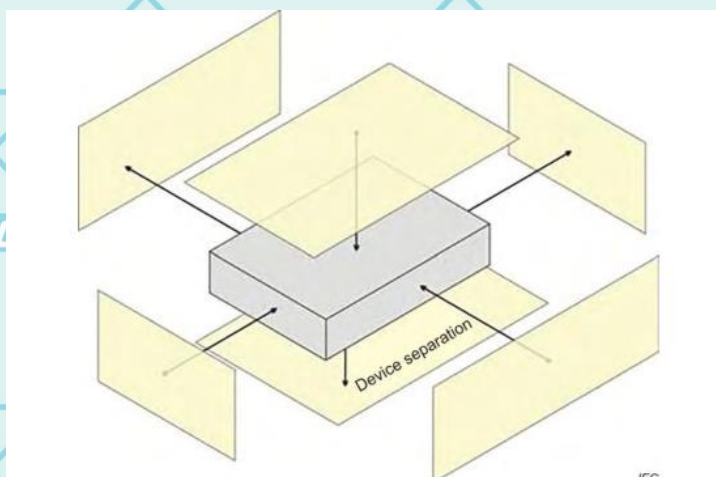
According to 447498 D04

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, HAPRQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The β_c and β_d gain factors for DPCCH and DPDCH were set according to the values in the below table, β_{hs} for HS-DPCCH is set automatically to the correct value when ΔACK , $\Delta NACK$, $\Delta CQI = 8$. The variation of the β_c / β_d ratio causes a power reduction at sub-tests 2 - 4.

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

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, TF1) to $\beta_c = 11/15$ and $\beta_d = 15/15$

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

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

4)HSUPA

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

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

10.3 LTE Test Configuration

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

1) Spectrum Plots for RB configurations

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

2) MPR

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

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

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

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

3) A-MPR

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

4) LTE procedures for SAR testing

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

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

ii) QPSK with 50% RB allocation

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

iii) QPSK with 100% RB allocation

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

iv) Higher order modulations

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

B) Other channel bandwidth standalone SAR test requirements

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

5) TDD LTE test configuration

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

10.4 Wi-Fi Test Configuration

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

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

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

Notes:

√ = "default test channels"

△ = possible 802.11g channels with maximum average output ¼ dB the "default test channels"

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

802.11 Test Channels per FCC Requirements

10.5 WiFi 2.4G SAR Test Procedures

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

A) 802.11b DSSS SAR Test Requirements

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

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

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

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

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

C) SAR Test Requirements for OFDM configurations

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

11 Detailed Test Results

11.1 Conducted Power measurements

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

11.1.1 Conducted Power of GSM

Mode: GSM850		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH128	CH190	CH251		CH128	CH190	CH251
			824.2MHz	836.6MHz	848.8MHz		824.2MHz	836.6MHz	848.8MHz
GSM(CS)		33.00	32.50	32.61	32.33	-9.03	24.33	24.44	24.16
GPRS (GMSK)	1Tx slot	33.00	32.45	32.55	32.30	-9.03	24.28	24.38	24.13
	2Tx slots	32.00	31.77	31.90	31.60	-9.03	23.60	23.73	23.43
	3Tx slots	30.50	29.99	30.17	29.79	-6.02	21.82	22.00	21.62
	4Tx slots	29.00	28.72	28.86	28.48	-4.26	20.55	20.69	20.31
EGPRS (8PSK)	1Tx slot	33.00	32.51	32.62	32.33	-3.01	24.34	24.45	24.16
	2Tx slots	32.00	31.81	31.95	31.63	-9.03	23.64	23.78	23.46
	3Tx slots	30.50	30.04	30.21	29.84	-6.02	21.87	22.04	21.67
	4Tx slots	29.00	28.76	28.91	28.57	-4.26	20.59	20.74	20.40
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)		29.50	29.15	28.86	28.80	-9.03	27.28	26.99	26.93
GPRS (GMSK)	1Tx slot	29.50	29.11	28.86	28.79	-9.03	27.24	26.99	26.92
	2Tx slots	28.50	28.42	28.16	28.04	-9.03	26.55	26.29	26.17
	3Tx slots	27.00	26.81	26.50	26.33	-6.02	24.94	24.63	24.46
	4Tx slots	26.00	25.66	25.29	25.20	-4.26	23.79	23.42	23.33
EGPRS (8PSK)	1Tx slot	29.50	29.13	28.85	28.79	-3.01	27.26	26.98	26.92
	2Tx slots	28.50	28.49	28.16	28.04	-9.03	26.62	26.29	26.17
	3Tx slots	27.00	26.86	26.48	26.33	-6.02	24.99	24.61	24.46
	4Tx slots	26.00	25.68	25.31	25.13	-4.26	23.81	23.44	23.26

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
RMC 12.2K		24.00	1852.4	1880.0	1907.6
			23.98	23.89	23.92
HSDPA	Subtest-1	22.50	21.88	22.04	22.14
	Subtest-2	22.50	21.93	22.06	22.10
	Subtest-3	23.50	22.96	23.02	23.07
	Subtest-4	22.00	21.51	21.63	21.70
HSUPA	Subtest-1	23.50	23.02	23.07	23.26
	Subtest-2	24.50	24.07	22.25	21.17
	Subtest-3	24.00	20.04	23.90	22.63
	Subtest-4	24.00	21.47	20.60	23.95
	Subtest-5	22.50	22.24	21.31	20.69
Mode		Maximum Tune-up(dBm)	WCDMA Band 4		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
RMC 12.2K		24.50	1712.4	1732.6	1752.6
			24.05	23.94	23.82
HSDPA	Subtest-1	22.50	22.10	21.99	21.89
	Subtest-2	22.50	22.09	21.97	21.89
	Subtest-3	23.50	23.10	22.99	22.85
	Subtest-4	22.00	21.60	21.49	21.40
HSUPA	Subtest-1	23.50	23.10	23.00	22.90
	Subtest-2	24.50	24.03	24.04	24.05
	Subtest-3	24.50	24.04	23.95	23.90
	Subtest-4	24.00	23.91	23.90	23.83
	Subtest-5	24.00	23.80	23.82	23.83
Mode		Maximum Tune-up(dBm)	WCDMA Band 5		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
RMC 12.2K		26.00	826.4	836.6	846.6
			25.49	25.54	25.63
HSDPA	Subtest-1	23.00	22.52	22.60	22.66
	Subtest-2	23.00	22.52	22.60	22.69
	Subtest-3	24.00	23.53	23.54	23.58
	Subtest-4	22.50	22.03	22.14	22.20
HSUPA	Subtest-1	24.00	23.58	23.54	23.59
	Subtest-2	25.50	25.50	25.48	25.50
	Subtest-3	26.00	25.49	25.57	25.58
	Subtest-4	26.00	25.57	25.57	25.63
	Subtest-5	26.00	25.58	25.68	25.66

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 1850.7MHz	18900 1880.0MHz	19193 1909.3MHz
1.4MHz	QPSK	1	0	23.50	23.14	23.25	22.96
			2	23.50	23.21	23.25	23.02
			5	23.50	23.14	23.25	23.00
		3	0	23.50	23.04	23.09	22.97
			2	23.50	23.04	23.08	22.95
			3	23.50	23.05	23.11	22.99
	16QAM	6	0	22.50	22.11	22.12	22.01
			0	22.50	22.07	22.35	22.23
			1	22.50	22.02	22.28	22.15
		3	5	22.50	22.02	22.34	22.25
			0	22.50	22.25	22.29	22.19
			2	22.50	22.21	22.26	22.21
3MHz	QPSK	1	3	22.50	22.22	22.26	22.19
			6	21.50	21.22	21.34	21.21
		8	0	23.50	23.15	23.21	22.88
			7	23.50	23.18	23.26	22.98
			14	23.50	23.20	23.17	23.01
		15	0	22.50	22.14	22.18	21.95
			4	22.50	22.11	22.15	21.88
			7	22.50	22.13	22.19	21.94
	16QAM	1	0	22.50	22.13	22.19	21.95
			0	23.00	22.10	22.54	21.82
			7	23.00	22.03	22.57	21.91
		8	14	23.00	22.05	22.55	21.88
			0	21.50	21.13	21.19	20.96
			4	21.50	21.11	21.18	20.90
		15	7	21.50	21.14	21.23	20.92
			0	21.50	21.19	21.21	21.04
5MHz	QPSK	1	0	23.50	23.10	23.29	23.16
			13	23.50	23.23	23.37	23.08
			24	23.50	23.13	23.29	23.19
			0	22.50	22.18	22.23	22.01
		12	6	22.50	22.13	22.26	22.02
			13	22.50	22.15	22.23	22.04
			0	22.50	22.23	22.28	22.08
			25	22.50	22.23	22.28	22.08
		25	0	23.00	22.48	22.76	22.44
			13	23.00	22.51	22.75	22.45
			24	23.00	22.53	22.72	22.54
			0	21.50	21.26	21.25	21.00
	16QAM	1	6	21.50	21.21	21.27	21.04
			13	21.50	21.23	21.23	21.03
			0	21.50	21.19	21.22	21.11
		12	0	23.50	23.10	23.29	23.16
			13	23.50	23.23	23.37	23.08
			24	23.50	23.13	23.29	23.19
			0	22.50	22.18	22.23	22.01
		25	6	22.50	22.13	22.26	22.02
			13	22.50	22.15	22.23	22.04
			0	22.50	22.23	22.28	22.08
			25	22.50	22.23	22.28	22.08

LTE-FDD Band 2				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		18650 1855.0MHz	18900 1880.0MHz	19150 1905.0MHz
10MHz	QPSK	1	0	23.43	23.39	23.17	23.43
			25	23.29	23.27	23.09	23.29
			49	23.33	23.30	23.30	23.33
		25	0	22.33	22.32	22.03	22.33
			13	22.25	22.28	22.00	22.25
			25	22.29	22.30	22.05	22.29
	16QAM	50	0	22.31	22.31	22.04	22.31
			0	22.81	22.58	22.06	22.81
			25	22.62	22.46	21.93	22.62
		1	49	22.74	22.49	22.17	22.74
			0	21.36	21.31	21.02	21.36
			13	21.24	21.26	20.98	21.24
15MHz	QPSK	25	25	21.28	21.28	21.04	21.28
			0	21.31	21.34	21.03	21.31
			0	21.31	21.34	21.03	21.31
	16QAM	50	0	21.31	21.34	21.03	21.31
			0	21.31	21.34	21.03	21.31
			0	21.31	21.34	21.03	21.31
20MHz	QPSK	1	0	23.50	23.42	23.43	23.31
			38	23.50	23.30	23.38	23.13
			74	23.50	23.29	23.27	23.33
		36	0	22.50	22.29	22.29	22.02
			18	22.50	22.20	22.26	21.98
			39	22.50	22.20	22.26	22.02
	16QAM	75	0	22.50	22.29	22.28	22.05
			0	23.00	22.75	22.56	22.25
			38	23.00	22.70	22.54	22.08
		36	74	23.00	22.67	22.42	22.32
			0	21.50	21.33	21.35	21.02
			18	21.50	21.25	21.32	20.99
25MHz	QPSK	39	39	21.50	21.24	21.33	21.01
			0	21.50	21.30	21.30	21.12
			0	21.50	21.30	21.30	21.12
	16QAM	75	0	21.50	21.30	21.30	21.12
			0	21.50	21.30	21.30	21.12
			0	21.50	21.30	21.30	21.12
30MHz	QPSK	1	0	24.00	23.55	23.49	23.29
			50	23.50	23.32	23.46	23.06
			99	23.50	23.40	23.35	23.25
		50	0	22.50	22.37	22.39	22.15
			25	22.50	22.29	22.31	22.06
			50	22.50	22.32	22.28	22.07
	16QAM	100	0	22.50	22.35	22.32	22.11
			0	23.00	22.83	22.62	22.53
			50	23.00	22.63	22.58	22.29
		1	99	23.00	22.71	22.49	22.47
			0	21.50	21.42	21.36	21.19
			25	21.50	21.35	21.32	21.08
35MHz	QPSK	50	50	21.50	21.36	21.29	21.08
			0	21.50	21.36	21.29	21.08
			0	21.50	21.36	21.29	21.08
	16QAM	100	0	21.50	21.35	21.31	21.12
			0	21.50	21.35	21.31	21.12
			0	21.50	21.35	21.31	21.12

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 1710.7MHz	20175 1732.5MHz	20393 1754.3MHz
1.4MHz	QPSK	1	0	23.50	23.36	23.33	23.38
			2	23.50	23.41	23.34	23.37
			5	23.50	23.36	23.33	23.35
		3	0	23.50	23.35	23.32	23.33
			3	23.50	23.35	23.31	23.32
			6	22.50	22.36	22.32	22.33
	16QAM	1	0	23.00	22.56	22.57	22.28
			2	23.00	22.53	22.59	22.25
			5	23.00	22.53	22.59	22.28
		3	0	23.00	22.58	22.54	22.47
			2	23.00	22.55	22.57	22.47
			3	23.00	22.54	22.55	22.48
3MHz	QPSK	1	0	23.50	23.45	23.36	23.42
			7	23.50	23.40	23.35	23.40
			14	23.50	23.37	23.32	23.41
		8	0	22.50	22.43	22.37	22.38
			4	22.50	22.40	22.38	22.35
			7	22.50	22.38	22.35	22.37
	16QAM	15	0	22.50	22.37	22.33	22.39
			0	23.00	22.82	22.59	22.33
			14	23.00	22.77	22.55	22.28
		8	0	21.50	21.44	21.38	21.43
			4	21.50	21.43	21.36	21.36
			7	21.50	21.40	21.34	21.34
5MHz	QPSK	1	0	24.00	23.56	23.43	23.47
			13	24.00	23.54	23.49	23.41
			24	23.50	23.48	23.43	23.37
		12	0	22.50	22.48	22.42	22.46
			6	22.50	22.45	22.37	22.40
			13	22.50	22.43	22.38	22.40
	16QAM	25	0	23.00	22.52	22.44	22.46
			0	23.00	22.99	22.84	22.80
			13	23.00	22.93	22.89	22.76
		1	24	23.00	22.91	22.80	22.78
			0	22.00	21.48	21.40	21.51
			6	21.50	21.45	21.37	21.49
10MHz	QPSK	1	0	24.00	23.56	23.43	23.47
			13	24.00	23.54	23.49	23.41
			24	23.50	23.48	23.43	23.37
		12	0	22.50	22.48	22.42	22.46
			6	22.50	22.45	22.37	22.40
			13	22.50	22.43	22.38	22.40
	16QAM	25	0	23.00	22.52	22.44	22.46
			0	23.00	22.99	22.84	22.80
			13	23.00	22.93	22.89	22.76
		1	24	23.00	22.91	22.80	22.78
			0	22.00	21.48	21.40	21.51
			6	21.50	21.45	21.37	21.49

LTE-FDD Band 4				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20000 1715.0MHz	20175 1732.5MHz	20350 1750.0MHz
10MHz	QPSK	1	0	24.00	23.67	23.52	23.70
			25	24.00	23.46	23.45	23.53
			49	24.00	23.45	23.52	23.55
		25	0	23.00	22.52	22.44	22.56
			13	22.50	22.44	22.45	22.47
			25	22.50	22.44	22.47	22.47
	16QAM	50	0	23.00	22.46	22.45	22.52
			0	23.00	22.99	22.72	22.57
			25	23.00	22.81	22.65	22.39
		1	49	23.00	22.86	22.70	22.44
			0	22.00	21.53	21.45	21.54
			13	21.50	21.44	21.41	21.45
15MHz	QPSK	25	25	21.50	21.45	21.44	21.44
			0	21.50	21.46	21.48	21.47
			0	21.50	21.46	21.48	21.47
	16QAM	50	0	21.50	21.46	21.48	21.47
			0	21.50	21.46	21.48	21.47
			0	21.50	21.46	21.48	21.47
20MHz	QPSK	1	0	24.00	23.61	23.45	23.72
			38	24.00	23.53	23.49	23.69
			74	24.00	23.49	23.45	23.60
		36	0	23.00	22.43	22.43	22.56
			18	23.00	22.37	22.39	22.52
			39	22.50	22.37	22.42	22.47
	16QAM	75	0	23.00	22.43	22.43	22.53
			0	23.00	22.95	22.66	22.71
			0	23.00	22.83	22.72	22.70
		36	74	23.00	22.83	22.69	22.56
			0	22.00	21.50	21.47	21.54
			18	21.50	21.40	21.47	21.47
25MHz	QPSK	39	39	21.50	21.38	21.47	21.46
			0	22.00	21.44	21.42	21.55
			0	22.00	21.44	21.42	21.55
	16QAM	75	0	22.00	21.44	21.42	21.55
			0	22.00	21.44	21.42	21.55
			0	22.00	21.44	21.42	21.55
30MHz	QPSK	1	0	24.00	23.63	23.56	23.66
			50	24.00	23.45	23.58	23.65
			99	24.00	23.59	23.60	23.55
		50	0	23.00	22.52	22.48	22.61
			25	23.00	22.46	22.47	22.60
			50	23.00	22.42	22.47	22.56
	16QAM	100	0	23.00	22.45	22.48	22.59
			0	23.00	22.94	22.77	22.89
			50	23.00	22.83	22.76	22.88
		50	99	23.00	22.91	22.78	22.78
			0	22.00	21.57	21.47	21.65
			25	22.00	21.50	21.45	21.62
35MHz	QPSK	50	50	22.00	21.47	21.47	21.58
			0	22.00	21.46	21.46	21.58
			0	22.00	21.46	21.46	21.58
	16QAM	100	0	22.00	21.46	21.46	21.58
			0	22.00	21.46	21.46	21.58
			0	22.00	21.46	21.46	21.58

11.1.5 Conducted Power of LTE Band 5

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20407	20525	20643
					824.7MHz	836.5MHz	848.3MHz
1.4MHz	QPSK	1	0	24.00	23.70	23.74	23.70
			2	24.00	23.72	23.82	23.71
			5	24.00	23.66	23.74	23.72
		3	0	24.00	23.65	23.59	23.55
			2	24.00	23.61	23.57	23.53
			3	24.00	23.65	23.63	23.59
	16QAM	6	0	23.00	22.78	22.82	22.74
			0	23.50	23.03	22.78	22.89
			2	23.00	22.96	22.75	22.81
		1	5	23.50	23.03	22.80	22.93
			0	23.00	22.98	22.93	22.88
			2	23.50	23.01	22.92	22.87
3	3	23.00	22.98	22.94	22.88		
	6	0	22.00	21.96	21.99	21.90	
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20415	20525
825.5MHz						836.5MHz	847.5MHz
3MHz	QPSK	1	0	24.00	23.81	23.70	23.74
			7	24.00	23.81	23.75	23.75
			14	24.00	23.75	23.70	23.78
		8	0	23.00	22.88	22.90	22.77
			4	23.00	22.85	22.89	22.76
			7	23.00	22.86	22.91	22.76
	16QAM	15	0	23.00	22.86	22.94	22.81
			0	23.50	23.23	23.16	22.71
			7	23.50	23.18	23.12	22.66
		8	14	23.50	23.17	23.09	22.70
			0	22.00	21.90	21.95	21.80
			4	22.00	21.85	21.92	21.78
15	7	22.00	21.84	21.93	21.78		
	0	22.00	21.88	21.88	21.84		

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		20425	20525	20625	
					826.5MHz	836.5MHz	846.5MHz	
5MHz	QPSK	1	0	24.00	23.98	23.81	23.78	
			13	24.00	23.94	23.90	23.75	
			24	24.00	23.90	23.82	23.73	
		12	0	23.00	22.94	22.97	22.85	
			6	23.00	22.92	22.94	22.80	
			13	23.00	22.90	22.92	22.81	
	16QAM	25	0	23.00	22.97	22.98	22.84	
		1	0	23.50	23.43	23.35	23.18	
			13	23.50	23.36	23.29	23.08	
			24	23.50	23.39	23.32	23.13	
		12	0	22.00	21.94	21.94	21.88	
			6	22.00	21.90	21.91	21.86	
13	22.00		21.90	21.92	21.84			
25	0	22.00	21.89	21.99	21.81			
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20450	20525	20600	
					829.0MHz	836.5MHz	844.0MHz	
10MHz	QPSK	1	0	24.00	23.93	23.82	23.88	
			25	24.00	23.86	23.83	23.89	
			49	24.00	23.86	23.78	23.86	
		25	0	23.00	22.98	22.96	22.90	
			13	23.00	22.97	22.96	22.85	
			25	23.50	23.01	22.95	22.78	
		50	0	23.00	22.98	22.97	22.86	
			1	0	23.50	23.24	23.15	22.84
				25	23.50	23.28	23.14	22.77
	16QAM	1		49	23.50	23.44	23.08	22.73
			25	0	22.00	21.96	21.95	21.90
				13	22.00	21.95	21.96	21.83
		25		22.00	22.00	21.92	21.76	
		50	0	22.00	21.96	21.97	21.83	

11.1.6 Conducted Power of LTE Band 7

LTE-FDD Band 7				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20775 2502.5MHz	21100 2535.0MHz	21425 2567.5MHz
5MHz	QPSK	1	0	23.00	22.22	22.79	22.78
			13	23.00	22.21	22.79	22.75
			24	23.00	22.28	22.83	22.80
		12	0	22.00	21.27	21.71	21.76
			6	22.00	21.26	21.70	21.72
			13	22.00	21.28	21.71	21.73
	16QAM	25	0	22.00	21.31	21.75	21.79
			10	22.50	21.60	22.24	22.10
			13	22.50	21.55	22.23	22.09
		1	24	22.50	21.63	22.23	22.10
			0	21.00	20.33	20.72	20.78
			6	21.00	20.33	20.72	20.73
10MHz	QPSK	12	13	21.00	20.37	20.72	20.72
			25	21.00	20.29	20.71	20.82
			0	21.00	20.80	21.100	21.400
		25	0	23.00	22.37	22.73	22.94
			25	23.00	22.37	22.77	22.81
			49	23.00	22.50	22.82	22.83
		50	0	22.00	21.39	21.76	21.83
			13	22.00	21.41	21.77	21.78
			25	22.00	21.47	21.78	21.75
	16QAM	1	0	22.00	21.41	21.77	21.82
			0	22.00	21.69	21.95	21.82
			25	22.00	21.73	21.96	21.63
		25	49	22.50	21.87	22.01	21.75
			0	21.00	20.40	20.75	20.83
			13	21.00	20.42	20.76	20.78
		50	25	21.00	20.46	20.76	20.75
			0	21.00	20.40	20.79	20.79

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20825	21100	21375
					2057.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	23.50	22.41	22.79	23.07
			38	23.00	22.52	22.82	22.95
			74	23.00	22.65	22.83	22.87
		36	0	22.00	21.44	21.80	21.91
			18	22.00	21.50	21.81	21.87
			39	22.00	21.58	21.83	21.81
	16QAM	75	0	22.00	21.52	21.83	21.87
			0	22.50	21.75	21.98	22.07
			38	22.50	21.89	22.08	21.96
		36	74	22.50	21.98	22.10	21.88
			0	21.00	20.48	20.87	20.90
			18	21.00	20.55	20.89	20.85
			39	21.00	20.62	20.90	20.80
			75	21.00	20.53	20.84	20.92
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	21350	21100	21350
					2560.0MHz	2535.0MHz	2560.0MHz
20MHz	QPSK	1	0	23.00	22.44	22.85	22.94
			50	23.00	22.60	22.95	22.94
			99	23.00	22.75	22.98	22.78
		50	0	22.00	21.51	21.87	21.97
			25	22.00	21.65	21.88	21.94
			50	22.00	21.70	21.89	21.88
	16QAM	100	0	22.00	21.62	21.88	21.92
			0	22.50	21.80	21.99	22.25
			50	22.50	21.94	22.11	22.26
		50	99	22.50	22.19	22.08	22.10
			0	21.50	20.56	20.83	21.01
			25	21.00	20.68	20.88	20.97
			50	21.00	20.74	20.87	20.91
			100	21.00	20.61	20.85	20.92

11.1.7 Conducted Power of LTE Band 12

LTE-FDD Band 12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23017 699.7MHz	23095 707.5MHz	23173 715.5MHz
1.4MHz	QPSK	1	0	24.50	24.04	23.93	24.01
			2	24.50	24.07	23.93	23.99
			5	24.50	24.08	23.91	23.96
		3	0	24.00	23.94	23.87	23.89
			2	24.00	23.94	23.86	23.88
			3	24.00	23.97	23.89	23.89
		6	0	23.00	22.99	22.92	22.90
	16QAM	1	0	23.50	23.17	23.18	22.84
			2	23.50	23.08	23.09	22.79
			5	23.50	23.21	23.15	22.89
		3	0	23.50	23.12	23.09	23.00
			2	23.50	23.14	23.08	23.02
			3	23.50	23.14	23.11	23.03
3MHz	QPSK	1	0	24.50	24.12	23.98	23.99
			7	24.50	24.13	23.94	23.98
			14	24.50	24.13	23.91	23.95
		8	0	23.50	23.09	22.97	22.95
			4	23.50	23.08	22.99	22.92
			7	23.50	23.09	22.96	22.92
		15	0	23.50	23.12	22.97	22.94
	16QAM	1	0	23.50	23.45	23.25	22.88
			7	23.50	23.45	23.17	22.81
			14	23.50	23.49	23.20	22.84
		8	0	22.50	22.10	21.99	21.96
			4	22.50	22.11	21.99	21.92
			7	22.50	22.09	22.00	21.93
		15	0	22.50	22.14	21.95	22.01

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	24.50	24.30	24.17	24.06
			13	24.50	24.26	24.17	23.94
			24	24.50	24.13	24.05	23.91
		12	0	23.50	23.18	23.02	23.04
			6	23.50	23.16	23.03	22.98
			13	23.50	23.11	23.04	22.97
	16QAM	25	0	23.50	23.18	23.07	23.04
			0	24.00	23.62	23.49	23.26
			13	24.00	23.60	23.42	23.24
		1	24	24.00	23.56	23.44	23.30
			0	22.50	22.17	21.99	22.06
			6	22.50	22.14	21.98	22.01
		12	13	22.50	22.09	22.01	22.02
			0	22.50	22.11	22.07	21.98
			25	22.50	22.50	23095	23130
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	704.0MHz	707.5MHz	711.0MHz
10MHz	QPSK	1	0	24.50	24.13	24.12	24.14
			25	24.50	24.07	24.01	24.07
			49	24.50	24.06	23.96	24.03
		25	0	23.50	23.17	23.06	23.02
			13	23.50	23.09	23.04	23.01
			25	23.50	23.08	23.03	22.98
	16QAM	50	0	23.50	23.12	23.07	23.03
			0	24.00	23.54	23.29	23.03
		1	25	23.50	23.43	23.20	22.91
			49	23.50	23.39	23.18	22.92
		25	0	22.50	22.16	22.03	22.02
			13	22.50	22.09	22.02	21.99
			25	22.50	22.10	22.01	21.96
		50	0	22.50	22.11	22.06	22.01

11.1.8 Conducted Power of LTE Band 17

LTE-FDD Band 17				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		23755	23790	23825	
					706.5MHz	710.0MHz	713.5MHz	
5MHz	QPSK	1	0	24.50	24.15	24.09	24.17	
			13	24.50	23.97	24.10	24.14	
			24	24.50	24.07	24.13	24.06	
		12	0	23.50	23.03	23.04	23.07	
			6	23.50	23.03	23.01	23.01	
			13	23.50	23.05	23.01	23.02	
	16QAM	25	0	23.50	23.10	23.04	23.08	
			1	0	24.00	23.42	23.54	23.53
				13	24.00	23.28	23.57	23.43
		24		24.00	23.34	23.52	23.48	
		12	0	22.50	22.05	22.02	22.04	
			6	22.50	22.09	22.00	21.99	
13	22.50		22.10	21.98	21.99			
25	0	22.50	22.05	21.99	22.05			
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	23780	23790	23800	
					709.0MHz	710.0MHz	711.0MHz	
10MHz	QPSK	1	0	24.50	24.16	24.02	24.13	
			25	24.50	24.04	24.04	24.12	
			49	24.50	24.07	23.95	24.06	
		25	0	23.50	23.05	23.04	23.08	
			13	23.50	23.07	23.02	23.04	
			25	23.50	23.04	23.01	23.00	
	16QAM	50	0	23.50	23.03	23.05	23.03	
			0	24.00	23.51	23.25	23.04	
			25	23.50	23.37	23.23	22.98	
		1	49	23.50	23.45	23.19	22.99	
			25	0	22.50	22.06	22.02	22.05
				13	22.50	22.06	22.02	22.02
		25		22.50	22.01	21.98	21.99	
		50	0	22.50	22.03	22.05	22.02	

11.1.9 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	23.50	22.95	22.89	23.13
			13	23.50	22.92	22.86	23.10
			24	23.50	22.88	22.86	23.13
		12	0	22.00	21.95	21.90	21.98
			6	22.00	21.91	21.86	21.93
			13	22.00	21.89	21.87	21.93
	16QAM	25	0	22.00	21.96	21.92	21.98
			0	23.00	22.22	22.18	22.55
			13	22.50	22.17	22.19	22.50
		1	24	23.00	22.18	22.18	22.53
			0	21.00	20.94	20.94	20.94
			6	21.00	20.88	20.87	20.92
10MHz	QPSK	12	13	21.00	20.89	20.91	20.91
			0	21.00	20.98	20.88	20.91
			25	21.00	20.98	20.88	20.91
	16QAM	25	0	21.00	20.98	20.88	20.91
			0	23.00	23.00	22.94	22.94
			25	23.00	22.90	22.93	22.93
15MHz	QPSK	1	49	23.00	22.94	22.91	22.94
			0	22.00	21.92	21.89	21.96
			13	22.00	21.88	21.88	21.93
	16QAM	25	25	22.00	21.86	21.89	21.95
			0	22.00	21.89	21.91	21.96
			0	22.50	22.47	22.07	22.00
20MHz	QPSK	1	25	22.50	22.30	22.03	21.95
			49	22.50	22.40	22.06	21.99
			0	21.00	20.94	20.86	20.96
	16QAM	25	13	21.00	20.86	20.85	20.91
			25	21.00	20.86	20.88	20.92
			0	21.00	20.88	20.91	20.94

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	QPSK	1	0	23.50	23.00	22.93	23.10
			38	23.50	23.01	22.95	23.20
			74	23.50	22.86	22.88	23.11
		36	0	22.00	21.92	21.90	21.97
			18	22.00	21.89	21.89	21.99
			39	22.00	21.84	21.89	21.95
	16QAM	75	0	22.00	21.91	21.91	21.99
			0	22.50	22.50	22.10	22.19
			38	22.50	22.48	22.16	22.20
		1	74	22.50	22.34	22.12	22.18
			0	21.00	20.97	20.97	20.97
			18	21.00	20.94	20.99	20.98
20MHz	QPSK	36	39	21.00	20.89	20.98	20.93
			0	21.50	20.94	20.94	21.04
		75	0	21.50	20.94	20.94	21.04
	16QAM	1	0	23.00	22.77	22.78	22.86
			50	23.00	22.86	22.97	22.99
			99	23.00	22.84	22.88	22.85
	QPSK	50	0	22.00	21.84	21.87	21.93
			25	22.00	21.84	21.92	21.98
			50	22.00	21.81	21.90	21.95
	16QAM	100	0	22.00	21.84	21.89	21.92
			0	22.50	22.06	21.97	22.13
			50	22.50	22.11	22.03	22.29
25MHz	QPSK	1	99	22.50	22.08	22.08	22.18
			0	21.00	20.88	20.84	20.96
			25	21.50	20.89	20.87	21.01
	16QAM	50	50	21.00	20.84	20.87	20.97
			0	21.00	20.81	20.86	20.92
			100	21.00	20.81	20.86	20.92

11.1.10 Conducted Power of LTE Band 41

LTE-TDD Band 41				Maximum Tune- up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		39675	40160	40620	41080	41565
					2498.5MHz	2552.0MHz	2593 MHz	2639.5 MHz	2687.5 MHz
5MHz	QPSK	1	0	23.50	22.83	22.48	23.12	22.51	22.89
			13	23.50	22.85	22.46	23.07	22.50	22.92
			24	23.50	22.89	22.49	23.08	22.48	22.88
		12	0	22.50	21.85	21.48	22.10	21.46	21.82
			6	22.50	21.84	21.46	22.07	21.41	21.74
			13	22.50	21.86	21.48	22.09	21.41	21.73
	16QAM	25	0	22.50	21.91	21.53	22.15	21.48	21.81
			0	22.50	22.10	21.76	22.41	21.90	22.39
			13	22.50	22.14	21.78	22.41	21.89	22.36
		1	24	22.50	22.19	21.80	22.40	21.86	22.31
			0	21.50	20.83	20.49	21.14	20.48	20.81
			6	21.50	20.83	20.48	21.13	20.44	20.74
10MHz	QPSK	12	13	21.50	20.87	20.51	21.14	20.45	20.75
			25	21.50	20.92	20.51	21.10	20.41	20.71
			0	22.50	22.31	21.81	22.31	21.62	21.93
		25	25	22.50	22.40	21.85	22.29	21.51	21.72
			49	23.00	22.56	21.94	22.32	21.51	21.69
			0	21.50	20.88	20.48	21.08	20.46	20.84
	16QAM	25	13	21.50	20.92	20.51	21.10	20.44	20.77
			25	21.50	20.97	20.55	21.12	20.43	20.73
			0	21.50	20.93	20.55	21.17	20.48	20.78

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	23.50	22.96	22.57	23.18	22.63	23.08
			38	23.50	23.04	22.65	23.25	22.64	23.03
			74	23.50	23.14	22.67	23.19	22.51	22.83
		36	0	22.50	21.91	21.53	22.14	21.53	21.92
			18	22.50	21.97	21.57	22.16	21.51	21.86
			39	22.50	22.05	21.60	22.15	21.48	21.81
		75	0	22.50	22.01	21.59	22.17	21.53	21.89
			38	22.50	22.39	21.87	22.34	21.76	22.18
			74	23.00	22.46	21.93	22.39	21.76	22.12
	16QAM	1	0	21.50	20.97	20.60	21.22	20.57	20.91
			18	21.50	21.04	20.63	21.22	20.53	20.84
			39	21.50	21.09	20.67	21.24	20.52	20.80
		36	0	21.50	21.03	20.62	21.21	20.56	20.91
			18	21.50	21.04	20.63	21.22	20.53	20.84
			39	21.50	21.09	20.67	21.24	20.52	20.80
20MHz	QPSK	1	0	23.50	22.74	22.44	23.13	22.56	22.98
			50	23.50	22.91	22.56	23.20	22.58	22.95
			99	23.50	23.02	22.60	23.17	22.47	22.76
			0	22.50	21.87	21.50	22.12	21.58	22.03
		50	25	22.50	21.97	21.57	22.17	21.56	21.95
			50	22.50	22.03	21.60	22.16	21.50	21.84
			0	22.50	21.95	21.55	22.14	21.53	21.92
			0	22.50	22.01	21.65	22.28	21.75	22.21
		100	50	22.50	22.18	21.74	22.30	21.73	22.16
			99	22.50	22.34	21.81	22.27	21.64	22.01
	16QAM	1	0	21.50	20.91	20.51	21.10	20.58	21.05
			25	21.50	21.01	20.58	21.15	20.56	20.96
			50	21.50	21.07	20.60	21.13	20.49	20.84
		50	0	21.50	20.96	20.55	21.14	20.55	20.95
			25	21.50	21.01	20.58	21.15	20.56	20.96
			50	21.50	21.07	20.60	21.13	20.49	20.84
		100	0	21.50	20.96	20.55	21.14	20.55	20.95
			25	21.50	21.01	20.58	21.15	20.56	20.96
			50	21.50	21.07	20.60	21.13	20.49	20.84

11.1.11 Conducted Power of LTE Band 42

LTE-TDD Band 42				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		42115 3452.5MHz	42590 3500.0MHz	43065 3547.5MHz
5MHz	QPSK	1	0	21.00	20.71	20.62	20.69
			13	21.00	20.76	20.62	20.70
			24	21.00	20.76	20.60	20.72
		12	0	20.00	19.69	19.61	19.64
			6	20.00	19.66	19.56	19.62
			13	20.00	19.69	19.59	19.65
	16QAM	25	0	20.00	19.74	19.64	19.69
			0	20.50	20.02	19.95	20.26
			13	20.50	20.10	19.93	20.26
		1	24	20.50	20.06	19.96	20.27
			0	19.00	18.67	18.63	18.65
			6	19.00	18.66	18.63	18.61
10MHz	QPSK	12	13	19.00	18.70	18.63	18.66
			0	19.00	18.75	18.59	18.64
		25	0	19.00	18.75	18.59	18.64
	16QAM	1	0	21.00	20.78	20.60	20.61
			25	21.00	20.76	20.64	20.65
			49	21.00	20.78	20.59	20.71
	QPSK	25	0	20.00	19.73	19.61	19.62
			13	20.00	19.73	19.62	19.67
			25	20.00	19.75	19.62	19.70
	16QAM	50	0	20.00	19.73	19.59	19.64
			0	20.50	20.24	19.60	20.06
			25	20.50	20.23	19.58	20.09
	QPSK	1	49	20.50	20.25	19.60	20.18
			0	19.00	18.75	18.59	18.63
			13	19.00	18.73	18.58	18.65
	16QAM	25	25	19.00	18.74	18.59	18.67
			0	19.00	18.74	18.58	18.63
			0	19.00	18.74	18.58	18.63

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	21.00	20.75	20.70	20.46
			38	21.00	20.80	20.77	20.65
			74	21.00	20.70	20.69	20.70
		36	0	20.00	19.74	19.62	19.59
			18	20.00	19.73	19.66	19.65
			39	20.00	19.72	19.63	19.67
		75	0	20.00	19.75	19.65	19.62
			0	20.50	20.24	19.87	19.98
			38	20.50	20.33	19.90	20.14
	16QAM	1	74	20.50	20.16	0.00	20.18
			0	19.00	18.78	0.00	18.63
			18	19.00	18.77	18.56	18.71
		36	39	19.00	18.76	18.58	18.74
			75	19.00	18.76	18.67	18.63
		75	0	19.00	18.76	18.67	18.63
			0	19.00	18.76	18.67	18.63
			0	19.00	18.76	18.67	18.63
			0	19.00	18.76	18.67	18.63
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42190	42590	42990
					3460.0MHz	3500.0MHz	3540.0MHz
20MHz	QPSK	1	0	21.00	20.77	20.67	20.42
			50	21.00	20.83	20.69	20.61
			99	21.00	20.64	20.62	20.66
		50	0	20.00	19.81	19.67	19.57
			25	20.00	19.78	19.68	19.66
			50	20.00	19.75	19.67	19.74
		100	0	20.00	19.75	19.68	19.64
			0	20.00	19.97	19.89	19.73
			50	20.50	20.03	19.93	19.91
	16QAM	1	99	20.00	19.83	19.85	19.94
			0	19.00	18.77	18.70	18.58
			25	19.00	18.75	18.71	18.69
		50	50	19.00	18.74	18.69	18.74
			0	19.00	18.74	18.67	18.65
			0	19.00	18.74	18.67	18.65
		100	0	19.00	18.74	18.67	18.65
			0	19.00	18.74	18.67	18.65
			0	19.00	18.74	18.67	18.65
			0	19.00	18.74	18.67	18.65

11.1.12 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	1755.0MHz	1779.3MHz		
1.4MHz	QPSK	1	0	23.50	23.15	23.17	23.04		
			2	23.50	23.14	23.21	23.07		
			5	23.50	23.17	23.17	23.05		
		3	0	23.50	23.07	23.12	22.92		
			2	23.50	23.05	23.08	22.89		
			3	23.50	23.06	23.11	22.91		
	16QAM	6	0	22.50	22.11	22.12	21.93		
			0	22.50	22.03	22.39	22.14		
			2	22.50	21.98	22.35	22.05		
		3	5	22.50	22.01	22.39	22.10		
			0	22.50	22.20	22.32	22.09		
			2	22.50	22.18	22.31	22.06		
6	3	22.50	22.21	22.33	22.07				
	0	21.50	21.26	21.29	21.11				
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	131987	132322	132657	
1711.5MHz						1755.0MHz	1778.5MHz		
3MHz	QPSK	1	0	23.50	23.22	23.21	23.07		
			7	23.50	23.13	23.21	23.11		
			14	23.50	23.14	23.20	23.09		
		8	0	22.50	22.15	22.20	22.07		
			4	22.50	22.11	22.19	21.99		
			7	22.50	22.11	22.20	21.99		
		15	0	22.50	22.14	22.19	22.04		
			16QAM	1	0	23.00	22.52	22.44	21.97
					7	22.50	22.50	22.45	21.94
	14	22.50			22.46	22.42	21.90		
	8	0		21.50	21.16	21.22	21.08		
		4		21.50	21.14	21.20	21.03		
		7		21.50	21.13	21.22	21.03		
	15	0	21.50	21.18	21.14	21.11			
		Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	131997	132322	132647
1712.5MHz							1755.0MHz	1775.0MHz	
5MHz	QPSK	1	0	23.50	23.38	23.37	23.11		
			13	23.50	23.26	23.34	23.07		
			24	23.50	23.27	23.33	23.06		
		12	0	22.50	22.25	22.27	22.14		
			6	22.50	22.19	22.26	22.06		
			13	22.50	22.20	22.26	22.07		
		25	0	22.50	22.25	22.30	22.13		
			16QAM	1	0	23.00	22.74	22.68	22.48
					13	23.00	22.69	22.70	22.46
	24	23.00			22.64	22.66	22.38		
	12	0		21.50	21.24	21.25	21.18		
		6		21.50	21.19	21.25	21.12		
		13		21.50	21.20	21.23	21.13		
	25	0	21.50	21.18	21.31	21.08			

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		132022 1715.0MHz	132322 1755.0MHz	132622 1775.0MHz
10MHz	QPSK	1	0	23.50	23.47	23.45	23.27
			25	23.50	23.20	23.29	23.19
			49	23.50	23.28	23.37	23.21
		25	0	22.50	22.24	22.32	22.15
			13	22.50	22.20	22.28	22.09
			25	22.50	22.23	22.32	22.10
	16QAM	50	0	22.50	22.22	22.33	22.13
			0	23.00	22.76	22.59	22.15
			25	23.00	22.52	22.50	22.00
		1	49	23.00	22.64	22.56	22.09
			0	21.50	21.26	21.30	21.13
			13	21.50	21.19	21.24	21.05
15MHz	QPSK	25	25	21.50	21.21	21.31	21.08
			0	21.50	21.20	21.34	21.11
			0	21.50	21.20	21.34	21.11
	16QAM	50	0	21.50	21.20	21.34	21.11
			0	21.50	21.20	21.34	21.11
			0	21.50	21.20	21.34	21.11
20MHz	QPSK	1	0	23.50	23.45	23.45	23.30
			38	23.50	23.28	23.40	23.22
			74	23.50	23.24	23.29	23.19
		36	0	22.50	22.20	22.27	22.14
			18	22.50	22.13	22.23	22.09
			39	22.50	22.15	22.25	22.07
	16QAM	75	0	22.50	22.19	22.27	22.11
			0	23.00	22.70	22.57	22.32
			38	23.00	22.57	22.53	22.26
		36	74	23.00	22.60	22.45	22.22
			0	21.50	21.26	21.34	21.12
			18	21.50	21.18	21.31	21.09
25MHz	QPSK	39	39	21.50	21.17	21.32	21.06
			0	21.50	21.21	21.30	21.18
			0	21.50	21.21	21.30	21.18
	16QAM	75	0	21.50	21.21	21.30	21.18
			0	21.50	21.21	21.30	21.18
			0	21.50	21.21	21.30	21.18
30MHz	QPSK	1	0	24.00	23.51	23.54	23.25
			50	23.50	23.31	23.50	23.12
			99	23.50	23.32	23.39	23.14
		50	0	22.50	22.26	22.37	22.22
			25	22.50	22.19	22.33	22.17
			50	22.50	22.19	22.33	22.15
	16QAM	100	0	22.50	22.22	22.35	22.19
			0	23.00	22.74	22.63	22.55
			50	23.00	22.56	22.62	22.46
		1	99	23.00	22.58	22.50	22.44
			0	21.50	21.31	21.33	21.25
			25	21.50	21.25	21.31	21.20
35MHz	QPSK	50	50	21.50	21.25	21.31	21.17
			0	21.50	21.23	21.32	21.17
			0	21.50	21.23	21.32	21.17
	16QAM	100	0	21.50	21.23	21.32	21.17
			0	21.50	21.23	21.32	21.17
			0	21.50	21.23	21.32	21.17

11.1.13 Conducted Power of NR n5

NR n5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		165800	167300	168800
					829.0MHz	836.5MHz	844.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.00	23.59	23.62	23.62
	DFT_QPSK	24@0	LOW	23.00	22.72	22.76	22.68
	DFT_QPSK	12@6	LOW	24.00	23.80	23.79	23.70
	DFT_QPSK	1@1	LOW	24.00	23.93	23.97	23.59
	DFT_QPSK	1@22	LOW	24.50	24.01	23.96	23.60
	DFT_QAM16	1@1	LOW	23.50	22.42	23.00	23.01
	DFT_QAM64	1@1	LOW	21.50	20.88	21.38	20.87
	DFT_QAM256	1@1	LOW	19.50	19.00	19.13	19.50
	CP_QPSK	1@1	LOW	23.00	22.46	22.62	22.62
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166300	167300	168300
					831.5MHz	836.5MHz	841.5MHz
15MHz	DFT_BPSK	1@1	LOW	24.00	23.70	23.73	23.69
	DFT_QPSK	36@0	LOW	23.00	22.77	22.73	22.69
	DFT_QPSK	18@9	LOW	24.00	23.72	23.77	23.70
	DFT_QPSK	1@1	LOW	24.00	23.50	23.67	23.46
	DFT_QPSK	1@36	LOW	24.00	23.57	23.61	23.29
	DFT_QAM16	1@1	LOW	23.50	22.85	22.58	23.05
	DFT_QAM64	1@1	LOW	22.00	21.03	21.56	21.35
	DFT_QAM256	1@1	LOW	19.50	18.91	19.28	19.40
	CP_QPSK	1@1	LOW	22.50	21.83	22.33	22.50
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166800	167300	167800
					834.0MHz	836.5MHz	839.0MHz
20MHz	DFT_BPSK	1@1	LOW	24.00	23.45	23.56	23.63
	DFT_QPSK	50@0	LOW	23.00	22.74	22.67	22.67
	DFT_QPSK	25@12	LOW	24.00	23.73	23.75	23.79
	DFT_QPSK	1@1	LOW	24.00	23.43	23.60	23.79
	DFT_QPSK	1@49	LOW	24.00	23.48	23.57	23.68
	DFT_QAM16	1@1	LOW	23.00	22.59	22.32	22.62
	DFT_QAM64	1@1	LOW	21.50	21.06	20.93	21.20
	DFT_QAM256	1@1	LOW	19.50	19.01	18.88	19.33
	CP_QPSK	1@1	LOW	23.00	22.12	22.69	22.09

11.1.14 Conducted Power of NR n7

NR n7					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	501000	507000	513000
					2505.0MHz	2535.0MHz	2565.0MHz
10MHz	DFT_BPSK	1@1	LOW	23.00	22.72	22.66	22.77
	DFT_QPSK	24@0	LOW	22.00	21.85	21.93	21.89
	DFT_QPSK	12@6	LOW	23.00	22.92	22.90	22.87
	DFT_QPSK	1@1	LOW	23.50	23.07	23.08	22.84
	DFT_QPSK	1@22	LOW	23.50	23.23	23.14	22.86
	DFT_QAM16	1@1	LOW	22.50	21.50	21.99	22.17
	DFT_QAM64	1@1	LOW	20.50	20.01	20.42	20.07
	DFT_QAM256	1@1	LOW	19.00	18.09	18.17	18.68
	CP_QPSK	1@1	LOW	22.00	21.53	21.65	21.85
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	501500	507000	512000
					2507.5MHz	2535.0MHz	2562.5MHz
15MHz	DFT_BPSK	1@1	LOW	23.00	22.79	22.82	22.75
	DFT_QPSK	36@0	LOW	22.00	21.86	21.93	21.84
	DFT_QPSK	18@9	LOW	23.00	22.89	22.92	22.82
	DFT_QPSK	1@1	LOW	23.00	22.64	22.76	22.51
	DFT_QPSK	1@36	LOW	23.00	22.71	22.89	22.55
	DFT_QAM16	1@1	LOW	22.50	21.92	21.71	22.15
	DFT_QAM64	1@1	LOW	21.00	20.19	20.56	20.46
	DFT_QAM256	1@1	LOW	18.50	18.00	18.33	18.39
	CP_QPSK	1@1	LOW	22.00	20.85	21.32	21.59
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	502000	507000	512000
					2510.0MHz	2535.0MHz	2560.0MHz
20MHz	DFT_BPSK	1@1	LOW	23.00	22.63	22.65	22.91
	DFT_QPSK	50@0	LOW	22.00	21.87	21.88	21.88
	DFT_QPSK	25@12	LOW	23.00	22.92	22.90	22.88
	DFT_QPSK	1@1	LOW	23.50	22.64	22.75	23.04
	DFT_QPSK	1@49	LOW	23.00	22.67	22.91	22.96
	DFT_QAM16	1@1	LOW	22.00	21.79	21.48	21.83
	DFT_QAM64	1@1	LOW	20.50	20.20	20.01	20.49
	DFT_QAM256	1@1	LOW	19.00	18.08	17.97	18.55
	CP_QPSK	1@1	LOW	22.00	21.33	21.65	21.39

11.1.15 Conducted Power of NR n12

NR n12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
5MHz	DFT_BPSK	1@1	LOW	24.50	23.89	24.14	23.92
	DFT_QPSK	25@0	LOW	23.00	22.92	23.00	22.98
	DFT_QPSK	12@6	LOW	24.00	23.92	24.00	24.00
	DFT_QPSK	1@1	LOW	24.50	24.19	23.96	23.97
	DFT_QPSK	1@23	LOW	24.50	24.14	23.92	23.99
	DFT_QAM16	1@1	LOW	23.50	23.34	22.97	22.84
	DFT_QAM64	1@1	LOW	21.50	21.47	21.47	21.28
	DFT_QAM256	1@1	LOW	20.00	19.57	19.68	19.13
	CP_QPSK	1@1	LOW	23.50	22.83	22.87	23.04
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.50	24.14	24.01	24.11
	DFT_QPSK	50@0	LOW	23.00	22.99	22.95	22.99
	DFT_QPSK	25@12	LOW	24.50	23.99	24.03	23.96
	DFT_QPSK	1@1	LOW	24.00	23.95	23.93	24.00
	DFT_QPSK	1@50	LOW	24.50	24.04	23.97	23.95
	DFT_QAM16	1@1	LOW	23.50	22.87	22.88	23.46
	DFT_QAM64	1@1	LOW	22.00	21.67	21.77	21.32
	DFT_QAM256	1@1	LOW	20.50	20.02	19.69	19.50
	CP_QPSK	1@1	LOW	22.50	22.40	22.26	22.10
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	23.95	23.92	23.76
	DFT_QPSK	75@0	LOW	23.00	22.98	22.95	22.97
	DFT_QPSK	36@18	LOW	24.50	23.97	24.02	23.96
	DFT_QPSK	1@1	LOW	24.00	23.81	23.77	23.49
	DFT_QPSK	1@77	LOW	24.00	23.92	23.85	23.60
	DFT_QAM16	1@1	LOW	23.50	23.03	22.81	23.16
	DFT_QAM64	1@1	LOW	21.50	21.28	21.48	21.27
	DFT_QAM256	1@1	LOW	19.50	19.06	19.47	19.50
	CP_QPSK	1@1	LOW	23.00	22.02	22.41	22.54

11.1.15 Conducted Power of NR n38

NR n38					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	515000	519000	523000
					2575.0MHz	2595.0MHz	2615.0MHz
10MHz	DFT_BPSK	1@1	LOW	23.00	20.88	22.92	22.70
	DFT_QPSK	24@0	LOW	22.00	20.86	21.84	21.77
	DFT_QPSK	12@6	LOW	23.50	23.14	22.91	22.86
	DFT_QPSK	1@1	LOW	23.00	22.98	22.86	22.80
	DFT_QPSK	1@22	LOW	23.50	23.08	22.61	22.86
	DFT_QAM16	1@1	LOW	22.50	22.11	21.88	21.84
	DFT_QAM64	1@1	LOW	21.00	20.68	20.58	20.15
	DFT_QAM256	1@1	LOW	19.00	18.40	18.51	18.13
	CP_QPSK	1@1	LOW	22.50	21.48	22.36	21.48
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	515500	519000	522500
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	DFT_BPSK	1@1	LOW	23.50	22.77	23.08	22.81
	DFT_QPSK	36@0	LOW	22.00	22.00	21.93	21.86
	DFT_QPSK	18@9	LOW	23.00	22.99	22.89	22.82
	DFT_QPSK	1@1	LOW	23.00	22.59	22.94	22.93
	DFT_QPSK	1@36	LOW	23.50	22.69	22.76	23.02
	DFT_QAM16	1@1	LOW	22.50	22.03	21.77	21.62
	DFT_QAM64	1@1	LOW	20.50	20.07	20.19	20.41
	DFT_QAM256	1@1	LOW	18.50	18.30	17.93	18.39
	CP_QPSK	1@1	LOW	22.00	21.51	21.54	21.20
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	522500	519000	522000
					2580.0MHz	2595.0MHz	2610.0MHz
20MHz	DFT_BPSK	1@1	LOW	23.50	22.82	23.04	22.98
	DFT_QPSK	50@0	LOW	22.50	22.10	22.20	21.85
	DFT_QPSK	25@12	LOW	23.50	23.12	23.04	22.77
	DFT_QPSK	1@1	LOW	23.50	23.02	23.11	22.77
	DFT_QPSK	1@49	LOW	23.50	23.13	23.21	22.86
	DFT_QAM16	1@1	LOW	22.50	22.02	21.93	21.51
	DFT_QAM64	1@1	LOW	21.00	20.66	20.23	20.09
	DFT_QAM256	1@1	LOW	19.50	18.55	18.47	19.39
	CP_QPSK	1@1	LOW	22.00	21.38	21.69	19.21

11.1.16 Conducted Power of NR n41

NR n41					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	501204	518598	535998
					2506.0MHz	2593.0MHz	2680.0MHz
20MHz	DFT_BPSK	1@1	LOW	23.50	23.31	23.14	23.10
	DFT_QPSK	50@0	LOW	22.50	22.20	22.14	22.06
	DFT_QPSK	25@12	LOW	23.50	23.25	23.12	23.04
	DFT_QPSK	1@1	LOW	23.50	23.18	23.09	22.95
	DFT_QPSK	1@49	LOW	23.50	23.16	23.04	22.82
	DFT_QAM16	1@1	LOW	22.50	21.99	22.11	22.43
	DFT_QAM64	1@1	LOW	21.00	20.68	20.73	20.34
	DFT_QAM256	1@1	LOW	19.00	18.99	18.58	18.54
	CP_QPSK	1@1	LOW	22.00	21.61	21.54	21.25
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	504204	518598	532998
					2521.0MHz	2593.0MHz	2665.0MHz
50MHz	DFT_BPSK	1@1	LOW	23.50	23.11	22.92	23.03
	DFT_QPSK	128@0	LOW	22.50	22.08	22.04	22.01
	DFT_QPSK	64@32	LOW	23.50	23.09	23.09	23.04
	DFT_QPSK	1@1	LOW	23.50	23.10	22.93	23.01
	DFT_QPSK	1@131	LOW	23.50	23.13	22.83	22.81
	DFT_QAM16	1@1	LOW	22.50	22.11	21.92	21.91
	DFT_QAM64	1@1	LOW	21.00	20.54	20.38	20.46
	DFT_QAM256	1@1	LOW	19.00	18.35	18.52	18.45
	CP_QPSK	1@1	LOW	22.00	21.33	21.52	21.56
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	509202	518598	528000
					2546.0MHz	2593.0MHz	2640.0MHz
100MHz	DFT_BPSK	1@1	LOW	23.50	23.10	23.01	23.06
	DFT_QPSK	270@0	LOW	22.50	22.16	22.20	22.04
	DFT_QPSK	135@67	LOW	23.50	23.13	23.09	23.09
	DFT_QPSK	1@1	LOW	23.50	22.96	23.03	23.10
	DFT_QPSK	1@271	LOW	23.50	22.92	23.03	22.95
	DFT_QAM16	1@1	LOW	22.50	22.26	21.92	21.88
	DFT_QAM64	1@1	LOW	21.00	20.42	20.28	20.52
	DFT_QAM256	1@1	LOW	19.00	18.59	18.41	18.86
	CP_QPSK	1@1	LOW	22.00	21.74	21.85	21.42

11.1.17 Conducted Power of NR n66

NR n66					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	343000	349000	355000
					1715.0MHz	1745.0MHz	1775.0MHz
10MHz	DFT_BPSK	1@1	LOW	23.50	23.21	23.37	23.33
	DFT_QPSK	24@0	LOW	22.50	22.38	22.46	22.33
	DFT_QPSK	12@6	LOW	24.00	23.37	23.53	23.33
	DFT_QPSK	1@1	LOW	24.00	23.25	23.81	23.50
	DFT_QPSK	1@22	LOW	24.00	23.18	23.85	23.51
	DFT_QAM16	1@1	LOW	23.00	22.24	22.25	22.60
	DFT_QAM64	1@1	LOW	21.00	20.75	20.79	20.92
	DFT_QAM256	1@1	LOW	19.50	18.71	19.03	18.90
	CP_QPSK	1@1	LOW	22.50	21.96	22.14	21.93
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	23.50	23.42	23.23	23.30
	DFT_QPSK	50@0	LOW	22.50	22.26	22.43	22.38
	DFT_QPSK	25@12	LOW	23.50	23.28	23.45	23.39
	DFT_QPSK	1@1	LOW	23.50	23.46	23.44	23.33
	DFT_QPSK	1@49	LOW	24.00	23.29	23.56	23.25
	DFT_QAM16	1@1	LOW	23.00	22.83	22.40	22.70
	DFT_QAM64	1@1	LOW	21.50	20.84	20.88	21.06
	DFT_QAM256	1@1	LOW	19.50	18.96	18.73	19.13
	CP_QPSK	1@1	LOW	22.50	21.74	21.73	22.01
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	23.50	23.34	23.19	23.36
	DFT_QPSK	100@0	LOW	22.50	22.35	22.38	22.49
	DFT_QPSK	50@25	LOW	23.50	23.37	23.49	23.41
	DFT_QPSK	1@1	LOW	23.50	23.30	23.16	23.41
	DFT_QPSK	1@104	LOW	23.50	23.43	23.27	23.39
	DFT_QAM16	1@1	LOW	22.50	22.47	22.45	22.20
	DFT_QAM64	1@1	LOW	21.50	21.04	20.77	20.73
	DFT_QAM256	1@1	LOW	19.00	18.81	18.87	18.83
	CP_QPSK	1@1	LOW	22.50	21.98	21.81	22.12

11.1.18 Conducted Power of NR n71

NR n66					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133100 665.5MHz	136100 680.5MHz	139100 695.5MHz
5MHz	DFT BPSK	1@1	LOW	22.50	22.45	22.48	22.49
	DFT QPSK	24@0	LOW	22.00	21.53	21.53	21.34
	DFT QPSK	12@6	LOW	22.50	22.50	22.49	22.35
	DFT QPSK	1@1	LOW	23.00	22.64	22.65	22.35
	DFT QPSK	1@22	LOW	23.00	22.63	22.64	22.33
	DFT QAM16	1@1	LOW	22.00	21.69	21.72	21.33
	DFT QAM64	1@1	LOW	20.50	20.01	19.57	19.77
	DFT QAM256	1@1	LOW	18.50	17.99	18.37	17.97
10MHz	CP QPSK	1@1	LOW	21.50	21.06	21.36	21.02
	DFT BPSK	1@1	LOW	22.50	22.48	22.40	22.32
	DFT QPSK	50@0	LOW	22.00	21.49	21.53	21.44
	DFT QPSK	25@12	LOW	22.50	22.48	22.49	22.46
	DFT QPSK	1@1	LOW	22.50	22.38	22.08	22.25
	DFT QPSK	1@49	LOW	22.50	22.41	22.06	22.03
	DFT QAM16	1@1	LOW	22.00	21.43	21.78	21.42
	DFT QAM64	1@1	LOW	20.50	20.28	20.03	20.12
20MHz	DFT QAM256	1@1	LOW	18.50	18.05	17.99	17.87
	CP QPSK	1@1	LOW	22.00	20.80	21.04	21.51
	DFT BPSK	1@1	LOW	22.50	22.32	22.41	22.20
	DFT QPSK	100@0	LOW	21.50	21.49	21.45	21.42
	DFT QPSK	50@25	LOW	23.00	22.50	22.53	22.47
	DFT QPSK	1@1	LOW	23.00	22.45	22.36	22.51
	DFT QPSK	1@104	LOW	23.00	22.53	22.39	22.31
	DFT QAM16	1@1	LOW	22.00	21.17	21.42	21.60
	DFT QAM64	1@1	LOW	20.50	19.76	20.06	20.22
	DFT QAM256	1@1	LOW	18.50	17.83	18.20	18.18
	CP QPSK	1@1	LOW	21.50	21.40	20.96	21.02

11.1.19 Conducted Power of NR n77(3450-3550)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334	633334	636332
					3455.0MHz	3500.0MHz	3545.0MHz
10MHz	DFT BPSK	1@1	LOW	25.00	24.19	24.55	24.18
	DFT QPSK	24@0	LOW	23.50	23.04	23.42	23.17
	DFT QPSK	12@6	LOW	24.50	24.01	24.39	24.32
	DFT QPSK	1@1	LOW	25.00	24.23	24.61	24.41
	DFT QPSK	1@22	LOW	25.00	24.27	24.58	24.35
	DFT QAM16	1@1	LOW	24.00	22.91	23.26	23.53
	DFT QAM64	1@1	LOW	22.50	21.52	21.86	22.25
	DFT QAM256	1@1	LOW	20.50	19.31	20.32	19.87
CP QPSK	1@1	LOW	23.50	22.87	23.16	22.86	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	631668	633334	635000
					3475.0MHz	3500.0MHz	3525.0MHz
50MHz	DFT BPSK	1@1	LOW	24.50	24.17	24.38	24.33
	DFT QPSK	128@0	LOW	23.50	23.31	23.41	23.46
	DFT QPSK	64@32	LOW	24.50	24.36	24.47	24.47
	DFT QPSK	1@1	LOW	24.50	24.06	24.36	24.30
	DFT QPSK	1@131	LOW	24.50	24.41	24.42	24.21
	DFT QAM16	1@1	LOW	23.50	23.41	23.32	23.41
	DFT QAM64	1@1	LOW	22.00	21.41	21.78	21.81
	DFT QAM256	1@1	LOW	20.00	19.64	19.58	19.91
CP QPSK	1@1	LOW	23.00	22.60	22.70	22.95	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334		
					3500.0MHz		
100MHz	DFT BPSK	1@1	LOW	24.50	24.11		
	DFT QPSK	270@0	LOW	23.50	23.36		
	DFT QPSK	135@67	LOW	24.50	24.42		
	DFT QPSK	1@1	LOW	24.50	24.02		
	DFT QPSK	1@271	LOW	24.50	24.15		
	DFT QAM16	1@1	LOW	23.00	22.93		
	DFT QAM64	1@1	LOW	21.50	21.48		
	DFT QAM256	1@1	LOW	19.50	19.46		
CP QPSK	1@1	LOW	23.00	22.59			

11.1.20 Conducted Power of NR n77(3550-3700)

NR n77					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	24.50	24.24	24.12	24.00
	DFT_QPSK	24@0	LOW	23.50	23.27	22.98	22.91
	DFT_QPSK	12@6	LOW	24.50	24.33	23.94	23.98
	DFT_QPSK	1@1	LOW	24.50	24.42	24.09	23.92
	DFT_QPSK	1@22	LOW	24.50	24.49	23.93	23.98
	DFT_QAM16	1@1	LOW	23.50	23.50	23.42	22.89
	DFT_QAM64	1@1	LOW	22.50	22.21	21.34	21.66
	DFT_QAM256	1@1	LOW	20.50	19.89	20.02	19.55
	CP_QPSK	1@1	LOW	23.00	22.90	22.75	22.49
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	24.50	24.32	24.09	23.67
	DFT_QPSK	128@0	LOW	23.50	23.33	23.02	22.89
	DFT_QPSK	64@32	LOW	24.50	24.38	24.01	23.84
	DFT_QPSK	1@1	LOW	24.50	24.19	24.08	23.66
	DFT_QPSK	1@131	LOW	24.50	24.27	23.78	23.93
	DFT_QAM16	1@1	LOW	23.50	23.26	23.00	22.88
	DFT_QAM64	1@1	LOW	22.00	21.67	21.64	21.21
	DFT_QAM256	1@1	LOW	20.00	19.74	19.56	19.30
	CP_QPSK	1@1	LOW	23.00	22.79	22.72	22.52
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	24.50	24.23	24.30	24.20
	DFT_QPSK	270@0	LOW	23.50	23.18	23.05	23.00
	DFT_QPSK	135@67	LOW	24.50	24.21	24.04	23.87
	DFT_QPSK	1@1	LOW	24.50	24.27	24.30	24.25
	DFT_QPSK	1@271	LOW	24.50	23.81	23.79	24.05
	DFT_QAM16	1@1	LOW	23.50	23.15	23.13	23.19
	DFT_QAM64	1@1	LOW	22.00	21.40	21.65	21.84
	DFT_QAM256	1@1	LOW	20.00	19.48	19.95	19.78
	CP_QPSK	1@1	LOW	23.00	22.76	22.64	22.72

11.1.21 Conducted Power of NR n77(3700-3980)

NR n77					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	647000	656000	665000
					3705.0MHz	3890.0MHz	3975.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.50	21.24	22.29	21.42
	DFT_QPSK	24@0	LOW	21.50	20.24	21.36	20.20
	DFT_QPSK	12@6	LOW	22.50	21.19	22.49	21.26
	DFT_QPSK	1@1	LOW	22.50	21.34	22.35	21.34
	DFT_QPSK	1@22	LOW	23.00	21.68	22.54	21.40
	DFT_QAM16	1@1	LOW	21.50	20.03	21.27	20.54
	DFT_QAM64	1@1	LOW	20.50	18.91	20.36	18.72
	DFT_QAM256	1@1	LOW	18.00	16.94	17.86	17.07
	CP_QPSK	1@1	LOW	21.00	19.72	20.97	19.66
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	648334	656000	663666
					3725.0MHz	3890.0MHz	3955.0MHz
50MHz	DFT_BPSK	1@1	LOW	22.00	21.06	21.99	21.33
	DFT_QPSK	128@0	LOW	21.50	20.88	21.40	20.57
	DFT_QPSK	64@32	LOW	22.50	22.06	22.49	21.82
	DFT_QPSK	1@1	LOW	22.50	21.21	22.06	21.41
	DFT_QPSK	1@131	LOW	22.50	21.98	22.26	21.29
	DFT_QAM16	1@1	LOW	21.50	20.26	21.05	20.36
	DFT_QAM64	1@1	LOW	20.00	18.48	19.59	19.14
	DFT_QAM256	1@1	LOW	18.00	16.25	17.61	16.79
	CP_QPSK	1@1	LOW	21.00	19.45	20.58	19.85
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	650000	656000	662000
					3750.0MHz	3890.0MHz	3930.0MHz
100MHz	DFT_BPSK	1@1	LOW	22.50	21.09	22.04	22.08
	DFT_QPSK	270@0	LOW	21.50	21.02	21.34	20.86
	DFT_QPSK	135@67	LOW	22.50	22.20	22.35	21.87
	DFT_QPSK	1@1	LOW	22.50	21.01	22.07	22.02
	DFT_QPSK	1@271	LOW	22.50	22.27	22.23	21.32
	DFT_QAM16	1@1	LOW	21.50	20.15	20.93	21.21
	DFT_QAM64	1@1	LOW	20.00	18.55	19.48	19.82
	DFT_QAM256	1@1	LOW	18.00	16.63	17.49	17.96
	CP_QPSK	1@1	LOW	21.00	19.63	20.68	20.72

11.1.22 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	23.00	22.70	22.90	22.20
	DFT_QPSK	24@0	LOW	22.00	21.60	21.62	20.97
	DFT_QPSK	12@6	LOW	23.00	22.59	22.66	21.92
	DFT_QPSK	1@1	LOW	23.50	22.66	23.13	22.24
	DFT_QPSK	1@22	LOW	23.00	22.65	22.73	21.81
	DFT_QAM16	1@1	LOW	22.50	21.82	22.15	20.67
	DFT_QAM64	1@1	LOW	21.00	20.01	20.64	19.99
	DFT_QAM256	1@1	LOW	19.00	18.31	18.75	17.97
	CP_QPSK	1@1	LOW	21.50	21.20	21.31	21.15
50MHz	DFT_BPSK	1@1	LOW	23.00	22.89	22.12	22.48
	DFT_QPSK	128@0	LOW	22.00	21.64	21.58	21.34
	DFT_QPSK	64@32	LOW	23.00	22.51	22.58	22.40
	DFT_QPSK	1@1	LOW	23.50	23.02	22.11	22.48
	DFT_QPSK	1@131	LOW	23.00	22.96	22.35	21.74
	DFT_QAM16	1@1	LOW	22.50	22.03	21.12	21.30
	DFT_QAM64	1@1	LOW	21.00	20.54	19.54	19.95
	DFT_QAM256	1@1	LOW	18.50	18.27	17.59	17.77
	CP_QPSK	1@1	LOW	21.50	21.36	21.04	21.08
100MHz	DFT_BPSK	1@1	LOW	23.00	633334		
	DFT_QPSK	270@0	LOW	21.50	3500.0MHz		
	DFT_QPSK	135@67	LOW	23.00			
	DFT_QPSK	1@1	LOW	23.00			
	DFT_QPSK	1@271	LOW	22.00			
	DFT_QAM16	1@1	LOW	23.00			
	DFT_QAM64	1@1	LOW	20.50			
	DFT_QAM256	1@1	LOW	19.00			
	CP_QPSK	1@1	LOW	21.50			

11.1.23 Conducted Power of NR n78(3550-3700)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000 3560.0MHz	641666 3625.0MHz	646332 3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.00	21.72	21.66	21.40
	DFT_QPSK	24@0	LOW	21.00	20.83	20.71	20.14
	DFT_QPSK	12@6	LOW	22.00	21.76	21.75	21.07
	DFT_QPSK	1@1	LOW	22.00	21.76	21.64	21.50
	DFT_QPSK	1@22	LOW	22.00	21.98	21.55	21.19
	DFT_QAM16	1@1	LOW	21.00	20.91	20.60	20.33
	DFT_QAM64	1@1	LOW	20.00	19.50	19.51	18.74
	DFT_QAM256	1@1	LOW	17.50	17.25	17.42	16.64
	CP_QPSK	1@1	LOW	21.00	20.58	20.62	19.76
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	638334 3575.0MHz	641666 3625.0MHz	645000 3675.0MHz
50MHz	DFT_BPSK	1@1	LOW	22.00	21.84	21.85	21.34
	DFT_QPSK	128@0	LOW	21.00	21.00	20.74	20.52
	DFT_QPSK	64@32	LOW	22.50	22.16	21.77	21.70
	DFT_QPSK	1@1	LOW	22.00	21.77	21.89	21.36
	DFT_QPSK	1@131	LOW	22.00	21.96	21.51	20.95
	DFT_QAM16	1@1	LOW	21.50	21.19	20.86	20.67
	DFT_QAM64	1@1	LOW	20.00	19.42	19.68	18.89
	DFT_QAM256	1@1	LOW	18.00	17.59	17.48	17.00
	CP_QPSK	1@1	LOW	20.50	20.08	20.46	19.80
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000 3600.0MHz	641666 3625.0MHz	641332 3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	22.00	21.86	21.91	21.98
	DFT_QPSK	128@0	LOW	21.00	20.84	20.73	20.67
	DFT_QPSK	64@32	LOW	22.00	21.94	21.84	21.56
	DFT_QPSK	1@1	LOW	22.50	21.83	21.96	22.14
	DFT_QPSK	1@131	LOW	22.00	21.65	21.71	21.12
	DFT_QAM16	1@1	LOW	21.50	20.84	21.07	21.39
	DFT_QAM64	1@1	LOW	20.00	19.03	19.54	19.81
	DFT_QAM256	1@1	LOW	17.50	17.03	17.48	17.34
	CP_QPSK	1@1	LOW	21.00	20.06	20.42	20.52

11.1.24 Conducted Power of NR n78(3700-3800)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000 3705.0MHz	650000 3750.0MHz	653000 3795.0MHz
10MHz	DFT BPSK	1@1	LOW	22.50	21.01	21.74	22.06
	DFT QPSK	24@0	LOW	21.50	20.09	20.82	21.15
	DFT QPSK	12@6	LOW	22.50	21.09	21.88	22.19
	DFT QPSK	1@1	LOW	22.00	20.99	21.91	22.00
	DFT QPSK	1@22	LOW	22.50	21.35	22.08	22.18
	DFT QAM16	1@1	LOW	21.00	20.09	20.78	20.54
	DFT QAM64	1@1	LOW	20.00	18.46	19.50	19.75
	DFT QAM256	1@1	LOW	18.00	16.81	17.36	17.87
	CP QPSK	1@1	LOW	21.00	19.55	20.26	20.97
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334 3725.0MHz	650000 3750.0MHz	651666 3775.0MHz
50MHz	DFT BPSK	1@1	LOW	22.00	20.92	21.95	21.78
	DFT QPSK	128@0	LOW	21.50	20.71	20.97	21.10
	DFT QPSK	64@32	LOW	22.50	22.06	21.90	22.14
	DFT QPSK	1@1	LOW	22.50	20.87	22.02	21.84
	DFT QPSK	1@131	LOW	22.50	21.77	22.03	22.18
	DFT QAM16	1@1	LOW	21.50	20.26	21.17	20.66
	DFT QAM64	1@1	LOW	19.50	18.75	19.47	19.16
	DFT QAM256	1@1	LOW	18.00	16.44	17.53	17.05
	CP QPSK	1@1	LOW	21.00	19.47	20.64	20.29
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000 3750.0MHz		
100MHz	DFT BPSK	1@1	LOW	22.00	21.08		
	DFT QPSK	270@0	LOW	21.00	20.94		
	DFT QPSK	135@67	LOW	22.50	22.06		
	DFT QPSK	1@1	LOW	22.50	21.10		
	DFT QPSK	1@271	LOW	22.50	22.26		
	DFT QAM16	1@1	LOW	21.50	20.60		
	DFT QAM64	1@1	LOW	20.00	18.69		
	DFT QAM256	1@1	LOW	17.50	16.77		
	CP QPSK	1@1	LOW	21.00	19.46		

11.1.25 Conducted Power of Wi-Fi 2.4G

ANT1

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	13.19	12.73	12.42
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	14.96	14.46	14.55
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	16.35	15.85	15.85
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2422)	6(2437)	11(2452)
Average Power(dBm)	13.31	13.85	13.38
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	15.00	14.22	14.52
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	14.45	14.53	13.70

ANT2

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	17.18	17.56	17.44
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	19.49	19.54	19.76
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.81	21.11	21.22
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2422)	6(2437)	11(2452)
Average Power(dBm)	18.70	18.49	18.49
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	19.15	19.43	19.38
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	19.23	19.45	19.29

MIMO

Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	22.14	22.24	22.33
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	19.80	19.77	19.66
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.56	20.57	20.61
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	20.48	20.66	20.35

11.1.26 Conducted Power of Wi-Fi 5G

Ant 1						
Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	13.50±1.0	13.23	No
		48	5240	14.00±1.0	13.85	No
	802.11n-HT20	36	5180	13.50±1.0	13.41	No
		48	5240	14.50±1.0	14.36	No
	802.11n-HT40	38	5190	14.00±1.0	13.72	No
		46	5230	14.50±1.0	14.09	No
	802.11ac-VHT20	36	5180	14.50±1.0	14.05	No
		48	5240	15.00±1.0	14.70	Yes
	802.11ac-VHT40	38	5190	13.50±1.0	13.30	No
		46	5230	14.00±1.0	13.53	No
	802.11ac-VHT80	42	5210	12.50±1.0	12.08	No
	802.11ax-HT20	36	5180	12.50±1.0	12.08	No
		48	5240	14.00±1.0	13.52	No
	802.11ax-HT40	38	5190	13.50±1.0	13.44	No
		46	5230	14.00±1.0	13.58	No
	802.11ax-HT80	42	5210	14.00±1.0	13.58	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	14.00±1.0	13.56	No
		64	5320	13.00±1.0	12.52	No
	802.11n-HT20	52	5260	14.00±1.0	13.75	No
		64	5320	13.00±1.0	12.83	No
	802.11n-HT40	54	5270	14.50±1.0	14.10	Yes
		62	5310	13.00±1.0	12.71	No
	802.11ac-VHT20	52	5260	13.50±1.0	13.33	No
		64	5320	13.50±1.0	13.05	No
	802.11ac-VHT40	54	5270	13.50±1.0	13.34	No
		62	5310	13.00±1.0	12.78	No
	802.11ac-VHT80	58	5290	10.50±1.0	10.13	No
	802.11ax-HT20	52	5260	13.00±1.0	12.80	No
		64	5320	13.00±1.0	12.65	No
	802.11ax-HT40	54	5270	13.50±1.0	13.03	No
		62	5310	13.00±1.0	12.82	No
	802.11ax-HT80	58	5290	9.50±1.0	9.08	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	13.00±1.0	12.76	No
		140	5700	11.50±1.0	11.40	No
	802.11n-HT20	100	5500	13.50±1.0	13.05	No
		140	5700	13.00±1.0	12.70	No
	802.11n-HT40	102	5510	14.00±1.0	13.62	No
		134	5670	14.00±1.0	13.95	No
	802.11ac-VHT20	100	5500	14.50±1.0	14.00	Yes
		140	5700	13.00±1.0	12.94	No
	802.11ac-VHT40	102	5510	13.50±1.0	13.40	No
		134	5670	14.00±1.0	13.69	No
	802.11ac-VHT80	106	5530	10.50±1.0	10.39	No
		122	5610	10.50±1.0	10.10	No
	802.11ax-HT20	100	5500	13.50±1.0	13.24	No
		140	5700	13.00±1.0	12.59	No
	802.11ax-HT40	102	5510	10.50±1.0	10.04	No
		134	5670	11.00±1.0	10.69	No
	802.11ax-HT80	106	5530	13.00±1.0	12.76	No
		122	5610	11.50±1.0	11.40	No

Ant 1						
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power (dBm)	SAR Test (Yes/No)
U-NII-3 (5725-5825)	802.11a	149	5745	13.00±1.0	12.95	No
		165	5825	14.00±1.0	13.67	No
	802.11n-HT20	149	5745	13.50±1.0	13.38	No
		165	5825	14.50±1.0	14.18	No
	802.11n-HT40	151	5755	14.50±1.0	14.44	No
		159	5795	15.00±1.0	14.84	Yes
	802.11ac-VHT20	149	5745	14.50±1.0	14.31	No
		165	5825	15.00±1.0	14.79	No
	802.11ac-VHT40	151	5755	14.00±1.0	13.64	No
		159	5795	14.50±1.0	14.41	No
	802.11ac-VHT80	155	5775	12.00±1.0	11.62	No
		149	5745	13.50±1.0	13.41	No
	802.11ax-HT20	165	5825	13.00±1.0	13.00	No
		151	5755	13.50±1.0	13.44	No
	802.11ax-HT40	159	5795	14.00±1.0	13.53	No
		155	5775	11.00±1.0	10.77	No

11.1.27 Conducted Power of BT

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
			10.06	10.37	10.12
	GFSK	10.50	9.82	9.96	10.10
	π/4QPSK	10.50	9.83	9.93	10.15
	8DPSK	10.50			
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
			-2.07	-1.18	-2.16
	1Mbps	-1.00	-1.89	-1.24	-2.08
	2Mbps	-1.00			
Channel	Frequency (GHz)	Max. Tune-up Power (dBm)	Max. Power (dBm)	Exclusion thresholds for 1-g SAR(dBm)	SAR evaluation required
39	2.441	10.50	10.37	4.77	Yes
19	2.402	-1.00	-1.18	4.77	No

Note

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

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

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

where

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

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

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

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

11.1.28 Tune-up power tolerance

Band	Tune-up power tolerance(dBm)		
GSM850	GSM/GPRS (GMSK)	GSM	Max output power =33.00±1.0dBm
		1TXslots	Max output power =33.00±1.0dBm
		2TXslots	Max output power =32.00±1.0dBm
		3TXslots	Max output power =30.50±1.0dBm
	EGPRS (8-PSK)	4TXslots	Max output power =29.00±1.0dBm
		1TXslots	Max output power =33.00±1.0dBm
		2TXslots	Max output power =32.00±1.0dBm
		3TXslots	Max output power =30.50±1.0dBm
GSM1900	GSM/GPRS (GMSK)	4TXslots	Max output power =29.00±1.0dBm
		GSM	Max output power =29.50±1.0dBm
		1TXslots	Max output power =29.50±1.0dBm
		2TXslots	Max output power =28.50±1.0dBm
	EGPRS (8-PSK)	3TXslots	Max output power =27.00±1.0dBm
		4TXslots	Max output power =26.00±1.0dBm
		1TXslots	Max output power =29.50±1.0dBm
		2TXslots	Max output power =28.50±1.0dBm
WCDMA 2		3TXslots	Max output power =27.00±1.0dBm
WCDMA 4		4TXslots	Max output power =26.00±1.0dBm
WCDMA 5			
LTE B2			
LTE B4			
LTE B5			
LTE B7			
LTE B12			
LTE B17			
LTE B38			
LTE B41			
LTE B42			
LTE B66			
NR n5			
NR n7			
NR n12			
NR n38			
NR n41			
NR n66			
NR n71			
NR n77			
NR n77			
NR n77			
NR n78			
NR n78			
NR n78			

Band	Tune-up power tolerance(dBm)		
WIFI	2.4G (MAIN ANT1)	802.11b	Max output power =13.00±1.0dBm
		802.11g	Max output power =15.00±1.0dBm
		802.11n (HT20)	Max output power =16.50±1.0dBm
		802.11n (HT40)	Max output power =14.00±1.0dBm
		802.11ax20	Max output power =15.50±1.0dBm
		802.11ax40	Max output power =15.00±1.0dBm
	2.4G (MAIN ANT2)	802.11b	Max output power =18.00±1.0dBm
		802.11g	Max output power =20.00±1.0dBm
		802.11n (HT20)	Max output power =21.50±1.0dBm
		802.11n (HT40)	Max output power =19.00±1.0dBm
		802.11ax20	Max output power =19.50±1.0dBm
		802.11ax40	Max output power =19.00±1.0dBm
	2.4G (MAIN MIMO)	802.11b	Max output power =22.50±1.0dBm
		802.11g	Max output power =20.00±1.0dBm
		802.11n (HT20)	Max output power =21.00±1.0dBm
		802.11n (HT40)	Max output power =21.00±1.0dBm
		U-NII-1(5150-5250) Ant 1	802.11ac-VHT20 Max output power =15.00±1.0dBm
		U-NII-2a(5250-5350) Ant 1	802.11n (HT40) Max output power =14.50±1.0dBm
BT	GFSK mode		Max output power =10.50±1.0dBm
	π/4DQPSK mode		Max output power =10.50±1.0dBm
BLE	8DPSK mode		Max output power =10.50±1.0dBm
	1Mbps Power		Max output power =-1.00±1.0dBm
	2Mbps Power		Max output power =-1.00±1.0dBm

11.2 SAR test results

Notes:

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

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

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

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

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

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

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

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

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

(2) QPSK with 100% RB allocation

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

tested.

(3) Higher order modulations

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

(4) Other channel bandwidth

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

11.3 Test Result

11.3.1 Results overview of GSM

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 850 (voice)	Left Cheek	190	836.6	-0.020	0.185	100	1.00	32.62	33.00	1.091	0.202
	Left Tilt	190	836.6	0.050	0.097	100	1.00	32.62	33.00	1.091	0.106
	Right Cheek	190	836.6	-0.030	0.157	100	1.00	32.62	33.00	1.091	0.171
	Right Tilt	190	836.6	-0.020	0.083	100	1.00	32.62	33.00	1.091	0.091
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 850+4slots	Front	190	836.6	-0.080	0.357	100	1.00	32.62	33.00	1.091	0.390
	Back	190	836.6	-0.110	0.398	100	1.00	32.62	33.00	1.091	0.434
	Left	190	836.6	0.090	0.126	100	1.00	32.62	33.00	1.091	0.138
	right	190	836.6	-0.150	0.285	100	1.00	32.62	33.00	1.091	0.311
	Top	190	836.6	0.170	0.049	100	1.00	32.62	33.00	1.091	0.053
	Bottom	190	836.6	0.030	0.176	100	1.00	32.62	33.00	1.091	0.192

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	512	1850.2	0.030	0.056	100	1.00	29.15	29.50	1.084	0.061
	Left Tilt	512	1850.2	-0.130	0.040	100	1.00	29.15	29.50	1.084	0.043
	Right Cheek	512	1850.2	-0.080	0.056	100	1.00	29.15	29.50	1.084	0.061
	Right Tilt	512	1850.2	0.150	0.038	100	1.00	29.15	29.50	1.084	0.041
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	512	1850.2	-0.05	0.433	100	1.00	29.15	29.50	1.084	0.469
	Back	512	1850.2	0.02	0.495	100	1.00	29.15	29.50	1.084	0.537
	Left	512	1850.2	-0.01	0.294	100	1.00	29.15	29.50	1.084	0.319
	right	512	1850.2	0.03	0.128	100	1.00	29.15	29.50	1.084	0.139
	Top	512	1850.2	0.14	0.021	100	1.00	29.15	29.50	1.084	0.023
	Bottom	512	1850.2	-0.03	0.386	100	1.00	29.15	29.50	1.084	0.418

11.3.2 Results overview of WCDMA

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Left Cheek	9262	1852.4	-0.050	0.023	100	1.00	24.07	24.50	1.104	0.025
	Left Tilt	9262	1852.4	-0.120	0.014	100	1.00	24.07	24.50	1.104	0.015
	Right Cheek	9262	1852.4	-0.030	0.029	100	1.00	24.07	24.50	1.104	0.032
	Right Tilt	9262	1852.4	-0.110	0.016	100	1.00	24.07	24.50	1.104	0.018
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Front	9262	1852.4	0.050	0.169	100	1.00	24.07	24.50	1.104	0.187
	Back	9262	1852.4	0.000	0.252	100	1.00	24.07	24.50	1.104	0.278
	Left	9262	1852.4	-0.060	0.118	100	1.00	24.07	24.50	1.104	0.130
	right	9262	1852.4	-0.040	0.037	100	1.00	24.07	24.50	1.104	0.041
	Top	9262	1852.4	0.080	0.003	100	1.00	24.07	24.50	1.104	0.003
	Bottom	9262	1852.4	-0.010	0.146	100	1.00	24.07	24.50	1.104	0.161

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Left Cheek	1312	1712.4	0.010	0.037	100	1.00	24.05	24.50	1.109	0.041
	Left Tilt	1312	1712.4	0.160	0.026	100	1.00	24.05	24.50	1.109	0.029
	Right Cheek	1312	1712.4	-0.030	0.045	100	1.00	24.05	24.50	1.109	0.050
	Right Tilt	1312	1712.4	-0.160	0.034	100	1.00	24.05	24.50	1.109	0.038
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Front	1312	1712.4	0.030	0.218	100	1.00	24.05	24.50	1.109	0.242
	Back	1312	1712.4	-0.020	0.303	100	1.00	24.05	24.50	1.109	0.336
	Left	1312	1712.4	0.010	0.159	100	1.00	24.05	24.50	1.109	0.176
	right	1312	1712.4	-0.080	0.057	100	1.00	24.05	24.50	1.109	0.063
	Top	1312	1712.4	-0.150	0.008	100	1.00	24.05	24.50	1.109	0.009
	Bottom	1312	1712.4	-0.010	0.173	100	1.00	24.05	24.50	1.109	0.192

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	4233	846.6	-0.110	0.123	100	1.00	25.63	26.00	1.089	0.134
	Left Tilt	4233	846.6	0.090	0.052	100	1.00	25.63	26.00	1.089	0.057
	Right Cheek	4233	846.6	0.000	0.127	100	1.00	25.63	26.00	1.089	0.138
	Right Tilt	4233	846.6	-0.020	0.065	100	1.00	25.63	26.00	1.089	0.071
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	4233	846.6	0.030	0.225	100	1.00	25.63	26.00	1.089	0.245
	Back	4233	846.6	-0.010	0.330	100	1.00	25.63	26.00	1.089	0.359
	Left	4233	846.6	-0.120	0.163	100	1.00	25.63	26.00	1.089	0.177
	right	4233	846.6	0.060	0.096	100	1.00	25.63	26.00	1.089	0.105
	Top	4233	846.6	0.080	0.032	100	1.00	25.63	26.00	1.089	0.035
	Bottom	4233	846.6	-0.160	0.159	100	1.00	25.63	26.00	1.089	0.173

11.3.3 Results overview of LTE

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Left Cheek	18700	1860.0	0.000	0.027	100	1.00	23.55	24.00	1.109	0.030
		Left Tilt	18700	1860.0	0.090	0.017	100	1.00	23.55	24.00	1.109	0.019
		Right Cheek	18700	1860.0	0.080	0.031	100	1.00	23.55	24.00	1.109	0.034
		Right Tilt	18700	1860.0	0.020	0.020	100	1.00	23.55	24.00	1.109	0.022
	50%RB	Left Cheek	18700	1860.0	0.030	0.018	100	1.00	23.55	24.00	1.109	0.020
		Left Tilt	18700	1860.0	0.060	0.010	100	1.00	23.55	24.00	1.109	0.011
		Right Cheek	18700	1860.0	0.080	0.026	100	1.00	23.55	24.00	1.109	0.029
		Right Tilt	18700	1860.0	-0.060	0.013	100	1.00	23.55	24.00	1.109	0.014
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Front	18700	1860.0	-0.030	0.163	100	1.00	23.55	24.00	1.109	0.181
		Back	18700	1860.0	-0.020	0.255	100	1.00	23.55	24.00	1.109	0.283
		Left	18700	1860.0	-0.080	0.119	100	1.00	23.55	24.00	1.109	0.132
		right	18700	1860.0	-0.010	0.041	100	1.00	23.55	24.00	1.109	0.045
		Top	18700	1860.0	0.002	0.005	100	1.00	23.55	24.00	1.109	0.006
		Bottom	18700	1860.0	-0.040	0.175	100	1.00	23.55	24.00	1.109	0.194
	50%RB	Front	18700	1860.0	-0.050	0.141	100	1.00	23.55	24.00	1.109	0.156
		Back	18700	1860.0	0.020	0.230	100	1.00	23.55	24.00	1.109	0.255
		Left	18700	1860.0	0.060	0.105	100	1.00	23.55	24.00	1.109	0.116
		right	18700	1860.0	-0.140	0.034	100	1.00	23.55	24.00	1.109	0.038
		Top	18700	1860.0	-0.010	0.003	100	1.00	23.55	24.00	1.109	0.003
		Bottom	18700	1860.0	0.030	0.152	100	1.00	23.55	24.00	1.109	0.169

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Left Cheek	20325	1747.5	-0.110	0.029	100	1.00	23.72	24.00	1.067	0.031
		Left Tilt	20325	1747.5	-0.030	0.012	100	1.00	23.72	24.00	1.067	0.013
		Right Cheek	20325	1747.5	0.090	0.032	100	1.00	23.72	24.00	1.067	0.034
		Right Tilt	20325	1747.5	0.070	0.015	100	1.00	23.72	24.00	1.067	0.016
	50%RB	Left Cheek	20325	1747.5	-0.030	0.024	100	1.00	23.72	24.00	1.067	0.026
		Left Tilt	20325	1747.5	0.080	0.006	100	1.00	23.72	24.00	1.067	0.006
		Right Cheek	20325	1747.5	0.040	0.025	100	1.00	23.72	24.00	1.067	0.027
		Right Tilt	20325	1747.5	-0.010	0.009	100	1.00	23.72	24.00	1.067	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)
Band 4 (BW: 20MHz)	1RB	Front	20325	1747.5	0.060	0.161	100	1.00	23.72	24.00	1.067	0.172
		Back	20325	1747.5	-0.030	0.243	100	1.00	23.72	24.00	1.067	0.259
		Left	20325	1747.5	-0.040	0.116	100	1.00	23.72	24.00	1.067	0.124
		right	20325	1747.5	0.020	0.041	100	1.00	23.72	24.00	1.067	0.044
		Top	20325	1747.5	-0.090	0.005	100	1.00	23.72	24.00	1.067	0.005
		Bottom	20325	1747.5	-0.010	0.168	100	1.00	23.72	24.00	1.067	0.179
	50%RB	Front	20325	1747.5	-0.050	0.152	100	1.00	23.72	24.00	1.067	0.162
		Back	20325	1747.5	0.060	0.203	100	1.00	23.72	24.00	1.067	0.217
		Left	20325	1747.5	0.040	0.103	100	1.00	23.72	24.00	1.067	0.110
		right	20325	1747.5	0.080	0.037	100	1.00	23.72	24.00	1.067	0.039
		Top	20325	1747.5	-0.020	0.003	100	1.00	23.72	24.00	1.067	0.003
		Bottom	20325	1747.5	-0.030	0.165	100	1.00	23.72	24.00	1.067	0.176

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	20425	826.5	-0.010	0.103	100	1.00	23.98	24.00	1.005	0.103
		Left Tilt	20425	826.5	0.040	0.062	100	1.00	23.98	24.00	1.005	0.062
		Right Cheek	20425	826.5	0.000	0.095	100	1.00	23.98	24.00	1.005	0.095
		Right Tilt	20425	826.5	-0.010	0.050	100	1.00	23.98	24.00	1.005	0.050
	50%RB	Left Cheek	20425	826.5	-0.020	0.094	100	1.00	23.98	24.00	1.005	0.094
		Left Tilt	20425	826.5	0.040	0.056	100	1.00	23.98	24.00	1.005	0.056
		Right Cheek	20425	826.5	0.080	0.082	100	1.00	23.98	24.00	1.005	0.082
		Right Tilt	20425	826.5	-0.030	0.042	100	1.00	23.98	24.00	1.005	0.042
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	20425	826.5	0.050	0.183	100	1.00	23.98	24.00	1.005	0.184
		Back	20425	826.5	-0.020	0.277	100	1.00	23.98	24.00	1.005	0.278
		Left	20425	826.5	-0.020	0.068	100	1.00	23.98	24.00	1.005	0.068
		Right	20425	826.5	-0.010	0.136	100	1.00	23.98	24.00	1.005	0.137
		Top	20425	826.5	0.030	0.023	100	1.00	23.98	24.00	1.005	0.023
		Bottom	20425	826.5	0.060	0.205	100	1.00	23.98	24.00	1.005	0.206
	50%RB	Front	20425	826.5	-0.090	0.168	100	1.00	23.98	24.00	1.005	0.169
		Back	20425	826.5	-0.020	0.216	100	1.00	23.98	24.00	1.005	0.217
		Left	20425	826.5	0.040	0.055	100	1.00	23.98	24.00	1.005	0.055
		Right	20425	826.5	-0.050	0.127	100	1.00	23.98	24.00	1.005	0.128
		Top	20425	826.5	0.060	0.016	100	1.00	23.98	24.00	1.005	0.016
		Bottom	20425	826.5	-0.070	0.171	100	1.00	23.98	24.00	1.005	0.172

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	21375	2562.5	0.110	0.030	100	1.00	23.07	23.50	1.104	0.033
		Left Tilt	21375	2562.5	0.070	0.015	100	1.00	23.07	23.50	1.104	0.017
		Right Cheek	21375	2562.5	0.190	0.017	100	1.00	23.07	23.50	1.104	0.019
		Right Tilt	21375	2562.5	0.030	0.007	100	1.00	23.07	23.50	1.104	0.008
	50%RB	Left Cheek	21375	2562.5	0.050	0.023	100	1.00	23.07	23.50	1.104	0.025
		Left Tilt	21375	2562.5	-0.020	0.010	100	1.00	23.07	23.50	1.104	0.011
		Right Cheek	21375	2562.5	-0.070	0.013	100	1.00	23.07	23.50	1.104	0.014
		Right Tilt	21375	2562.5	-0.010	0.003	100	1.00	23.07	23.50	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)
Band 7 (BW: 20MHz)	1RB	Front	21375	2562.5	0.050	0.138	100	1.00	23.07	23.50	1.104	0.152
		Back	21375	2562.5	-0.010	0.193	100	1.00	23.07	23.50	1.104	0.213
		Left	21375	2562.5	0.020	0.112	100	1.00	23.07	23.50	1.104	0.124
		Right	21375	2562.5	-0.040	0.035	100	1.00	23.07	23.50	1.104	0.039
		Top	21375	2562.5	-0.080	0.005	100	1.00	23.07	23.50	1.104	0.006
		Bottom	21375	2562.5	-0.030	0.155	100	1.00	23.07	23.50	1.104	0.171
	50%RB	Front	21375	2562.5	0.010	0.125	100	1.00	23.07	23.50	1.104	0.138
		Back	21375	2562.5	-0.060	0.172	100	1.00	23.07	23.50	1.104	0.190
		Left	21375	2562.5	-0.030	0.103	100	1.00	23.07	23.50	1.104	0.114
		Right	21375	2562.5	0.020	0.029	100	1.00	23.07	23.50	1.104	0.032
		Top	21375	2562.5	-0.170	0.002	100	1.00	23.07	23.50	1.104	0.002
		Bottom	21375	2562.5	0.020	0.146	100	1.00	23.07	23.50	1.104	0.161

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	23035	701.5	-0.030	0.042	100	1.00	24.30	24.50	1.047	0.044
		Left Tilt	23035	701.5	-0.090	0.018	100	1.00	24.30	24.50	1.047	0.019
		Right Cheek	23035	701.5	0.060	0.046	100	1.00	24.30	24.50	1.047	0.048
		Right Tilt	23035	701.5	-0.050	0.024	100	1.00	24.30	24.50	1.047	0.025
	50%RB	Left Cheek	23035	701.5	0.160	0.038	100	1.00	24.30	24.50	1.047	0.040
		Left Tilt	23035	701.5	0.030	0.015	100	1.00	24.30	24.50	1.047	0.016
		Right Cheek	23035	701.5	0.020	0.043	100	1.00	24.30	24.50	1.047	0.045
		Right Tilt	23035	701.5	-0.060	0.021	100	1.00	24.30	24.50	1.047	0.022
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 12 (BW: 10MHz)	1RB	Front	23035	701.5	-0.050	0.147	100	1.00	24.30	24.50	1.047	0.154
		Back	23035	701.5	-0.020	0.181	100	1.00	24.30	24.50	1.047	0.190
		Left	23035	701.5	0.180	0.051	100	1.00	24.30	24.50	1.047	0.053
		Right	23035	701.5	0.110	0.099	100	1.00	24.30	24.50	1.047	0.104
		Top	23035	701.5	0.000	0.014	100	1.00	24.30	24.50	1.047	0.015
		Bottom	23035	701.5	0.130	0.105	100	1.00	24.30	24.50	1.047	0.110
	50%RB	Front	23035	701.5	0.080	0.141	100	1.00	24.30	24.50	1.047	0.148
		Back	23035	701.5	-0.070	0.176	100	1.00	24.30	24.50	1.047	0.184
		Left	23035	701.5	0.030	0.049	100	1.00	24.30	24.50	1.047	0.051
		Right	23035	701.5	-0.050	0.096	100	1.00	24.30	24.50	1.047	0.101
		Top	23035	701.5	-0.090	0.011	100	1.00	24.30	24.50	1.047	0.012
		Bottom	23035	701.5	0.080	0.101	100	1.00	24.30	24.50	1.047	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)
Band 17 (BW: 10MHz)	1RB	Left Cheek	23825	713.5	0.020	0.044	100	1.00	24.17	24.50	1.079	0.047
		Left Tilt	23825	713.5	-0.110	0.016	100	1.00	24.17	24.50	1.079	0.017
		Right Cheek	23825	713.5	0.000	0.047	100	1.00	24.17	24.50	1.079	0.051
		Right Tilt	23825	713.5	-0.160	0.026	100	1.00	24.17	24.50	1.079	0.028
	50%RB	Left Cheek	23825	713.5	-0.080	0.041	100	1.00	24.17	24.50	1.079	0.044
		Left Tilt	23825	713.5	0.010	0.017	100	1.00	24.17	24.50	1.079	0.018
		Right Cheek	23825	713.5	-0.060	0.045	100	1.00	24.17	24.50	1.079	0.049
		Right Tilt	23825	713.5	0.120	0.022	100	1.00	24.17	24.50	1.079	0.024
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 17 (BW: 10MHz)	1RB	Front	23825	713.5	0.130	0.162	100	1.00	24.17	24.50	1.079	0.175
		Back	23825	713.5	-0.020	0.191	100	1.00	24.17	24.50	1.079	0.206
		Left	23825	713.5	-0.060	0.048	100	1.00	24.17	24.50	1.079	0.052
		Right	23825	713.5	0.090	0.107	100	1.00	24.17	24.50	1.079	0.115
		Top	23825	713.5	0.140	0.011	100	1.00	24.17	24.50	1.079	0.012
		Bottom	23825	713.5	0.080	0.115	100	1.00	24.17	24.50	1.079	0.124
	50%RB	Front	23825	713.5	0.030	0.159	100	1.00	24.17	24.50	1.079	0.172
		Back	23825	713.5	0.150	0.187	100	1.00	24.17	24.50	1.079	0.202
		Left	23825	713.5	0.080	0.046	100	1.00	24.17	24.50	1.079	0.050
		Right	23825	713.5	0.170	0.103	100	1.00	24.17	24.50	1.079	0.111
		Top	23825	713.5	-0.010	0.010	100	1.00	24.17	24.50	1.079	0.011
		Bottom	23825	713.5	0.030	0.111	100	1.00	24.17	24.50	1.079	0.120

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	38175	2612.5	0.090	0.055	100	1.00	23.20	23.50	1.072	0.059
		Left Tilt	38175	2612.5	-0.010	0.022	100	1.00	23.20	23.50	1.072	0.024
		Right Cheek	38175	2612.5	-0.020	0.031	100	1.00	23.20	23.50	1.072	0.033
		Right Tilt	38175	2612.5	-0.090	0.019	100	1.00	23.20	23.50	1.072	0.020
	50%RB	Left Cheek	38175	2612.5	0.110	0.051	100	1.00	23.20	23.50	1.072	0.055
		Left Tilt	38175	2612.5	0.060	0.020	100	1.00	23.20	23.50	1.072	0.021
		Right Cheek	38175	2612.5	0.080	0.035	100	1.00	23.20	23.50	1.072	0.038
		Right Tilt	38175	2612.5	-0.110	0.016	100	1.00	23.20	23.50	1.072	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)
Band 38 (BW: 20MHz)	1RB	Front	38175	2612.5	0.030	0.349	100	1.00	23.20	23.50	1.072	0.374
		Back	38175	2612.5	-0.090	0.436	100	1.00	23.20	23.50	1.072	0.467
		Left	38175	2612.5	0.070	0.124	100	1.00	23.20	23.50	1.072	0.133
		Right	38175	2612.5	-0.180	0.315	100	1.00	23.20	23.50	1.072	0.338
		Top	38175	2612.5	0.010	0.015	100	1.00	23.20	23.50	1.072	0.016
		Bottom	38175	2612.5	0.050	0.291	100	1.00	23.20	23.50	1.072	0.312
	50%RB	Front	38175	2612.5	0.080	0.339	100	1.00	23.20	23.50	1.072	0.363
		Back	38175	2612.5	0.010	0.415	100	1.00	23.20	23.50	1.072	0.445
		Left	38175	2612.5	-0.030	0.116	100	1.00	23.20	23.50	1.072	0.124
		Right	38175	2612.5	0.140	0.304	100	1.00	23.20	23.50	1.072	0.326
		Top	38175	2612.5	-0.050	0.019	100	1.00	23.20	23.50	1.072	0.020
		Bottom	38175	2612.5	0.070	0.278	100	1.00	23.20	23.50	1.072	0.298

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	-0.040	0.061	100	1.00	23.25	23.50	1.059	0.065
		Left Tilt	40620	2593.0	-0.020	0.042	100	1.00	23.25	23.50	1.059	0.044
		Right Cheek	40620	2593.0	0.050	0.033	100	1.00	23.25	23.50	1.059	0.035
		Right Tilt	40620	2593.0	-0.040	0.023	100	1.00	23.25	23.50	1.059	0.024
		Left Cheek	39750	2506.0	-0.100	0.055	100	1.00	23.25	23.50	1.059	0.058
		Left Cheek	40185	2549.5	0.040	0.064	100	1.00	23.25	23.50	1.059	0.068
		Left Cheek	41055	2636.5	-0.160	0.048	100	1.00	23.25	23.50	1.059	0.051
5MHZ		Left Cheek	41490	2680.0	-0.030	0.036	100	1.00	23.25	23.50	1.059	0.038
10MHZ												
15MHZ												
20MHZ												
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	1RB	Front	40620	2593.0	-0.050	0.166	100	1.00	23.25	23.50	1.059	0.176
		Back	40620	2593.0	-0.070	0.260	100	1.00	23.25	23.50	1.059	0.275
		Left	40620	2593.0	-0.040	0.175	100	1.00	23.25	23.50	1.059	0.185
		Right	40620	2593.0	0.060	0.058	100	1.00	23.25	23.50	1.059	0.061
		Top	40620	2593.0	0.050	0.014	100	1.00	23.25	23.50	1.059	0.015
		Bottom	40620	2593.0	0.070	0.228	100	1.00	23.25	23.50	1.059	0.242
		Back	39750	2506.0	-0.020	0.284	100	1.00	23.25	23.50	1.059	0.301
5MHZ		Back	40185	2549.5	-0.040	0.319	100	1.00	23.25	23.50	1.059	0.338
10MHZ		Back	41055	2636.5	-0.030	0.271	100	1.00	23.25	23.50	1.059	0.287
15MHZ		Back	41490	2680.0	-0.060	0.213	100	1.00	23.25	23.50	1.059	0.226
20MHZ												

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	50%RB	Left Cheek	40620	2593.0	-0.050	0.048	100	1.00	23.25	23.50	1.059	0.051
		Left Tilt	40620	2593.0	-0.040	0.035	100	1.00	23.25	23.50	1.059	0.037
		Right Cheek	40620	2593.0	0.030	0.029	100	1.00	23.25	23.50	1.059	0.031
		Right Tilt	40620	2593.0	0.050	0.020	100	1.00	23.25	23.50	1.059	0.021
		Left Cheek	39750	2506.0	-0.040	0.039	100	1.00	23.25	23.50	1.059	0.041
		Left Cheek	40185	2549.5	-0.060	0.055	100	1.00	23.25	23.50	1.059	0.058
		Left Cheek	41055	2636.5	-0.070	0.041	100	1.00	23.25	23.50	1.059	0.043
5MHZ		Left Cheek	41490	2680.0	0.030	0.033	100	1.00	23.25	23.50	1.059	0.035
10MHZ												
15MHZ												
20MHZ												
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	50%RB	Front	40620	2593.0	-0.040	0.142	100	1.00	23.25	23.50	1.059	0.150
		Back	40620	2593.0	0.090	0.239	100	1.00	23.25	23.50	1.059	0.253
		Left	40620	2593.0	-0.040	0.148	100	1.00	23.25	23.50	1.059	0.157
		Right	40620	2593.0	0.060	0.051	100	1.00	23.25	23.50	1.059	0.054
		Top	40620	2593.0	0.070	0.010	100	1.00	23.25	23.50	1.059	0.011
		Bottom	40620	2593.0	-0.050	0.185	100	1.00	23.25	23.50	1.059	0.196
		Back	39750	2506.0	-0.010	0.267	100	1.00	23.25	23.50	1.059	0.283
5MHZ		Back	40185	2549.5	-0.070	0.284	100	1.00	23.25	23.50	1.059	0.301
10MHZ		Back	41055	2636.5	0.050	0.263	100	1.00	23.25	23.50	1.059	0.279
15MHZ		Back	41490	2680.0	0.020	0.194	100	1.00	23.25	23.50	1.059	0.205
20MHZ												

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	42190	3460.0	-0.090	0.105	100	1.00	20.83	21.00	1.040	0.109
		Left Tilt	42190	3460.0	0.020	0.196	100	1.00	20.83	21.00	1.040	0.204
		Right Cheek	42190	3460.0	-0.050	0.217	100	1.00	20.83	21.00	1.040	0.226
		Right Tilt	42190	3460.0	-0.170	0.562	100	1.00	20.83	21.00	1.040	0.584
	50%RB	Left Cheek	42190	3460.0	-0.060	0.063	100	1.00	20.83	21.00	1.040	0.066
		Left Tilt	42190	3460.0	0.050	0.116	100	1.00	20.83	21.00	1.040	0.121
		Right Cheek	42190	3460.0	0.010	0.154	100	1.00	20.83	21.00	1.040	0.160
		Right Tilt	42190	3460.0	-0.050	0.472	100	1.00	20.83	21.00	1.040	0.491
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 42 (BW: 20MHz)	1RB	Front	42190	3460.0	-0.040	0.064	100	1.00	20.83	21.00	1.040	0.067
		Back	42190	3460.0	-0.160	0.084	100	1.00	20.83	21.00	1.040	0.087
		Left	42190	3460.0	0.003	0.056	100	1.00	20.83	21.00	1.040	0.058
		Right	42190	3460.0	-0.050	0.016	100	1.00	20.83	21.00	1.040	0.017
		Top	42190	3460.0	-0.010	0.069	100	1.00	20.83	21.00	1.040	0.072
		Bottom	42190	3460.0	-0.130	0.003	100	1.00	20.83	21.00	1.040	0.003
	50%RB	Front	42190	3460.0	0.060	0.057	100	1.00	20.83	21.00	1.040	0.059
		Back	42190	3460.0	-0.040	0.073	100	1.00	20.83	21.00	1.040	0.076
		Left	42190	3460.0	-0.010	0.041	100	1.00	20.83	21.00	1.040	0.043
		Right	42190	3460.0	0.030	0.009	100	1.00	20.83	21.00	1.040	0.009
		Top	42190	3460.0	0.010	0.063	100	1.00	20.83	21.00	1.040	0.066
		Bottom	42190	3460.0	0.050	0.002	100	1.00	20.83	21.00	1.040	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 66 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	0.150	0.032	100	1.00	23.54	24.00	1.112	0.036
		Left Tilt	132322	1755.0	0.140	0.015	100	1.00	23.54	24.00	1.112	0.017
		Right Cheek	132322	1755.0	0.070	0.028	100	1.00	23.54	24.00	1.112	0.031
		Right Tilt	132322	1755.0	-0.040	0.010	100	1.00	23.54	24.00	1.112	0.011
	50%RB	Left Cheek	132322	1755.0	0.160	0.025	100	1.00	23.54	24.00	1.112	0.028
		Left Tilt	132322	1755.0	-0.050	0.010	100	1.00	23.54	24.00	1.112	0.011
		Right Cheek	132322	1755.0	0.080	0.022	100	1.00	23.54	24.00	1.112	0.024
		Right Tilt	132322	1755.0	-0.030	0.004	100	1.00	23.54	24.00	1.112	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)
Band 66 (BW: 20MHz)	1RB	Front	132322	1755.0	-0.050	0.16	100	1.00	23.54	24.00	1.112	0.178
		Back	132322	1755.0	-0.010	0.269	100	1.00	23.54	24.00	1.112	0.299
		Left	132322	1755.0	0.030	0.109	100	1.00	23.54	24.00	1.112	0.121
		Right	132322	1755.0	-0.020	0.032	100	1.00	23.54	24.00	1.112	0.036
		Top	132322	1755.0	0.030	0.168	100	1.00	23.54	24.00	1.112	0.187
		Bottom	132322	1755.0	-0.010	0.013	100	1.00	23.54	24.00	1.112	0.014
	50%RB	Front	132322	1755.0	-0.030	0.131	100	1.00	23.54	24.00	1.112	0.146
		Back	132322	1755.0	0.020	0.233	100	1.00	23.54	24.00	1.112	0.259
		Left	132322	1755.0	0.010	0.096	100	1.00	23.54	24.00	1.112	0.107
		Right	132322	1755.0	-0.040	0.025	100	1.00	23.54	24.00	1.112	0.028
		Top	132322	1755.0	-0.090	0.149	100	1.00	23.54	24.00	1.112	0.166
		Bottom	132322	1755.0	0.030	0.009	100	1.00	23.54	24.00	1.112	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 n5 (BW: 20MHz)	1RB	Left Cheek	165800	829.0	-0.050	0.120	100	1.00	24.01	24.50	1.119	0.134
		Left Tilt	165800	829.0	0.070	0.056	100	1.00	24.01	24.50	1.119	0.063
		Right Cheek	165800	829.0	0.080	0.098	100	1.00	24.01	24.50	1.119	0.110
		Right Tilt	165800	829.0	0.150	0.049	100	1.00	24.01	24.50	1.119	0.055
	50%RB	Left Cheek	165800	829.0	-0.120	0.092	100	1.00	24.01	24.50	1.119	0.103
		Left Tilt	165800	829.0	0.110	0.039	100	1.00	24.01	24.50	1.119	0.044
		Right Cheek	165800	829.0	0.050	0.073	100	1.00	24.01	24.50	1.119	0.082
		Right Tilt	165800	829.0	0.070	0.033	100	1.00	24.01	24.50	1.119	0.037
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n5 (BW: 20MHz)	1RB	Front	165800	829.0	0.070	0.176	100	1.00	24.01	24.50	1.119	0.197
		Back	165800	829.0	-0.070	0.233	100	1.00	24.01	24.50	1.119	0.261
		Left	165800	829.0	0.130	0.079	100	1.00	24.01	24.50	1.119	0.088
		Right	165800	829.0	-0.150	0.028	100	1.00	24.01	24.50	1.119	0.031
		Top	165800	829.0	-0.040	0.014	100	1.00	24.01	24.50	1.119	0.016
		Bottom	165800	829.0	-0.160	0.085	100	1.00	24.01	24.50	1.119	0.095
	50%RB	Front	165800	829.0	-0.180	0.087	100	1.00	24.01	24.50	1.119	0.097
		Back	165800	829.0	0.060	0.129	100	1.00	24.01	24.50	1.119	0.144
		Left	165800	829.0	0.120	0.035	100	1.00	24.01	24.50	1.119	0.039
		167300	165800	829.0	-0.130	0.014	100	1.00	24.01	24.50	1.119	0.016
		167300	165800	829.0	-0.080	0.005	100	1.00	24.01	24.50	1.119	0.006
		167300	165800	829.0	0.040	0.046	100	1.00	24.01	24.50	1.119	0.051

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n7 (BW: 20MHz)	1RB	Left Cheek	500500	2505.0	0.200	0.151	100	1.00	23.23	23.50	1.064	0.161
		Left Tilt	500500	2505.0	-0.120	0.086	100	1.00	23.23	23.50	1.064	0.092
		Right Cheek	500500	2505.0	0.090	0.102	100	1.00	23.23	23.50	1.064	0.109
		Right Tilt	500500	2505.0	0.150	0.065	100	1.00	23.23	23.50	1.064	0.069
	50%RB	Left Cheek	500500	2505.0	-0.070	0.079	100	1.00	23.23	23.50	1.064	0.084
		Left Tilt	500500	2505.0	-0.120	0.038	100	1.00	23.23	23.50	1.064	0.040
		Right Cheek	500500	2505.0	0.050	0.052	100	1.00	23.23	23.50	1.064	0.055
		Right Tilt	500500	2505.0	0.030	0.029	100	1.00	23.23	23.50	1.064	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)
NR n7 (BW: 20MHz)	1RB	Front	500500	2505.0	-0.170	0.126	100	1.00	23.23	23.50	1.064	0.134
		Back	500500	2505.0	-0.100	0.240	100	1.00	23.23	23.50	1.064	0.255
		Left	500500	2505.0	0.130	0.063	100	1.00	23.23	23.50	1.064	0.067
		Right	500500	2505.0	0.050	0.024	100	1.00	23.23	23.50	1.064	0.026
		Top	500500	2505.0	-0.170	0.015	100	1.00	23.23	23.50	1.064	0.016
		Bottom	500500	2505.0	0.060	0.079	100	1.00	23.23	23.50	1.064	0.084
	50%RB	Front	500500	2505.0	0.010	0.061	100	1.00	23.23	23.50	1.064	0.065
		Back	500500	2505.0	-0.140	0.124	100	1.00	23.23	23.50	1.064	0.132
		Left	500500	2505.0	-0.110	0.028	100	1.00	23.23	23.50	1.064	0.030
		Right	500500	2505.0	-0.030	0.013	100	1.00	23.23	23.50	1.064	0.014
		Top	500500	2505.0	0.070	0.006	100	1.00	23.23	23.50	1.064	0.006
		Bottom	500500	2505.0	0.190	0.035	100	1.00	23.23	23.50	1.064	0.037

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n12 (BW: 15MHz)	1RB	Left Cheek	140800	704.0	-0.010	0.059	100	1.00	24.19	24.50	1.074	0.063
		Left Tilt	140800	704.0	-0.210	0.027	100	1.00	24.19	24.50	1.074	0.029
		Right Cheek	140800	704.0	-0.040	0.052	100	1.00	24.19	24.50	1.074	0.056
		Right Tilt	140800	704.0	0.120	0.023	100	1.00	24.19	24.50	1.074	0.025
	50%RB	Left Cheek	140800	704.0	-0.080	0.040	100	1.00	24.19	24.50	1.074	0.043
		Left Tilt	140800	704.0	0.050	0.019	100	1.00	24.19	24.50	1.074	0.020
		Right Cheek	140800	704.0	0.100	0.035	100	1.00	24.19	24.50	1.074	0.038
		Right Tilt	140800	704.0	0.170	0.016	100	1.00	24.19	24.50	1.074	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 n12 (BW: 15MHz)	1RB	Front	140800	704.0	-0.130	0.092	100	1.00	24.19	24.50	1.074	0.099
		Back	140800	704.0	-0.080	0.154	100	1.00	24.19	24.50	1.074	0.165
		Left	140800	704.0	0.060	0.054	100	1.00	24.19	24.50	1.074	0.058
		Right	140800	704.0	-0.070	0.012	100	1.00	24.19	24.50	1.074	0.013
		Top	140800	704.0	0.150	0.020	100	1.00	24.19	24.50	1.074	0.021
		Bottom	140800	704.0	0.040	0.048	100	1.00	24.19	24.50	1.074	0.052
	50%RB	Front	140800	704.0	-0.130	0.052	100	1.00	24.19	24.50	1.074	0.056
		Back	140800	704.0	0.190	0.079	100	1.00	24.19	24.50	1.074	0.085
		Left	140800	704.0	0.060	0.031	100	1.00	24.19	24.50	1.074	0.033
		Right	140800	704.0	-0.070	0.006	100	1.00	24.19	24.50	1.074	0.006
		Top	140800	704.0	-0.150	0.003	100	1.00	24.19	24.50	1.074	0.003
		Bottom	140800	704.0	0.040	0.041	100	1.00	24.19	24.50	1.074	0.044

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	51900	2595.0	0.190	0.027	100	1.00	23.21	23.50	1.069	0.029
		Left Tilt	51900	2595.0	0.030	0.016	100	1.00	23.21	23.50	1.069	0.017
		Right Cheek	51900	2595.0	0.180	0.021	100	1.00	23.21	23.50	1.069	0.022
		Right Tilt	51900	2595.0	-0.060	0.011	100	1.00	23.21	23.50	1.069	0.012
	50%RB	Left Cheek	51900	2595.0	0.020	0.014	100	1.00	23.21	23.50	1.069	0.015
		Left Tilt	51900	2595.0	-0.170	0.009	100	1.00	23.21	23.50	1.069	0.010
		Right Cheek	51900	2595.0	0.060	0.013	100	1.00	23.21	23.50	1.069	0.014
		Right Tilt	51900	2595.0	0.050	0.007	100	1.00	23.21	23.50	1.069	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 n38 (BW: 20MHz)	1RB	Front	51900	2595.0	-0.110	0.152	100	1.00	23.21	23.50	1.069	0.162
		Back	51900	2595.0	-0.090	0.174	100	1.00	23.21	23.50	1.069	0.186
		Left	51900	2595.0	0.130	0.131	100	1.00	23.21	23.50	1.069	0.140
		Right	51900	2595.0	0.070	0.027	100	1.00	23.21	23.50	1.069	0.029
		Top	51900	2595.0	-0.150	0.102	100	1.00	23.21	23.50	1.069	0.109
		Bottom	51900	2595.0	0.060	0.019	100	1.00	23.21	23.50	1.069	0.020
	50%RB	Front	51900	2595.0	-0.120	0.098	100	1.00	23.21	23.50	1.069	0.105
		Back	51900	2595.0	0.100	0.149	100	1.00	23.21	23.50	1.069	0.159
		Left	51900	2595.0	0.070	0.067	100	1.00	23.21	23.50	1.069	0.072
		Right	51900	2595.0	0.140	0.018	100	1.00	23.21	23.50	1.069	0.019
		Top	51900	2595.0	0.050	0.061	100	1.00	23.21	23.50	1.069	0.065
		Bottom	51900	2595.0	-0.190	0.022	100	1.00	23.21	23.50	1.069	0.024

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:100MHz)	1RB	Left Cheek	501204	2506.0	0.200	0.029	100	1.00	23.31	23.50	1.045	0.030
		Left Tilt	501204	2506.0	0.190	0.013	100	1.00	23.31	23.50	1.045	0.014
		Right Cheek	501204	2506.0	0.110	0.014	100	1.00	23.31	23.50	1.045	0.015
		Right Tilt	501204	2506.0	-0.030	0.007	100	1.00	23.31	23.50	1.045	0.007
	50%RB	Left Cheek	501204	2506.0	0.170	0.016	100	1.00	23.31	23.50	1.045	0.017
		Left Tilt	501204	2506.0	-0.130	0.007	100	1.00	23.31	23.50	1.045	0.007
		Right Cheek	501204	2506.0	0.040	0.008	100	1.00	23.31	23.50	1.045	0.008
		Right Tilt	501204	2506.0	-0.150	0.002	100	1.00	23.31	23.50	1.045	0.002
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:100MHz)	1RB	Front	501204	2506.0	-0.070	0.154	100	1.00	23.31	23.50	1.045	0.161
		Back	501204	2506.0	-0.030	0.176	100	1.00	23.31	23.50	1.045	0.184
		Left	501204	2506.0	0.050	0.131	100	1.00	23.31	23.50	1.045	0.137
		Right	501204	2506.0	0.130	0.029	100	1.00	23.31	23.50	1.045	0.030
		Top	501204	2506.0	-0.140	0.021	100	1.00	23.31	23.50	1.045	0.022
		Bottom	501204	2506.0	0.060	0.106	100	1.00	23.31	23.50	1.045	0.111
	50%RB	Front	501204	2506.0	-0.070	0.039	100	1.00	23.31	23.50	1.045	0.041
		Back	501204	2506.0	-0.130	0.067	100	1.00	23.31	23.50	1.045	0.070
		Left	501204	2506.0	-0.120	0.026	100	1.00	23.31	23.50	1.045	0.027
		Right	501204	2506.0	0.040	0.010	100	1.00	23.31	23.50	1.045	0.010
		Top	501204	2506.0	-0.150	0.003	100	1.00	23.31	23.50	1.045	0.003
		Bottom	501204	2506.0	0.060	0.030	100	1.00	23.31	23.50	1.045	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)
NR n66 (BW:40MHz)	1RB	Left Cheek	349000	1745.0	0.050	0.079	100	1.00	23.85	24.00	1.035	0.082
		Left Tilt	349000	1745.0	-0.140	0.042	100	1.00	23.85	24.00	1.035	0.043
		Right Cheek	349000	1745.0	0.190	0.085	100	1.00	23.85	24.00	1.035	0.088
		Right Tilt	349000	1745.0	0.030	0.051	100	1.00	23.85	24.00	1.035	0.053
	50%RB	Left Cheek	349000	1745.0	-0.120	0.050	100	1.00	23.85	24.00	1.035	0.052
		Left Tilt	349000	1745.0	0.130	0.029	100	1.00	23.85	24.00	1.035	0.030
		Right Cheek	349000	1745.0	-0.070	0.053	100	1.00	23.85	24.00	1.035	0.055
		Right Tilt	349000	1745.0	0.050	0.033	100	1.00	23.85	24.00	1.035	0.034
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n66 (BW:40MHz)	1RB	Front	349000	1745.0	-0.120	0.203	100	1.00	23.85	24.00	1.035	0.210
		Back	349000	1745.0	-0.060	0.264	100	1.00	23.85	24.00	1.035	0.273
		Left	349000	1745.0	-0.080	0.165	100	1.00	23.85	24.00	1.035	0.171
		Right	349000	1745.0	0.020	0.026	100	1.00	23.85	24.00	1.035	0.027
		Top	349000	1745.0	0.070	0.017	100	1.00	23.85	24.00	1.035	0.018
		Bottom	349000	1745.0	-0.160	0.124	100	1.00	23.85	24.00	1.035	0.128
	50%RB	Front	349000	1745.0	0.080	0.117	100	1.00	23.85	24.00	1.035	0.121
		Back	349000	1745.0	0.160	0.148	100	1.00	23.85	24.00	1.035	0.153
		Left	349000	1745.0	-0.040	0.083	100	1.00	23.85	24.00	1.035	0.086
		Right	349000	1745.0	-0.190	0.014	100	1.00	23.85	24.00	1.035	0.014
		Top	349000	1745.0	-0.030	0.007	100	1.00	23.85	24.00	1.035	0.007
		Bottom	349000	1745.0	0.120	0.052	100	1.00	23.85	24.00	1.035	0.054

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n71 (BW:15MHz)	1RB	Left Cheek	136100	680.5	-0.190	0.010	100	1.00	22.65	23.00	1.084	0.011
		Left Tilt	136100	680.5	-0.170	0.004	100	1.00	22.65	23.00	1.084	0.004
		Right Cheek	136100	680.5	-0.150	0.009	100	1.00	22.65	23.00	1.084	0.010
		Right Tilt	136100	680.5	0.030	0.003	100	1.00	22.65	23.00	1.084	0.003
	50%RB	Left Cheek	136100	680.5	-0.170	0.006	100	1.00	22.65	23.00	1.084	0.007
		Left Tilt	136100	680.5	-0.110	0.003	100	1.00	22.65	23.00	1.084	0.003
		Right Cheek	136100	680.5	0.050	0.004	100	1.00	22.65	23.00	1.084	0.004
		Right Tilt	136100	680.5	-0.120	0.002	100	1.00	22.65	23.00	1.084	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 n71 (BW:15MHz)	1RB	Front	136100	680.5	0.070	0.032	100	1.00	22.65	23.00	1.084	0.035
		Back	136100	680.5	-0.050	0.043	100	1.00	22.65	23.00	1.084	0.047
		Left	136100	680.5	-0.130	0.016	100	1.00	22.65	23.00	1.084	0.017
		Right	136100	680.5	-0.040	0.007	100	1.00	22.65	23.00	1.084	0.008
		Top	136100	680.5	0.080	0.005	100	1.00	22.65	23.00	1.084	0.005
		Bottom	136100	680.5	-0.160	0.024	100	1.00	22.65	23.00	1.084	0.026
	50%RB	Front	136100	680.5	-0.030	0.015	100	1.00	22.65	23.00	1.084	0.016
		Back	136100	680.5	0.120	0.024	100	1.00	22.65	23.00	1.084	0.026
		Left	136100	680.5	-0.190	0.007	100	1.00	22.65	23.00	1.084	0.008
		Right	136100	680.5	0.050	0.003	100	1.00	22.65	23.00	1.084	0.003
		Top	136100	680.5	-0.040	0.002	100	1.00	22.65	23.00	1.084	0.002
		Bottom	136100	680.5	-0.160	0.009	100	1.00	22.65	23.00	1.084	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 n77 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.070	0.103	100	1.00	24.61	25.00	1.094	0.113
		Left Tilt	633334	3500.0	-0.160	0.154	100	1.00	24.61	25.00	1.094	0.168
		Right Cheek	633334	3500.0	0.050	0.219	100	1.00	24.61	25.00	1.094	0.240
		Right Tilt	633334	3500.0	-0.180	0.401	100	1.00	24.61	25.00	1.094	0.439
	50%RB	Left Cheek	633334	3500.0	0.020	0.054	100	1.00	24.61	25.00	1.094	0.059
		Left Tilt	633334	3500.0	-0.130	0.067	100	1.00	24.61	25.00	1.094	0.073
		Right Cheek	633334	3500.0	-0.040	0.098	100	1.00	24.61	25.00	1.094	0.107
		Right Tilt	633334	3500.0	0.170	0.142	100	1.00	24.61	25.00	1.094	0.155
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	633334	3500.0	-0.090	0.032	100	1.00	24.61	25.00	1.094	0.035
		Back	633334	3500.0	-0.140	0.068	100	1.00	24.61	25.00	1.094	0.074
		Left	633334	3500.0	0.060	0.023	100	1.00	24.61	25.00	1.094	0.025
		Right	633334	3500.0	0.020	0.010	100	1.00	24.61	25.00	1.094	0.011
		Top	633334	3500.0	0.150	0.022	100	1.00	24.61	25.00	1.094	0.024
		Bottom	633334	3500.0	0.190	0.013	100	1.00	24.61	25.00	1.094	0.014
	50%RB	Front	633334	3500.0	-0.140	0.018	100	1.00	24.61	25.00	1.094	0.020
		Back	633334	3500.0	-0.160	0.040	100	1.00	24.61	25.00	1.094	0.044
		Left	633334	3500.0	0.070	0.015	100	1.00	24.61	25.00	1.094	0.016
		Right	633334	3500.0	-0.150	0.004	100	1.00	24.61	25.00	1.094	0.004
		Top	633334	3500.0	0.030	0.012	100	1.00	24.61	25.00	1.094	0.013
		Bottom	633334	3500.0	0.040	0.007	100	1.00	24.61	25.00	1.094	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	637000	3560.0	0.060	0.095	100	1.00	24.49	24.50	1.002	0.095
		Left Tilt	637000	3560.0	-0.130	0.124	100	1.00	24.49	24.50	1.002	0.124
		Right Cheek	637000	3560.0	0.050	0.218	100	1.00	24.49	24.50	1.002	0.219
		Right Tilt	637000	3560.0	-0.170	0.359	100	1.00	24.49	24.50	1.002	0.360
	50%RB	Left Cheek	637000	3560.0	0.070	0.051	100	1.00	24.49	24.50	1.002	0.051
		Left Tilt	637000	3560.0	-0.130	0.068	100	1.00	24.49	24.50	1.002	0.068
		Right Cheek	637000	3560.0	0.040	0.110	100	1.00	24.49	24.50	1.002	0.110
		Right Tilt	637000	3560.0	-0.150	0.165	100	1.00	24.49	24.50	1.002	0.165
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	637000	3560.0	0.080	0.052	100	1.00	24.49	24.50	1.002	0.052
		Back	637000	3560.0	-0.150	0.064	100	1.00	24.49	24.50	1.002	0.064
		Left	637000	3560.0	0.120	0.041	100	1.00	24.49	24.50	1.002	0.041
		Right	637000	3560.0	0.050	0.021	100	1.00	24.49	24.50	1.002	0.021
		Top	637000	3560.0	0.070	0.036	100	1.00	24.49	24.50	1.002	0.036
		Bottom	637000	3560.0	0.110	0.017	100	1.00	24.49	24.50	1.002	0.017
	50%RB	Front	637000	3560.0	0.020	0.018	100	1.00	24.49	24.50	1.002	0.018
		Back	637000	3560.0	-0.130	0.034	100	1.00	24.49	24.50	1.002	0.034
		Left	637000	3560.0	0.010	0.013	100	1.00	24.49	24.50	1.002	0.013
		Right	637000	3560.0	-0.150	0.007	100	1.00	24.49	24.50	1.002	0.007
		Top	637000	3560.0	0.040	0.011	100	1.00	24.49	24.50	1.002	0.011
		Bottom	637000	3560.0	0.090	0.005	100	1.00	24.49	24.50	1.002	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 (BW:50MHz)	1RB	Left Cheek	656000	3890.0	-0.030	0.054	100	1.00	22.54	23.00	1.112	0.060
		Left Tilt	656000	3890.0	0.040	0.134	100	1.00	22.54	23.00	1.112	0.149
		Right Cheek	656000	3890.0	0.080	0.195	100	1.00	22.54	23.00	1.112	0.217
		Right Tilt	656000	3890.0	-0.110	0.328	100	1.00	22.54	23.00	1.112	0.365
	50%RB	Left Cheek	656000	3890.0	0.070	0.041	100	1.00	22.54	23.00	1.112	0.046
		Left Tilt	656000	3890.0	-0.050	0.062	100	1.00	22.54	23.00	1.112	0.069
		Right Cheek	656000	3890.0	0.060	0.093	100	1.00	22.54	23.00	1.112	0.103
		Right Tilt	656000	3890.0	-0.190	0.129	100	1.00	22.54	23.00	1.112	0.143
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	656000	3890.0	0.070	0.045	100	1.00	22.54	23.00	1.112	0.050
		Back	656000	3890.0	-0.190	0.070	100	1.00	22.54	23.00	1.112	0.078
		Left	656000	3890.0	0.015	0.034	100	1.00	22.54	23.00	1.112	0.038
		Right	656000	3890.0	0.130	0.012	100	1.00	22.54	23.00	1.112	0.013
		Top	656000	3890.0	-0.170	0.028	100	1.00	22.54	23.00	1.112	0.031
		Bottom	656000	3890.0	0.060	0.010	100	1.00	22.54	23.00	1.112	0.011
	50%RB	Front	656000	3890.0	0.020	0.025	100	1.00	22.54	23.00	1.112	0.028
		Back	656000	3890.0	-0.130	0.043	100	1.00	22.54	23.00	1.112	0.048
		Left	656000	3890.0	0.070	0.014	100	1.00	22.54	23.00	1.112	0.016
		Right	656000	3890.0	-0.140	0.005	100	1.00	22.54	23.00	1.112	0.006
		Top	656000	3890.0	0.180	0.012	100	1.00	22.54	23.00	1.112	0.013
		Bottom	656000	3890.0	-0.130	0.003	100	1.00	22.54	23.00	1.112	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 n78 (BW:50MHz)	1RB	Left Cheek	6333334	3500.0	0.070	0.194	100	1.00	23.13	23.50	1.089	0.211
		Left Tilt	6333334	3500.0	-0.160	0.267	100	1.00	23.13	23.50	1.089	0.291
		Right Cheek	6333334	3500.0	0.050	0.229	100	1.00	23.13	23.50	1.089	0.249
		Right Tilt	6333334	3500.0	-0.100	0.399	100	1.00	23.13	23.50	1.089	0.434
	50%RB	Left Cheek	6333334	3500.0	0.050	0.108	100	1.00	23.13	23.50	1.089	0.118
		Left Tilt	6333334	3500.0	0.140	0.157	100	1.00	23.13	23.50	1.089	0.171
		Right Cheek	6333334	3500.0	0.070	0.121	100	1.00	23.13	23.50	1.089	0.132
		Right Tilt	6333334	3500.0	-0.160	0.193	100	1.00	23.13	23.50	1.089	0.210
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	6333334	3500.0	0.120	0.046	100	1.00	23.13	23.50	1.089	0.050
		Back	6333334	3500.0	-0.190	0.068	100	1.00	23.13	23.50	1.089	0.074
		Left	6333334	3500.0	0.040	0.032	100	1.00	23.13	23.50	1.089	0.035
		Right	6333334	3500.0	0.030	0.019	100	1.00	23.13	23.50	1.089	0.021
		Top	6333334	3500.0	0.150	0.025	100	1.00	23.13	23.50	1.089	0.027
		Bottom	6333334	3500.0	0.060	0.013	100	1.00	23.13	23.50	1.089	0.014
	50%RB	Front	6333334	3500.0	0.050	0.025	100	1.00	23.13	23.50	1.089	0.027
		Back	6333334	3500.0	-0.130	0.043	100	1.00	23.13	23.50	1.089	0.047
		Left	6333334	3500.0	0.010	0.021	100	1.00	23.13	23.50	1.089	0.023
		Right	6333334	3500.0	-0.090	0.011	100	1.00	23.13	23.50	1.089	0.012
		Top	6333334	3500.0	-0.150	0.016	100	1.00	23.13	23.50	1.089	0.017
		Bottom	6333334	3500.0	-0.170	0.007	100	1.00	23.13	23.50	1.089	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	638334	3575.0	0.050	0.108	100	1.00	22.16	22.50	1.081	0.117
		Left Tilt	638334	3575.0	-0.170	0.141	100	1.00	22.16	22.50	1.081	0.152
		Right Cheek	638334	3575.0	-0.090	0.195	100	1.00	22.16	22.50	1.081	0.211
		Right Tilt	638334	3575.0	-0.160	0.363	100	1.00	22.16	22.50	1.081	0.393
	50%RB	Left Cheek	638334	3575.0	0.130	0.049	100	1.00	22.16	22.50	1.081	0.053
		Left Tilt	638334	3575.0	-0.170	0.073	100	1.00	22.16	22.50	1.081	0.079
		Right Cheek	638334	3575.0	0.050	0.102	100	1.00	22.16	22.50	1.081	0.110
		Right Tilt	638334	3575.0	-0.060	0.159	100	1.00	22.16	22.50	1.081	0.172
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	638334	3575.0	0.020	0.041	100	1.00	22.16	22.50	1.081	0.044
		Back	638334	3575.0	-0.160	0.054	100	1.00	22.16	22.50	1.081	0.058
		Left	638334	3575.0	0.160	0.030	100	1.00	22.16	22.50	1.081	0.032
		Right	638334	3575.0	0.130	0.018	100	1.00	22.16	22.50	1.081	0.019
		Top	638334	3575.0	-0.110	0.023	100	1.00	22.16	22.50	1.081	0.025
		Bottom	638334	3575.0	-0.050	0.014	100	1.00	22.16	22.50	1.081	0.015
	50%RB	Front	638334	3575.0	0.010	0.017	100	1.00	22.16	22.50	1.081	0.018
		Back	638334	3575.0	0.050	0.028	100	1.00	22.16	22.50	1.081	0.030
		Left	638334	3575.0	-0.030	0.012	100	1.00	22.16	22.50	1.081	0.013
		Right	638334	3575.0	-0.140	0.007	100	1.00	22.16	22.50	1.081	0.008
		Top	638334	3575.0	-0.160	0.005	100	1.00	22.16	22.50	1.081	0.005
		Bottom	638334	3575.0	0.070	0.002	100	1.00	22.16	22.50	1.081	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	650000	3750.0	0.070	0.083	100	1.00	22.26	22.50	1.057	0.088
		Left Tilt	650000	3750.0	-0.060	0.147	100	1.00	22.26	22.50	1.057	0.155
		Right Cheek	650000	3750.0	-0.140	0.158	100	1.00	22.26	22.50	1.057	0.167
		Right Tilt	650000	3750.0	-0.150	0.377	100	1.00	22.26	22.50	1.057	0.398
	50%RB	Left Cheek	650000	3750.0	0.050	0.046	100	1.00	22.26	22.50	1.057	0.049
		Left Tilt	650000	3750.0	-0.130	0.079	100	1.00	22.26	22.50	1.057	0.083
		Right Cheek	650000	3750.0	0.140	0.093	100	1.00	22.26	22.50	1.057	0.098
		Right Tilt	650000	3750.0	-0.090	0.138	100	1.00	22.26	22.50	1.057	0.146
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	650000	3750.0	0.050	0.042	100	1.00	22.26	22.50	1.057	0.044
		Back	650000	3750.0	0.190	0.055	100	1.00	22.26	22.50	1.057	0.058
		Left	650000	3750.0	0.130	0.035	100	1.00	22.26	22.50	1.057	0.037
		Right	650000	3750.0	0.040	0.021	100	1.00	22.26	22.50	1.057	0.022
		Top	650000	3750.0	-0.180	0.027	100	1.00	22.26	22.50	1.057	0.029
		Bottom	650000	3750.0	0.060	0.019	100	1.00	22.26	22.50	1.057	0.020
	50%RB	Front	650000	3750.0	0.170	0.014	100	1.00	22.26	22.50	1.057	0.015
		Back	650000	3750.0	-0.160	0.026	100	1.00	22.26	22.50	1.057	0.027
		Left	650000	3750.0	0.110	0.011	100	1.00	22.26	22.50	1.057	0.012
		Right	650000	3750.0	-0.150	0.005	100	1.00	22.26	22.50	1.057	0.005
		Top	650000	3750.0	0.040	0.008	100	1.00	22.26	22.50	1.057	0.008
		Bottom	650000	3750.0	-0.100	0.009	100	1.00	22.26	22.50	1.057	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)	Ch.	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Left Cheek	18700	1860.0	3.360	0.412	100	1.00	22.96	23.00	1.009	0.416
		Left Tilt	18700	1860.0	-0.380	0.446	100	1.00	22.96	23.00	1.009	0.450
		Right Cheek	18700	1860.0	3.140	0.486	100	1.00	22.96	23.00	1.009	0.490
		Right Tilt	18700	1860.0	4.560	0.574	100	1.00	22.96	23.00	1.009	0.579
	50%RB	Left Cheek	18700	1860.0	3.110	0.227	100	1.00	22.96	23.00	1.009	0.229
		Left Tilt	18700	1860.0	-0.830	0.254	100	1.00	22.96	23.00	1.009	0.256
		Right Cheek	18700	1860.0	0.290	0.296	100	1.00	22.96	23.00	1.009	0.299
		Right Tilt	18700	1860.0	2.480	0.372	100	1.00	22.96	23.00	1.009	0.375
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Ch.	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Front	18700	1860.0	0.920	0.182	100	1.00	22.96	23.00	1.009	0.184
		Back	18700	1860.0	0.400	0.251	100	1.00	22.96	23.00	1.009	0.253
		Left	18700	1860.0	0.250	0.124	100	1.00	22.96	23.00	1.009	0.125
		Right	18700	1860.0	0.730	0.040	100	1.00	22.96	23.00	1.009	0.040
		Top	18700	1860.0	2.440	0.086	100	1.00	22.96	23.00	1.009	0.087
		Bottom	18700	1860.0	-2.220	0.049	100	1.00	22.96	23.00	1.009	0.049
	50%RB	Front	18700	1860.0	1.160	0.089	100	1.00	22.96	23.00	1.009	0.090
		Back	18700	1860.0	3.280	0.124	100	1.00	22.96	23.00	1.009	0.125
		Left	18700	1860.0	-0.930	0.062	100	1.00	22.96	23.00	1.009	0.063
		Right	18700	1860.0	4.270	0.019	100	1.00	22.96	23.00	1.009	0.019
		Top	18700	1860.0	-1.840	0.048	100	1.00	22.96	23.00	1.009	0.048
		Bottom	18700	1860.0	-1.970	0.027	100	1.00	22.96	23.00	1.009	0.027

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	18700	1860.0	4.380	0.554	100	1.00	22.39	22.50	1.026	0.568
		Left Tilt	18700	1860.0	3.450	0.307	100	1.00	22.39	22.50	1.026	0.315
		Right Cheek	18700	1860.0	1.460	0.679	100	1.00	22.39	22.50	1.026	0.696
		Right Tilt	18700	1860.0	0.680	0.359	100	1.00	22.39	22.50	1.026	0.368
	50%RB	Left Cheek	18700	1860.0	-2.560	0.328	100	1.00	22.39	22.50	1.026	0.336
		Left Tilt	18700	1860.0	-4.540	0.175	100	1.00	22.39	22.50	1.026	0.179
		Right Cheek	18700	1860.0	-3.120	0.391	100	1.00	22.39	22.50	1.026	0.401
		Right Tilt	18700	1860.0	4.730	0.237	100	1.00	22.39	22.50	1.026	0.243
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	18700	1860.0	1.860	0.165	100	1.00	22.39	22.50	1.026	0.169
		Back	18700	1860.0	-2.290	0.244	100	1.00	22.39	22.50	1.026	0.250
		Left	18700	1860.0	4.080	0.126	100	1.00	22.39	22.50	1.026	0.129
		Right	18700	1860.0	4.280	0.028	100	1.00	22.39	22.50	1.026	0.029
		Top	18700	1860.0	1.360	0.086	100	1.00	22.39	22.50	1.026	0.088
		Bottom	18700	1860.0	3.650	0.045	100	1.00	22.39	22.50	1.026	0.046
	50%RB	Front	18700	1860.0	1.250	0.072	100	1.00	22.39	22.50	1.026	0.074
		Back	18700	1860.0	-1.590	0.119	100	1.00	22.39	22.50	1.026	0.122
		Left	18700	1860.0	-0.100	0.050	100	1.00	22.39	22.50	1.026	0.051
		Right	18700	1860.0	1.840	0.016	100	1.00	22.39	22.50	1.026	0.016
		Top	18700	1860.0	4.590	0.038	100	1.00	22.39	22.50	1.026	0.039
		Bottom	18700	1860.0	-1.930	0.023	100	1.00	22.39	22.50	1.026	0.024

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n78 (BW: 20MHz)	1RB	Left Cheek	18700	1860.0	0.660	0.624	100	1.00	23.30	23.50	1.047	0.653
		Left Tilt	18700	1860.0	3.680	0.319	100	1.00	23.30	23.50	1.047	0.334
		Right Cheek	18700	1860.0	4.000	0.727	100	1.00	23.30	23.50	1.047	0.761
		Right Tilt	18700	1860.0	-1.140	0.428	100	1.00	23.30	23.50	1.047	0.448
	50%RB	Left Cheek	18700	1860.0	-2.850	0.307	100	1.00	23.30	23.50	1.047	0.321
		Left Tilt	18700	1860.0	-2.340	0.168	100	1.00	23.30	23.50	1.047	0.176
		Right Cheek	18700	1860.0	-2.530	0.392	100	1.00	23.30	23.50	1.047	0.410
		Right Tilt	18700	1860.0	0.880	0.214	100	1.00	23.30	23.50	1.047	0.224
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	18700	1860.0	-3.100	0.271	100	1.00	23.30	23.50	1.047	0.284
		Back	18700	1860.0	-2.150	0.394	100	1.00	23.30	23.50	1.047	0.413
		Left	18700	1860.0	1.100	0.193	100	1.00	23.30	23.50	1.047	0.202
		Right	18700	1860.0	0.840	0.036	100	1.00	23.30	23.50	1.047	0.038
		Top	18700	1860.0	1.990	0.151	100	1.00	23.30	23.50	1.047	0.158
		Bottom	18700	1860.0	3.270	0.067	100	1.00	23.30	23.50	1.047	0.070
	50%RB	Front	18700	1860.0	0.620	0.153	100	1.00	23.30	23.50	1.047	0.160
		Back	18700	1860.0	4.160	0.217	100	1.00	23.30	23.50	1.047	0.227
		Left	18700	1860.0	-3.710	0.097	100	1.00	23.30	23.50	1.047	0.102
		Right	18700	1860.0	4.960	0.019	100	1.00	23.30	23.50	1.047	0.020
		Top	18700	1860.0	-1.470	0.081	100	1.00	23.30	23.50	1.047	0.085
		Bottom	18700	1860.0	-0.330	0.029	100	1.00	23.30	23.50	1.047	0.030

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	20325	1747.5	-0.420	0.077	100	1.00	23.11	23.50	1.094	0.084
		Left Tilt	20325	1747.5	-3.450	0.061	100	1.00	23.11	23.50	1.094	0.067
		Right Cheek	20325	1747.5	1.540	0.125	100	1.00	23.11	23.50	1.094	0.137
		Right Tilt	20325	1747.5	3.730	0.107	100	1.00	23.11	23.50	1.094	0.117
	50%RB	Left Cheek	20325	1747.5	1.880	0.053	100	1.00	23.11	23.50	1.094	0.058
		Left Tilt	20325	1747.5	3.030	0.045	100	1.00	23.11	23.50	1.094	0.049
		Right Cheek	20325	1747.5	4.100	0.083	100	1.00	23.11	23.50	1.094	0.091
		Right Tilt	20325	1747.5	-1.350	0.062	100	1.00	23.11	23.50	1.094	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)
4-n7 (BW: 20MHz)	1RB	Front	20325	1747.5	3.310	0.175	100	1.00	23.11	23.50	1.094	0.191
		Back	20325	1747.5	-1.800	0.221	100	1.00	23.11	23.50	1.094	0.242
		Left	20325	1747.5	-0.980	0.116	100	1.00	23.11	23.50	1.094	0.127
		Right	20325	1747.5	-2.390	0.030	100	1.00	23.11	23.50	1.094	0.033
		Top	20325	1747.5	3.310	0.078	100	1.00	23.11	23.50	1.094	0.085
		Bottom	20325	1747.5	-1.770	0.046	100	1.00	23.11	23.50	1.094	0.050
	50%RB	Front	20325	1747.5	3.470	0.071	100	1.00	23.11	23.50	1.094	0.078
		Back	20325	1747.5	4.690	0.124	100	1.00	23.11	23.50	1.094	0.136
		Left	20325	1747.5	-1.370	0.054	100	1.00	23.11	23.50	1.094	0.059
		Right	20325	1747.5	4.400	0.018	100	1.00	23.11	23.50	1.094	0.020
		Top	20325	1747.5	-1.930	0.039	100	1.00	23.11	23.50	1.094	0.043
		Bottom	20325	1747.5	-4.410	0.022	100	1.00	23.11	23.50	1.094	0.024

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Left Cheek	20325	1747.5	-4.390	0.077	100	1.00	23.08	23.50	1.102	0.085
		Left Tilt	20325	1747.5	2.430	0.064	100	1.00	23.08	23.50	1.102	0.070
		Right Cheek	20325	1747.5	0.150	0.109	100	1.00	23.08	23.50	1.102	0.120
		Right Tilt	20325	1747.5	0.340	0.097	100	1.00	23.08	23.50	1.102	0.107
	50%RB	Left Cheek	20325	1747.5	0.260	0.048	100	1.00	23.08	23.50	1.102	0.053
		Left Tilt	20325	1747.5	1.090	0.041	100	1.00	23.08	23.50	1.102	0.045
		Right Cheek	20325	1747.5	-1.020	0.067	100	1.00	23.08	23.50	1.102	0.074
		Right Tilt	20325	1747.5	-1.500	0.054	100	1.00	23.08	23.50	1.102	0.059
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Front	20325	1747.5	-1.260	0.031	100	1.00	23.08	23.50	1.102	0.034
		Back	20325	1747.5	-4.130	0.052	100	1.00	23.08	23.50	1.102	0.057
		Left	20325	1747.5	1.380	0.028	100	1.00	23.08	23.50	1.102	0.031
		Right	20325	1747.5	3.670	0.011	100	1.00	23.08	23.50	1.102	0.012
		Top	20325	1747.5	3.820	0.017	100	1.00	23.08	23.50	1.102	0.019
		Bottom	20325	1747.5	-3.330	0.007	100	1.00	23.08	23.50	1.102	0.008
	50%RB	Front	20325	1747.5	-3.640	0.018	100	1.00	23.08	23.50	1.102	0.020
		Back	20325	1747.5	4.160	0.035	100	1.00	23.08	23.50	1.102	0.039
		Left	20325	1747.5	-0.470	0.012	100	1.00	23.08	23.50	1.102	0.013
		Right	20325	1747.5	-2.900	0.007	100	1.00	23.08	23.50	1.102	0.008
		Top	20325	1747.5	0.240	0.010	100	1.00	23.08	23.50	1.102	0.011
		Bottom	20325	1747.5	-2.350	0.003	100	1.00	23.08	23.50	1.102	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	20325	1747.5	2.550	0.144	100	1.00	22.67	23.00	1.079	0.155
		Left Tilt	20325	1747.5	0.260	0.124	100	1.00	22.67	23.00	1.079	0.134
		Right Cheek	20325	1747.5	0.830	0.179	100	1.00	22.67	23.00	1.079	0.193
		Right Tilt	20325	1747.5	1.190	0.272	100	1.00	22.67	23.00	1.079	0.293
	50%RB	Left Cheek	20325	1747.5	1.550	0.117	100	1.00	22.67	23.00	1.079	0.126
		Left Tilt	20325	1747.5	0.760	0.089	100	1.00	22.67	23.00	1.079	0.096
		Right Cheek	20325	1747.5	0.930	0.124	100	1.00	22.67	23.00	1.079	0.134
		Right Tilt	20325	1747.5	1.100	0.163	100	1.00	22.67	23.00	1.079	0.176
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20325	1747.5	0.160	0.159	100	1.00	22.67	23.00	1.079	0.172
		Back	20325	1747.5	-3.060	0.211	100	1.00	22.67	23.00	1.079	0.228
		Left	20325	1747.5	1.420	0.115	100	1.00	22.67	23.00	1.079	0.124
		Right	20325	1747.5	3.220	0.030	100	1.00	22.67	23.00	1.079	0.032
		Top	20325	1747.5	-0.450	0.076	100	1.00	22.67	23.00	1.079	0.082
		Bottom	20325	1747.5	-0.830	0.049	100	1.00	22.67	23.00	1.079	0.053
	50%RB	Front	20325	1747.5	0.190	0.072	100	1.00	22.67	23.00	1.079	0.078
		Back	20325	1747.5	2.640	0.108	100	1.00	22.67	23.00	1.079	0.117
		Left	20325	1747.5	2.180	0.043	100	1.00	22.67	23.00	1.079	0.046
		Right	20325	1747.5	-1.220	0.014	100	1.00	22.67	23.00	1.079	0.015
		Top	20325	1747.5	0.540	0.037	100	1.00	22.67	23.00	1.079	0.040
		Bottom	20325	1747.5	0.380	0.020	100	1.00	22.67	23.00	1.079	0.022

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	4.410	0.083	100	1.00	23.69	24.00	1.074	0.089
		Left Tilt	20425	826.5	-4.380	0.039	100	1.00	23.69	24.00	1.074	0.042
		Right Cheek	20425	826.5	2.510	0.057	100	1.00	23.69	24.00	1.074	0.061
		Right Tilt	20425	826.5	1.330	0.032	100	1.00	23.69	24.00	1.074	0.034
	50%RB	Left Cheek	20425	826.5	-1.940	0.052	100	1.00	23.69	24.00	1.074	0.056
		Left Tilt	20425	826.5	-0.840	0.015	100	1.00	23.69	24.00	1.074	0.016
		Right Cheek	20425	826.5	2.240	0.038	100	1.00	23.69	24.00	1.074	0.041
		Right Tilt	20425	826.5	1.240	0.013	100	1.00	23.69	24.00	1.074	0.014
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Front	20425	826.5	2.910	0.167	100	1.00	23.69	24.00	1.074	0.179
		Back	20425	826.5	-4.020	0.243	100	1.00	23.69	24.00	1.074	0.261
		Left	20425	826.5	0.930	0.032	100	1.00	23.69	24.00	1.074	0.034
		Right	20425	826.5	-4.430	0.125	100	1.00	23.69	24.00	1.074	0.134
		Top	20425	826.5	0.410	0.031	100	1.00	23.69	24.00	1.074	0.033
		Bottom	20425	826.5	-0.630	0.142	100	1.00	23.69	24.00	1.074	0.153
	50%RB	Front	20425	826.5	-1.920	0.067	100	1.00	23.69	24.00	1.074	0.072
		Back	20425	826.5	2.880	0.118	100	1.00	23.69	24.00	1.074	0.127
		Left	20425	826.5	-0.500	0.020	100	1.00	23.69	24.00	1.074	0.021
		Right	20425	826.5	4.000	0.043	100	1.00	23.69	24.00	1.074	0.046
		Top	20425	826.5	1.440	0.012	100	1.00	23.69	24.00	1.074	0.013
		Bottom	20425	826.5	-3.800	0.054	100	1.00	23.69	24.00	1.074	0.058

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	20425	826.5	0.020	0.063	100	1.00	23.75	24.00	1.059	0.067
		Left Tilt	20425	826.5	-1.690	0.038	100	1.00	23.75	24.00	1.059	0.040
		Right Cheek	20425	826.5	-1.450	0.047	100	1.00	23.75	24.00	1.059	0.050
		Right Tilt	20425	826.5	2.060	0.030	100	1.00	23.75	24.00	1.059	0.032
	50%RB	Left Cheek	20425	826.5	0.700	0.036	100	1.00	23.75	24.00	1.059	0.038
		Left Tilt	20425	826.5	-3.060	0.014	100	1.00	23.75	24.00	1.059	0.015
		Right Cheek	20425	826.5	4.280	0.023	100	1.00	23.75	24.00	1.059	0.024
		Right Tilt	20425	826.5	-3.800	0.010	100	1.00	23.75	24.00	1.059	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)
5-n38 (BW: 10MHz)	1RB	Front	20425	826.5	1.870	0.113	100	1.00	23.75	24.00	1.059	0.120
		Back	20425	826.5	-2.000	0.152	100	1.00	23.75	24.00	1.059	0.161
		Left	20425	826.5	2.390	0.019	100	1.00	23.75	24.00	1.059	0.020
		Right	20425	826.5	-2.060	0.065	100	1.00	23.75	24.00	1.059	0.069
		Top	20425	826.5	0.820	0.021	100	1.00	23.75	24.00	1.059	0.022
		Bottom	20425	826.5	3.220	0.093	100	1.00	23.75	24.00	1.059	0.099
	50%RB	Front	20425	826.5	3.020	0.054	100	1.00	23.75	24.00	1.059	0.057
		Back	20425	826.5	-1.910	0.078	100	1.00	23.75	24.00	1.059	0.083
		Left	20425	826.5	-4.390	0.013	100	1.00	23.75	24.00	1.059	0.014
		Right	20425	826.5	2.790	0.032	100	1.00	23.75	24.00	1.059	0.034
		Top	20425	826.5	0.210	0.014	100	1.00	23.75	24.00	1.059	0.015
		Bottom	20425	826.5	3.820	0.065	100	1.00	23.75	24.00	1.059	0.069

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20425	826.5	4.600	0.067	100	1.00	23.76	24.00	1.057	0.071
		Left Tilt	20425	826.5	2.710	0.054	100	1.00	23.76	24.00	1.057	0.057
		Right Cheek	20425	826.5	4.350	0.049	100	1.00	23.76	24.00	1.057	0.052
		Right Tilt	20425	826.5	-4.770	0.033	100	1.00	23.76	24.00	1.057	0.035
	50%RB	Left Cheek	20425	826.5	3.530	0.043	100	1.00	23.76	24.00	1.057	0.045
		Left Tilt	20425	826.5	-1.040	0.022	100	1.00	23.76	24.00	1.057	0.023
		Right Cheek	20425	826.5	-1.330	0.028	100	1.00	23.76	24.00	1.057	0.030
		Right Tilt	20425	826.5	1.850	0.013	100	1.00	23.76	24.00	1.057	0.014
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Front	20425	826.5	-4.310	0.109	100	1.00	23.76	24.00	1.057	0.115
		Back	20425	826.5	-1.970	0.150	100	1.00	23.76	24.00	1.057	0.159
		Left	20425	826.5	2.450	0.019	100	1.00	23.76	24.00	1.057	0.020
		Right	20425	826.5	0.260	0.073	100	1.00	23.76	24.00	1.057	0.077
		Top	20425	826.5	-3.270	0.016	100	1.00	23.76	24.00	1.057	0.017
		Bottom	20425	826.5	3.620	0.081	100	1.00	23.76	24.00	1.057	0.086
	50%RB	Front	20425	826.5	0.900	0.049	100	1.00	23.76	24.00	1.057	0.052
		Back	20425	826.5	-2.750	0.075	100	1.00	23.76	24.00	1.057	0.079
		Left	20425	826.5	-1.910	0.010	100	1.00	23.76	24.00	1.057	0.011
		Right	20425	826.5	1.270	0.036	100	1.00	23.76	24.00	1.057	0.038
		Top	20425	826.5	1.190	0.006	100	1.00	23.76	24.00	1.057	0.006
		Bottom	20425	826.5	4.370	0.042	100	1.00	23.76	24.00	1.057	0.044

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20425	826.5	-3.090	0.075	100	1.00	23.83	24.00	1.040	0.078
		Left Tilt	20425	826.5	2.570	0.036	100	1.00	23.83	24.00	1.040	0.037
		Right Cheek	20425	826.5	4.220	0.055	100	1.00	23.83	24.00	1.040	0.057
		Right Tilt	20425	826.5	-3.310	0.029	100	1.00	23.83	24.00	1.040	0.030
	50%RB	Left Cheek	20425	826.5	-1.990	0.040	100	1.00	23.83	24.00	1.040	0.042
		Left Tilt	20425	826.5	-0.890	0.016	100	1.00	23.83	24.00	1.040	0.017
		Right Cheek	20425	826.5	4.100	0.023	100	1.00	23.83	24.00	1.040	0.024
		Right Tilt	20425	826.5	2.760	0.013	100	1.00	23.83	24.00	1.040	0.014
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n66 (BW: 10MHz)	1RB	Front	20425	826.5	-2.200	0.182	100	1.00	23.83	24.00	1.040	0.189
		Back	20425	826.5	0.230	0.254	100	1.00	23.83	24.00	1.040	0.264
		Left	20425	826.5	0.870	0.143	100	1.00	23.83	24.00	1.040	0.149
		Right	20425	826.5	0.880	0.027	100	1.00	23.83	24.00	1.040	0.028
		Top	20425	826.5	4.950	0.128	100	1.00	23.83	24.00	1.040	0.133
		Bottom	20425	826.5	3.230	0.039	100	1.00	23.83	24.00	1.040	0.041
	50%RB	Front	20425	826.5	3.230	0.071	100	1.00	23.83	24.00	1.040	0.074
		Back	20425	826.5	1.480	0.147	100	1.00	23.83	24.00	1.040	0.153
		Left	20425	826.5	1.830	0.052	100	1.00	23.83	24.00	1.040	0.054
		Right	20425	826.5	-4.480	0.014	100	1.00	23.83	24.00	1.040	0.015
		Top	20425	826.5	-2.390	0.046	100	1.00	23.83	24.00	1.040	0.048
		Bottom	20425	826.5	-0.010	0.019	100	1.00	23.83	24.00	1.040	0.020

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	3.210	0.073	100	1.00	22.78	23.00	1.052	0.077
		Left Tilt	20425	826.5	0.590	0.116	100	1.00	22.78	23.00	1.052	0.122
		Right Cheek	20425	826.5	3.720	0.131	100	1.00	22.78	23.00	1.052	0.138
		Right Tilt	20425	826.5	-3.940	0.148	100	1.00	22.78	23.00	1.052	0.156
	50%RB	Left Cheek	20425	826.5	2.130	0.059	100	1.00	22.78	23.00	1.052	0.062
		Left Tilt	20425	826.5	0.950	0.062	100	1.00	22.78	23.00	1.052	0.065
		Right Cheek	20425	826.5	2.730	0.068	100	1.00	22.78	23.00	1.052	0.072
		Right Tilt	20425	826.5	-4.110	0.082	100	1.00	22.78	23.00	1.052	0.086
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Front	20425	826.5	-3.470	0.074	100	1.00	22.78	23.00	1.052	0.078
		Back	20425	826.5	-2.340	0.112	100	1.00	22.78	23.00	1.052	0.118
		Left	20425	826.5	0.030	0.069	100	1.00	22.78	23.00	1.052	0.073
		Right	20425	826.5	4.000	0.015	100	1.00	22.78	23.00	1.052	0.016
		Top	20425	826.5	2.880	0.054	100	1.00	22.78	23.00	1.052	0.057
		Bottom	20425	826.5	2.740	0.010	100	1.00	22.78	23.00	1.052	0.011
	50%RB	Front	20425	826.5	-2.160	0.056	100	1.00	22.78	23.00	1.052	0.059
		Back	20425	826.5	0.120	0.074	100	1.00	22.78	23.00	1.052	0.078
		Left	20425	826.5	0.060	0.032	100	1.00	22.78	23.00	1.052	0.034
		Right	20425	826.5	0.080	0.011	100	1.00	22.78	23.00	1.052	0.012
		Top	20425	826.5	-1.150	0.032	100	1.00	22.78	23.00	1.052	0.034
		Bottom	20425	826.5	1.200	0.008	100	1.00	22.78	23.00	1.052	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	-2.550	0.076	100	1.00	22.72	23.00	1.067	0.081
		Left Tilt	20425	826.5	2.040	0.129	100	1.00	22.72	23.00	1.067	0.138
		Right Cheek	20425	826.5	-0.570	0.142	100	1.00	22.72	23.00	1.067	0.151
		Right Tilt	20425	826.5	0.960	0.167	100	1.00	22.72	23.00	1.067	0.178
	50%RB	Left Cheek	20425	826.5	1.550	0.062	100	1.00	22.72	23.00	1.067	0.066
		Left Tilt	20425	826.5	-1.040	0.106	100	1.00	22.72	23.00	1.067	0.113
		Right Cheek	20425	826.5	-0.750	0.116	100	1.00	22.72	23.00	1.067	0.124
		Right Tilt	20425	826.5	0.690	0.141	100	1.00	22.72	23.00	1.067	0.150
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20425	826.5	-1.010	0.076	100	1.00	22.72	23.00	1.067	0.081
		Back	20425	826.5	-0.790	0.089	100	1.00	22.72	23.00	1.067	0.095
		Left	20425	826.5	-0.260	0.061	100	1.00	22.72	23.00	1.067	0.065
		Right	20425	826.5	-3.730	0.013	100	1.00	22.72	23.00	1.067	0.014
		Top	20425	826.5	1.530	0.050	100	1.00	22.72	23.00	1.067	0.053
		Bottom	20425	826.5	-2.600	0.009	100	1.00	22.72	23.00	1.067	0.010
	50%RB	Front	20425	826.5	1.010	0.060	100	1.00	22.72	23.00	1.067	0.064
		Back	20425	826.5	-0.420	0.074	100	1.00	22.72	23.00	1.067	0.079
		Left	20425	826.5	1.250	0.049	100	1.00	22.72	23.00	1.067	0.052
		Right	20425	826.5	3.700	0.010	100	1.00	22.72	23.00	1.067	0.011
		Top	20425	826.5	1.330	0.034	100	1.00	22.72	23.00	1.067	0.036
		Bottom	20425	826.5	-1.600	0.007	100	1.00	22.72	23.00	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-n7 (BW: 20MHz)	1RB	Left Cheek	21375	2562.5	-2.680	0.207	100	1.00	23.16	23.50	1.081	0.224
		Left Tilt	21375	2562.5	-2.760	0.295	100	1.00	23.16	23.50	1.081	0.319
		Right Cheek	21375	2562.5	-3.840	0.379	100	1.00	23.16	23.50	1.081	0.410
		Right Tilt	21375	2562.5	2.340	0.534	100	1.00	23.16	23.50	1.081	0.577
	50%RB	Left Cheek	21375	2562.5	-1.680	0.089	100	1.00	23.16	23.50	1.081	0.096
		Left Tilt	21375	2562.5	-0.950	0.157	100	1.00	23.16	23.50	1.081	0.170
		Right Cheek	21375	2562.5	3.750	0.244	100	1.00	23.16	23.50	1.081	0.264
		Right Tilt	21375	2562.5	2.480	0.389	100	1.00	23.16	23.50	1.081	0.421
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	21375	2562.5	-1.570	0.176	100	1.00	23.16	23.50	1.081	0.190
		Back	21375	2562.5	-1.470	0.281	100	1.00	23.16	23.50	1.081	0.304
		Left	21375	2562.5	4.820	0.105	100	1.00	23.16	23.50	1.081	0.114
		Right	21375	2562.5	-4.260	0.028	100	1.00	23.16	23.50	1.081	0.030
		Top	21375	2562.5	1.830	0.092	100	1.00	23.16	23.50	1.081	0.099
		Bottom	21375	2562.5	4.970	0.054	100	1.00	23.16	23.50	1.081	0.058
	50%RB	Front	21375	2562.5	3.220	0.076	100	1.00	23.16	23.50	1.081	0.082
		Back	21375	2562.5	1.150	0.142	100	1.00	23.16	23.50	1.081	0.154
		Left	21375	2562.5	-2.810	0.058	100	1.00	23.16	23.50	1.081	0.063
		Right	21375	2562.5	2.450	0.014	100	1.00	23.16	23.50	1.081	0.015
		Top	21375	2562.5	4.340	0.043	100	1.00	23.16	23.50	1.081	0.047
		Bottom	21375	2562.5	3.930	0.020	100	1.00	23.16	23.50	1.081	0.022

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n66 (BW: 20MHz)	1RB	Left Cheek	21375	2562.5	-2.130	0.556	100	1.00	23.09	23.50	1.099	0.611
		Left Tilt	21375	2562.5	-4.900	0.512	100	1.00	23.09	23.50	1.099	0.563
		Right Cheek	21375	2562.5	1.160	0.715	100	1.00	23.09	23.50	1.099	0.786
		Right Tilt	21375	2562.5	2.030	0.694	100	1.00	23.09	23.50	1.099	0.763
	50%RB	Left Cheek	21375	2562.5	-2.160	0.271	100	1.00	23.09	23.50	1.099	0.298
		Left Tilt	21375	2562.5	0.070	0.234	100	1.00	23.09	23.50	1.099	0.257
		Right Cheek	21375	2562.5	-2.090	0.413	100	1.00	23.09	23.50	1.099	0.454
		Right Tilt	21375	2562.5	-1.920	0.385	100	1.00	23.09	23.50	1.099	0.423
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	21375	2562.5	-1.900	0.143	100	1.00	23.09	23.50	1.099	0.157
		Back	21375	2562.5	1.780	0.178	100	1.00	23.09	23.50	1.099	0.196
		Left	21375	2562.5	-2.900	0.121	100	1.00	23.09	23.50	1.099	0.133
		Right	21375	2562.5	-2.850	0.025	100	1.00	23.09	23.50	1.099	0.027
		Top	21375	2562.5	2.140	0.106	100	1.00	23.09	23.50	1.099	0.116
		Bottom	21375	2562.5	-1.390	0.019	100	1.00	23.09	23.50	1.099	0.021
	50%RB	Front	21375	2562.5	-2.160	0.069	100	1.00	23.09	23.50	1.099	0.076
		Back	21375	2562.5	4.060	0.098	100	1.00	23.09	23.50	1.099	0.108
		Left	21375	2562.5	-3.810	0.043	100	1.00	23.09	23.50	1.099	0.047
		Right	21375	2562.5	1.870	0.014	100	1.00	23.09	23.50	1.099	0.015
		Top	21375	2562.5	1.100	0.035	100	1.00	23.09	23.50	1.099	0.038
		Bottom	21375	2562.5	-2.160	0.010	100	1.00	23.09	23.50	1.099	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-n77 (BW: 20MHz)	1RB	Left Cheek	21375	2562.5	-3.150	0.394	100	1.00	24.08	24.50	1.102	0.434
		Left Tilt	21375	2562.5	0.370	0.452	100	1.00	24.08	24.50	1.102	0.498
		Right Cheek	21375	2562.5	0.520	0.689	100	1.00	24.08	24.50	1.102	0.759
		Right Tilt	21375	2562.5	4.600	0.711	100	1.00	24.08	24.50	1.102	0.783
	50%RB	Left Cheek	21375	2562.5	1.500	0.229	100	1.00	24.08	24.50	1.102	0.252
		Left Tilt	21375	2562.5	-0.730	0.286	100	1.00	24.08	24.50	1.102	0.315
		Right Cheek	21375	2562.5	-2.770	0.351	100	1.00	24.08	24.50	1.102	0.387
		Right Tilt	21375	2562.5	1.550	0.375	100	1.00	24.08	24.50	1.102	0.413
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	21375	2562.5	-1.780	0.152	100	1.00	24.08	24.50	1.102	0.167
		Back	21375	2562.5	-3.400	0.196	100	1.00	24.08	24.50	1.102	0.216
		Left	21375	2562.5	4.320	0.134	100	1.00	24.08	24.50	1.102	0.148
		Right	21375	2562.5	4.450	0.024	100	1.00	24.08	24.50	1.102	0.026
		Top	21375	2562.5	2.650	0.117	100	1.00	24.08	24.50	1.102	0.129
		Bottom	21375	2562.5	-0.620	0.019	100	1.00	24.08	24.50	1.102	0.021
	50%RB	Front	21375	2562.5	1.690	0.098	100	1.00	24.08	24.50	1.102	0.108
		Back	21375	2562.5	1.720	0.141	100	1.00	24.08	24.50	1.102	0.155
		Left	21375	2562.5	0.650	0.086	100	1.00	24.08	24.50	1.102	0.095
		Right	21375	2562.5	-2.020	0.011	100	1.00	24.08	24.50	1.102	0.012
		Top	21375	2562.5	1.720	0.063	100	1.00	24.08	24.50	1.102	0.069
		Bottom	21375	2562.5	1.180	0.009	100	1.00	24.08	24.50	1.102	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)
7-n78 (BW: 20MHz)	1RB	Left Cheek	21375	2562.5	-4.610	0.386	100	1.00	23.97	24.00	1.007	0.389
		Left Tilt	21375	2562.5	2.310	0.468	100	1.00	23.97	24.00	1.007	0.471
		Right Cheek	21375	2562.5	-4.920	0.679	100	1.00	23.97	24.00	1.007	0.684
		Right Tilt	21375	2562.5	2.370	0.718	100	1.00	23.97	24.00	1.007	0.723
	50%RB	Left Cheek	21375	2562.5	-0.270	0.191	100	1.00	23.97	24.00	1.007	0.192
		Left Tilt	21375	2562.5	1.300	0.223	100	1.00	23.97	24.00	1.007	0.225
		Right Cheek	21375	2562.5	0.210	0.329	100	1.00	23.97	24.00	1.007	0.331
		Right Tilt	21375	2562.5	0.750	0.369	100	1.00	23.97	24.00	1.007	0.372
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Front	21375	2562.5	-2.570	0.160	100	1.00	23.97	24.00	1.007	0.161
		Back	21375	2562.5	1.950	0.188	100	1.00	23.97	24.00	1.007	0.189
		Left	21375	2562.5	-1.160	0.126	100	1.00	23.97	24.00	1.007	0.127
		Right	21375	2562.5	1.360	0.031	100	1.00	23.97	24.00	1.007	0.031
		Top	21375	2562.5	1.740	0.101	100	1.00	23.97	24.00	1.007	0.102
		Bottom	21375	2562.5	2.700	0.024	100	1.00	23.97	24.00	1.007	0.024
	50%RB	Front	21375	2562.5	4.000	0.067	100	1.00	23.97	24.00	1.007	0.067
		Back	21375	2562.5	1.290	0.092	100	1.00	23.97	24.00	1.007	0.093
		Left	21375	2562.5	1.490	0.048	100	1.00	23.97	24.00	1.007	0.048
		Right	21375	2562.5	0.460	0.019	100	1.00	23.97	24.00	1.007	0.019
		Top	21375	2562.5	0.820	0.039	100	1.00	23.97	24.00	1.007	0.039
		Bottom	21375	2562.5	3.660	0.010	100	1.00	23.97	24.00	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)
38-n78 (BW: 20MHz)	1RB	Left Cheek	38175	2612.5	-1.580	0.209	100	1.00	22.99	23.00	1.002	0.209
		Left Tilt	38175	2612.5	1.780	0.322	100	1.00	22.99	23.00	1.002	0.323
		Right Cheek	38175	2612.5	2.100	0.365	100	1.00	22.99	23.00	1.002	0.366
		Right Tilt	38175	2612.5	-3.320	0.443	100	1.00	22.99	23.00	1.002	0.444
	50%RB	Left Cheek	38175	2612.5	1.250	0.169	100	1.00	22.99	23.00	1.002	0.169
		Left Tilt	38175	2612.5	-2.420	0.227	100	1.00	22.99	23.00	1.002	0.228
		Right Cheek	38175	2612.5	0.420	0.246	100	1.00	22.99	23.00	1.002	0.247
		Right Tilt	38175	2612.5	0.330	0.309	100	1.00	22.99	23.00	1.002	0.310
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	38175	2612.5	-1.270	0.040	100	1.00	22.99	23.00	1.002	0.040
		Back	38175	2612.5	-1.050	0.058	100	1.00	22.99	23.00	1.002	0.058
		Left	38175	2612.5	0.570	0.032	100	1.00	22.99	23.00	1.002	0.032
		Right	38175	2612.5	4.900	0.009	100	1.00	22.99	23.00	1.002	0.009
		Top	38175	2612.5	-3.810	0.035	100	1.00	22.99	23.00	1.002	0.035
		Bottom	38175	2612.5	3.230	0.012	100	1.00	22.99	23.00	1.002	0.012
	50%RB	Front	38175	2612.5	-0.080	0.019	100	1.00	22.99	23.00	1.002	0.019
		Back	38175	2612.5	2.630	0.028	100	1.00	22.99	23.00	1.002	0.028
		Left	38175	2612.5	0.110	0.013	100	1.00	22.99	23.00	1.002	0.013
		Right	38175	2612.5	1.230	0.005	100	1.00	22.99	23.00	1.002	0.005
		Top	38175	2612.5	2.520	0.016	100	1.00	22.99	23.00	1.002	0.016
		Bottom	38175	2612.5	-0.720	0.007	100	1.00	22.99	23.00	1.002	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)
41-n41 (BW: 20MHz)	1RB	Left Cheek	40620	2593	-0.800	0.185	100	1.00	23.32	23.50	1.042	0.193
		Left Tilt	40620	2593	1.690	0.213	100	1.00	23.32	23.50	1.042	0.222
		Right Cheek	40620	2593	-4.630	0.235	100	1.00	23.32	23.50	1.042	0.245
		Right Tilt	40620	2593	-3.200	0.287	100	1.00	23.32	23.50	1.042	0.299
	50%RB	Left Cheek	40620	2593	0.020	0.068	100	1.00	23.32	23.50	1.042	0.071
		Left Tilt	40620	2593	-1.370	0.086	100	1.00	23.32	23.50	1.042	0.090
		Right Cheek	40620	2593	-1.110	0.124	100	1.00	23.32	23.50	1.042	0.129
		Right Tilt	40620	2593	2.860	0.152	100	1.00	23.32	23.50	1.042	0.158
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-3.450	0.102	100	1.00	23.32	23.50	1.042	0.106
		Back	40620	2593	2.310	0.135	100	1.00	23.32	23.50	1.042	0.141
		Left	40620	2593	-2.170	0.076	100	1.00	23.32	23.50	1.042	0.079
		Right	40620	2593	2.380	0.020	100	1.00	23.32	23.50	1.042	0.021
		Top	40620	2593	-2.610	0.068	100	1.00	23.32	23.50	1.042	0.071
		Bottom	40620	2593	4.170	0.036	100	1.00	23.32	23.50	1.042	0.038
	50%RB	Front	40620	2593	2.670	0.049	100	1.00	23.32	23.50	1.042	0.051
		Back	40620	2593	-0.140	0.075	100	1.00	23.32	23.50	1.042	0.078
		Left	40620	2593	-0.990	0.033	100	1.00	23.32	23.50	1.042	0.034
		Right	40620	2593	4.410	0.009	100	1.00	23.32	23.50	1.042	0.009
		Top	40620	2593	1.490	0.028	100	1.00	23.32	23.50	1.042	0.029
		Bottom	40620	2593	-4.350	0.016	100	1.00	23.32	23.50	1.042	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)
41-n77 (BW: 20MHz)	1RB	Left Cheek	40620	2593	-0.220	0.196	100	1.00	22.80	23.00	1.047	0.205
		Left Tilt	40620	2593	0.040	0.253	100	1.00	22.80	23.00	1.047	0.265
		Right Cheek	40620	2593	2.780	0.258	100	1.00	22.80	23.00	1.047	0.270
		Right Tilt	40620	2593	2.560	0.394	100	1.00	22.80	23.00	1.047	0.413
	50%RB	Left Cheek	40620	2593	1.400	0.156	100	1.00	22.80	23.00	1.047	0.163
		Left Tilt	40620	2593	0.410	0.164	100	1.00	22.80	23.00	1.047	0.172
		Right Cheek	40620	2593	-0.630	0.202	100	1.00	22.80	23.00	1.047	0.212
		Right Tilt	40620	2593	1.250	0.279	100	1.00	22.80	23.00	1.047	0.292
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n77 (BW: 20MHz)	1RB	Front	40620	2593	3.710	0.052	100	1.00	22.80	23.00	1.047	0.054
		Back	40620	2593	-1.520	0.069	100	1.00	22.80	23.00	1.047	0.072
		Left	40620	2593	2.390	0.041	100	1.00	22.80	23.00	1.047	0.043
		Right	40620	2593	3.380	0.023	100	1.00	22.80	23.00	1.047	0.024
		Top	40620	2593	-2.210	0.036	100	1.00	22.80	23.00	1.047	0.038
		Bottom	40620	2593	3.460	0.019	100	1.00	22.80	23.00	1.047	0.020
	50%RB	Front	40620	2593	0.670	0.028	100	1.00	22.80	23.00	1.047	0.029
		Back	40620	2593	0.020	0.040	100	1.00	22.80	23.00	1.047	0.042
		Left	40620	2593	-1.250	0.022	100	1.00	22.80	23.00	1.047	0.023
		Right	40620	2593	0.880	0.010	100	1.00	22.80	23.00	1.047	0.010
		Top	40620	2593	2.400	0.019	100	1.00	22.80	23.00	1.047	0.020
		Bottom	40620	2593	3.510	0.007	100	1.00	22.80	23.00	1.047	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)
41-n78 (BW: 20MHz)	1RB	Left Cheek	40620	2593	-0.890	0.174	100	1.00	22.51	23.00	1.119	0.195
		Left Tilt	40620	2593	-1.070	0.213	100	1.00	22.51	23.00	1.119	0.238
		Right Cheek	40620	2593	3.340	0.259	100	1.00	22.51	23.00	1.119	0.290
		Right Tilt	40620	2593	0.770	0.382	100	1.00	22.51	23.00	1.119	0.428
	50%RB	Left Cheek	40620	2593	0.440	0.120	100	1.00	22.51	23.00	1.119	0.134
		Left Tilt	40620	2593	1.250	0.171	100	1.00	22.51	23.00	1.119	0.191
		Right Cheek	40620	2593	3.150	0.211	100	1.00	22.51	23.00	1.119	0.236
		Right Tilt	40620	2593	-1.250	0.279	100	1.00	22.51	23.00	1.119	0.312
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Front	40620	2593	-0.270	0.051	100	1.00	22.51	23.00	1.119	0.057
		Back	40620	2593	-0.810	0.069	100	1.00	22.51	23.00	1.119	0.077
		Left	40620	2593	1.550	0.046	100	1.00	22.51	23.00	1.119	0.051
		Right	40620	2593	-3.420	0.021	100	1.00	22.51	23.00	1.119	0.024
		Top	40620	2593	3.850	0.039	100	1.00	22.51	23.00	1.119	0.044
		Bottom	40620	2593	1.100	0.017	100	1.00	22.51	23.00	1.119	0.019
	50%RB	Front	40620	2593	0.580	0.024	100	1.00	22.51	23.00	1.119	0.027
		Back	40620	2593	1.380	0.037	100	1.00	22.51	23.00	1.119	0.041
		Left	40620	2593	1.230	0.019	100	1.00	22.51	23.00	1.119	0.021
		Right	40620	2593	0.250	0.009	100	1.00	22.51	23.00	1.119	0.010
		Top	40620	2593	1.250	0.016	100	1.00	22.51	23.00	1.119	0.018
		Bottom	40620	2593	3.400	0.007	100	1.00	22.51	23.00	1.119	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n7 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	2.600	0.173	100	1.00	22.97	23.00	1.007	0.174
		Left Tilt	132322	1755.0	0.710	0.228	100	1.00	22.97	23.00	1.007	0.230
		Right Cheek	132322	1755.0	-3.710	0.425	100	1.00	22.97	23.00	1.007	0.428
		Right Tilt	132322	1755.0	-1.800	0.487	100	1.00	22.97	23.00	1.007	0.490
	50%RB	Left Cheek	132322	1755.0	3.650	0.118	100	1.00	22.97	23.00	1.007	0.119
		Left Tilt	132322	1755.0	-2.670	0.139	100	1.00	22.97	23.00	1.007	0.140
		Right Cheek	132322	1755.0	0.620	0.227	100	1.00	22.97	23.00	1.007	0.229
		Right Tilt	132322	1755.0	-0.850	0.265	100	1.00	22.97	23.00	1.007	0.267
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132322	1755.0	0.880	0.073	100	1.00	22.97	23.00	1.007	0.074
		Back	132322	1755.0	-1.720	0.117	100	1.00	22.97	23.00	1.007	0.118
		Left	132322	1755.0	-4.740	0.059	100	1.00	22.97	23.00	1.007	0.059
		Right	132322	1755.0	-0.730	0.021	100	1.00	22.97	23.00	1.007	0.021
		Top	132322	1755.0	0.460	0.040	100	1.00	22.97	23.00	1.007	0.040
		Bottom	132322	1755.0	0.250	0.012	100	1.00	22.97	23.00	1.007	0.012
	50%RB	Front	132322	1755.0	0.990	0.047	100	1.00	22.97	23.00	1.007	0.047
		Back	132322	1755.0	-2.570	0.062	100	1.00	22.97	23.00	1.007	0.062
		Left	132322	1755.0	1.300	0.032	100	1.00	22.97	23.00	1.007	0.032
		Right	132322	1755.0	4.890	0.008	100	1.00	22.97	23.00	1.007	0.008
		Top	132322	1755.0	4.240	0.022	100	1.00	22.97	23.00	1.007	0.022
		Bottom	132322	1755.0	-1.530	0.005	100	1.00	22.97	23.00	1.007	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-n38 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	1.690	0.193	100	1.00	23.04	23.50	1.112	0.215
		Left Tilt	132322	1755.0	-0.250	0.217	100	1.00	23.04	23.50	1.112	0.241
		Right Cheek	132322	1755.0	0.850	0.426	100	1.00	23.04	23.50	1.112	0.474
		Right Tilt	132322	1755.0	1.250	0.478	100	1.00	23.04	23.50	1.112	0.531
	50%RB	Left Cheek	132322	1755.0	1.150	0.107	100	1.00	23.04	23.50	1.112	0.119
		Left Tilt	132322	1755.0	2.500	0.128	100	1.00	23.04	23.50	1.112	0.142
		Right Cheek	132322	1755.0	1.200	0.176	100	1.00	23.04	23.50	1.112	0.196
		Right Tilt	132322	1755.0	0.250	0.229	100	1.00	23.04	23.50	1.112	0.255
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	1755.0	-1.310	0.103	100	1.00	23.04	23.50	1.112	0.115
		Back	132322	1755.0	-2.290	0.116	100	1.00	23.04	23.50	1.112	0.129
		Left	132322	1755.0	2.440	0.089	100	1.00	23.04	23.50	1.112	0.099
		Right	132322	1755.0	-1.800	0.026	100	1.00	23.04	23.50	1.112	0.029
		Top	132322	1755.0	0.650	0.071	100	1.00	23.04	23.50	1.112	0.079
		Bottom	132322	1755.0	3.540	0.015	100	1.00	23.04	23.50	1.112	0.017
	50%RB	Front	132322	1755.0	1.250	0.032	100	1.00	23.04	23.50	1.112	0.036
		Back	132322	1755.0	0.500	0.057	100	1.00	23.04	23.50	1.112	0.063
		Left	132322	1755.0	0.470	0.020	100	1.00	23.04	23.50	1.112	0.022
		Right	132322	1755.0	3.250	0.009	100	1.00	23.04	23.50	1.112	0.010
		Top	132322	1755.0	-0.750	0.018	100	1.00	23.04	23.50	1.112	0.020
		Bottom	132322	1755.0	0.110	0.004	100	1.00	23.04	23.50	1.112	0.005

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	-0.350	0.256	100	1.00	24.28	24.50	1.052	0.269
		Left Tilt	132322	1755.0	-2.400	0.217	100	1.00	24.28	24.50	1.052	0.228
		Right Cheek	132322	1755.0	1.360	0.441	100	1.00	24.28	24.50	1.052	0.464
		Right Tilt	132322	1755.0	0.820	0.415	100	1.00	24.28	24.50	1.052	0.437
	50%RB	Left Cheek	132322	1755.0	1.440	0.143	100	1.00	24.28	24.50	1.052	0.150
		Left Tilt	132322	1755.0	3.250	0.129	100	1.00	24.28	24.50	1.052	0.136
		Right Cheek	132322	1755.0	-1.500	0.215	100	1.00	24.28	24.50	1.052	0.226
		Right Tilt	132322	1755.0	1.000	0.196	100	1.00	24.28	24.50	1.052	0.206
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Front	132322	1755.0	-4.080	0.106	100	1.00	24.28	24.50	1.052	0.112
		Back	132322	1755.0	1.720	0.115	100	1.00	24.28	24.50	1.052	0.121
		Left	132322	1755.0	-0.120	0.092	100	1.00	24.28	24.50	1.052	0.097
		Right	132322	1755.0	4.150	0.024	100	1.00	24.28	24.50	1.052	0.025
		Top	132322	1755.0	2.290	0.068	100	1.00	24.28	24.50	1.052	0.072
		Bottom	132322	1755.0	-3.940	0.017	100	1.00	24.28	24.50	1.052	0.018
	50%RB	Front	132322	1755.0	2.450	0.031	100	1.00	24.28	24.50	1.052	0.033
		Back	132322	1755.0	2.120	0.052	100	1.00	24.28	24.50	1.052	0.055
		Left	132322	1755.0	3.020	0.019	100	1.00	24.28	24.50	1.052	0.020
		Right	132322	1755.0	-0.750	0.007	100	1.00	24.28	24.50	1.052	0.007
		Top	132322	1755.0	0.540	0.016	100	1.00	24.28	24.50	1.052	0.017
		Bottom	132322	1755.0	1.200	0.005	100	1.00	24.28	24.50	1.052	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-n66 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	4.810	0.429	100	1.00	23.43	23.50	1.016	0.436
		Left Tilt	132322	1755.0	-4.810	0.307	100	1.00	23.43	23.50	1.016	0.312
		Right Cheek	132322	1755.0	0.240	0.495	100	1.00	23.43	23.50	1.016	0.503
		Right Tilt	132322	1755.0	1.250	0.368	100	1.00	23.43	23.50	1.016	0.374
	50%RB	Left Cheek	132322	1755.0	-2.340	0.226	100	1.00	23.43	23.50	1.016	0.230
		Left Tilt	132322	1755.0	2.550	0.149	100	1.00	23.43	23.50	1.016	0.151
		Right Cheek	132322	1755.0	-2.740	0.287	100	1.00	23.43	23.50	1.016	0.292
		Right Tilt	132322	1755.0	-3.770	0.176	100	1.00	23.43	23.50	1.016	0.179
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n66 (BW: 20MHz)	1RB	Front	132322	1755.0	-1.060	0.108	100	1.00	23.43	23.50	1.016	0.110
		Back	132322	1755.0	-1.980	0.149	100	1.00	23.43	23.50	1.016	0.151
		Left	132322	1755.0	-0.050	0.073	100	1.00	23.43	23.50	1.016	0.074
		Right	132322	1755.0	2.710	0.018	100	1.00	23.43	23.50	1.016	0.018
		Top	132322	1755.0	2.660	0.054	100	1.00	23.43	23.50	1.016	0.055
		Bottom	132322	1755.0	2.730	0.025	100	1.00	23.43	23.50	1.016	0.025
	50%RB	Front	132322	1755.0	4.090	0.054	100	1.00	23.43	23.50	1.016	0.055
		Back	132322	1755.0	-0.160	0.076	100	1.00	23.43	23.50	1.016	0.077
		Left	132322	1755.0	4.860	0.037	100	1.00	23.43	23.50	1.016	0.038
		Right	132322	1755.0	-2.210	0.014	100	1.00	23.43	23.50	1.016	0.014
		Top	132322	1755.0	1.400	0.030	100	1.00	23.43	23.50	1.016	0.030
		Bottom	132322	1755.0	-1.860	0.018	100	1.00	23.43	23.50	1.016	0.018

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132322	1755.0	-1.230	0.315	100	1.00	22.84	23.00	1.038	0.327
		Left Tilt	132322	1755.0	2.110	0.332	100	1.00	22.84	23.00	1.038	0.344
		Right Cheek	132322	1755.0	1.660	0.522	100	1.00	22.84	23.00	1.038	0.542
		Right Tilt	132322	1755.0	0.860	0.555	100	1.00	22.84	23.00	1.038	0.576
	50%RB	Left Cheek	132322	1755.0	-0.750	0.213	100	1.00	22.84	23.00	1.038	0.221
		Left Tilt	132322	1755.0	1.220	0.236	100	1.00	22.84	23.00	1.038	0.245
		Right Cheek	132322	1755.0	1.450	0.394	100	1.00	22.84	23.00	1.038	0.409
		Right Tilt	132322	1755.0	0.680	0.406	100	1.00	22.84	23.00	1.038	0.421
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132322	1755.0	4.220	0.119	100	1.00	22.84	23.00	1.038	0.123
		Back	132322	1755.0	1.600	0.135	100	1.00	22.84	23.00	1.038	0.140
		Left	132322	1755.0	-4.790	0.087	100	1.00	22.84	23.00	1.038	0.090
		Right	132322	1755.0	-1.750	0.029	100	1.00	22.84	23.00	1.038	0.030
		Top	132322	1755.0	2.220	0.065	100	1.00	22.84	23.00	1.038	0.067
		Bottom	132322	1755.0	-3.160	0.019	100	1.00	22.84	23.00	1.038	0.020
	50%RB	Front	132322	1755.0	1.210	0.052	100	1.00	22.84	23.00	1.038	0.054
		Back	132322	1755.0	-0.680	0.073	100	1.00	22.84	23.00	1.038	0.076
		Left	132322	1755.0	1.250	0.034	100	1.00	22.84	23.00	1.038	0.035
		Right	132322	1755.0	-1.750	0.014	100	1.00	22.84	23.00	1.038	0.015
		Top	132322	1755.0	2.100	0.027	100	1.00	22.84	23.00	1.038	0.028
		Bottom	132322	1755.0	3.500	0.007	100	1.00	22.84	23.00	1.038	0.007

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n78 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	-0.650	0.365	100	1.00	23.35	23.50	1.035	0.378
		Left Tilt	132322	1755.0	0.190	0.347	100	1.00	23.35	23.50	1.035	0.359
		Right Cheek	132322	1755.0	1.440	0.523	100	1.00	23.35	23.50	1.035	0.541
		Right Tilt	132322	1755.0	1.320	0.496	100	1.00	23.35	23.50	1.035	0.513
	50%RB	Left Cheek	132322	1755.0	0.590	0.297	100	1.00	23.35	23.50	1.035	0.307
		Left Tilt	132322	1755.0	0.750	0.243	100	1.00	23.35	23.50	1.035	0.252
		Right Cheek	132322	1755.0	0.410	0.452	100	1.00	23.35	23.50	1.035	0.468
		Right Tilt	132322	1755.0	-1.710	0.412	100	1.00	23.35	23.50	1.035	0.426
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	1755.0	0.520	0.121	100	1.00	23.35	23.50	1.035	0.125
		Back	132322	1755.0	-2.510	0.133	100	1.00	23.35	23.50	1.035	0.138
		Left	132322	1755.0	-0.150	0.093	100	1.00	23.35	23.50	1.035	0.096
		Right	132322	1755.0	0.330	0.021	100	1.00	23.35	23.50	1.035	0.022
		Top	132322	1755.0	4.730	0.071	100	1.00	23.35	23.50	1.035	0.073
		Bottom	132322	1755.0	-2.720	0.014	100	1.00	23.35	23.50	1.035	0.014
	50%RB	Front	132322	1755.0	-1.200	0.049	100	1.00	23.35	23.50	1.035	0.051
		Back	132322	1755.0	-3.700	0.072	100	1.00	23.35	23.50	1.035	0.075
		Left	132322	1755.0	-1.730	0.035	100	1.00	23.35	23.50	1.035	0.036
		Right	132322	1755.0	0.150	0.009	100	1.00	23.35	23.50	1.035	0.009
		Top	132322	1755.0	1.320	0.030	100	1.00	23.35	23.50	1.035	0.031
		Bottom	132322	1755.0	1.700	0.003	100	1.00	23.35	23.50	1.035	0.003

11.3.4 Results overview of WiFi

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2.4g (2.4~2.4835) 802.11ax20	Left Cheek	11	2462	0.130	0.382	100	1.00	22.33	22.50	1.040	0.397
	Left Tilt	11	2462	0.010	0.207	100	1.00	22.33	22.50	1.040	0.215
	Right Cheek	11	2462	0.050	0.617	100	1.00	22.33	22.50	1.040	0.642
	Right Tilt	11	2462	0.080	0.251	100	1.00	22.33	22.50	1.040	0.261
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) 802.11ax20	Front	11	2462	0.010	0.026	100	1.00	22.33	22.50	1.040	0.027
	Back	11	2462	-0.080	0.039	100	1.00	22.33	22.50	1.040	0.041
	Left	11	2462	-0.060	0.019	100	1.00	22.33	22.50	1.040	0.020
	Right	11	2462	0.030	0.005	100	1.00	22.33	22.50	1.040	0.005
	Top	11	2462	-0.010	0.015	100	1.00	22.33	22.50	1.040	0.016
	Bottom	11	2462	-0.050	0.003	100	1.00	22.33	22.50	1.040	0.003

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 5180-5240 802.11ax160	Left Cheek	48	5240	0.070	0.255	100	1.00	14.70	15.00	1.072	0.273
	Left Tilt	48	5240	0.060	0.686	100	1.00	14.70	15.00	1.072	0.735
	Right Cheek	48	5240	-0.050	0.149	100	1.00	14.70	15.00	1.072	0.160
	Right Tilt	48	5240	-0.060	0.266	100	1.00	14.70	15.00	1.072	0.285
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 802.11ax160	Front	48	5240	0.160	0.119	100	1.00	14.70	15.00	1.072	0.128
	Back	48	5240	-0.090	0.142	100	1.00	14.70	15.00	1.072	0.152
	Left	48	5240	-0.060	0.041	100	1.00	14.70	15.00	1.072	0.044
	Right	48	5240	0.010	0.095	100	1.00	14.70	15.00	1.072	0.102
	Top	48	5240	0.000	0.101	100	1.00	14.70	15.00	1.072	0.108
	Bottom	48	5240	0.090	0.015	100	1.00	14.70	15.00	1.072	0.016

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11a	Left Cheek	54	5270	0.020	0.156	100	1.00	14.10	14.50	1.096	0.171
	Left Tilt	54	5270	-0.060	0.404	100	1.00	14.10	14.50	1.096	0.443
	Right Cheek	54	5270	-0.070	0.073	100	1.00	14.10	14.50	1.096	0.080
	Right Tilt	54	5270	0.090	0.149	100	1.00	14.10	14.50	1.096	0.163
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 802.11a	Front	54	5270	0.030	0.152	100	1.00	14.10	14.50	1.096	0.167
	Back	54	5270	0.010	0.185	100	1.00	14.10	14.50	1.096	0.203
	Left	54	5270	0.040	0.037	100	1.00	14.10	14.50	1.096	0.041
	Right	54	5270	-0.050	0.128	100	1.00	14.10	14.50	1.096	0.140
	Top	54	5270	0.010	0.115	100	1.00	14.10	14.50	1.096	0.126
	Bottom	54	5270	-0.060	0.019	100	1.00	14.10	14.50	1.096	0.021

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 802.11x160	Left Cheek	100	5500	-0.020	0.239	100	1.00	14.00	14.50	1.122	0.268
	Left Tilt	100	5500	0.030	0.356	100	1.00	14.00	14.50	1.122	0.399
	Right Cheek	100	5500	0.160	0.093	100	1.00	14.00	14.50	1.122	0.104
	Right Tilt	100	5500	-0.180	0.106	100	1.00	14.00	14.50	1.122	0.119
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 802.11x160	Front	100	5500	-0.070	0.086	100	1.00	14.00	14.50	1.122	0.096
	Back	100	5500	0.200	0.104	100	1.00	14.00	14.50	1.122	0.117
	Left	100	5500	-0.050	0.028	100	1.00	14.00	14.50	1.122	0.031
	Right	100	5500	0.020	0.079	100	1.00	14.00	14.50	1.122	0.089
	Top	100	5500	0.040	0.065	100	1.00	14.00	14.50	1.122	0.073
	Bottom	100	5500	0.090	0.005	100	1.00	14.00	14.50	1.122	0.006

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11n20	Left Cheek	159	5795	0.190	0.230	100	1.00	14.84	15.00	1.038	0.239
	Left Tilt	159	5795	0.170	0.398	100	1.00	14.84	15.00	1.038	0.413
	Right Cheek	159	5795	0.030	0.085	100	1.00	14.84	15.00	1.038	0.088
	Right Tilt	159	5795	-0.070	0.142	100	1.00	14.84	15.00	1.038	0.147
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 802.11n20	Front	159	5795	-0.190	0.131	100	1.00	14.84	15.00	1.038	0.136
	Back	159	5795	0.160	0.169	100	1.00	14.84	15.00	1.038	0.175
	Left	159	5795	0.060	0.051	100	1.00	14.84	15.00	1.038	0.053
	Right	159	5795	-0.070	0.098	100	1.00	14.84	15.00	1.038	0.102
	Top	159	5795	0.010	0.114	100	1.00	14.84	15.00	1.038	0.118
	Bottom	159	5795	0.020	0.015	100	1.00	14.84	15.00	1.038	0.016

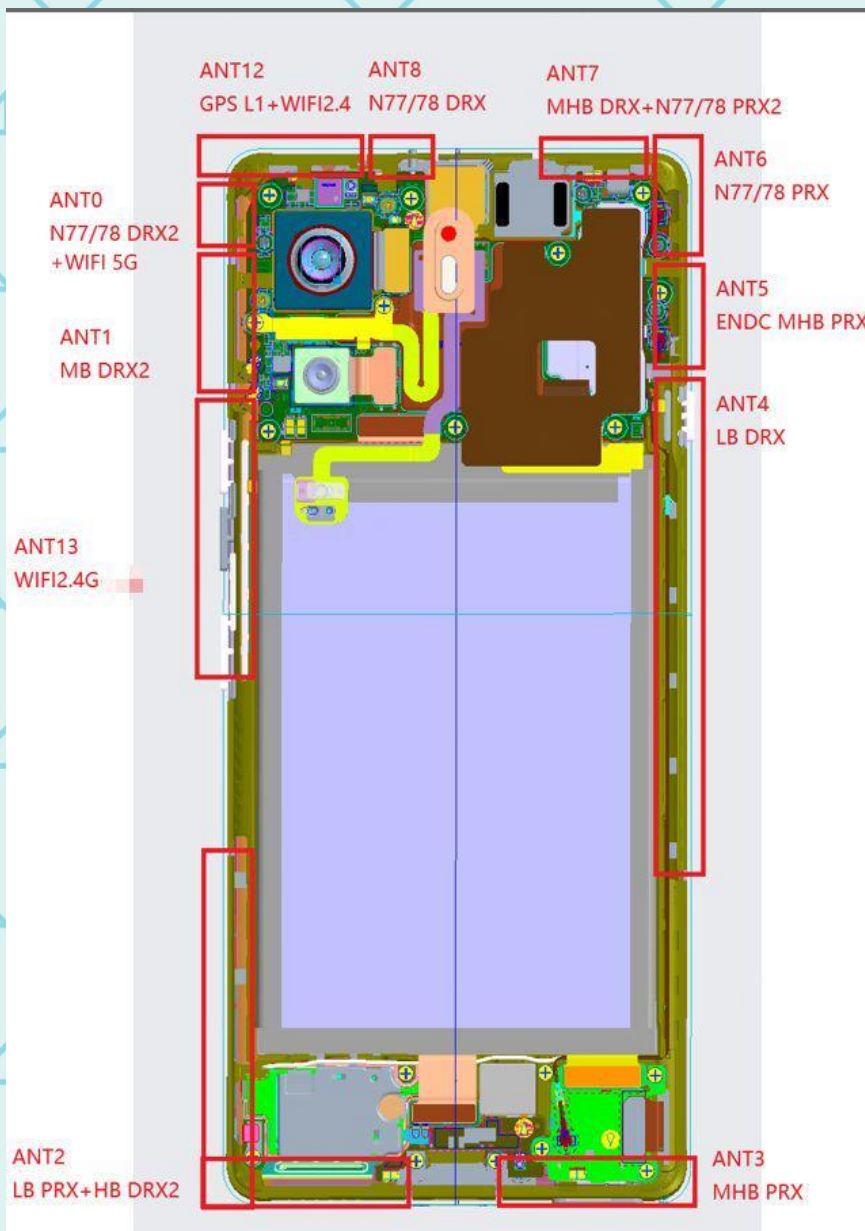
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Left Cheek	39	2441	0.050	0.080	100	1.00	10.37	10.50	1.030	0.082
	Left Tilt	39	2441	0.100	0.090	100	1.00	10.37	10.50	1.030	0.093
	Right Cheek	39	2441	-0.500	0.068	100	1.00	10.37	10.50	1.030	0.070
	Right Tilt	39	2441	0.500	0.076	100	1.00	10.37	10.50	1.030	0.078
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Front	39	2441	-0.010	0.028	100	1.00	10.37	10.50	1.030	0.029
	Back	39	2441	0.080	0.040	100	1.00	10.37	10.50	1.030	0.041
	Left	39	2441	-0.060	0.020	100	1.00	10.37	10.50	1.030	0.021
	Right	39	2441	-0.040	0.025	100	1.00	10.37	10.50	1.030	0.026
	Top	39	2441	-0.050	0.013	100	1.00	10.37	10.50	1.030	0.013
	Bottom	39	2441	0.190	0.004	100	1.00	10.37	10.50	1.030	0.004

Note:

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

12 Multiple Transmitter Information

The SAR measurement positions of each side are as below:



< Rear Side >

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

- 1) Per KDB941225 D06V01r01, the DUT Dimension is bigger than 9 cm x 5 cm, so 10mm is chosen as the test separation distance for Hotspot mode. When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

12.1 Simultaneous Transmission Possibilities

The Simultaneous Transmission Possibilities are as below:

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

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

12.1.1 SAR Summation Scenario

Head

Band	Test Position	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 SAR 1g(W/kg)			
GSM850 (voice)	Left Cheek	0.202	0.397	0.273	0.082	0.599	1.6
	Left Tilt	0.106	0.215	0.735	0.093	0.321	
	Right Cheek	0.171	0.642	0.160	0.070	0.813	
	Right Tilt	0.091	0.261	0.285	0.078	0.352	
GSM1900 (voice)	Left Cheek	0.061	0.397	0.273	0.082	0.458	
	Left Tilt	0.043	0.215	0.735	0.093	0.258	
	Right Cheek	0.061	0.642	0.160	0.070	0.703	
	Right Tilt	0.041	0.261	0.285	0.078	0.302	
WCDMA Band 2	Left Cheek	0.025	0.397	0.273	0.082	0.422	
	Left Tilt	0.015	0.215	0.735	0.093	0.230	
	Right Cheek	0.032	0.642	0.160	0.070	0.674	
	Right Tilt	0.018	0.261	0.285	0.078	0.279	
WCDMA Band 4	Left Cheek	0.041	0.397	0.273	0.082	0.438	
	Left Tilt	0.029	0.215	0.735	0.093	0.244	
	Right Cheek	0.050	0.642	0.160	0.070	0.692	
	Right Tilt	0.038	0.261	0.285	0.078	0.299	
WCDMA Band 5	Left Cheek	0.134	0.397	0.273	0.082	0.531	
	Left Tilt	0.057	0.215	0.735	0.093	0.272	
	Right Cheek	0.138	0.642	0.160	0.070	0.780	
	Right Tilt	0.071	0.261	0.285	0.078	0.332	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 1g(W/kg))			
LTE Band 2 QPSK (20MHz)	Left Cheek	1RB	0.030	0.397	0.273	0.082	0.427	1.6
	Left Tilt		0.019	0.215	0.735	0.093	0.234	
	Right Cheek		0.034	0.642	0.160	0.070	0.676	
	Right Tilt		0.022	0.261	0.285	0.078	0.283	
	Left Cheek	50%RB	0.020	0.397	0.273	0.082	0.417	
	Left Tilt		0.011	0.215	0.735	0.093	0.226	
	Right Cheek		0.029	0.642	0.160	0.070	0.671	
	Right Tilt		0.014	0.261	0.285	0.078	0.275	
LTE Band 4 QPSK (20MHz)	Left Cheek	1RB	0.031	0.397	0.273	0.082	0.428	
	Left Tilt		0.013	0.215	0.735	0.093	0.228	
	Right Cheek		0.034	0.642	0.160	0.070	0.676	
	Right Tilt		0.016	0.261	0.285	0.078	0.277	
	Left Cheek	50%RB	0.026	0.397	0.273	0.082	0.423	
	Left Tilt		0.006	0.215	0.735	0.093	0.221	
	Right Cheek		0.027	0.642	0.160	0.070	0.669	
	Right Tilt		0.010	0.261	0.285	0.078	0.271	
LTE Band 5 QPSK (10MHz)	Left Cheek	1RB	0.103	0.397	0.273	0.082	0.500	
	Left Tilt		0.062	0.215	0.735	0.093	0.277	
	Right Cheek		0.095	0.642	0.160	0.070	0.737	
	Right Tilt		0.050	0.261	0.285	0.078	0.311	
	Left Cheek	50%RB	0.094	0.397	0.273	0.082	0.491	
	Left Tilt		0.056	0.215	0.735	0.093	0.271	
	Right Cheek		0.082	0.642	0.160	0.070	0.724	
	Right Tilt		0.042	0.261	0.285	0.078	0.303	
LTE Band 7 QPSK (10MHz)	Left Cheek	1RB	0.033	0.397	0.273	0.082	0.430	
	Left Tilt		0.017	0.215	0.735	0.093	0.232	
	Right Cheek		0.019	0.642	0.160	0.070	0.661	
	Right Tilt		0.008	0.261	0.285	0.078	0.269	
	Left Cheek	50%RB	0.025	0.397	0.273	0.082	0.422	
	Left Tilt		0.011	0.215	0.735	0.093	0.226	
	Right Cheek		0.014	0.642	0.160	0.070	0.656	
	Right Tilt		0.003	0.261	0.285	0.078	0.264	
LTE Band 12 QPSK (10MHz)	Left Cheek	1RB	0.044	0.397	0.273	0.082	0.441	
	Left Tilt		0.019	0.215	0.735	0.093	0.234	
	Right Cheek		0.048	0.642	0.160	0.070	0.690	
	Right Tilt		0.025	0.261	0.285	0.078	0.286	
	Left Cheek	50%RB	0.040	0.397	0.273	0.082	0.437	
	Left Tilt		0.016	0.215	0.735	0.093	0.231	
	Right Cheek		0.045	0.642	0.160	0.070	0.687	
	Right Tilt		0.022	0.261	0.285	0.078	0.283	
LTE Band 17 QPSK (10MHz)	Left Cheek	1RB	0.047	0.397	0.273	0.082	0.444	
	Left Tilt		0.017	0.215	0.735	0.093	0.232	
	Right Cheek		0.051	0.642	0.160	0.070	0.693	
	Right Tilt		0.028	0.261	0.285	0.078	0.289	
	Left Cheek	50%RB	0.044	0.397	0.273	0.082	0.441	
	Left Tilt		0.018	0.215	0.735	0.093	0.233	
	Right Cheek		0.049	0.642	0.160	0.070	0.691	
	Right Tilt		0.024	0.261	0.285	0.078	0.285	
LTE Band 38 QPSK (20MHz)	Left Cheek	1RB	0.059	0.397	0.273	0.082	0.456	
	Left Tilt		0.024	0.215	0.735	0.093	0.239	
	Right Cheek		0.033	0.642	0.160	0.070	0.675	
	Right Tilt		0.020	0.261	0.285	0.078	0.281	
	Left Cheek	50%RB	0.055	0.397	0.273	0.082	0.452	
	Left Tilt		0.021	0.215	0.735	0.093	0.236	
	Right Cheek		0.038	0.642	0.160	0.070	0.680	
	Right Tilt		0.017	0.261	0.285	0.078	0.278	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
LTE Band 41 QPSK (20MHz)	Left Cheek	1RB	0.065	0.397	0.273	0.082	0.462	1.6
	Left Tilt		0.044	0.215	0.735	0.093	0.259	
	Right Cheek		0.035	0.642	0.160	0.070	0.677	
	Right Tilt		0.024	0.261	0.285	0.078	0.285	
	Left Cheek	50%RB	0.051	0.397	0.273	0.082	0.448	
	Left Tilt		0.037	0.215	0.735	0.093	0.252	
	Right Cheek		0.031	0.642	0.160	0.070	0.673	
	Right Tilt		0.021	0.261	0.285	0.078	0.282	
LTE Band 42 QPSK (20MHz)	Left Cheek	1RB	0.109	0.397	0.273	0.082	0.506	
	Left Tilt		0.204	0.215	0.735	0.093	0.419	
	Right Cheek		0.226	0.642	0.160	0.070	0.868	
	Right Tilt		0.584	0.261	0.285	0.078	0.845	
	Left Cheek	50%RB	0.066	0.397	0.273	0.082	0.463	
	Left Tilt		0.121	0.215	0.735	0.093	0.336	
	Right Cheek		0.160	0.642	0.160	0.070	0.802	
	Right Tilt		0.491	0.261	0.285	0.078	0.752	
LTE Band 66 QPSK (20MHz)	Left Cheek	1RB	0.036	0.397	0.273	0.082	0.433	
	Left Tilt		0.017	0.215	0.735	0.093	0.232	
	Right Cheek		0.031	0.642	0.160	0.070	0.673	
	Right Tilt		0.011	0.261	0.285	0.078	0.272	
	Left Cheek	50%RB	0.028	0.397	0.273	0.082	0.425	
	Left Tilt		0.011	0.215	0.735	0.093	0.226	
	Right Cheek		0.024	0.642	0.160	0.070	0.666	
	Right Tilt		0.004	0.261	0.285	0.078	0.265	
NR Band 5	Left Cheek	1RB	0.036	0.397	0.273	0.082	0.433	
	Left Tilt		0.017	0.215	0.735	0.093	0.232	
	Right Cheek		0.031	0.642	0.160	0.070	0.673	
	Right Tilt		0.011	0.261	0.285	0.078	0.272	
	Left Cheek	50%RB	0.028	0.397	0.273	0.082	0.425	
	Left Tilt		0.011	0.215	0.735	0.093	0.226	
	Right Cheek		0.024	0.642	0.160	0.070	0.666	
	Right Tilt		0.004	0.261	0.285	0.078	0.265	
NR Band 7	Left Cheek	1RB	0.161	0.397	0.273	0.082	0.558	
	Left Tilt		0.092	0.215	0.735	0.093	0.307	
	Right Cheek		0.109	0.642	0.160	0.070	0.751	
	Right Tilt		0.069	0.261	0.285	0.078	0.330	
	Left Cheek	50%RB	0.084	0.397	0.273	0.082	0.481	
	Left Tilt		0.040	0.215	0.735	0.093	0.255	
	Right Cheek		0.055	0.642	0.160	0.070	0.697	
	Right Tilt		0.031	0.261	0.285	0.078	0.292	
NR Band 12	Left Cheek	1RB	0.063	0.397	0.273	0.082	0.460	
	Left Tilt		0.029	0.215	0.735	0.093	0.244	
	Right Cheek		0.056	0.642	0.160	0.070	0.698	
	Right Tilt		0.025	0.261	0.285	0.078	0.286	
	Left Cheek	50%RB	0.043	0.397	0.273	0.082	0.440	
	Left Tilt		0.020	0.215	0.735	0.093	0.235	
	Right Cheek		0.038	0.642	0.160	0.070	0.680	
	Right Tilt		0.017	0.261	0.285	0.078	0.278	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
NR Band38	Left Cheek	1RB	0.029	0.397	0.273	0.082	0.426	1.6
	Left Tilt		0.017	0.215	0.735	0.093	0.232	
	Right Cheek		0.022	0.642	0.160	0.070	0.664	
	Right Tilt	50%RB	0.012	0.261	0.285	0.078	0.273	
	Left Cheek		0.015	0.397	0.273	0.082	0.412	
	Left Tilt		0.010	0.215	0.735	0.093	0.225	
	Right Cheek		0.014	0.642	0.160	0.070	0.656	
NR Band41	Right Tilt	1RB	0.007	0.261	0.285	0.078	0.268	
	Left Cheek		0.017	0.397	0.273	0.082	0.414	
	Left Tilt		0.007	0.215	0.735	0.093	0.222	
	Right Cheek	50%RB	0.008	0.642	0.160	0.070	0.650	
	Right Tilt		0.002	0.261	0.285	0.078	0.263	
	Left Cheek		0.082	0.397	0.273	0.082	0.479	
	Left Tilt		0.043	0.215	0.735	0.093	0.258	
NR Band66	Right Cheek	1RB	0.088	0.642	0.160	0.070	0.730	
	Right Tilt		0.053	0.261	0.285	0.078	0.314	
	Left Cheek		0.052	0.397	0.273	0.082	0.449	
	Left Tilt	50%RB	0.030	0.215	0.735	0.093	0.245	
	Right Cheek		0.055	0.642	0.160	0.070	0.697	
	Right Tilt		0.034	0.261	0.285	0.078	0.295	
	Left Cheek		0.011	0.397	0.273	0.082	0.408	
NR Band71	Left Tilt	1RB	0.004	0.215	0.735	0.093	0.219	
	Right Cheek		0.010	0.642	0.160	0.070	0.652	
	Right Tilt		0.003	0.261	0.285	0.078	0.264	
	Left Cheek	50%RB	0.007	0.397	0.273	0.082	0.404	
	Left Tilt		0.003	0.215	0.735	0.093	0.218	
	Right Cheek		0.004	0.642	0.160	0.070	0.646	
	Right Tilt		0.002	0.261	0.285	0.078	0.263	
NR Band77	Left Cheek	1RB	0.113	0.397	0.273	0.082	0.510	
	Left Tilt		0.168	0.215	0.735	0.093	0.383	
	Right Cheek		0.240	0.642	0.160	0.070	0.882	
	Right Tilt	50%RB	0.439	0.261	0.285	0.078	0.700	
	Left Cheek		0.059	0.397	0.273	0.082	0.456	
	Left Tilt		0.073	0.215	0.735	0.093	0.288	
	Right Cheek		0.107	0.642	0.160	0.070	0.749	
NR Band77	Right Tilt	1RB	0.155	0.261	0.285	0.078	0.416	
	Left Cheek		0.095	0.397	0.273	0.082	0.492	
	Left Tilt		0.124	0.215	0.735	0.093	0.339	
	Right Cheek	50%RB	0.219	0.642	0.160	0.070	0.861	
	Right Tilt		0.360	0.261	0.285	0.078	0.621	
	Left Cheek		0.051	0.397	0.273	0.082	0.448	
	Left Tilt		0.068	0.215	0.735	0.093	0.283	
NR Band77	Right Cheek	1RB	0.110	0.642	0.160	0.070	0.752	
	Right Tilt		0.165	0.261	0.285	0.078	0.426	
	Left Cheek		0.060	0.397	0.273	0.082	0.457	
	Left Tilt	50%RB	0.149	0.215	0.735	0.093	0.364	
	Right Cheek		0.217	0.642	0.160	0.070	0.859	
	Right Tilt		0.365	0.261	0.285	0.078	0.626	
	Left Cheek		0.046	0.397	0.273	0.082	0.443	
NR Band78	Left Tilt	1RB	0.069	0.215	0.735	0.093	0.284	
	Right Cheek		0.103	0.642	0.160	0.070	0.745	
	Right Tilt		0.143	0.261	0.285	0.078	0.404	
	Left Cheek	50%RB	0.211	0.397	0.273	0.082	0.608	
	Left Tilt		0.291	0.215	0.735	0.093	0.506	
	Right Cheek		0.249	0.642	0.160	0.070	0.891	
	Right Tilt		0.434	0.261	0.285	0.078	0.695	
	Left Cheek	1RB	0.118	0.397	0.273	0.082	0.515	
	Left Tilt		0.171	0.215	0.735	0.093	0.386	
	Right Cheek		0.132	0.642	0.160	0.070	0.774	
	Right Tilt	50%RB	0.210	0.261	0.285	0.078	0.471	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
NR Band78	Left Cheek	1RB	0.117	0.397	0.273	0.082	0.514	1.6
	Left Tilt		0.152	0.215	0.735	0.093	0.367	
	Right Cheek		0.211	0.642	0.160	0.070	0.853	
	Right Tilt		0.393	0.261	0.285	0.078	0.654	
	Left Cheek	50%RB	0.053	0.397	0.273	0.082	0.450	
	Left Tilt		0.079	0.215	0.735	0.093	0.294	
	Right Cheek		0.110	0.642	0.160	0.070	0.752	
	Right Tilt		0.172	0.261	0.285	0.078	0.433	
NR Band78	Left Cheek	1RB	0.088	0.397	0.273	0.082	0.485	
	Left Tilt		0.155	0.215	0.735	0.093	0.370	
	Right Cheek		0.167	0.642	0.160	0.070	0.809	
	Right Tilt		0.398	0.261	0.285	0.078	0.659	
	Left Cheek	50%RB	0.049	0.397	0.273	0.082	0.446	
	Left Tilt		0.083	0.215	0.735	0.093	0.298	
	Right Cheek		0.098	0.642	0.160	0.070	0.740	
	Right Tilt		0.146	0.261	0.285	0.078	0.407	
2-n7	Left Cheek	1RB	0.416	0.397	0.273	0.082	0.813	
	Left Tilt		0.450	0.215	0.735	0.093	0.665	
	Right Cheek		0.490	0.642	0.160	0.070	1.132	
	Right Tilt		0.579	0.261	0.285	0.078	0.840	
	Left Cheek	50%RB	0.229	0.397	0.273	0.082	0.626	
	Left Tilt		0.256	0.215	0.735	0.093	0.471	
	Right Cheek		0.299	0.642	0.160	0.070	0.941	
	Right Tilt		0.375	0.261	0.285	0.078	0.636	
2-n66	Left Cheek	1RB	0.568	0.397	0.273	0.082	0.965	
	Left Tilt		0.315	0.215	0.735	0.093	0.530	
	Right Cheek		0.696	0.642	0.160	0.070	1.338	
	Right Tilt		0.368	0.261	0.285	0.078	0.629	
	Left Cheek	50%RB	0.336	0.397	0.273	0.082	0.733	
	Left Tilt		0.179	0.215	0.735	0.093	0.394	
	Right Cheek		0.401	0.642	0.160	0.070	1.043	
	Right Tilt		0.243	0.261	0.285	0.078	0.504	
2-n78	Left Cheek	1RB	0.653	0.397	0.273	0.082	1.050	
	Left Tilt		0.334	0.215	0.735	0.093	0.549	
	Right Cheek		0.761	0.642	0.160	0.070	1.403	
	Right Tilt		0.448	0.261	0.285	0.078	0.709	
	Left Cheek	50%RB	0.321	0.397	0.273	0.082	0.718	
	Left Tilt		0.176	0.215	0.735	0.093	0.391	
	Right Cheek		0.410	0.642	0.160	0.070	1.052	
	Right Tilt		0.224	0.261	0.285	0.078	0.485	
4-n7	Left Cheek	1RB	0.084	0.397	0.273	0.082	0.481	
	Left Tilt		0.067	0.215	0.735	0.093	0.282	
	Right Cheek		0.137	0.642	0.160	0.070	0.779	
	Right Tilt		0.117	0.261	0.285	0.078	0.378	
	Left Cheek	50%RB	0.058	0.397	0.273	0.082	0.455	
	Left Tilt		0.049	0.215	0.735	0.093	0.264	
	Right Cheek		0.091	0.642	0.160	0.070	0.733	
	Right Tilt		0.068	0.261	0.285	0.078	0.329	
4-n41	Left Cheek	1RB	0.085	0.397	0.273	0.082	0.482	
	Left Tilt		0.070	0.215	0.735	0.093	0.285	
	Right Cheek		0.120	0.642	0.160	0.070	0.762	
	Right Tilt		0.107	0.261	0.285	0.078	0.368	
	Left Cheek	50%RB	0.053	0.397	0.273	0.082	0.450	
	Left Tilt		0.045	0.215	0.735	0.093	0.260	
	Right Cheek		0.074	0.642	0.160	0.070	0.716	
	Right Tilt		0.059	0.261	0.285	0.078	0.320	
4-n78	Left Cheek	1RB	0.155	0.397	0.273	0.082	0.552	
	Left Tilt		0.134	0.215	0.735	0.093	0.349	
	Right Cheek		0.193	0.642	0.160	0.070	0.835	
	Right Tilt		0.293	0.261	0.285	0.078	0.554	
	Left Cheek	50%RB	0.126	0.397	0.273	0.082	0.523	
	Left Tilt		0.096	0.215	0.735	0.093	0.311	
	Right Cheek		0.134	0.642	0.160	0.070	0.776	
	Right Tilt		0.176	0.261	0.285	0.078	0.437	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
5-n7	Left Cheek	1RB	0.089	0.397	0.273	0.082	0.486	1.6
	Left Tilt		0.042	0.215	0.735	0.093	0.257	
	Right Cheek		0.061	0.642	0.160	0.070	0.703	
	Right Tilt		0.034	0.261	0.285	0.078	0.295	
	Left Cheek	50%RB	0.056	0.397	0.273	0.082	0.453	
	Left Tilt		0.016	0.215	0.735	0.093	0.231	
	Right Cheek		0.041	0.642	0.160	0.070	0.683	
	Right Tilt		0.014	0.261	0.285	0.078	0.275	
5-n38	Left Cheek	1RB	0.067	0.397	0.273	0.082	0.464	
	Left Tilt		0.040	0.215	0.735	0.093	0.255	
	Right Cheek		0.050	0.642	0.160	0.070	0.692	
	Right Tilt		0.032	0.261	0.285	0.078	0.293	
	Left Cheek	50%RB	0.038	0.397	0.273	0.082	0.435	
	Left Tilt		0.015	0.215	0.735	0.093	0.230	
	Right Cheek		0.024	0.642	0.160	0.070	0.666	
	Right Tilt		0.011	0.261	0.285	0.078	0.272	
5-n41	Left Cheek	1RB	0.071	0.397	0.273	0.082	0.468	
	Left Tilt		0.057	0.215	0.735	0.093	0.272	
	Right Cheek		0.052	0.642	0.160	0.070	0.694	
	Right Tilt		0.035	0.261	0.285	0.078	0.296	
	Left Cheek	50%RB	0.045	0.397	0.273	0.082	0.442	
	Left Tilt		0.023	0.215	0.735	0.093	0.238	
	Right Cheek		0.030	0.642	0.160	0.070	0.672	
	Right Tilt		0.014	0.261	0.285	0.078	0.275	
5-n66	Left Cheek	1RB	0.078	0.397	0.273	0.082	0.475	
	Left Tilt		0.037	0.215	0.735	0.093	0.252	
	Right Cheek		0.057	0.642	0.160	0.070	0.699	
	Right Tilt		0.030	0.261	0.285	0.078	0.291	
	Left Cheek	50%RB	0.042	0.397	0.273	0.082	0.439	
	Left Tilt		0.017	0.215	0.735	0.093	0.232	
	Right Cheek		0.024	0.642	0.160	0.070	0.666	
	Right Tilt		0.014	0.261	0.285	0.078	0.275	
5-n77	Left Cheek	1RB	0.077	0.397	0.273	0.082	0.474	
	Left Tilt		0.122	0.215	0.735	0.093	0.337	
	Right Cheek		0.138	0.642	0.160	0.070	0.780	
	Right Tilt		0.156	0.261	0.285	0.078	0.417	
	Left Cheek	50%RB	0.062	0.397	0.273	0.082	0.459	
	Left Tilt		0.065	0.215	0.735	0.093	0.280	
	Right Cheek		0.072	0.642	0.160	0.070	0.714	
	Right Tilt		0.086	0.261	0.285	0.078	0.347	
5-n78	Left Cheek	1RB	0.081	0.397	0.273	0.082	0.478	
	Left Tilt		0.138	0.215	0.735	0.093	0.353	
	Right Cheek		0.151	0.642	0.160	0.070	0.793	
	Right Tilt		0.178	0.261	0.285	0.078	0.439	
	Left Cheek	50%RB	0.066	0.397	0.273	0.082	0.463	
	Left Tilt		0.113	0.215	0.735	0.093	0.328	
	Right Cheek		0.124	0.642	0.160	0.070	0.766	
	Right Tilt		0.150	0.261	0.285	0.078	0.411	
7-n7	Left Cheek	1RB	0.224	0.397	0.273	0.082	0.621	
	Left Tilt		0.319	0.215	0.735	0.093	0.534	
	Right Cheek		0.410	0.642	0.160	0.070	1.052	
	Right Tilt		0.577	0.261	0.285	0.078	0.838	
	Left Cheek	50%RB	0.096	0.397	0.273	0.082	0.493	
	Left Tilt		0.170	0.215	0.735	0.093	0.385	
	Right Cheek		0.264	0.642	0.160	0.070	0.906	
	Right Tilt		0.421	0.261	0.285	0.078	0.682	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
7-n66	Left Cheek	1RB	0.611	0.397	0.273	0.082	1.008	1.6
	Left Tilt		0.563	0.215	0.735	0.093	0.778	
	Right Cheek		0.786	0.642	0.160	0.070	1.428	
	Right Tilt		0.763	0.261	0.285	0.078	1.024	
	Left Cheek	50%RB	0.298	0.397	0.273	0.082	0.695	
	Left Tilt		0.257	0.215	0.735	0.093	0.472	
	Right Cheek		0.454	0.642	0.160	0.070	1.096	
	Right Tilt		0.423	0.261	0.285	0.078	0.684	
7-n77	Left Cheek	1RB	0.434	0.397	0.273	0.082	0.831	
	Left Tilt		0.498	0.215	0.735	0.093	0.713	
	Right Cheek		0.759	0.642	0.160	0.070	1.401	
	Right Tilt		0.783	0.261	0.285	0.078	1.044	
	Left Cheek	50%RB	0.252	0.397	0.273	0.082	0.649	
	Left Tilt		0.315	0.215	0.735	0.093	0.530	
	Right Cheek		0.387	0.642	0.160	0.070	1.029	
	Right Tilt		0.413	0.261	0.285	0.078	0.674	
7-n78	Left Cheek	1RB	0.389	0.397	0.273	0.082	0.786	
	Left Tilt		0.471	0.215	0.735	0.093	0.686	
	Right Cheek		0.684	0.642	0.160	0.070	1.326	
	Right Tilt		0.723	0.261	0.285	0.078	0.984	
	Left Cheek	50%RB	0.192	0.397	0.273	0.082	0.589	
	Left Tilt		0.225	0.215	0.735	0.093	0.440	
	Right Cheek		0.331	0.642	0.160	0.070	0.973	
	Right Tilt		0.372	0.261	0.285	0.078	0.633	
38-n78	Left Cheek	1RB	0.209	0.397	0.273	0.082	0.606	
	Left Tilt		0.323	0.215	0.735	0.093	0.538	
	Right Cheek		0.366	0.642	0.160	0.070	1.008	
	Right Tilt		0.444	0.261	0.285	0.078	0.705	
	Left Cheek	50%RB	0.169	0.397	0.273	0.082	0.566	
	Left Tilt		0.228	0.215	0.735	0.093	0.443	
	Right Cheek		0.247	0.642	0.160	0.070	0.889	
	Right Tilt		0.310	0.261	0.285	0.078	0.571	
41-n41	Left Cheek	1RB	0.193	0.397	0.273	0.082	0.590	
	Left Tilt		0.222	0.215	0.735	0.093	0.437	
	Right Cheek		0.245	0.642	0.160	0.070	0.887	
	Right Tilt		0.299	0.261	0.285	0.078	0.560	
	Left Cheek	50%RB	0.071	0.397	0.273	0.082	0.468	
	Left Tilt		0.090	0.215	0.735	0.093	0.305	
	Right Cheek		0.129	0.642	0.160	0.070	0.771	
	Right Tilt		0.158	0.261	0.285	0.078	0.419	
41-n77	Left Cheek	1RB	0.205	0.397	0.273	0.082	0.602	
	Left Tilt		0.265	0.215	0.735	0.093	0.480	
	Right Cheek		0.270	0.642	0.160	0.070	0.912	
	Right Tilt		0.413	0.261	0.285	0.078	0.674	
	Left Cheek	50%RB	0.163	0.397	0.273	0.082	0.560	
	Left Tilt		0.172	0.215	0.735	0.093	0.387	
	Right Cheek		0.212	0.642	0.160	0.070	0.854	
	Right Tilt		0.292	0.261	0.285	0.078	0.553	
41-n78	Left Cheek	1RB	0.195	0.397	0.273	0.082	0.592	
	Left Tilt		0.238	0.215	0.735	0.093	0.453	
	Right Cheek		0.290	0.642	0.160	0.070	0.932	
	Right Tilt		0.428	0.261	0.285	0.078	0.689	
	Left Cheek	50%RB	0.134	0.397	0.273	0.082	0.531	
	Left Tilt		0.191	0.215	0.735	0.093	0.406	
	Right Cheek		0.236	0.642	0.160	0.070	0.878	
	Right Tilt		0.312	0.261	0.285	0.078	0.573	

Band	Test Position	Scaled SAR				BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
66-n7	Left Cheek	1RB	0.174	0.397	0.273	0.082	0.571	1.6
	Left Tilt		0.230	0.215	0.735	0.093	0.445	
	Right Cheek		0.428	0.642	0.160	0.070	1.070	
	Right Tilt		0.490	0.261	0.285	0.078	0.751	
	Left Cheek	50%RB	0.119	0.397	0.273	0.082	0.516	
	Left Tilt		0.140	0.215	0.735	0.093	0.355	
	Right Cheek		0.229	0.642	0.160	0.070	0.871	
	Right Tilt		0.267	0.261	0.285	0.078	0.528	
66-n38	Left Cheek	1RB	0.215	0.397	0.273	0.082	0.612	
	Left Tilt		0.241	0.215	0.735	0.093	0.456	
	Right Cheek		0.474	0.642	0.160	0.070	1.116	
	Right Tilt		0.531	0.261	0.285	0.078	0.792	
	Left Cheek	50%RB	0.119	0.397	0.273	0.082	0.516	
	Left Tilt		0.142	0.215	0.735	0.093	0.357	
	Right Cheek		0.196	0.642	0.160	0.070	0.838	
	Right Tilt		0.255	0.261	0.285	0.078	0.516	
66-n41	Left Cheek	1RB	0.269	0.397	0.273	0.082	0.666	
	Left Tilt		0.228	0.215	0.735	0.093	0.443	
	Right Cheek		0.464	0.642	0.160	0.070	1.106	
	Right Tilt		0.437	0.261	0.285	0.078	0.698	
	Left Cheek	50%RB	0.150	0.397	0.273	0.082	0.547	
	Left Tilt		0.136	0.215	0.735	0.093	0.351	
	Right Cheek		0.226	0.642	0.160	0.070	0.868	
	Right Tilt		0.206	0.261	0.285	0.078	0.467	
66-n66	Left Cheek	1RB	0.436	0.397	0.273	0.082	0.833	
	Left Tilt		0.312	0.215	0.735	0.093	0.527	
	Right Cheek		0.503	0.642	0.160	0.070	1.145	
	Right Tilt		0.374	0.261	0.285	0.078	0.635	
	Left Cheek	50%RB	0.230	0.397	0.273	0.082	0.627	
	Left Tilt		0.151	0.215	0.735	0.093	0.366	
	Right Cheek		0.292	0.642	0.160	0.070	0.934	
	Right Tilt		0.179	0.261	0.285	0.078	0.440	
66-n77	Left Cheek	1RB	0.327	0.397	0.273	0.082	0.724	
	Left Tilt		0.344	0.215	0.735	0.093	0.559	
	Right Cheek		0.542	0.642	0.160	0.070	1.184	
	Right Tilt		0.576	0.261	0.285	0.078	0.837	
	Left Cheek	50%RB	0.221	0.397	0.273	0.082	0.618	
	Left Tilt		0.245	0.215	0.735	0.093	0.460	
	Right Cheek		0.409	0.642	0.160	0.070	1.051	
	Right Tilt		0.421	0.261	0.285	0.078	0.682	
66-n78	Left Cheek	1RB	0.378	0.397	0.273	0.082	0.775	
	Left Tilt		0.359	0.215	0.735	0.093	0.574	
	Right Cheek		0.541	0.642	0.160	0.070	1.183	
	Right Tilt		0.513	0.261	0.285	0.078	0.774	
	Left Cheek	50%RB	0.307	0.397	0.273	0.082	0.704	
	Left Tilt		0.252	0.215	0.735	0.093	0.467	
	Right Cheek		0.468	0.642	0.160	0.070	1.110	
	Right Tilt		0.426	0.261	0.285	0.078	0.687	

Hotspot(body-worn10mm)

Band	Test Position	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 2 1g(W/kg)			
GSM850 (GPRS 4slots)	Front	0.390	0.027	0.167	0.029	0.417	1.6
	Back	0.434	0.041	0.203	0.041	0.475	
	Left	0.138	0.020	0.041	0.021	0.158	
	right	0.311	0.005	0.140	0.026	0.316	
	Top	0.053	0.016	0.126	0.013	0.069	
	Bottom	0.192	0.003	0.021	0.004	0.195	
GSM1900 (GPRS 4slots)	Front	0.469	0.027	0.167	0.029	0.496	
	Back	0.537	0.041	0.203	0.041	0.578	
	Left	0.319	0.020	0.041	0.021	0.339	
	right	0.139	0.005	0.140	0.026	0.144	
	Top	0.023	0.016	0.126	0.013	0.039	
	Bottom	0.418	0.003	0.021	0.004	0.421	
WCDMA Band 2	Front	0.187	0.027	0.167	0.029	0.214	
	Back	0.278	0.041	0.203	0.041	0.319	
	Left	0.130	0.020	0.041	0.021	0.150	
	right	0.041	0.005	0.140	0.026	0.046	
	Top	0.003	0.016	0.126	0.013	0.019	
	Bottom	0.161	0.003	0.021	0.004	0.164	
WCDMA Band 4	Front	0.242	0.027	0.167	0.029	0.269	
	Back	0.336	0.041	0.203	0.041	0.377	
	Left	0.176	0.020	0.041	0.021	0.196	
	right	0.063	0.005	0.140	0.026	0.068	
	Top	0.009	0.016	0.126	0.013	0.025	
	Bottom	0.192	0.003	0.021	0.004	0.195	
WCDMA Band 5	Front	0.245	0.027	0.167	0.029	0.272	
	Back	0.359	0.041	0.203	0.041	0.400	
	Left	0.177	0.020	0.041	0.021	0.197	
	right	0.105	0.005	0.140	0.026	0.110	
	Top	0.035	0.016	0.126	0.013	0.051	
	Bottom	0.173	0.003	0.021	0.004	0.176	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 2 1g(W/kg)			
LTE Band 2	Front	1RB	0.181	0.027	0.167	0.029	0.208	1.6
	Back		0.283	0.041	0.203	0.041	0.324	
	Left		0.132	0.020	0.041	0.021	0.152	
	right		0.045	0.005	0.140	0.026	0.050	
	Top		0.006	0.016	0.126	0.013	0.022	
	Bottom		0.194	0.003	0.021	0.004	0.197	
	Front	50%RB	0.156	0.027	0.167	0.029	0.183	
	Back		0.255	0.041	0.203	0.041	0.296	
	Left		0.116	0.020	0.041	0.021	0.136	
	right		0.038	0.005	0.140	0.026	0.043	
	Top		0.003	0.016	0.126	0.013	0.019	
	Bottom		0.169	0.003	0.021	0.004	0.172	
LTE Band 4	Front	1RB	0.172	0.027	0.167	0.029	0.199	
	Back		0.259	0.041	0.203	0.041	0.300	
	Left		0.124	0.020	0.041	0.021	0.144	
	right		0.044	0.005	0.140	0.026	0.049	
	Top		0.005	0.016	0.126	0.013	0.021	
	Bottom		0.179	0.003	0.021	0.004	0.182	
	Front	50%RB	0.162	0.027	0.167	0.029	0.189	
	Back		0.217	0.041	0.203	0.041	0.258	
	Left		0.110	0.020	0.041	0.021	0.130	
	right		0.039	0.005	0.140	0.026	0.044	
	Top		0.003	0.016	0.126	0.013	0.019	
	Bottom		0.176	0.003	0.021	0.004	0.179	
LTE Band 5	Front	1RB	0.184	0.027	0.167	0.029	0.211	
	Back		0.278	0.041	0.203	0.041	0.319	
	Left		0.068	0.020	0.041	0.021	0.088	
	right		0.137	0.005	0.140	0.026	0.142	
	Top		0.023	0.016	0.126	0.013	0.039	
	Bottom		0.206	0.003	0.021	0.004	0.209	
	Front	50%RB	0.169	0.027	0.167	0.029	0.196	
	Back		0.217	0.041	0.203	0.041	0.258	
	Left		0.055	0.020	0.041	0.021	0.075	
	right		0.128	0.005	0.140	0.026	0.133	
	Top		0.016	0.016	0.126	0.013	0.032	
	Bottom		0.172	0.003	0.021	0.004	0.175	
LTE Band 7	Front	1RB	0.152	0.027	0.167	0.029	0.179	
	Back		0.213	0.041	0.203	0.041	0.254	
	Left		0.124	0.020	0.041	0.021	0.144	
	right		0.039	0.005	0.140	0.026	0.044	
	Top		0.006	0.016	0.126	0.013	0.022	
	Bottom		0.171	0.003	0.021	0.004	0.174	
	Front	50%RB	0.138	0.027	0.167	0.029	0.165	
	Back		0.190	0.041	0.203	0.041	0.231	
	Left		0.114	0.020	0.041	0.021	0.134	
	right		0.032	0.005	0.140	0.026	0.037	
	Top		0.002	0.016	0.126	0.013	0.018	
	Bottom		0.161	0.003	0.021	0.004	0.164	

LTE Band 12	Front	1RB	0.154	0.027	0.167	0.029	0.181	1.6
	Back		0.190	0.041	0.203	0.041	0.231	
	Left		0.053	0.020	0.041	0.021	0.073	
	right		0.104	0.005	0.140	0.026	0.109	
	Top		0.015	0.016	0.126	0.013	0.031	
	Bottom		0.110	0.003	0.021	0.004	0.113	
	Front	50%RB	0.148	0.027	0.167	0.029	0.175	
	Back		0.184	0.041	0.203	0.041	0.225	
	Left		0.051	0.020	0.041	0.021	0.071	
	right		0.101	0.005	0.140	0.026	0.106	
	Top		0.012	0.016	0.126	0.013	0.028	
	Bottom		0.106	0.003	0.021	0.004	0.109	
LTE Band 17	Front	1RB	0.175	0.027	0.167	0.029	0.202	
	Back		0.206	0.041	0.203	0.041	0.247	
	Left		0.052	0.020	0.041	0.021	0.072	
	right		0.115	0.005	0.140	0.026	0.120	
	Top		0.012	0.016	0.126	0.013	0.028	
	Bottom		0.124	0.003	0.021	0.004	0.127	
	Front	50%RB	0.172	0.027	0.167	0.029	0.199	
	Back		0.202	0.041	0.203	0.041	0.243	
	Left		0.050	0.020	0.041	0.021	0.070	
	right		0.111	0.005	0.140	0.026	0.116	
	Top		0.011	0.016	0.126	0.013	0.027	
	Bottom		0.120	0.003	0.021	0.004	0.123	
LTE Band 38	Front	1RB	0.374	0.027	0.167	0.029	0.401	
	Back		0.467	0.041	0.203	0.041	0.508	
	Left		0.133	0.020	0.041	0.021	0.153	
	right		0.338	0.005	0.140	0.026	0.343	
	Top		0.016	0.016	0.126	0.013	0.032	
	Bottom		0.312	0.003	0.021	0.004	0.315	
	Front	50%RB	0.363	0.027	0.167	0.029	0.390	
	Back		0.445	0.041	0.203	0.041	0.486	
	Left		0.124	0.020	0.041	0.021	0.144	
	right		0.326	0.005	0.140	0.026	0.331	
	Top		0.020	0.016	0.126	0.013	0.036	
	Bottom		0.298	0.003	0.021	0.004	0.301	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 2) 1g(W/kg)			
LTE Band 41	Front	1RB	0.176	0.027	0.167	0.029	0.203	1.6
	Back		0.275	0.041	0.203	0.041	0.316	
	Left		0.185	0.020	0.041	0.021	0.205	
	right		0.061	0.005	0.140	0.026	0.066	
	Top		0.015	0.016	0.126	0.013	0.031	
	Bottom		0.242	0.003	0.021	0.004	0.245	
	Front	50%RB	0.150	0.027	0.167	0.029	0.177	
	Back		0.253	0.041	0.203	0.041	0.294	
	Left		0.157	0.020	0.041	0.021	0.177	
	right		0.054	0.005	0.140	0.026	0.059	
	Top		0.011	0.016	0.126	0.013	0.027	
	Bottom		0.196	0.003	0.021	0.004	0.199	
LTE Band 42	Front	1RB	0.067	0.027	0.167	0.029	0.094	
	Back		0.087	0.041	0.203	0.041	0.128	
	Left		0.058	0.020	0.041	0.021	0.078	
	right		0.017	0.005	0.140	0.026	0.022	
	Top		0.072	0.016	0.126	0.013	0.088	
	Bottom		0.003	0.003	0.021	0.004	0.006	
	Front	50%RB	0.059	0.027	0.167	0.029	0.086	
	Back		0.076	0.041	0.203	0.041	0.117	
	Left		0.043	0.020	0.041	0.021	0.063	
	right		0.009	0.005	0.140	0.026	0.014	
	Top		0.066	0.016	0.126	0.013	0.082	
	Bottom		0.002	0.003	0.021	0.004	0.005	
LTE Band 66	Front	1RB	0.178	0.027	0.167	0.029	0.205	
	Back		0.299	0.041	0.203	0.041	0.340	
	Left		0.121	0.020	0.041	0.021	0.141	
	right		0.036	0.005	0.140	0.026	0.041	
	Top		0.187	0.016	0.126	0.013	0.203	
	Bottom		0.014	0.003	0.021	0.004	0.017	
	Front	50%RB	0.146	0.027	0.167	0.029	0.173	
	Back		0.259	0.041	0.203	0.041	0.300	
	Left		0.107	0.020	0.041	0.021	0.127	
	right		0.028	0.005	0.140	0.026	0.033	
	Top		0.166	0.016	0.126	0.013	0.182	
	Bottom		0.010	0.003	0.021	0.004	0.013	
N5	Front	1RB	0.197	0.027	0.167	0.029	0.224	
	Back		0.261	0.041	0.203	0.041	0.302	
	Left		0.088	0.020	0.041	0.021	0.108	
	right		0.031	0.005	0.140	0.026	0.036	
	Top		0.016	0.016	0.126	0.013	0.032	
	Bottom		0.095	0.003	0.021	0.004	0.098	
	Front	50%RB	0.097	0.027	0.167	0.029	0.124	
	Back		0.144	0.041	0.203	0.041	0.185	
	Left		0.039	0.020	0.041	0.021	0.059	
	right		0.016	0.005	0.140	0.026	0.021	
	Top		0.006	0.016	0.126	0.013	0.022	
	Bottom		0.051	0.003	0.021	0.004	0.054	

N7	Front	1RB	0.134	0.027	0.167	0.029	0.161	1.6
	Back		0.255	0.041	0.203	0.041	0.296	
	Left		0.067	0.020	0.041	0.021	0.087	
	right		0.026	0.005	0.140	0.026	0.031	
	Top		0.016	0.016	0.126	0.013	0.032	
	Bottom		0.084	0.003	0.021	0.004	0.087	
	Front	50%RB	0.065	0.027	0.167	0.029	0.092	
	Back		0.132	0.041	0.203	0.041	0.173	
	Left		0.030	0.020	0.041	0.021	0.050	
	right		0.014	0.005	0.140	0.026	0.019	
	Top		0.006	0.016	0.126	0.013	0.022	
	Bottom		0.037	0.003	0.021	0.004	0.040	
N12	Front	1RB	0.099	0.027	0.167	0.029	0.126	
	Back		0.165	0.041	0.203	0.041	0.206	
	Left		0.058	0.020	0.041	0.021	0.078	
	right		0.013	0.005	0.140	0.026	0.018	
	Top		0.021	0.016	0.126	0.013	0.037	
	Bottom		0.052	0.003	0.021	0.004	0.055	
	Front	50%RB	0.056	0.027	0.167	0.029	0.083	
	Back		0.085	0.041	0.203	0.041	0.126	
	Left		0.033	0.020	0.041	0.021	0.053	
	right		0.006	0.005	0.140	0.026	0.011	
	Top		0.003	0.016	0.126	0.013	0.019	
	Bottom		0.044	0.003	0.021	0.004	0.047	
N38	Front	1RB	0.162	0.027	0.167	0.029	0.189	
	Back		0.186	0.041	0.203	0.041	0.227	
	Left		0.140	0.020	0.041	0.021	0.160	
	right		0.029	0.005	0.140	0.026	0.034	
	Top		0.109	0.016	0.126	0.013	0.125	
	Bottom		0.020	0.003	0.021	0.004	0.023	
	Front	50%RB	0.105	0.027	0.167	0.029	0.132	
	Back		0.159	0.041	0.203	0.041	0.200	
	Left		0.072	0.020	0.041	0.021	0.092	
	right		0.019	0.005	0.140	0.026	0.024	
	Top		0.065	0.016	0.126	0.013	0.081	
	Bottom		0.024	0.003	0.021	0.004	0.027	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 2 1g(W/kg)			
N41	Front	1RB	0.161	0.027	0.167	0.029	0.188	1.6
	Back		0.184	0.041	0.203	0.041	0.225	
	Left		0.137	0.020	0.041	0.021	0.157	
	right		0.030	0.005	0.140	0.026	0.035	
	Top		0.022	0.016	0.126	0.013	0.038	
	Bottom		0.111	0.003	0.021	0.004	0.114	
	Front	50%RB	0.041	0.027	0.167	0.029	0.068	
	Back		0.070	0.041	0.203	0.041	0.111	
	Left		0.027	0.020	0.041	0.021	0.047	
	right		0.010	0.005	0.140	0.026	0.015	
	Top		0.003	0.016	0.126	0.013	0.019	
	Bottom		0.031	0.003	0.021	0.004	0.034	
N66	Front	1RB	0.210	0.027	0.167	0.029	0.237	
	Back		0.273	0.041	0.203	0.041	0.314	
	Left		0.171	0.020	0.041	0.021	0.191	
	right		0.027	0.005	0.140	0.026	0.032	
	Top		0.018	0.016	0.126	0.013	0.034	
	Bottom		0.128	0.003	0.021	0.004	0.131	
	Front	50%RB	0.121	0.027	0.167	0.029	0.148	
	Back		0.153	0.041	0.203	0.041	0.194	
	Left		0.086	0.020	0.041	0.021	0.106	
	right		0.014	0.005	0.140	0.026	0.019	
	Top		0.007	0.016	0.126	0.013	0.023	
	Bottom		0.054	0.003	0.021	0.004	0.057	
N71	Front	1RB	0.035	0.027	0.167	0.029	0.062	
	Back		0.047	0.041	0.203	0.041	0.088	
	Left		0.017	0.020	0.041	0.021	0.037	
	right		0.008	0.005	0.140	0.026	0.013	
	Top		0.005	0.016	0.126	0.013	0.021	
	Bottom		0.026	0.003	0.021	0.004	0.029	
	Front	50%RB	0.016	0.027	0.167	0.029	0.043	
	Back		0.026	0.041	0.203	0.041	0.067	
	Left		0.008	0.020	0.041	0.021	0.028	
	right		0.003	0.005	0.140	0.026	0.008	
	Top		0.002	0.016	0.126	0.013	0.018	
	Bottom		0.010	0.003	0.021	0.004	0.013	
N77	Front	1RB	0.035	0.027	0.167	0.029	0.062	
	Back		0.074	0.041	0.203	0.041	0.115	
	Left		0.025	0.020	0.041	0.021	0.045	
	right		0.011	0.005	0.140	0.026	0.016	
	Top		0.024	0.016	0.126	0.013	0.040	
	Bottom		0.014	0.003	0.021	0.004	0.017	
	Front	50%RB	0.020	0.027	0.167	0.029	0.047	
	Back		0.044	0.041	0.203	0.041	0.085	
	Left		0.016	0.020	0.041	0.021	0.036	
	right		0.004	0.005	0.140	0.026	0.009	
	Top		0.013	0.016	0.126	0.013	0.029	
	Bottom		0.008	0.003	0.021	0.004	0.011	
N77	Front	1RB	0.052	0.027	0.167	0.029	0.079	
	Back		0.064	0.041	0.203	0.041	0.105	
	Left		0.041	0.020	0.041	0.021	0.061	
	right		0.021	0.005	0.140	0.026	0.026	
	Top		0.036	0.016	0.126	0.013	0.052	
	Bottom		0.017	0.003	0.021	0.004	0.020	
	Front	50%RB	0.018	0.027	0.167	0.029	0.045	
	Back		0.034	0.041	0.203	0.041	0.075	
	Left		0.013	0.020	0.041	0.021	0.033	
	right		0.007	0.005	0.140	0.026	0.012	
	Top		0.011	0.016	0.126	0.013	0.027	
	Bottom		0.005	0.003	0.021	0.004	0.008	

N77	Front	1RB	0.050	0.027	0.167	0.029	0.077	1.6
	Back		0.078	0.041	0.203	0.041	0.119	
	Left		0.038	0.020	0.041	0.021	0.058	
	right		0.013	0.005	0.140	0.026	0.018	
	Top		0.031	0.016	0.126	0.013	0.047	
	Bottom	50%RB	0.011	0.003	0.021	0.004	0.014	
	Front		0.028	0.027	0.167	0.029	0.055	
	Back		0.048	0.041	0.203	0.041	0.089	
	Left		0.016	0.020	0.041	0.021	0.036	
	right		0.006	0.005	0.140	0.026	0.011	
N78	Top	1RB	0.013	0.016	0.126	0.013	0.029	
	Bottom		0.003	0.003	0.021	0.004	0.006	
	Front		0.050	0.027	0.167	0.029	0.077	
	Back		0.074	0.041	0.203	0.041	0.115	
	Left		0.035	0.020	0.041	0.021	0.055	
	right	50%RB	0.021	0.005	0.140	0.026	0.026	
	Top		0.027	0.016	0.126	0.013	0.043	
	Bottom		0.014	0.003	0.021	0.004	0.017	
	Front		0.027	0.027	0.167	0.029	0.054	
	Back		0.047	0.041	0.203	0.041	0.088	
N78	Left	1RB	0.023	0.020	0.041	0.021	0.043	
	right		0.012	0.005	0.140	0.026	0.017	
	Top		0.017	0.016	0.126	0.013	0.033	
	Bottom		0.008	0.003	0.021	0.004	0.011	
	Front		0.044	0.027	0.167	0.029	0.071	
	Back	50%RB	0.058	0.041	0.203	0.041	0.099	
	Left		0.032	0.020	0.041	0.021	0.052	
	right		0.019	0.005	0.140	0.026	0.024	
	Top		0.025	0.016	0.126	0.013	0.041	
	Bottom		0.015	0.003	0.021	0.004	0.018	
N78	Front	1RB	0.018	0.027	0.167	0.029	0.045	
	Back		0.030	0.041	0.203	0.041	0.071	
	Left		0.013	0.020	0.041	0.021	0.033	
	right		0.008	0.005	0.140	0.026	0.013	
	Top		0.005	0.016	0.126	0.013	0.021	
	Bottom	50%RB	0.002	0.003	0.021	0.004	0.005	
	Front		0.044	0.027	0.167	0.029	0.071	
	Back		0.058	0.041	0.203	0.041	0.099	
	Left		0.037	0.020	0.041	0.021	0.057	
	right		0.022	0.005	0.140	0.026	0.027	
2-n7	Top	1RB	0.029	0.016	0.126	0.013	0.045	
	Bottom		0.020	0.003	0.021	0.004	0.023	
	Front		0.015	0.027	0.167	0.029	0.042	
	Back		0.027	0.041	0.203	0.041	0.068	
	Left		0.012	0.020	0.041	0.021	0.032	
	right	50%RB	0.005	0.005	0.140	0.026	0.010	
	Top		0.008	0.016	0.126	0.013	0.024	
	Bottom		0.010	0.003	0.021	0.004	0.013	
	Front		0.184	0.027	0.167	0.029	0.211	
	Back		0.253	0.041	0.203	0.041	0.294	
2-n7	Left	1RB	0.125	0.020	0.041	0.021	0.145	
	right		0.040	0.005	0.140	0.026	0.045	
	Top		0.087	0.016	0.126	0.013	0.103	
	Bottom		0.049	0.003	0.021	0.004	0.052	
	Front		0.090	0.027	0.167	0.029	0.117	
	Back	50%RB	0.125	0.041	0.203	0.041	0.166	
	Left		0.063	0.020	0.041	0.021	0.083	
	right		0.019	0.005	0.140	0.026	0.024	
	Top		0.048	0.016	0.126	0.013	0.064	
	Bottom		0.027	0.003	0.021	0.004	0.030	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 2) 1g(W/kg)			
2-n66	Front	1RB	0.169	0.027	0.167	0.029	0.196	1.6
	Back		0.250	0.041	0.203	0.041	0.291	
	Left		0.129	0.020	0.041	0.021	0.149	
	right		0.029	0.005	0.140	0.026	0.034	
	Top		0.088	0.016	0.126	0.013	0.104	
	Bottom		0.046	0.003	0.021	0.004	0.049	
	Front	50%RB	0.074	0.027	0.167	0.029	0.101	
	Back		0.122	0.041	0.203	0.041	0.163	
	Left		0.051	0.020	0.041	0.021	0.071	
	right		0.016	0.005	0.140	0.026	0.021	
	Top		0.039	0.016	0.126	0.013	0.055	
	Bottom		0.024	0.003	0.021	0.004	0.027	
2-n78	Front	1RB	0.284	0.027	0.167	0.029	0.311	
	Back		0.413	0.041	0.203	0.041	0.454	
	Left		0.202	0.020	0.041	0.021	0.222	
	right		0.038	0.005	0.140	0.026	0.043	
	Top		0.158	0.016	0.126	0.013	0.174	
	Bottom		0.070	0.003	0.021	0.004	0.073	
	Front	50%RB	0.160	0.027	0.167	0.029	0.187	
	Back		0.227	0.041	0.203	0.041	0.268	
	Left		0.102	0.020	0.041	0.021	0.122	
	right		0.020	0.005	0.140	0.026	0.025	
	Top		0.085	0.016	0.126	0.013	0.101	
	Bottom		0.030	0.003	0.021	0.004	0.033	
4-n7	Front	1RB	0.191	0.027	0.167	0.029	0.218	1.6
	Back		0.242	0.041	0.203	0.041	0.283	
	Left		0.127	0.020	0.041	0.021	0.147	
	right		0.033	0.005	0.140	0.026	0.038	
	Top		0.085	0.016	0.126	0.013	0.101	
	Bottom		0.050	0.003	0.021	0.004	0.053	
	Front	50%RB	0.078	0.027	0.167	0.029	0.105	
	Back		0.136	0.041	0.203	0.041	0.177	
	Left		0.059	0.020	0.041	0.021	0.079	
	right		0.020	0.005	0.140	0.026	0.025	
	Top		0.043	0.016	0.126	0.013	0.059	
	Bottom		0.024	0.003	0.021	0.004	0.027	
4-n41	Front	1RB	0.034	0.027	0.167	0.029	0.061	
	Back		0.057	0.041	0.203	0.041	0.098	
	Left		0.031	0.020	0.041	0.021	0.051	
	right		0.012	0.005	0.140	0.026	0.017	
	Top		0.019	0.016	0.126	0.013	0.035	
	Bottom		0.008	0.003	0.021	0.004	0.011	
	Front	50%RB	0.020	0.027	0.167	0.029	0.047	
	Back		0.039	0.041	0.203	0.041	0.080	
	Left		0.013	0.020	0.041	0.021	0.033	
	right		0.008	0.005	0.140	0.026	0.013	
	Top		0.011	0.016	0.126	0.013	0.027	
	Bottom		0.003	0.003	0.021	0.004	0.006	
4-n78	Front	1RB	0.172	0.027	0.167	0.029	0.199	1.6
	Back		0.228	0.041	0.203	0.041	0.269	
	Left		0.124	0.020	0.041	0.021	0.144	
	right		0.032	0.005	0.140	0.026	0.037	
	Top		0.082	0.016	0.126	0.013	0.098	
	Bottom		0.053	0.003	0.021	0.004	0.056	
	Front	50%RB	0.078	0.027	0.167	0.029	0.105	
	Back		0.117	0.041	0.203	0.041	0.158	
	Left		0.046	0.020	0.041	0.021	0.066	
	right		0.015	0.005	0.140	0.026	0.020	
	Top		0.040	0.016	0.126	0.013	0.056	
	Bottom		0.022	0.003	0.021	0.004	0.025	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WiFi2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 2) 1g(W/kg)			
5-n7	Front	1RB	0.179	0.027	0.167	0.029	0.206	1.6
	Back		0.261	0.041	0.203	0.041	0.302	
	Left		0.034	0.020	0.041	0.021	0.054	
	right		0.134	0.005	0.140	0.026	0.139	
	Top		0.033	0.016	0.126	0.013	0.049	
	Bottom		0.153	0.003	0.021	0.004	0.156	
	Front	50%RB	0.072	0.027	0.167	0.029	0.099	
	Back		0.127	0.041	0.203	0.041	0.168	
	Left		0.021	0.020	0.041	0.021	0.041	
	right		0.046	0.005	0.140	0.026	0.051	
	Top		0.013	0.016	0.126	0.013	0.029	
	Bottom		0.058	0.003	0.021	0.004	0.061	
5-n38	Front	1RB	0.120	0.027	0.167	0.029	0.147	
	Back		0.161	0.041	0.203	0.041	0.202	
	Left		0.020	0.020	0.041	0.021	0.040	
	right		0.069	0.005	0.140	0.026	0.074	
	Top		0.022	0.016	0.126	0.013	0.038	
	Bottom		0.099	0.003	0.021	0.004	0.102	
	Front	50%RB	0.057	0.027	0.167	0.029	0.084	
	Back		0.083	0.041	0.203	0.041	0.124	
	Left		0.014	0.020	0.041	0.021	0.034	
	right		0.034	0.005	0.140	0.026	0.039	
	Top		0.015	0.016	0.126	0.013	0.031	
	Bottom		0.069	0.003	0.021	0.004	0.072	
5-n41	Front	1RB	0.115	0.027	0.167	0.029	0.142	
	Back		0.159	0.041	0.203	0.041	0.200	
	Left		0.020	0.020	0.041	0.021	0.040	
	right		0.077	0.005	0.140	0.026	0.082	
	Top		0.017	0.016	0.126	0.013	0.033	
	Bottom		0.086	0.003	0.021	0.004	0.089	
	Front	50%RB	0.052	0.027	0.167	0.029	0.079	
	Back		0.079	0.041	0.203	0.041	0.120	
	Left		0.011	0.020	0.041	0.021	0.031	
	right		0.038	0.005	0.140	0.026	0.043	
	Top		0.006	0.016	0.126	0.013	0.022	
	Bottom		0.044	0.003	0.021	0.004	0.047	
5-n66	Front	1RB	0.189	0.027	0.167	0.029	0.216	
	Back		0.264	0.041	0.203	0.041	0.305	
	Left		0.149	0.020	0.041	0.021	0.169	
	right		0.028	0.005	0.140	0.026	0.033	
	Top		0.133	0.016	0.126	0.013	0.149	
	Bottom		0.041	0.003	0.021	0.004	0.044	
	Front	50%RB	0.074	0.027	0.167	0.029	0.101	
	Back		0.153	0.041	0.203	0.041	0.194	
	Left		0.054	0.020	0.041	0.021	0.074	
	right		0.015	0.005	0.140	0.026	0.020	
	Top		0.048	0.016	0.126	0.013	0.064	
	Bottom		0.020	0.003	0.021	0.004	0.023	
5-n77	Front	1RB	0.078	0.027	0.167	0.029	0.105	
	Back		0.118	0.041	0.203	0.041	0.159	
	Left		0.073	0.020	0.041	0.021	0.093	
	right		0.016	0.005	0.140	0.026	0.021	
	Top		0.057	0.016	0.126	0.013	0.073	
	Bottom		0.011	0.003	0.021	0.004	0.014	
	Front	50%RB	0.059	0.027	0.167	0.029	0.086	
	Back		0.078	0.041	0.203	0.041	0.119	
	Left		0.034	0.020	0.041	0.021	0.054	
	right		0.012	0.005	0.140	0.026	0.017	
	Top		0.034	0.016	0.126	0.013	0.050	
	Bottom		0.008	0.003	0.021	0.004	0.011	

5-n78	Front	1RB	0.081	0.027	0.167	0.029	0.108	1.6
	Back		0.095	0.041	0.203	0.041	0.136	
	Left		0.065	0.020	0.041	0.021	0.085	
	right		0.014	0.005	0.140	0.026	0.019	
	Top		0.053	0.016	0.126	0.013	0.069	
	Bottom		0.010	0.003	0.021	0.004	0.013	
	Front	50%RB	0.064	0.027	0.167	0.029	0.091	
	Back		0.079	0.041	0.203	0.041	0.120	
	Left		0.052	0.020	0.041	0.021	0.072	
	right		0.011	0.005	0.140	0.026	0.016	
	Top		0.036	0.016	0.126	0.013	0.052	
7-n7	Bottom		0.007	0.003	0.021	0.004	0.010	
	Front	1RB	0.190	0.027	0.167	0.029	0.217	
	Back		0.304	0.041	0.203	0.041	0.345	
	Left		0.114	0.020	0.041	0.021	0.134	
	right		0.030	0.005	0.140	0.026	0.035	
	Top		0.099	0.016	0.126	0.013	0.115	
	Bottom		0.058	0.003	0.021	0.004	0.061	
	Front	50%RB	0.082	0.027	0.167	0.029	0.109	
	Back		0.154	0.041	0.203	0.041	0.195	
	Left		0.063	0.020	0.041	0.021	0.083	
	right		0.015	0.005	0.140	0.026	0.020	
	Top		0.047	0.016	0.126	0.013	0.063	
7-n66	Bottom		0.022	0.003	0.021	0.004	0.025	
	Front	1RB	0.157	0.027	0.167	0.029	0.184	
	Back		0.196	0.041	0.203	0.041	0.237	
	Left		0.133	0.020	0.041	0.021	0.153	
	right		0.027	0.005	0.140	0.026	0.032	
	Top		0.116	0.016	0.126	0.013	0.132	
	Bottom		0.021	0.003	0.021	0.004	0.024	
	Front	50%RB	0.076	0.027	0.167	0.029	0.103	
	Back		0.108	0.041	0.203	0.041	0.149	
	Left		0.047	0.020	0.041	0.021	0.067	
	right		0.015	0.005	0.140	0.026	0.020	
	Top		0.038	0.016	0.126	0.013	0.054	
	Bottom		0.011	0.003	0.021	0.004	0.014	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
7-n77	Front	1RB	0.167	0.027	0.167	0.029	0.194	1.6
	Back		0.216	0.041	0.203	0.041	0.257	
	Left		0.148	0.020	0.041	0.021	0.168	
	right		0.026	0.005	0.140	0.026	0.031	
	Top		0.129	0.016	0.126	0.013	0.145	
	Bottom		0.021	0.003	0.021	0.004	0.024	
	Front	50%RB	0.108	0.027	0.167	0.029	0.135	
	Back		0.155	0.041	0.203	0.041	0.196	
	Left		0.095	0.020	0.041	0.021	0.115	
	right		0.012	0.005	0.140	0.026	0.017	
	Top		0.069	0.016	0.126	0.013	0.085	
	Bottom		0.010	0.003	0.021	0.004	0.013	
7-n78	Front	1RB	0.161	0.027	0.167	0.029	0.188	
	Back		0.189	0.041	0.203	0.041	0.230	
	Left		0.127	0.020	0.041	0.021	0.147	
	right		0.031	0.005	0.140	0.026	0.036	
	Top		0.102	0.016	0.126	0.013	0.118	
	Bottom		0.024	0.003	0.021	0.004	0.027	
	Front	50%RB	0.067	0.027	0.167	0.029	0.094	
	Back		0.093	0.041	0.203	0.041	0.134	
	Left		0.048	0.020	0.041	0.021	0.068	
	right		0.019	0.005	0.140	0.026	0.024	
	Top		0.039	0.016	0.126	0.013	0.055	
	Bottom		0.010	0.003	0.021	0.004	0.013	
38-n38	Front	1RB	0.040	0.027	0.167	0.029	0.067	
	Back		0.058	0.041	0.203	0.041	0.099	
	Left		0.032	0.020	0.041	0.021	0.052	
	right		0.009	0.005	0.140	0.026	0.014	
	Top		0.035	0.016	0.126	0.013	0.051	
	Bottom		0.012	0.003	0.021	0.004	0.015	
	Front	50%RB	0.019	0.027	0.167	0.029	0.046	
	Back		0.028	0.041	0.203	0.041	0.069	
	Left		0.013	0.020	0.041	0.021	0.033	
	right		0.005	0.005	0.140	0.026	0.010	
	Top		0.016	0.016	0.126	0.013	0.032	
	Bottom		0.007	0.003	0.021	0.004	0.010	
41-n41	Front	1RB	0.106	0.027	0.167	0.029	0.133	
	Back		0.141	0.041	0.203	0.041	0.182	
	Left		0.079	0.020	0.041	0.021	0.099	
	right		0.021	0.005	0.140	0.026	0.026	
	Top		0.071	0.016	0.126	0.013	0.087	
	Bottom		0.038	0.003	0.021	0.004	0.041	
	Front	50%RB	0.051	0.027	0.167	0.029	0.078	
	Back		0.078	0.041	0.203	0.041	0.119	
	Left		0.034	0.020	0.041	0.021	0.054	
	right		0.009	0.005	0.140	0.026	0.014	
	Top		0.029	0.016	0.126	0.013	0.045	
	Bottom		0.017	0.003	0.021	0.004	0.020	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 1g(W/kg))			
41-n77	Front	1RB	0.054	0.027	0.167	0.029	0.081	1.6
	Back		0.072	0.041	0.203	0.041	0.113	
	Left		0.043	0.020	0.041	0.021	0.063	
	right		0.024	0.005	0.140	0.026	0.029	
	Top		0.038	0.016	0.126	0.013	0.054	
	Bottom		0.020	0.003	0.021	0.004	0.023	
	Front	50%RB	0.029	0.027	0.167	0.029	0.056	
	Back		0.042	0.041	0.203	0.041	0.083	
	Left		0.023	0.020	0.041	0.021	0.043	
	right		0.010	0.005	0.140	0.026	0.015	
	Top		0.020	0.016	0.126	0.013	0.036	
	Bottom		0.007	0.003	0.021	0.004	0.010	
41-n78	Front	1RB	0.057	0.027	0.167	0.029	0.084	
	Back		0.077	0.041	0.203	0.041	0.118	
	Left		0.051	0.020	0.041	0.021	0.071	
	right		0.024	0.005	0.140	0.026	0.029	
	Top		0.044	0.016	0.126	0.013	0.060	
	Bottom		0.019	0.003	0.021	0.004	0.022	
	Front	50%RB	0.027	0.027	0.167	0.029	0.054	
	Back		0.041	0.041	0.203	0.041	0.082	
	Left		0.021	0.020	0.041	0.021	0.041	
	right		0.010	0.005	0.140	0.026	0.015	
	Top		0.018	0.016	0.126	0.013	0.034	
	Bottom		0.008	0.003	0.021	0.004	0.011	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
66-n7	Front	1RB	0.074	0.027	0.167	0.029	0.101	1.6
	Back		0.118	0.041	0.203	0.041	0.159	
	Left		0.059	0.020	0.041	0.021	0.079	
	right		0.021	0.005	0.140	0.026	0.026	
	Top		0.040	0.016	0.126	0.013	0.056	
	Bottom		0.012	0.003	0.021	0.004	0.015	
	Front	50%RB	0.047	0.027	0.167	0.029	0.074	
	Back		0.062	0.041	0.203	0.041	0.103	
	Left		0.032	0.020	0.041	0.021	0.052	
	right		0.008	0.005	0.140	0.026	0.013	
	Top		0.022	0.016	0.126	0.013	0.038	
	Bottom		0.005	0.003	0.021	0.004	0.008	
66-n38	Front	1RB	0.115	0.027	0.167	0.029	0.142	
	Back		0.129	0.041	0.203	0.041	0.170	
	Left		0.099	0.020	0.041	0.021	0.119	
	right		0.029	0.005	0.140	0.026	0.034	
	Top		0.079	0.016	0.126	0.013	0.095	
	Bottom		0.017	0.003	0.021	0.004	0.020	
	Front	50%RB	0.036	0.027	0.167	0.029	0.063	
	Back		0.063	0.041	0.203	0.041	0.104	
	Left		0.022	0.020	0.041	0.021	0.042	
	right		0.010	0.005	0.140	0.026	0.015	
	Top		0.020	0.016	0.126	0.013	0.036	
	Bottom		0.005	0.003	0.021	0.004	0.008	
66-n41	Front	1RB	0.112	0.027	0.167	0.029	0.139	
	Back		0.121	0.041	0.203	0.041	0.162	
	Left		0.097	0.020	0.041	0.021	0.117	
	right		0.025	0.005	0.140	0.026	0.030	
	Top		0.072	0.016	0.126	0.013	0.088	
	Bottom		0.018	0.003	0.021	0.004	0.021	
	Front	50%RB	0.033	0.027	0.167	0.029	0.060	
	Back		0.055	0.041	0.203	0.041	0.096	
	Left		0.020	0.020	0.041	0.021	0.040	
	right		0.007	0.005	0.140	0.026	0.012	
	Top		0.017	0.016	0.126	0.013	0.033	
	Bottom		0.005	0.003	0.021	0.004	0.008	
66-n66	Front	1RB	0.110	0.027	0.167	0.029	0.137	
	Back		0.151	0.041	0.203	0.041	0.192	
	Left		0.074	0.020	0.041	0.021	0.094	
	right		0.018	0.005	0.140	0.026	0.023	
	Top		0.055	0.016	0.126	0.013	0.071	
	Bottom		0.025	0.003	0.021	0.004	0.028	
	Front	50%RB	0.055	0.027	0.167	0.029	0.082	
	Back		0.077	0.041	0.203	0.041	0.118	
	Left		0.038	0.020	0.041	0.021	0.058	
	right		0.014	0.005	0.140	0.026	0.019	
	Top		0.030	0.016	0.126	0.013	0.046	
	Bottom		0.018	0.003	0.021	0.004	0.021	

66-n77	Front	1RB	0.123	0.027	0.167	0.029	0.150	1.6
	Back		0.140	0.041	0.203	0.041	0.181	
	Left		0.090	0.020	0.041	0.021	0.110	
	right		0.030	0.005	0.140	0.026	0.035	
	Top		0.067	0.016	0.126	0.013	0.083	
	Bottom		0.020	0.003	0.021	0.004	0.023	
	Front	50%RB	0.054	0.027	0.167	0.029	0.081	
	Back		0.076	0.041	0.203	0.041	0.117	
	Left		0.035	0.020	0.041	0.021	0.055	
	right		0.015	0.005	0.140	0.026	0.020	
66-n78	Top		0.028	0.016	0.126	0.013	0.044	
	Bottom		0.007	0.003	0.021	0.004	0.010	
	Front	1RB	0.125	0.027	0.167	0.029	0.152	
	Back		0.138	0.041	0.203	0.041	0.179	
	Left		0.096	0.020	0.041	0.021	0.116	
	right		0.022	0.005	0.140	0.026	0.027	
	Top		0.073	0.016	0.126	0.013	0.089	
	Bottom		0.014	0.003	0.021	0.004	0.017	
	Front	50%RB	0.051	0.027	0.167	0.029	0.078	
	Back		0.075	0.041	0.203	0.041	0.116	
	Left		0.036	0.020	0.041	0.021	0.056	
	right		0.009	0.005	0.140	0.026	0.014	
	Top		0.031	0.016	0.126	0.013	0.047	
	Bottom		0.003	0.003	0.021	0.004	0.006	

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	√3	1	1	±1.0%	±1.0%
LIN	Probe Linearity	±4.7%	R	√3	1	1	±2.7%	±2.7%
BBS	Broadband Signal	±2.8%	R	√3	1	1	±1.6%	±1.6%
ISO	Probe Isotropy	±7.6%	R	√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	√3	0.78	0.71	±1.5%	±1.4%
EPS	Phantom Permittivity	±14.0%	R	√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	√3	1	1	±1.4%	±1.4%
TAS	Time-average SAR	±1.7%	R	√3	1	1	±1.0%	±1.0%
RF _{drift}	DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
VAL	Val Antenna Unc. ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
RF _{in}	Unc. Input Power ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results								
C(ε, σ)	Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
C(R)	SAR scaling ^p	±0.0%	R	√3	1	1	±0.0%	±0.0%
u(ΔSAR)	Combined Uncertainty						±11.3%	±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	$\pm 13.1\%$	N	2	1	1	$\pm 6.55\%$	$\pm 6.55\%$
CF _{drift}	Probe Calibration Drift	$\pm 1.7\%$	R	$\sqrt{3}$	1	1	$\pm 1.0\%$	$\pm 1.0\%$
LIN	Probe Linearity	$\pm 4.7\%$	R	$\sqrt{3}$	1	1	$\pm 2.7\%$	$\pm 2.7\%$
BBS	Broadband Signal	$\pm 2.6\%$	R	$\sqrt{3}$	1	1	$\pm 1.5\%$	$\pm 1.5\%$
ISO	Probe Isotropy	$\pm 7.6\%$	R	$\sqrt{3}$	1	1	$\pm 4.4\%$	$\pm 4.4\%$
DAE	Other Probe+Electronic	$\pm 1.2\%$	N	1	1	1	$\pm 1.2\%$	$\pm 1.2\%$
AMB	RF Ambient	$\pm 1.8\%$	N	1	1	1	$\pm 1.8\%$	$\pm 1.8\%$
Δ_{sys}	Probe Positioning	± 0.005 mm	N	1	0.29	0.29	$\pm 0.2\%$	$\pm 0.20\%$
DAT	Data Processing	$\pm 2.3\%$	N	1	1	1	$\pm 2.3\%$	$\pm 2.3\%$
Phantom and Device Errors								
LIQ(σ)	Conductivity (meas.)DAK	$\pm 2.5\%$	N	1	0.78	0.71	$\pm 2.0\%$	$\pm 1.8\%$
LIQ(T_σ)	Conductivity (temp.)BB	$\pm 3.4\%$	R	$\sqrt{3}$	0.78	0.71	$\pm 1.5\%$	$\pm 1.4\%$
EPS	Phantom Permittivity	$\pm 14.0\%$	R	$\sqrt{3}$	0.25	0.25	$\pm 2.0\%$	$\pm 2.0\%$
DIS	Distance DUT - TSL	$\pm 2.0\%$	N	1	2	2	$\pm 4.0\%$	$\pm 4.0\%$
D _{xyz}	Device Positioning	$\pm 1.0\%$	N	1	1	1	$\pm 1.0\%$	$\pm 1.0\%$
H	Device Holder	$\pm 3.6\%$	N	1	1	1	$\pm 3.6\%$	$\pm 3.6\%$
MOD	DUT Modulation ^m	$\pm 2.4\%$	R	$\sqrt{3}$	1	1	$\pm 1.4\%$	$\pm 1.4\%$
TAS	Time-average SAR	$\pm 1.7\%$	R	$\sqrt{3}$	1	1	$\pm 1.0\%$	$\pm 1.0\%$
RF _{drift}	DUT drift	$\pm 2.5\%$	N	1	1	1	$\pm 2.5\%$	$\pm 2.5\%$
VAL	Val Antenna Unc. ^{val}	$\pm 0.0\%$	N	1	1	1	$\pm 0.0\%$	$\pm 0.0\%$
RF _{in}	Unc.Input Power ^{val}	$\pm 0.0\%$	N	1	1	1	$\pm 0.0\%$	$\pm 0.0\%$
Correction to the SAR results								
C(ϵ, σ)	Deviation to Target	$\pm 1.9\%$	N	1	1	0.84	$\pm 1.9\%$	$\pm 1.6\%$
C(R)	SAR scaling ^p	$\pm 0.0\%$	R	$\sqrt{3}$	1	1	$\pm 0.0\%$	$\pm 0.0\%$
u(Δ SAR)	Combined Uncertainty						$\pm 11.6\%$	$\pm 11.6\%$
U	Expanded Uncertainty						$\pm 23.3\%$	$\pm 23.1\%$

13.2 Measurement uncertainty evaluation for system check

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

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

14 Test equipment and ancillaries used for tests

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

	Manufacturer	Device Type	Type(Model)	Serial number	calibration	
					Last Cal.	Due Date
☒	SPEAG	E-Field PROBE	EX3DV4	7895	2024-11-28	2025-11-27
☒	SPEAG	E-Field PROBE	EX3DV4	7391	2024-11-16	2025-11-15
☒	SPEAG	Validation Kits	D750V3	1151	2024-08-19	2027-08-18
☒	SPEAG	Validation Kits	D835V2	4d203	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1750V2	1143	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1900V2	5d211	2024-08-19	2027-08-18
☒	SPEAG	Validation Sources	D2550V2	1015	2024-08-16	2027-08-15
☒	SPEAG	Validation Sources	D3500V2	1164	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3700V2	1139	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3900V2	1106	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4600V2	1097	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4900V2	1093	2024-10-08	2027-10-07
☒	SPEAG	Validation Sources	D5GHzV2	1412	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D6.5GHzV2	1116	2024-10-14	2027-10-13
☒	SPEAG	DAE	DAE4	1495	2024-07-24	2025-07-23
☒	SPEAG	DAE	DAE4ip	1872	2024-10-18	2025-10-17
☒	SPEAG	Dielectric parameter probes	DAK-3.5	1363	2024-11-05	2025-11-04
☒	R & S	Universal Radio Communication Tester	CMU 200	119733	2024-10-21	2025-10-20
☒	R & S	Universal Radio Communication Tester	CMW500	144459	2024-10-21	2025-10-20
☒	R & S	UXM5G Wireless Test Platform	E7515B	MY60192341	2024-10-21	2025-10-20
☒	HP	Network Analyser	8753D	3410A08889	2024-10-21	2025-10-20
☒	HP	Signal Generator	E4421B	GB39340770	2024-10-28	2025-10-27
☒	Keithley	Multimeter	Keithley 2000	4014539	2024-10-28	2025-10-27
☒	SATIMO	Amplifier	Power Amplifier	MODU-023-A-0004	2024-10-21	2025-10-20
☒	Agilent	Power Meter	E4418B	GB43312909	2024-10-21	2025-10-20
☒	Agilent	Power Meter Sensor	E4412A	MY41500046	2024-10-21	2025-10-20

Annex A: System performance verification

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

Annex B: Measurement results

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

Annex C: Calibration reports

(Please See the Calibration reports of annex C.)

Annex D: Photographs

(Please see SAR test setup photos.)