

FCC SAR Compliance Test Report

For

INFINIX MOBILITY LIMITED

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

FOTAN NT HONGKONG

Model: X6730B

Test Engineer: Jiang Xuling

Report Number: WSCT-ANAB-R&E250700055A-SAR

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Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Relesse	06 August 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: 2025-06-19
Start of test: 2025-06-20
End of test: 2025-07-31

1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for X6730B is as below:

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Head	1.019
GSM1900	Head	0.366
UMTS Band 2	Head	0.785
UMTS Band 4	Head	0.670
UMTS Band 5	Head	0.698
LTE Band 2	Head	0.745
LTE Band 4	Head	0.608
LTE Band 5	Head	0.361
LTE Band 7	Head	0.502
LTE Band 12	Head	0.804
LTE Band 17	Head	0.460
LTE Band 38	Head	0.465
LTE Band 41	Head	0.506
LTE Band 42	Head	0.415
LTE Band 66	Head	0.629
LTE Band 71	Head	0.538
NR n5	Head	0.500
NR n7	Head	0.538
NR n12	Head	0.125
NR n38	Head	0.816
NR n41	Head	0.747
NR n66	Head	0.872
NR n71	Head	0.072
NR n77	Head	0.676
NR n77	Head	0.723
NR n77	Head	0.603
NR n78	Head	0.777
NR n78	Head	0.652
NR n78	Head	0.519
2-n7	Head	0.577
2-n66	Head	0.147
2-n78	Head	0.155
4-n7	Head	0.620
4-n38	Head	0.599
4-n41	Head	0.620
4-n78	Head	0.597
5-n7	Head	0.281
5-n38	Head	0.277
5-n41	Head	0.280
5-n66	Head	0.306
5-n77	Head	0.365
5-n78	Head	0.388
7-n7	Head	0.278
7-n66	Head	0.161
7-n77	Head	0.220
7-n78	Head	0.116
38-n78	Head	0.130
41-n41	Head	0.091

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
41-n77	Head	0.083
41-n78	Head	0.120
66-n7	Head	0.598
66-n38	Head	0.570
66-n41	Head	0.604
66-n66	Head	0.472
66-n77	Head	0.593
66-n78	Head	0.602
BT	Head	0.197
2.4GWIFI	Head	0.471
5GWIFI Band1	Head	0.160
5GWIFI Band2	Head	0.143
5GWIFI Band3	Head	0.265
5GWIFI Band4	Head	0.262

Band	Position Test Points	MAX Reported SAR _{10g} (W/kg)
GSM1900	Limbs With 0mm	2.180
Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Body & Hotspot 10mm	0.669
GSM1900	Body & Hotspot 10mm	1.373
UMTS Band 2	Body & Hotspot 10mm	0.157
UMTS Band 4	Body & Hotspot 10mm	0.130
UMTS Band 5	Body & Hotspot 10mm	0.145
LTE Band 2	Body & Hotspot 10mm	0.154
LTE Band 4	Body & Hotspot 10mm	0.116
LTE Band 5	Body & Hotspot 10mm	0.072
LTE Band 7	Body & Hotspot 10mm	0.111
LTE Band 12	Body & Hotspot 10mm	0.120
LTE Band 17	Body & Hotspot 10mm	0.066
LTE Band 38	Body & Hotspot 10mm	0.103
LTE Band 41	Body & Hotspot 10mm	0.058
LTE Band 42	Body & Hotspot 10mm	0.154
LTE Band 66	Body & Hotspot 10mm	0.111
LTE Band 71	Body & Hotspot 10mm	0.256
NR n5	Body & Hotspot 10mm	0.075
NR n7	Body & Hotspot 10mm	0.138
NR n12	Body & Hotspot 10mm	0.020
NR n38	Body & Hotspot 10mm	0.186
NR n41	Body & Hotspot 10mm	0.371
NR n66	Body & Hotspot 10mm	0.155
NR n71	Body & Hotspot 10mm	0.006
NR n77	Body & Hotspot 10mm	0.319
NR n77	Body & Hotspot 10mm	0.423
NR n77	Body & Hotspot 10mm	0.327
NR n78	Body & Hotspot 10mm	0.391
NR n78	Body & Hotspot 10mm	0.328
NR n78	Body & Hotspot 10mm	0.262
2-n7	Body & Hotspot 10mm	0.181
2-n66	Body & Hotspot 10mm	0.510
2-n78	Body & Hotspot 10mm	0.141
4-n7	Body & Hotspot 10mm	0.429
4-n38	Body & Hotspot 10mm	0.407
4-n41	Body & Hotspot 10mm	0.413

Band	Position Test Points	MAX Reported SAR1g (W/kg)
4-n78	Body & Hotspot 10mm	0.375
5-n7	Body & Hotspot 10mm	0.169
5-n38	Body & Hotspot 10mm	0.105
5-n41	Body & Hotspot 10mm	0.118
5-n66	Body & Hotspot 10mm	0.139
5-n77	Body & Hotspot 10mm	0.145
5-n78	Body & Hotspot 10mm	0.158
7-n7	Body & Hotspot 10mm	0.175
7-n66	Body & Hotspot 10mm	0.076
7-n77	Body & Hotspot 10mm	0.073
7-n78	Body & Hotspot 10mm	0.069
38-n78	Body & Hotspot 10mm	0.115
41-n41	Body & Hotspot 10mm	0.069
41-n77	Body & Hotspot 10mm	0.031
41-n78	Body & Hotspot 10mm	0.141
66-n7	Body & Hotspot 10mm	0.300
66-n38	Body & Hotspot 10mm	0.357
66-n41	Body & Hotspot 10mm	0.332
66-n66	Body & Hotspot 10mm	0.305
66-n77	Body & Hotspot 10mm	0.396
66-n78	Body & Hotspot 10mm	0.327
BT	Body & Hotspot 10mm	0.047
2.4GWIFI	Body & Hotspot 10mm	0.084
5GWIFI Band1	Body & Hotspot 10mm	0.016
5GWIFI Band2	Body & Hotspot 10mm	0.029
5GWIFI Band3	Body & Hotspot 10mm	0.043
5GWIFI Band4	Body & Hotspot 10mm	0.045
Maximum Max. SAR Level(s) Measured: (Limit: 1.6W/Kg):	GSM850	1.019W/kg1gHeadTissue
	2.4GWIFI	0.471W/kg1gHeadTissue
	GSM1900	1.373W/kg1gBodyTissue
	2.4GWIFI	0.084W/kg1gBodyTissue
The Head highest simultaneous SAR :		1.490W/kg1gBodyTissue
The Body highest simultaneous SAR :		1.457W/kg1gBodyTissue

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

1.4 EUT Information

Device Information:			
Product Type:	Mobile Phone		
Model:	X6730B		
Trade Name:	Infinix		
Software number:	X6730B-15.1.2		
Hardware number:	V1.1		
Device Type:	Portable device		
Exposure Category:	uncontrolled environment / general population		
Production Unit or Identical Prototype:	Production Unit		
Antenna Type :	Integral Antenna		
Device Operating Configurations:			
Supporting Mode(s) :	GSM850, PCS 1900 WCDMA B2/ WCDMA B4/ WCDMA B5 LTE Band 2/4/5/7/12/13/17/38/41/42/66/71 NR Band 5/7/12/38/41/66/71/77/78 NSA(EN-DC): DC_2A_n7A, DC_2A_n66A, DC_2A_n78A, DC_4A_n7A, DC_4A_n38A, DC_4A_n41A, DC_4A_n78A, DC_5A_n7A, DC_5A_n38A, DC_5A_n41A,DC_5A_n66A, DC_5A_n77A,DC_5A_n78A, DC_7A_n7A, DC_7A_n66A, DC_7A_n77A, DC_7A_n78A, DC_38A_n78A DC_41A_n41A, DC_41A_n77A, DC_41A_n78A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A,DC_66A_n66A, DC_66A_n77A,DC_66A_n78A		
Modulation:	GSM/GPRS: GMSK EGPRS: 8PSK WCDMA: QPSK HSDPA/HSUPA: QPSK /16QAM LTE: QPSK/16QAM NR: BPSK/ QPSK/16QAM/64QAM/256QAM		
Device Class :	Class B, No DTM Mode		
Operating Frequency Range(s)	Band	TX(MHz)	RX(MHz)
	GSM850	824~849	869~894
	GSM1900	1850~1910	1930~1990
	UMTS Band 2	1850~1910	1930~1990
	UMTS Band 4	1710~1755	2110~2155
	UMTS Band 5	824~849	869~894
	LTE Band 2	1850~1910	1930~1990

Operating Frequency Range(s)	LTE Band 4	1710~1755	2110~2155
	LTE Band 5	824~849	869~894
	LTE Band 7	2500~2570	2620~2690
	LTE Band 12	699~716	729~746
	LTE Band 17	704~716	734~746
	LTE Band 38	2570-2620	2570-2620
	LTE Band 41	2496-2690	2496-2690
	LTE Band 42	3450-3550	3450-3550
	LTE Band 66	1710-1780	2110-2200
	LTE Band 71	663-698	617-652
	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	13.56		
Antenna gain:	GSM 850/WCDMA B5/LTE B5/NR N5: -6.14dbi PCS 1900/WCDMA B2/LTE B2: -3.43dbi WCDMA B4/LTE B4/ LTE B66/NR N66: -2.95dbi LTE B7/ LTE B38/ LTE B41/ NR N7/ NR N38/ NR N41:-3.3dbi LTE B12/LTE B17/NR N12:-7.07dbi LTE B42: -0.21dBi, LTE B71/NR 71:-7.73 dBi NR 77/NR 78: -1.23dBi		
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/B71/NR N12/N71: 3.00W(34.77dBm) LTE B42/NR 77/NR 78: 1.00W(30.00dBm)		
Power Source:	Rechargeable Li-ion Polymer Battery: BL-58HX Rated Voltage: 3.91V Rated Capacity: 5850mAh/22.88Wh Typical Capacity: 6000mAh/23.46Wh Limited Charge Voltage: 4.5V		

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

2 Testing laboratory

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

3 ACCREDITATIONS

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

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

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

4 Test Environment

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

5 Applicant and Manufacturer

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

6 Test standards:

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

6.1 RF exposure limits

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

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

Notes:

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

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

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

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

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

6.2 SAR Definition

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

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

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

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

where:

σ = conductivity of the tissue (S/m)

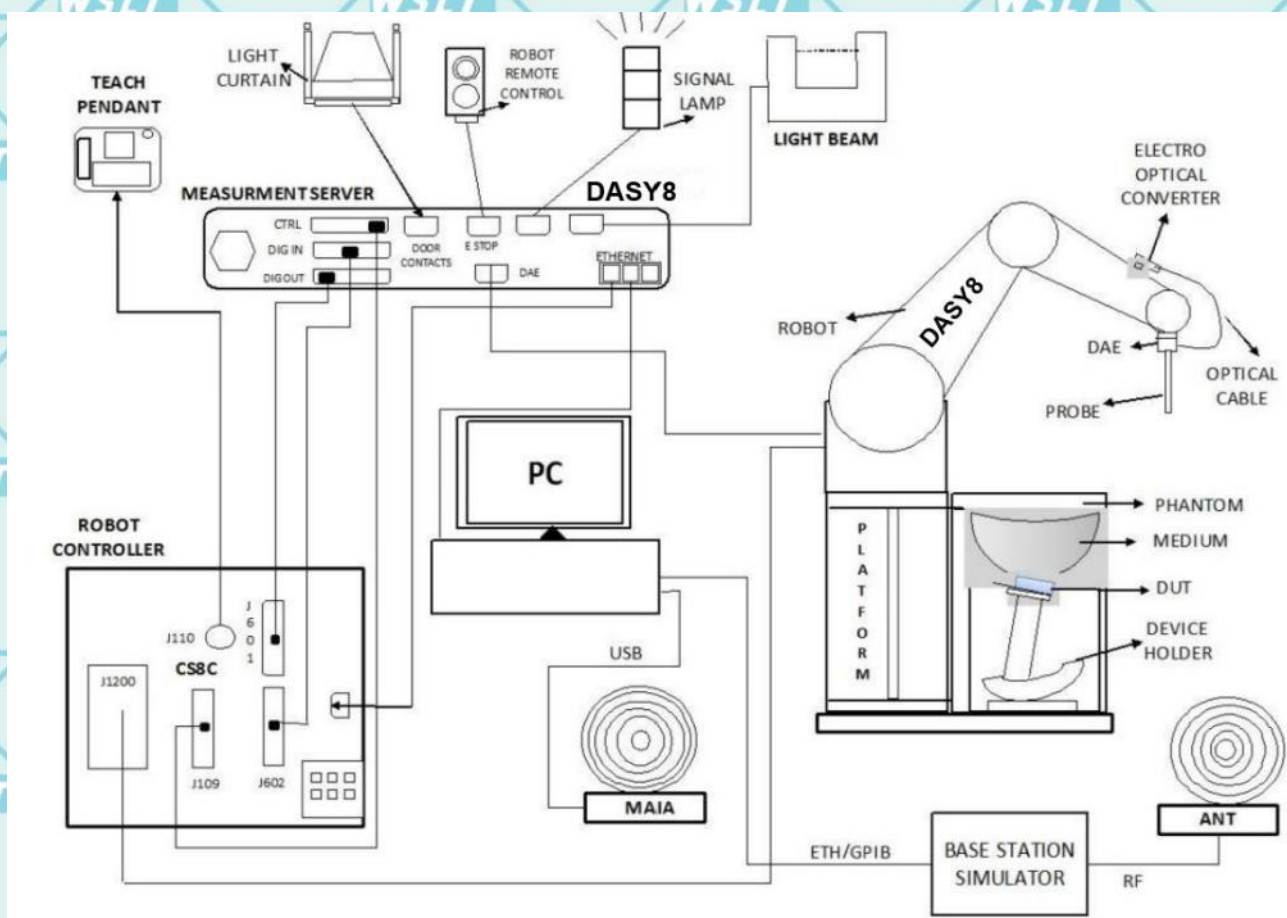
ρ = mass density of the tissue (kg/m³)

E = rms electric field strength (V/m)

7 SAR Measurement System

7.1 The Measurement System

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



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

7.2 Robot

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

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



7.3 Probe

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

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



Frequency: 4MHz – 10GHz ;

Linearity: ± 0.2 dB (30MHz – 10GHz)

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

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

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

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

7.4 DAE

DAE4ip– Data Acquisition Electronics 4 with Integrated Power

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

Performance:

- Measurement range: -100—+300 mV (16-bit resolution and two range settings: 4 mV, 400 mV)
- Input offset voltage: <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 DASY52 stand-alone: SPEAG standard phantom table
Accessories	Mounting Device and Adaptors

7.6 Device Holder

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

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



Device holder

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

7.7 SAR Scan General Requirement

According to kdb865664 D01 v01r04:

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

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

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see IEEE Std 1528-2013 for details.

* When zoom scan is required and the reported SAR from the area scan based 1-g SAR estimation procedures of KDB Publication 447498 is $\leq 1.4\text{ W/kg}$, $\leq 8\text{ mm}$, $\leq 7\text{ mm}$ and $\leq 5\text{ mm}$ zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

7.8 Measurement procedure

Power Drift :

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

Area scan:

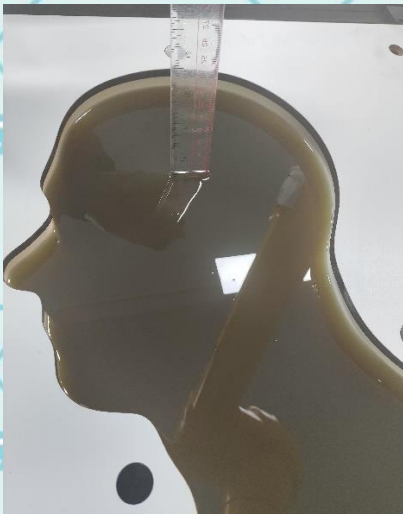
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan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

Zoom Scan:

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

7.9 Tissue simulating liquids: dielectric properties

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The simulating liquids should be checked at the beginning of a series of SAR measurements to determine 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	2025-06-20
835MHz Head	41.50 (39.425~43.575)	0.90 (0.86~0.95)	41.60	0.914	21.6°C	2025-06-23
1750MHz Head	40.10 (38.10~42.10)	1.37 (1.31~1.43)	41.90	1.34	21.6°C	2025-06-26
1900MHz Head	40.00 (38.00~42.00)	1.40 (1.33~1.47)	41.70	1.44	21.6°C	2025-06-29
2450MHz Head	39.20 (37.24~41.16)	1.80 (1.71~1.89)	40.27	1.82	21.6°C	2025-07-03
2550MHz Head	39.10 (37.15~41.05)	1.91 (1.82~2.01)	40.80	1.90	21.6°C	2025-07-07
2600MHz Head	39.00 (37.05~40.95)	1.96 (1.86~2.05)	39.87	1.94	21.6°C	2025-07-10
3400MHz Head	38.00 (36.10~39.90)	2.81 (2.67~2.95)	39.30	2.63	21.6°C	2025-07-14
3500MHz Head	37.90 (36.01~39.79)	2.91 (2.77~3.05)	39.20	2.94	21.6°C	2025-07-16
3700MHz Head	37.70 (35.82~39.58)	3.12 (2.97~3.27)	38.90	2.90	21.6°C	2025-07-19
3900MHz Head	37.50 (35.63~39.37)	3.32 (2.97~3.27)	38.60	3.10	21.6°C	2025-07-21
5200MHz Head	36.00 (34.20~37.80)	4.66 (4.43~4.89)	36.30	4.54	21.6°C	2025-07-23
5500MHz Head	35.60 (33.82~37.38)	4.96 (4.71~5.20)	35.80	4.88	21.6°C	2025-07-24
5800MHz Head	35.30 (33.54~37.06)	5.27 (5.01~5.53)	35.30	5.23	21.6°C	2025-07-25

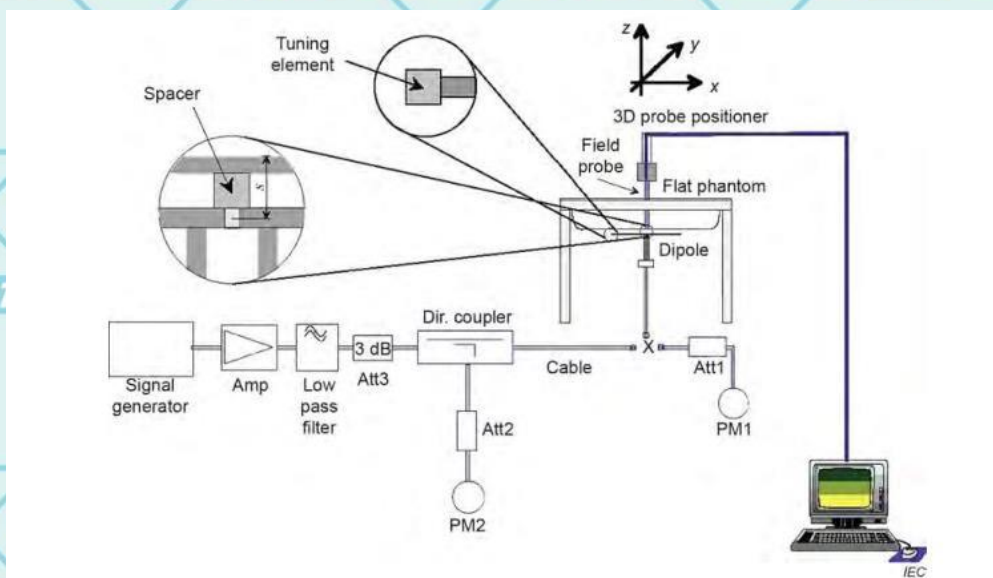
ϵ_r = Relative permittivity, σ = Conductivity

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	2025-06-20
D835V2 Body	9.68 (8.72~10.64)	6.44 (5.80~7.08)	9.94	6.55	21.6°C	2025-06-23
D1750V2 Body	36.40 (32.76~40.04)	19.60 (17.64~21.56)	36.20	19.50	21.6°C	2025-06-26
D1900V2 Body	39.70 (35.73~43.67)	21.00 (18.90~23.10)	40.40	21.10	21.6°C	2025-06-29
D2550V2 Body	54.10 (48.69~59.51)	24.70 (22.23~27.17)	55.80	25.60	21.6°C	2025-07-07
D3400V2 Body	69.20 (62.28~76.12)	26.30 (23.67~28.93)	72.50	28.10	21.6°C	2025-07-14
D3500V2 Body	65.30 (58.77~71.83)	24.80 (22.32~27.28)	62.80	24.00	21.6°C	2025-07-16
D3700V2 Body	69.30 (62.37~76.23)	25.40 (22.86~27.94)	63.70	23.70	21.6°C	2025-07-19
D3900V2 Body	69.50 (62.55~76.45)	24.30 (21.87~26.73)	67.40	23.80	21.6°C	2025-07-21
D5200V2 Body	76.00 (68.40~83.60)	22.00 (19.80~24.20)	71.70	20.70	21.6°C	2025-07-23
D5300V2 Body	80.60 (72.54~88.66)	23.30 (20.97~25.63)	80.80	23.10	21.6°C	2025-07-23
D5500V2 Body	85.60 (77.04~94.16)	24.50 (22.05~26.95)	79.00	22.50	21.6°C	2025-07-24
D5600V2 Body	83.30 (74.97~91.63)	24.10 (21.69~26.51)	78.70	22.40	21.6°C	2025-07-24
D5800V2 Body	79.00 (71.10~86.90)	22.70 (20.43~24.97)	77.60	22.00	21.6°C	2025-07-25

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

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

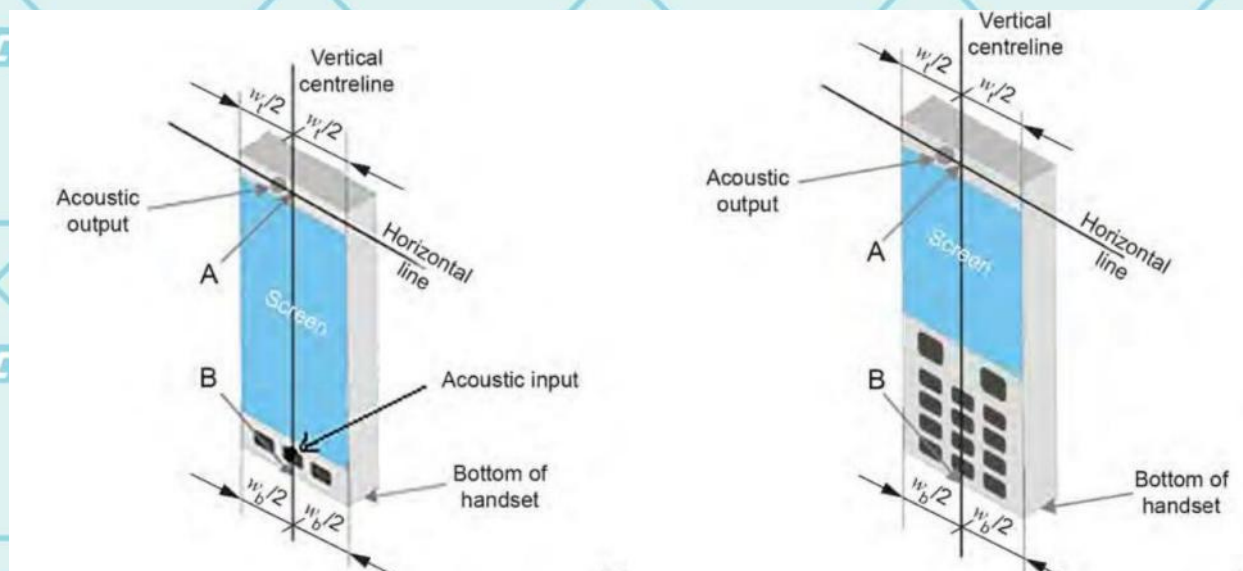
9 Test Position Configurations

9.1 Head Exposure Conditions

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

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

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



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

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

w_b Width of the bottom of the DUT

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

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

Cheek position:

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



Tilt position:

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

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

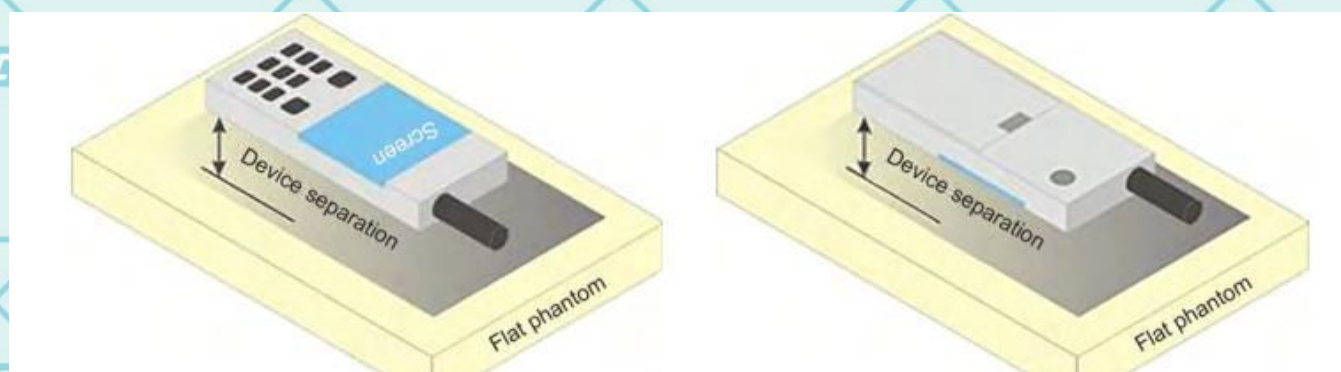


9.2 Body Exposure Condition

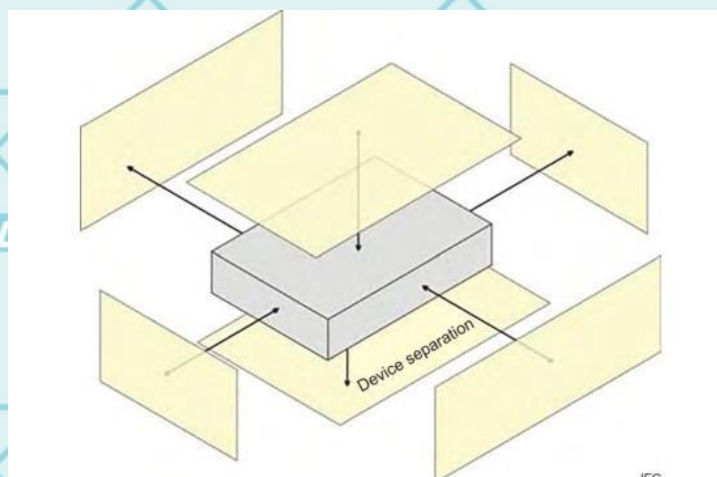
According to 447498 D04

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

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



Test positions for body-worn devices



Possible test positions for a generic device

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

10 SAR Test Configuration

10.1 GSM Test Configurations

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

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

10.2 UMTS Test Configuration

1) Output Power Verification

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

2) WCDMA

a. Head SAR Measurements

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

b. Body SAR Measurements

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

3) HSDPA

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

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

Per KDB941225 D01, the 3G SAR test reduction procedure is applied to HSDPA body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSDPA using the HSDPA body SAR procedures for the highest reported SAR body exposure configuration in 12.2 kbps RMC. HSDPA should be configured according to UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The β_c and β_d gain factors for DPCCH and DPDCH were set according to the values in the below table, β_{ns} 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 ^a	β_c ^d	β_d ^d	β_d (SF) ^d	β_c / β_d ^d	β_{ns} (1) ^d	CM(dB)(2) ^e	MPR (dB) ^e
1 ^a	2/15 ^d	15/15 ^d	64 ^d	2/15 ^d	4/15 ^d	0.0 ^e	0 ^e
2 ^a	12/15(3) ^d	15/15(3) ^d	64 ^d	12/15(3) ^d	24/15 ^d	1.0 ^e	0 ^e
3 ^a	15/15 ^d	8/15 ^d	64 ^d	15/8 ^d	30/15 ^d	1.5 ^e	0.5 ^e
4 ^a	15/15 ^d	4/15 ^d	64 ^d	15/4 ^d	30/15 ^d	1.5 ^e	0.5 ^e

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

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

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

4) HSUPA

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

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

10.3 LTE Test Configuration

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

1) Spectrum Plots for RB configurations

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

2) MPR

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

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

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

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

3) A-MPR

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

4) LTE procedures for SAR testing

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

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

ii) QPSK with 50% RB allocation

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

iii) QPSK with 100% RB allocation

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

iv) Higher order modulations

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

B) Other channel bandwidth standalone SAR test requirements

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

5) TDD LTE test configuration

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

10.4 Wi-Fi Test Configuration

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

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

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

Notes:

√ = “default test channels”

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

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

802.11 Test Channels per FCC Requirements

10.5 WiFi 2.4G SAR Test Procedures

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

A) 802.11b DSSS SAR Test Requirements

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

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

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

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

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

C) SAR Test Requirements for OFDM configurations

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

11 Detailed Test Results

11.1 Conducted Power measurements

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

11.1.1 Conducted Power of GSM

Mode: GSM850		Maximum Tune-up (dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH128	CH190	CH251		CH128	CH190	CH251
			824.2MHz	836.6MHz	848.8MHz		824.2MHz	836.6MHz	848.8MHz
GSM(CS)		33.00	32.79	32.64	32.70	-9.03	24.50	24.35	24.41
GPRS (GMSK)	1Tx slot	33.00	32.82	32.67	32.68	-9.03	24.53	24.38	24.39
	2Tx slots	32.50	32.08	31.69	31.56	-9.03	23.79	23.40	23.27
	3Tx slots	30.00	29.88	29.06	28.71	-6.02	21.59	20.77	20.42
	4Tx slots	29.00	28.52	27.57	27.22	-4.26	20.23	19.28	18.93
EGPRS (8PSK)	1Tx slot	33.00	32.47	32.46	32.57	-3.01	24.18	24.17	24.28
	2Tx slots	32.50	32.31	32.27	32.41	-9.03	24.02	23.98	24.12
	3Tx slots	32.50	32.21	31.98	32.13	-6.02	23.92	23.69	23.84
	4Tx slots	32.00	31.95	31.60	31.62	-4.26	23.66	23.31	23.33
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)		29.00	28.56	28.60	28.96	-9.03	25.17	25.53	24.88
GPRS (GMSK)	1Tx slot	29.00	28.53	28.58	28.95	-9.03	25.15	25.52	24.30
	2Tx slots	28.50	27.73	27.77	28.21	-9.03	24.34	24.78	22.24
	3Tx slots	26.50	25.67	25.82	26.44	-6.02	22.39	23.01	20.82
	4Tx slots	25.50	24.25	24.40	25.13	-4.26	20.97	21.70	25.13
EGPRS (8PSK)	1Tx slot	28.50	28.14	28.31	28.15	-3.01	24.88	24.72	24.28
	2Tx slots	28.50	27.71	28.00	28.04	-9.03	24.57	24.61	23.82
	3Tx slots	27.50	27.25	27.18	27.36	-6.02	23.75	23.93	23.31
	4Tx slots	27.00	26.74	26.54	26.52	-4.26	23.11	23.09	25.10

Note:

Division Factors

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

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

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

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

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

11.1.2 Conducted Power of WCDMA

Mode		Maximum Tune-up(dBm)	WCDMA Band 2		
			Conducted Power (dBm)		
			CH9262	CH9400	CH9538
			1852.4	1880.0	1907.6
RMC 12.2K		23.00	22.47	22.15	22.71
HSDPA	Subtest-1	21.50	21.01	20.68	21.27
	Subtest-2	21.00	20.49	20.19	20.74
	Subtest-3	21.00	20.50	20.19	20.75
	Subtest-4	20.50	20.04	19.71	20.24
HSUPA	Subtest-1	22.00	21.50	21.15	21.72
	Subtest-2	22.50	22.50	21.10	19.98
	Subtest-3	22.50	19.46	22.20	20.98
	Subtest-4	23.00	19.72	18.81	22.79
	Subtest-5	21.50	21.26	19.87	19.32
Mode		Maximum Tune-up(dBm)	WCDMA Band 4		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
			1712.4	1732.6	1752.6
RMC 12.2K		22.00	21.91	21.90	21.99
HSDPA	Subtest-1	21.00	20.43	20.45	20.56
	Subtest-2	20.50	19.96	19.98	20.08
	Subtest-3	20.50	19.98	20.00	20.13
	Subtest-4	20.00	19.50	19.52	19.63
HSUPA	Subtest-1	21.50	20.98	20.96	21.09
	Subtest-2	22.00	21.99	20.44	19.15
	Subtest-3	22.00	18.69	21.97	20.65
	Subtest-4	22.50	19.31	19.06	22.12
	Subtest-5	21.00	20.86	19.43	18.95
Mode		Maximum Tune-up(dBm)	WCDMA Band 5		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
			826.4	836.6	846.6
RMC 12.2K		23.00	22.42	22.49	22.52
HSDPA	Subtest-1	21.50	20.96	21.03	21.08
	Subtest-2	21.00	20.47	20.52	20.60
	Subtest-3	21.00	20.49	20.56	20.61
	Subtest-4	20.50	20.01	20.08	20.12
HSUPA	Subtest-1	22.00	21.45	21.46	21.51
	Subtest-2	22.50	22.49	21.28	19.55
	Subtest-3	23.00	19.26	22.51	21.01
	Subtest-4	23.00	20.14	19.13	22.57
	Subtest-5	21.00	20.97	19.84	19.61

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

11.1.3 Conducted Power of LTE Band 2

LTE-FDD Band 2					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18607	18900	19193
1.4MHz	QPSK	1	0	24.00	23.42	23.52	23.41
			2	24.00	23.49	23.54	23.40
			5	24.00	23.49	23.55	23.37
		3	0	23.50	23.36	23.37	23.43
			2	23.50	23.35	23.37	23.37
			3	23.50	23.36	23.40	23.40
	16QAM	6	0	22.50	22.44	22.44	22.44
			0	23.00	22.40	22.57	22.67
			2	23.00	22.35	22.57	22.58
		3	5	23.00	22.44	22.59	22.64
			0	23.00	22.56	22.57	22.59
			2	23.00	22.55	22.54	22.57
3MHz	QPSK	1	3	23.00	22.57	22.55	22.57
			0	22.00	21.61	21.58	21.59
			0	22.00	18615	18900	19185
		8	0	24.00	23.59	23.47	23.56
			7	24.00	23.57	23.49	23.54
			14	24.00	23.60	23.43	23.50
	16QAM	8	0	23.00	22.47	22.51	22.51
			4	22.50	22.49	22.49	22.46
			7	23.00	22.55	22.49	22.47
		15	0	23.00	22.51	22.47	22.51
			0	23.00	22.88	22.73	22.35
			7	23.00	22.87	22.77	22.41
5MHz	QPSK	1	14	23.00	22.95	22.71	22.27
			0	22.00	21.50	21.54	21.59
			4	22.00	21.51	21.48	21.48
	16QAM	8	7	22.00	21.56	21.48	21.49
			0	22.00	21.57	21.43	21.58
			0	22.00	18625	18900	19175
	QPSK	12	0	24.00	23.65	23.68	23.71
			13	24.00	23.72	23.69	23.56
			24	24.00	23.70	23.70	23.46
		25	0	23.00	22.56	22.58	22.65
			6	23.00	22.58	22.51	22.63
			13	23.00	22.60	22.55	22.54
10MHz	QPSK	25	0	23.00	22.62	22.58	22.65
			0	23.50	23.02	22.99	22.92
			13	23.50	23.06	22.99	22.85
	16QAM	1	24	23.50	23.14	23.02	22.83
			0	22.00	21.55	21.57	21.71
			6	22.00	21.54	21.52	21.67
15MHz	QPSK	12	13	22.00	21.63	21.53	21.59
			0	22.00	21.59	21.60	21.59
			0	22.00	1852.5MHz	1880.0MHz	1907.5MHz
	16QAM	25	0	24.00	23.65	23.68	23.71
			13	24.00	23.72	23.69	23.56
			24	24.00	23.70	23.70	23.46

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	24.00	23.62	23.60	23.76
			25	24.00	23.69	23.61	23.71
			49	24.00	23.69	23.58	23.64
		25	0	23.00	22.68	22.61	22.72
			13	23.00	22.69	22.61	22.67
			25	23.00	22.69	22.61	22.63
	16QAM	50	0	23.00	22.69	22.60	22.67
			0	23.00	22.94	22.79	22.73
			25	23.50	23.05	22.81	22.52
		1	49	23.50	23.03	22.79	22.48
			0	22.00	21.68	21.59	21.69
			13	22.00	21.69	21.59	21.64
15MHz	QPSK	25	25	22.00	21.70	21.59	21.60
			0	22.00	21.67	21.61	21.63
			0	22.00	21.67	21.61	21.63
	16QAM	50	0	22.00	21.67	21.61	21.63
			0	22.00	21.67	21.61	21.63
			0	22.00	21.67	21.61	21.63
20MHz	QPSK	1	0	24.00	23.73	23.61	23.87
			38	24.00	23.71	23.69	23.81
			74	24.00	23.66	23.57	23.66
		36	0	23.00	22.63	22.56	22.68
			18	23.00	22.62	22.52	22.61
			39	23.00	22.59	22.56	22.61
	16QAM	75	0	23.00	22.63	22.56	22.66
			0	23.50	23.04	22.83	22.84
			38	23.50	23.05	22.79	22.80
		1	74	23.00	22.96	22.81	22.69
			0	22.00	21.70	21.65	21.68
			18	22.00	21.66	21.59	21.62
20MHz	QPSK	36	39	22.00	21.64	21.64	21.61
			0	22.00	21.65	21.60	21.72
			0	22.00	21.65	21.60	21.72
	16QAM	75	0	22.00	21.65	21.60	21.72
			0	22.00	21.65	21.60	21.72
			0	22.00	21.65	21.60	21.72
20MHz	QPSK	1	0	24.00	24.00	23.73	23.73
			50	24.00	24.00	23.73	23.79
			99	24.00	24.00	23.71	23.73
		50	0	23.00	23.00	22.73	22.67
			25	23.00	23.00	22.67	22.61
			50	23.00	23.00	22.65	22.63
	16QAM	100	0	23.00	23.00	22.67	22.64
			0	24.00	23.50	23.00	22.85
			50	24.00	23.50	23.07	22.86
		1	99	24.00	23.50	23.06	22.83
			0	23.00	22.00	21.76	21.65
			25	23.00	22.00	21.70	21.60
20MHz	QPSK	50	50	23.00	22.00	21.70	21.61
			0	23.00	22.00	21.67	21.62
			0	23.00	22.00	21.67	21.62
	16QAM	100	0	23.00	22.00	21.67	21.62
			0	23.00	22.00	21.67	21.62
			0	23.00	22.00	21.67	21.62

11.1.4 Conducted Power of LTE Band 4

LTE-FDD Band 4				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		19957	20175	20393	
					1710.7MHz	1732.5MHz	1754.3MHz	
1.4MHz	QPSK	1	0	24.50	23.31	23.71	24.01	
			2	24.50	23.37	23.78	24.04	
			5	24.50	23.34	23.74	24.02	
		3	0	24.00	23.29	23.58	23.93	
			2	24.00	23.28	23.59	23.91	
			3	24.00	23.29	23.60	23.96	
	16QAM	6	0	23.00	22.34	22.57	22.98	
			0	23.50	22.58	22.54	23.15	
			1	23.50	22.51	22.54	23.10	
		3	5	23.50	22.59	22.61	23.14	
			0	23.50	22.53	22.73	23.12	
			2	23.50	22.53	22.74	23.13	
6	3	23.50	22.55	22.74	23.09			
	0	22.50	21.56	21.78	22.19			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	19965	20175	20385
1711.5MHz						1732.5MHz	1753.5MHz	
3MHz	QPSK	1	0	24.50	23.47	23.63	24.06	
			7	24.50	23.53	23.74	24.06	
			14	24.50	23.45	23.67	24.09	
		8	0	23.50	22.41	22.67	23.04	
			4	23.50	22.40	22.66	23.01	
			7	23.50	22.42	22.71	23.03	
	16QAM	15	0	23.50	22.41	22.71	23.06	
			1	0	23.00	22.79	22.87	22.99
				7	23.00	22.79	22.93	22.93
		14		23.00	22.80	22.90	22.93	
		8	0	22.50	21.46	21.68	22.09	
			4	22.50	21.41	21.66	22.03	
			7	22.50	21.44	21.74	22.05	
		15	0	22.50	21.48	21.64	22.10	
			Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	19975
1712.5MHz	1732.5MHz	1752.5MHz						
5MHz	QPSK	1	0	24.50	23.61	23.75	24.05	
			13	24.50	23.62	23.85	24.09	
			24	24.50	23.64	23.86	24.09	
		12	0	23.50	22.50	22.69	23.11	
			6	23.50	22.49	22.72	23.09	
			13	23.50	22.50	22.75	23.08	
	16QAM	25	0	23.50	22.54	22.80	23.13	
			1	0	23.50	22.98	23.07	23.32
				13	23.50	22.97	23.14	23.39
		12		24	23.50	23.01	23.16	23.40
			0	22.50	21.50	21.72	22.16	
			6	22.50	21.46	21.74	22.14	
	25	13	22.50	21.50	21.75	22.15		
		0	22.50	21.46	21.81	22.09		

LTE-FDD Band 4				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20000 1715.0MHz	20175 1732.5MHz	20350 1750.0MHz
10MHz	QPSK	1	0	24.50	23.68	23.75	24.04
			25	24.50	23.62	23.77	24.10
			49	24.50	23.65	23.78	24.16
		25	0	23.50	22.56	22.72	23.04
			13	23.50	22.57	22.74	23.05
			25	23.50	22.61	22.82	23.09
	16QAM	50	0	23.50	22.58	22.79	23.06
			0	23.00	22.89	22.94	22.90
			25	23.00	22.91	22.98	22.94
		1	49	23.50	23.06	23.00	23.07
			0	22.50	21.59	21.71	22.01
			13	22.50	21.58	21.73	22.02
15MHz	QPSK	25	25	22.50	21.61	21.79	22.06
			0	22.50	21.58	21.82	22.03
			0	22.50	21.58	21.82	22.03
	16QAM	50	0	22.50	21.58	21.82	22.03
			0	22.50	21.58	21.82	22.03
			0	22.50	21.58	21.82	22.03
20MHz	QPSK	1	0	24.00	23.48	23.87	23.88
			38	24.50	23.51	23.85	24.03
			74	24.50	23.65	23.84	24.08
		36	0	23.00	22.51	22.67	22.87
			18	23.00	22.51	22.70	22.91
			39	23.00	22.59	22.73	23.00
	16QAM	75	0	23.00	22.54	22.75	22.96
			0	23.50	22.70	22.84	23.27
			38	23.50	22.76	22.86	23.28
		36	74	23.50	22.86	22.90	23.45
			0	22.00	21.59	21.67	21.92
			18	22.00	21.59	21.69	21.96
20MHz	QPSK	39	39	22.50	21.66	21.73	22.05
			0	22.00	21.56	21.79	21.98
			0	22.00	21.56	21.79	21.98
	16QAM	75	0	22.00	21.56	21.79	21.98
			0	22.00	21.56	21.79	21.98
			0	22.00	21.56	21.79	21.98
20MHz	QPSK	1	0	24.00	23.65	23.84	23.90
			50	24.00	23.66	23.90	23.93
			99	24.50	23.74	23.87	24.07
		50	0	23.00	22.62	22.76	22.90
			25	23.00	22.66	22.79	22.97
			50	23.50	22.71	22.84	23.03
	16QAM	100	0	23.00	22.66	22.81	22.97
			0	23.50	22.98	23.02	23.18
			50	23.50	22.97	23.05	23.24
		50	99	23.50	23.09	23.06	23.38
			0	22.00	21.68	21.76	21.94
			25	22.00	21.71	21.78	22.00
20MHz	QPSK	50	50	22.50	21.76	21.82	22.05
			0	22.00	21.68	21.79	21.98
			0	22.00	21.68	21.79	21.98
	16QAM	100	0	22.00	21.68	21.79	21.98
			0	22.00	21.68	21.79	21.98
			0	22.00	21.68	21.79	21.98

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	25.00	24.55	24.46	24.33	
			2	25.00	24.54	24.53	24.33	
			5	25.00	24.54	24.52	24.30	
		3	0	24.50	24.45	24.31	24.30	
			2	24.50	24.41	24.36	24.26	
			3	24.50	24.42	24.36	24.28	
	16QAM	6	0	23.50	23.49	23.39	23.30	
			1	0	24.00	23.42	23.54	23.53
				2	24.00	23.35	23.54	23.47
		3		5	24.00	23.41	23.58	23.52
			3	0	24.00	23.57	23.49	23.50
				2	24.00	23.59	23.51	23.52
3	24.00	23.59		23.51	23.51			
6	0	23.00	22.63	22.51	22.46			
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20415	20525	20635	
					825.5MHz	836.5MHz	847.5MHz	
3MHz	QPSK	1	0	25.00	24.55	24.50	24.37	
			7	25.00	24.56	24.50	24.34	
			14	25.00	24.56	24.47	24.34	
		8	0	24.00	23.55	23.42	23.40	
			4	23.50	23.50	23.41	23.38	
			7	23.50	23.50	23.45	23.38	
	15	0	24.00	23.51	23.45	23.38		
		16QAM	0	0	24.00	23.32	23.83	23.61
				1	7	24.00	23.48	23.91
	14				24.00	23.26	23.85	23.57
	8		0		23.00	22.54	22.46	22.43
			4	22.50	22.49	22.43	22.39	
			7	23.00	22.48	22.51	22.38	
	15	0	23.00	22.55	22.50	22.35		

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	25.00	24.69	24.56	24.48	
			13	25.00	24.65	24.61	24.49	
			24	25.00	24.65	24.59	24.43	
		12	0	24.00	23.59	23.51	23.52	
			6	24.00	23.55	23.46	23.44	
			13	24.00	23.53	23.50	23.42	
	16QAM	25	0	24.00	23.60	23.54	23.48	
			1	0	24.50	24.04	23.89	23.79
				13	24.00	24.00	23.91	23.74
		12		24	24.00	24.00	23.91	23.70
			0	23.00	22.60	22.48	22.53	
			6	23.00	22.52	22.44	22.49	
25	13	22.50	22.49	22.50	22.47			
	0	23.00	22.54	22.55	22.46			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20450	20525	20600
829.0MHz						836.5MHz	844.0MHz	
10MHz	QPSK	1	0	25.00	24.64	24.46	24.61	
			25	25.00	24.61	24.56	24.56	
			49	25.00	24.50	24.53	24.50	
		25	0	24.00	23.63	23.54	23.51	
			13	24.00	23.59	23.51	23.50	
			25	24.00	23.58	23.56	23.44	
		50	0	24.00	23.59	23.53	23.48	
			1	0	24.00	23.99	23.66	23.42
				25	24.00	23.88	23.74	23.39
	16QAM	1		49	24.00	23.93	23.69	23.39
			25	0	23.00	22.61	22.49	22.49
				13	23.00	22.59	22.49	22.48
		25		25	23.00	22.57	22.55	22.43
			50	0	23.00	22.57	22.55	22.46

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	21100	21425
					2502.5MHz	2535.0MHz	2567.5MHz
5MHz	QPSK	1	0	24.00	23.46	23.67	23.62
			13	24.00	23.45	23.79	23.52
			24	24.00	23.32	23.77	23.39
		12	0	23.00	22.39	22.73	22.52
			6	23.00	22.36	22.74	22.47
			13	23.00	22.30	22.75	22.42
	25	0	23.00	22.43	22.78	22.53	
	16QAM	1	0	23.00	22.81	22.97	22.99
			13	23.50	22.73	23.05	22.96
			24	23.50	22.74	23.04	22.90
		12	0	22.00	21.39	21.79	21.52
			6	22.00	21.35	21.81	21.46
			13	22.00	21.32	21.82	21.42
		25	0	22.00	21.45	21.75	21.48
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20800	21100	21400
					2505.0MHz	2535.0MHz	2565.0MHz
10MHz	QPSK	1	0	24.00	23.29	23.72	23.74
			25	24.00	23.33	23.75	23.59
			49	24.00	23.63	23.87	23.40
		25	0	23.00	22.39	22.79	22.64
			13	23.00	22.35	22.79	22.55
			25	23.00	22.45	22.86	22.52
	50	0	23.00	22.41	22.84	22.60	
	16QAM	1	0	23.00	22.89	22.94	22.61
			25	23.00	22.68	22.98	22.44
			49	23.50	23.00	23.06	22.44
		25	0	22.00	21.44	21.77	21.64
			13	22.00	21.37	21.79	21.55
			25	22.00	21.47	21.84	21.51
		50	0	22.00	21.41	21.83	21.59

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20825	21100	21375
					2057.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	24.00	23.44	23.83	23.74
			38	24.50	23.54	24.05	23.71
			74	24.00	23.52	23.92	23.40
		36	0	23.00	22.39	22.79	22.67
			18	23.00	22.47	22.83	22.59
			39	23.00	22.57	22.85	22.52
	16QAM	75	0	23.00	22.52	22.86	22.63
			0	23.50	22.90	22.90	23.09
			38	23.50	22.88	23.21	22.97
		36	74	23.00	22.92	0.00	22.77
			0	22.00	21.46	0.00	21.72
			18	22.00	21.52	21.66	21.65
20MHz	QPSK	39	0	22.00	21.64	21.77	21.57
			75	22.00	21.53	21.84	21.66
		100	0	22.00	21.53	21.84	21.66
			0	24.00	23.22	23.74	23.72
			50	24.00	23.71	23.99	23.65
			99	24.00	23.66	23.87	23.21
	16QAM	50	0	23.00	22.48	22.84	22.80
			25	23.00	22.59	22.93	22.73
			50	23.00	22.63	22.94	22.65
		100	0	23.00	22.54	22.87	22.72
			0	23.50	22.94	22.90	23.09
			50	23.50	23.04	23.09	23.02
	QPSK	99	0	23.50	23.08	22.99	22.79
			0	22.00	21.53	21.79	21.84
			25	22.00	21.64	21.89	21.76
	16QAM	50	50	22.00	21.67	21.89	21.68
			0	22.00	21.54	21.85	21.74
			0	22.00	21.54	21.85	21.74

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	24.00	23.60	23.69	23.57
			2	24.00	23.54	23.67	23.53
			5	24.00	23.53	23.62	23.51
		3	0	24.00	23.55	23.51	23.50
			2	24.00	23.54	23.47	23.45
			3	24.00	23.53	23.51	23.51
		6	0	23.00	22.55	22.51	22.55
	16QAM	1	0	23.00	22.79	22.51	22.69
			2	23.00	22.72	22.45	22.63
			5	23.00	22.81	22.50	22.66
		3	0	23.00	22.76	22.63	22.67
			2	23.00	22.72	22.62	22.66
			3	23.00	22.76	22.67	22.63
3MHz	QPSK	1	0	24.00	23.75	23.76	23.67
			7	24.00	23.63	23.74	23.67
			14	24.00	23.65	23.70	23.57
		8	0	23.00	22.61	22.62	22.66
			4	23.00	22.60	22.58	22.63
			7	23.00	22.60	22.59	22.58
		15	0	23.00	22.62	22.63	22.63
	16QAM	1	0	23.50	23.05	22.67	22.99
			7	23.50	23.01	22.64	22.96
			14	23.00	22.96	22.63	22.97
		8	0	22.00	21.64	21.62	21.65
			4	22.00	21.62	21.61	21.61
			7	22.00	21.66	21.60	21.59
		15	0	22.00	21.65	21.70	21.63

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	24.00	23.90	23.67	23.76
			13	24.00	23.84	23.72	23.73
			24	24.00	23.81	23.63	23.73
		12	0	23.00	22.73	22.67	22.70
			6	23.00	22.71	22.67	22.66
			13	23.00	22.73	22.63	22.64
	16QAM	25	0	23.00	22.73	22.69	22.70
			0	23.50	23.21	22.92	23.03
			13	23.50	23.19	22.98	23.08
		1	24	23.50	23.17	22.98	23.11
			0	22.00	21.70	21.75	21.65
			6	22.00	21.65	21.71	21.65
10MHz	QPSK	12	13	22.00	21.71	21.70	21.63
			0	22.00	21.68	21.33	21.68
			25	22.00	21.68	21.33	21.68
	16QAM	25	0	22.00	21.68	21.33	21.68
			0	23.50	23.16	22.71	23.18
			25	23.50	22.99	22.59	23.03
10MHz	QPSK	1	25	23.50	23.07	22.62	23.00
			49	23.50	23.07	22.62	23.00
			0	22.00	21.71	21.68	21.71
	16QAM	25	13	22.00	21.69	21.55	21.65
			25	22.00	21.72	21.15	21.67
			0	22.00	21.71	21.65	21.72

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 706.5MHz	23790 710.0MHz	23825 713.5MHz
5MHz	QPSK	1	0	24.00	23.74	23.69	23.83
			13	24.00	23.78	23.70	23.84
			24	24.00	23.72	23.64	23.83
		12	0	23.00	22.70	22.68	22.71
			6	23.00	22.65	22.63	22.66
			13	23.00	22.68	22.65	22.63
	16QAM	25	0	23.00	22.72	22.70	22.71
			0	23.50	23.12	22.93	23.18
			13	23.50	23.05	23.01	23.25
		12	24	23.50	23.04	23.00	23.13
			0	22.00	21.66	21.71	21.69
			6	22.00	21.62	21.68	21.64
10MHz	QPSK	1	13	22.00	21.64	21.69	21.61
			25	22.00	21.71	21.68	21.66
			0	22.00	21.71	21.68	21.66
		25	0	23.80	23.80	23.66	23.77
			25	24.00	23.67	23.70	23.78
			49	24.00	23.72	23.63	23.72
		50	0	23.00	22.71	22.72	22.73
			13	23.00	22.71	22.69	22.70
			25	23.00	22.71	22.68	22.66
	16QAM	1	0	23.00	22.69	22.71	22.68
			0	23.50	23.12	22.89	22.64
			25	23.00	23.00	22.93	22.63
		25	49	23.50	23.09	22.87	22.55
			0	22.00	21.69	21.70	21.69
			13	22.00	21.67	21.66	21.66
		50	25	22.00	21.68	21.65	21.63
			0	22.00	21.69	21.71	21.67
			0	22.00	21.69	21.71	21.67

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	38000	38225	
					2572.5MHz	2595.0MHz	2617.5MHz	
5MHz	QPSK	1	0	24.50	23.67	23.68	24.03	
			13	24.50	23.67	23.72	24.13	
			24	24.50	23.61	23.70	24.05	
		12	0	23.00	22.73	22.75	22.82	
			6	23.00	22.66	22.71	22.83	
			13	23.00	22.63	22.74	22.85	
	16QAM	25	0	23.00	22.68	22.79	22.87	
			1	0	23.50	23.00	22.95	23.35
				13	23.50	22.95	23.03	23.37
		24		23.50	22.94	23.01	23.40	
		12	0	22.00	21.69	21.77	21.81	
			6	22.00	21.65	21.75	21.81	
13	22.00		21.59	21.80	21.83			
25	0	22.00	21.69	21.75	21.80			
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	37800	38000	38200	
					2575.0MHz	2595.0MHz	2615.0MHz	
10MHz	QPSK	1	0	24.00	23.62	23.67	23.83	
			25	24.00	23.63	23.71	23.75	
			49	24.00	23.51	23.66	23.84	
		25	0	23.00	22.67	22.73	22.79	
			13	23.00	22.65	22.70	22.75	
			25	23.00	22.62	22.76	22.84	
	16QAM	50	0	23.00	22.64	22.75	22.81	
			1	0	23.50	23.33	22.86	22.84
				25	23.50	23.08	22.87	22.73
		49		23.50	23.15	22.93	22.88	
		25	0	22.00	21.67	21.70	21.77	
			13	22.00	21.61	21.68	21.73	
25	22.00		21.60	21.75	21.82			
50	0	22.00	21.64	21.76	21.78			

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175		
					2577.5MHz	2595.0MHz	2612.5MHz		
15MHz	QPSK	1	0	24.50	23.72	23.73	24.04		
			38	24.50	23.69	23.74	24.02		
			74	24.00	23.74	23.67	23.99		
		36	0	23.00	22.67	22.71	22.80		
			18	23.00	22.58	22.73	22.75		
			39	23.00	22.56	22.75	22.79		
	16QAM	75	0	23.00	22.65	22.72	22.78		
			1	0	23.50	23.23	22.83	23.00	
				38	23.50	23.11	23.05	22.99	
		36		74	23.50	23.14	22.89	23.05	
			75	0	22.00	21.73	21.80	21.80	
				18	22.00	21.65	21.79	21.75	
39	22.00	21.61		21.82	21.77				
0	22.00	21.66	21.73	21.86					
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	38750	38000	38150		
					2580.0MHz	2595.0MHz	2610.0MHz		
20MHz	QPSK	1	0	24.00	23.60	23.66	23.64		
			50	24.00	23.51	23.80	23.70		
			99	24.00	23.63	23.78	23.72		
		50	0	23.00	22.70	22.74	22.83		
			25	23.00	22.63	22.79	22.85		
			50	23.00	22.65	22.82	22.86		
		100	0	23.00	22.66	22.77	22.83		
			16QAM	1	0	23.50	22.87	22.75	23.07
					50	23.50	22.76	22.89	23.11
	99	23.50			22.87	22.83	23.11		
	50	0		22.00	21.74	21.70	21.84		
		25		22.00	21.68	21.73	21.86		
		50		22.00	21.68	21.77	21.87		
	100	0	22.00	21.65	21.74	21.83			

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 2498.5MHz	40160 2552.0MHz	40620 2593 MHz	41080 2639.5 MHz	41565 2687.5 MHz
5MHz	QPSK	1	0	24.00	23.57	23.12	23.66	23.21	23.75
			13	24.00	23.57	23.12	23.67	23.15	23.62
			24	24.00	23.62	23.15	23.67	23.11	23.55
		12	0	23.00	22.41	22.05	22.68	22.23	22.77
			6	23.00	22.38	22.04	22.69	22.21	22.72
			13	23.00	22.41	22.06	22.71	22.21	22.71
	16QAM	25	0	23.00	22.44	22.10	22.75	22.27	22.78
			0	23.00	22.98	22.46	22.94	22.47	22.99
			13	23.00	22.99	22.44	22.89	22.45	23.00
		1	24	23.50	23.02	22.48	22.93	22.46	22.98
			0	22.00	21.40	21.03	21.65	21.22	21.78
			6	22.00	21.40	21.03	21.65	21.19	21.73
		12	13	22.00	21.42	21.05	21.68	21.23	21.77
			0	22.00	21.38	21.07	21.76	21.24	21.72
			0	22.00	21.38	21.07	21.76	21.24	21.72
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	39700 2501.0MHz	40135 2549.5MHz	40620 2593 MHz	41055 2637.0 MHz	41540 2685.0MHz
10MHz	QPSK	1	0	24.00	23.55	22.05	23.73	22.26	23.80
			25	24.00	23.45	22.08	23.68	22.25	23.66
			49	24.00	23.54	22.10	23.71	22.27	23.45
		25	0	23.00	22.42	22.11	22.70	22.27	22.82
			13	23.00	22.41	22.45	22.67	22.51	22.76
			25	23.00	22.47	22.47	22.74	22.54	22.77
	16QAM	50	0	23.00	22.43	22.44	22.75	22.45	22.80
			0	23.50	23.02	21.12	22.87	21.29	23.02
			25	23.00	22.90	21.15	22.85	21.29	22.89
		1	49	23.50	23.02	21.18	22.89	21.31	22.92
			0	22.00	21.42	21.12	21.69	21.30	21.83
			13	22.00	21.43	23.42	21.65	23.16	21.73
		25	25	22.00	21.50	23.38	21.72	23.22	21.74
			0	22.00	21.44	23.24	21.76	23.09	21.78
			0	22.00	21.44	23.24	21.76	23.09	21.78

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	24.50	23.52	23.16	23.80	23.42	24.03
			38	24.50	23.52	23.13	23.74	23.38	24.02
			74	24.00	23.50	23.14	23.77	23.24	23.70
		36	0	23.00	22.39	22.05	22.70	22.26	22.81
			18	23.00	22.43	22.08	22.72	22.25	22.77
			39	23.00	22.45	22.10	22.75	22.27	22.78
		75	0	23.00	22.48	22.11	22.74	22.27	22.80
			0	23.50	22.97	22.45	22.92	22.51	23.09
			38	23.50	22.95	22.47	22.99	22.54	23.08
	16QAM	1	74	23.00	22.97	22.44	22.91	22.45	22.99
			0	22.00	21.46	21.12	21.78	21.29	21.80
			18	22.00	21.48	21.15	21.81	21.29	21.77
		36	39	22.00	21.50	21.18	21.85	21.31	21.77
			0	22.00	21.49	21.12	21.75	21.30	21.85
			0	23.50	22.97	22.45	22.92	22.51	23.09
			38	23.50	22.95	22.47	22.99	22.54	23.08
			74	23.00	22.97	22.44	22.91	22.45	22.99
		75	0	22.00	21.46	21.12	21.78	21.29	21.80
			18	22.00	21.48	21.15	21.81	21.29	21.77
			39	22.00	21.50	21.18	21.85	21.31	21.77
20MHz	QPSK	1	0	24.00	23.29	23.00	23.70	23.20	23.70
			50	24.00	23.42	23.14	23.85	23.31	23.77
			99	24.00	23.48	23.19	23.89	23.22	23.54
		50	0	23.00	22.45	22.10	22.75	22.33	22.90
			25	23.00	22.50	22.16	22.81	22.34	22.86
			50	23.00	22.53	22.18	22.83	22.34	22.85
		100	0	23.00	22.48	22.13	22.77	22.31	22.84
			0	23.50	22.76	22.29	22.82	22.46	23.10
			50	23.50	22.75	22.32	22.88	22.53	23.17
			99	23.50	22.84	22.37	22.89	22.52	23.14
	16QAM	1	0	22.00	21.49	21.11	21.72	21.32	21.91
			25	22.00	21.54	21.16	21.77	21.33	21.88
			50	22.00	21.58	21.19	21.79	21.33	21.87
		50	0	22.00	21.51	21.13	21.75	21.31	21.86
			0	22.00	21.51	21.13	21.75	21.31	21.86
			0	22.00	21.51	21.13	21.75	21.31	21.86
		100	0	22.00	21.51	21.13	21.75	21.31	21.86
			0	22.00	21.51	21.13	21.75	21.31	21.86
			0	22.00	21.51	21.13	21.75	21.31	21.86
		100	0	22.00	21.51	21.13	21.75	21.31	21.86
			0	22.00	21.51	21.13	21.75	21.31	21.86
			0	22.00	21.51	21.13	21.75	21.31	21.86

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	21.50	21.02	20.80	20.94
			13	21.50	21.02	20.91	20.92
			24	21.00	20.98	20.95	20.95
		12	0	20.00	19.97	19.82	19.88
			6	20.00	19.99	19.90	19.84
			13	20.00	19.97	19.91	19.88
	16QAM	25	0	20.50	20.03	19.94	19.88
			0	20.50	20.26	20.11	20.48
			13	20.50	20.24	20.24	20.45
		12	24	20.50	20.24	20.29	20.49
			0	19.00	18.97	18.89	18.88
			6	19.00	18.99	18.92	18.84
10MHz	QPSK	1	13	19.00	18.99	18.98	18.87
			25	19.50	19.03	18.89	18.83
		25	0	19.00	18.97	18.89	18.88
			6	19.00	18.99	18.92	18.84
			13	19.00	18.99	18.98	18.87
		50	0	19.50	19.03	18.89	18.83
	16QAM	1	0	21.50	21.09	20.80	21.00
			25	21.00	20.94	20.87	20.86
			49	21.50	21.03	21.09	20.94
		25	0	20.00	19.99	19.81	19.87
			13	20.00	19.97	19.85	19.84
			25	20.00	20.00	20.00	19.87
15MHz	QPSK	50	0	20.50	20.01	19.94	19.88
			0	21.00	20.55	19.92	19.94
			25	20.50	20.35	20.02	19.82
		1	49	20.50	20.48	20.25	19.93
			0	19.00	18.99	18.81	18.89
			13	19.00	18.97	18.82	18.83
20MHz	16QAM	25	25	19.00	18.98	18.98	18.86
			0	19.00	18.99	18.92	18.84
			0	19.00	18.99	18.92	18.84
		50	0	19.00	18.99	18.92	18.84
			0	19.00	18.99	18.92	18.84
			0	19.00	18.99	18.92	18.84

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	21.50	21.06	20.74	21.08
			38	21.50	21.04	20.98	21.04
			74	21.50	21.00	21.19	21.02
		36	0	20.00	19.98	19.77	19.95
			18	20.00	19.93	19.86	19.92
			39	20.50	19.96	20.04	19.91
	16QAM	1	0	20.50	20.47	19.85	20.18
			38	20.50	20.46	20.17	20.13
			74	21.00	20.52	20.30	20.11
		36	0	19.50	19.08	18.85	18.92
			18	19.00	18.96	18.96	18.86
			39	19.50	19.05	19.10	18.86
20MHz	QPSK	1	0	21.50	21.06	20.74	21.00
			50	21.50	21.00	21.04	21.00
			99	21.50	21.03	21.24	20.94
		50	0	20.50	20.09	19.81	20.04
			25	20.50	20.03	20.00	20.03
			50	20.50	20.03	20.11	19.97
		100	0	20.50	20.07	19.96	19.95
	16QAM	1	0	20.50	20.43	19.90	20.19
			50	20.50	20.26	20.19	20.16
			99	20.50	20.34	20.40	20.14
		50	0	19.50	19.09	18.82	19.02
			25	19.50	19.08	18.97	19.01
			50	19.50	19.09	19.11	18.96
		100	0	19.50	19.04	18.96	18.97
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42190	42590	42990
					3460.0MHz	3500.0MHz	3540.0MHz

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	24.00	23.42	23.91	23.99	
			2	24.50	23.46	23.91	24.01	
			5	24.00	23.46	23.87	23.97	
		3	0	24.00	23.39	23.85	23.60	
			2	24.00	23.37	23.81	23.57	
			3	24.00	23.40	23.83	23.54	
	16QAM	6	0	23.00	22.43	22.89	22.96	
			1	0	23.50	22.56	23.13	23.12
				2	23.50	22.52	23.08	23.05
		3		5	23.50	22.58	23.14	23.11
			0	23.50	22.58	23.07	23.09	
			2	23.50	22.55	23.09	23.06	
6	3	23.50	22.59	23.05	23.10			
	0	22.50	21.63	22.04	22.09			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	131987	132322	132657
1711.5MHz						1755.0MHz	1778.5MHz	
3MHz	QPSK	1	0	24.00	23.43	23.92	23.96	
			7	24.00	23.46	23.99	23.90	
			14	24.00	23.53	23.97	23.91	
		8	0	23.00	22.45	22.86	22.96	
			4	23.00	22.44	22.85	22.94	
			7	23.00	22.46	22.90	22.97	
	16QAM	15	0	23.00	22.47	22.89	22.97	
			1	0	23.50	22.39	23.23	23.21
				7	23.50	22.37	23.25	23.16
		14		23.50	22.36	23.24	23.18	
		8	0	22.00	21.48	21.90	21.97	
			4	22.00	21.45	21.89	21.96	
7	22.00		21.50	21.97	21.99			
15	0	22.00	21.56	21.94	21.94			
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	131997	132322	132647	
					1712.5MHz	1755.0MHz	1775.0MHz	
5MHz	QPSK	1	0	24.50	23.61	24.14	24.10	
			13	24.50	23.72	24.04	23.87	
			24	24.50	23.73	24.12	23.77	
		12	0	23.50	22.58	22.96	23.07	
			6	23.50	22.56	22.98	23.03	
			13	23.50	22.58	23.04	23.05	
	16QAM	25	0	23.50	22.63	23.05	23.09	
			1	0	23.50	23.02	23.27	23.33
				13	23.50	23.02	23.32	23.42
		24		23.50	23.06	23.44	23.36	
		12	0	22.50	21.56	21.98	22.12	
			6	22.50	21.56	21.97	22.13	
13	22.50		21.57	22.01	22.12			
25	0	22.50	21.57	22.06	22.06			

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	24.50	23.76	23.94	24.08
			25	24.50	23.66	24.01	23.97
			49	24.50	23.71	24.03	23.98
		25	0	23.50	22.67	22.94	23.08
			13	23.50	22.68	22.96	23.01
			25	23.50	22.69	23.01	23.03
	16QAM	50	0	23.50	22.70	23.00	23.06
			0	23.50	23.03	23.38	23.29
			25	23.50	22.98	23.29	23.19
		1	49	23.50	23.05	23.42	23.24
			0	22.50	21.67	21.96	22.06
			13	22.00	21.66	21.97	22.00
15MHz	QPSK	25	25	22.50	21.69	22.02	22.00
			0	22.50	21.68	21.97	22.07
			0	22.50	21.68	21.97	22.07
	16QAM	50	0	22.50	21.68	21.97	22.07
			0	22.50	21.68	21.97	22.07
			0	22.50	21.68	21.97	22.07
20MHz	QPSK	1	0	24.50	23.68	24.02	24.25
			38	24.50	23.63	24.01	24.23
			74	24.50	23.75	24.08	23.94
		36	0	23.50	22.61	22.96	23.11
			18	23.50	22.55	22.97	23.04
			39	23.50	22.60	23.01	23.02
	16QAM	75	0	23.50	22.62	22.99	23.09
			0	23.50	22.96	23.20	23.30
			38	23.50	22.98	23.26	23.25
		1	74	23.50	23.13	23.29	23.18
			0	22.50	21.65	22.05	22.10
			18	22.50	21.61	22.04	22.04
25MHz	QPSK	36	39	22.50	21.67	22.09	22.01
			0	22.50	21.63	22.02	22.14
			0	22.50	21.63	22.02	22.14
	16QAM	75	0	22.50	21.63	22.02	22.14
			0	22.50	21.63	22.02	22.14
			0	22.50	21.63	22.02	22.14
30MHz	QPSK	1	0	24.50	23.70	24.03	24.35
			50	24.50	23.71	24.07	24.19
			99	24.50	23.85	24.13	23.87
		50	0	23.50	22.69	23.03	23.25
			25	23.50	22.73	23.05	23.13
			50	23.50	22.79	23.08	23.07
	16QAM	100	0	23.50	22.73	23.07	23.17
			0	24.00	23.02	23.36	23.56
			50	24.00	23.04	23.39	23.64
		1	99	24.00	23.16	22.02	23.58
			0	22.50	21.75	22.04	22.29
			25	22.50	21.78	22.06	22.19
40MHz	QPSK	50	50	22.50	21.83	22.13	22.11
			0	22.50	21.75	22.08	22.15
			0	22.50	21.75	22.08	22.15
	16QAM	100	0	22.50	21.75	22.08	22.15
			0	22.50	21.75	22.08	22.15
			0	22.50	21.75	22.08	22.15

11.1.13 Conducted Power of LTE Band 71

LTE-TDD Band 71				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		133147 665.1 MHz	133297 680.5MHz	133447 695.5MHz
5MHz	QPSK	1	0	24.00	23.75	23.53	23.75
			13	24.00	23.67	23.56	23.69
			24	24.00	23.69	23.58	23.70
		12	0	23.00	22.66	22.50	22.68
			6	23.00	22.59	22.51	22.63
			13	23.00	22.64	22.55	22.61
	16QAM	25	0	23.00	22.68	22.55	22.70
			0	23.50	23.11	22.81	23.17
			13	23.50	22.97	22.84	23.11
		12	24	23.50	23.03	22.90	23.15
			0	22.00	21.62	21.52	21.64
			6	22.00	21.58	21.53	21.62
10MHz	QPSK	1	13	22.00	21.60	21.56	21.57
			0	22.00	21.71	21.48	21.62
			25	22.00	21.71	21.48	21.62
		25	0	24.00	23.68	23.58	23.71
			25	24.00	23.61	23.49	23.76
			49	24.00	23.59	23.54	23.67
		50	0	23.00	22.56	22.50	22.66
			13	23.00	22.60	22.52	22.67
			25	23.00	22.60	22.58	22.62
	16QAM	1	0	23.00	22.59	22.55	22.69
			0	23.50	23.07	22.76	22.54
			25	23.00	23.00	22.74	22.59
		25	49	23.50	23.04	22.78	22.55
			0	22.00	21.58	21.47	21.63
			13	22.00	21.59	21.49	21.62
		50	25	22.00	21.59	21.57	21.59
			0	22.00	21.56	21.56	21.63
			0	22.00	21.56	21.56	21.63

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133197	133297	133297
					670.5MHz	680.5MHz	693.0MHz
15MHz	QPSK	1	0	24.00	23.74	23.61	23.68
			38	24.00	23.57	23.53	23.75
			74	24.00	23.51	23.51	23.67
		36	0	23.00	22.56	22.51	22.62
			18	23.00	22.54	22.49	22.63
			39	23.00	22.54	22.54	22.64
	16QAM	75	0	23.00	22.58	22.53	22.64
			0	23.50	23.13	22.81	22.74
			38	23.00	22.97	22.75	22.83
		1	74	23.00	22.98	22.79	22.69
			0	22.00	21.60	21.57	21.58
			18	22.00	21.57	21.54	21.61
20MHz	QPSK	36	39	22.00	21.56	21.58	21.62
			75	0	21.56	21.55	21.70
		1	0	22.00	21.56	21.55	21.70
			0	24.00	23.67	23.69	23.51
			50	24.00	23.59	23.63	23.60
			99	24.00	23.64	23.76	23.56
	16QAM	50	0	23.00	22.56	22.56	22.65
			25	23.00	22.58	22.57	22.66
			50	23.00	22.56	22.57	22.67
		100	0	23.00	22.53	22.57	22.64
			0	23.50	23.08	22.88	22.84
			50	23.00	22.93	22.74	22.95
20MHz	QPSK	1	99	23.50	23.03	22.88	22.93
			0	22.00	21.59	21.50	21.65
			25	22.00	21.61	21.52	21.66
	16QAM	50	50	22.00	21.60	21.55	21.67
			100	0	21.53	21.52	21.64
			0	22.00	21.53	21.52	21.64

11.1.14 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	25.50	24.97	25.06	25.03
	DFT QPSK	24@0	LOW	24.50	24.14	24.13	24.07
	DFT QPSK	12@6	LOW	25.50	25.14	25.18	25.05
	DFT QPSK	1@1	LOW	25.50	25.00	25.47	25.17
	DFT QPSK	1@22	LOW	25.50	24.95	25.45	25.19
	DFT QAM16	1@1	LOW	24.50	23.97	23.91	24.26
	DFT QAM64	1@1	LOW	23.00	22.54	22.44	22.56
	DFT QAM256	1@1	LOW	21.00	20.58	20.76	20.64
	CP QPSK	1@1	LOW	24.50	24.19	23.80	23.56
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	25.50	25.03	25.33	25.26
	DFT QPSK	36@0	LOW	24.50	24.19	24.20	24.15
	DFT QPSK	18@9	LOW	25.50	25.18	25.18	25.16
	DFT QPSK	1@1	LOW	25.50	25.18	24.95	25.07
	DFT QPSK	1@36	LOW	25.50	25.13	24.90	24.94
	DFT QAM16	1@1	LOW	25.00	24.79	24.33	24.23
	DFT QAM64	1@1	LOW	23.00	22.82	22.69	22.97
	DFT QAM256	1@1	LOW	21.00	20.98	20.60	20.97
	CP QPSK	1@1	LOW	24.00	23.49	23.61	23.60
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	25.50	25.03	24.91	24.97
	DFT QPSK	50@0	LOW	24.50	24.19	24.16	24.07
	DFT QPSK	25@12	LOW	25.50	25.20	25.20	25.10
	DFT QPSK	1@1	LOW	25.50	25.08	24.99	25.08
	DFT QPSK	1@49	LOW	25.50	24.93	24.97	25.09
	DFT QAM16	1@1	LOW	24.50	24.22	24.19	23.81
	DFT QAM64	1@1	LOW	23.00	22.87	22.75	22.44
	DFT QAM256	1@1	LOW	21.00	20.55	20.68	20.69
	CP QPSK	1@1	LOW	24.50	23.60	23.80	24.11

11.1.15 Conducted Power of NR n7

NR n7				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		501000	507000	513000
					2505.0MHz	2535.0MHz	2565.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	25.09	25.22	24.98
	DFT_QPSK	24@0	LOW	24.50	24.00	24.31	24.10
	DFT_QPSK	12@6	LOW	25.50	24.97	25.31	25.05
	DFT_QPSK	1@1	LOW	25.50	24.92	25.41	25.23
	DFT_QPSK	1@22	LOW	25.50	25.09	25.31	25.15
	DFT_QAM16	1@1	LOW	24.50	24.07	24.38	24.43
	DFT_QAM64	1@1	LOW	23.50	22.41	23.47	23.04
	DFT_QAM256	1@1	LOW	21.50	20.72	21.23	21.01
	CP_QPSK	1@1	LOW	25.00	23.60	24.52	23.81
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	25.50	24.74	25.18	25.42
	DFT_QPSK	36@0	LOW	24.50	24.18	24.28	24.25
	DFT_QPSK	18@9	LOW	25.50	25.17	25.28	25.17
	DFT_QPSK	1@1	LOW	26.00	24.68	25.19	25.62
	DFT_QPSK	1@36	LOW	25.50	24.93	25.17	25.37
	DFT_QAM16	1@1	LOW	25.00	23.73	23.98	24.64
	DFT_QAM64	1@1	LOW	23.50	22.60	22.67	23.10
	DFT_QAM256	1@1	LOW	21.50	20.57	20.66	21.36
	CP_QPSK	1@1	LOW	24.50	23.78	24.47	23.68
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	25.50	24.74	25.21	25.18
	DFT_QPSK	50@0	LOW	24.50	24.17	24.29	24.26
	DFT_QPSK	25@12	LOW	25.50	25.26	25.33	25.18
	DFT_QPSK	1@1	LOW	25.50	25.02	25.26	25.28
	DFT_QPSK	1@49	LOW	25.50	25.21	25.33	25.07
	DFT_QAM16	1@1	LOW	25.00	24.01	24.71	24.41
	DFT_QAM64	1@1	LOW	23.00	22.71	22.69	22.70
	DFT_QAM256	1@1	LOW	21.50	21.03	20.79	20.67
	CP_QPSK	1@1	LOW	24.00	23.51	23.54	23.59

11.1.16 ConductdPower of NR n12

NR n12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		140800	141500	142200
					704.0MHz	707.5MHz	711.0MHz
5MHz	DFT BPSK	1@1	LOW	25.50	25.00	25.13	25.18
	DFT QPSK	25@0	LOW	24.50	24.21	24.28	24.21
	DFT QPSK	12@6	LOW	25.50	25.25	25.28	25.21
	DFT QPSK	1@1	LOW	26.00	25.00	25.55	25.39
	DFT QPSK	1@23	LOW	26.00	25.01	25.53	25.31
	DFT QAM16	1@1	LOW	24.50	24.09	23.96	24.44
	DFT QAM64	1@1	LOW	23.00	22.55	22.65	22.79
	DFT QAM256	1@1	LOW	21.00	20.60	20.86	20.71
CP QPSK	1@1	LOW	24.50	24.14	23.91	23.79	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	140800	141500	142200
					704.0MHz	707.5MHz	711.0MHz
10MHz	DFT BPSK	1@1	LOW	25.50	25.27	25.35	25.20
	DFT QPSK	50@0	LOW	24.50	24.19	24.15	24.26
	DFT QPSK	25@12	LOW	25.50	25.21	25.18	25.21
	DFT QPSK	1@1	LOW	25.50	25.13	25.45	25.03
	DFT QPSK	1@50	LOW	25.50	25.17	25.42	24.99
	DFT QAM16	1@1	LOW	25.00	24.75	24.41	23.89
	DFT QAM64	1@1	LOW	23.00	22.72	22.74	22.68
	DFT QAM256	1@1	LOW	21.00	20.69	20.85	20.95
	CP QPSK	1@1	LOW	24.50	23.23	23.72	24.01
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	141300	141500	141700
					706.5MHz	707.5MHz	708.8MHz
15MHz	DFT BPSK	1@1	LOW	25.50	25.10	25.05	25.21
	DFT QPSK	75@0	LOW	24.50	24.25	24.29	24.28
	DFT QPSK	36@18	LOW	25.50	25.28	25.29	25.31
	DFT QPSK	1@1	LOW	25.50	24.80	24.91	25.19
	DFT QPSK	1@77	LOW	25.50	24.86	24.90	25.16
	DFT QAM16	1@1	LOW	25.00	24.53	24.13	24.21
	DFT QAM64	1@1	LOW	23.50	23.13	22.89	22.66
	DFT QAM256	1@1	LOW	21.00	20.76	20.64	20.86
	CP QPSK	1@1	LOW	24.50	23.78	24.23	24.36

11.1.17 Conducted Power of NR n38

NR n38				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		515000	519000	523000
					2575.0MHz	2595.0MHz	2615.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	24.92	25.22	25.05
	DFT_QPSK	24@0	LOW	24.50	23.99	24.15	24.12
	DFT_QPSK	12@6	LOW	25.50	25.15	25.24	25.18
	DFT_QPSK	1@1	LOW	25.50	25.48	25.02	24.97
	DFT_QPSK	1@22	LOW	26.00	25.70	24.97	24.97
	DFT_QAM16	1@1	LOW	24.50	24.05	23.90	23.61
	DFT_QAM64	1@1	LOW	23.00	22.40	22.80	22.68
	DFT_QAM256	1@1	LOW	21.00	20.65	20.65	20.93
	CP_QPSK	1@1	LOW	24.50	24.24	24.14	23.71
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	515500	519000	522500
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	DFT_BPSK	1@1	LOW	25.50	24.60	24.70	25.04
	DFT_QPSK	36@0	LOW	24.50	24.12	24.13	24.12
	DFT_QPSK	18@9	LOW	25.50	24.99	25.07	25.03
	DFT_QPSK	1@1	LOW	25.50	24.69	24.73	25.14
	DFT_QPSK	1@36	LOW	25.50	24.72	24.80	25.13
	DFT_QAM16	1@1	LOW	24.00	23.65	23.95	23.75
	DFT_QAM64	1@1	LOW	23.50	23.18	22.37	22.24
	DFT_QAM256	1@1	LOW	20.50	20.19	20.48	20.27
	CP_QPSK	1@1	LOW	25.00	23.15	25.00	23.91
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	522500	519000	522000
					2580.0MHz	2595.0MHz	2610.0MHz
20MHz	DFT_BPSK	1@1	LOW	25.00	24.82	24.79	24.75
	DFT_QPSK	50@0	LOW	24.50	24.01	24.05	24.09
	DFT_QPSK	25@12	LOW	25.50	24.98	25.05	25.17
	DFT_QPSK	1@1	LOW	25.00	24.83	24.90	24.89
	DFT_QPSK	1@49	LOW	25.50	24.90	25.35	24.98
	DFT_QAM16	1@1	LOW	24.50	24.11	24.49	24.04
	DFT_QAM64	1@1	LOW	23.00	22.47	22.66	22.34
	DFT_QAM256	1@1	LOW	21.00	20.75	20.53	20.46
	CP_QPSK	1@1	LOW	24.00	23.04	23.61	23.12

11.1.18 Conducted Power of NR n41

NR n41				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		501204	518598	535998
					2506.0MHz	2593.0MHz	2680.0MHz
20MHz	DFT_BPSK	1@1	LOW	25.00	24.66	24.70	24.99
	DFT_QPSK	50@0	LOW	25.00	24.56	23.84	24.10
	DFT_QPSK	25@12	LOW	26.50	26.45	24.98	25.01
	DFT_QPSK	1@1	LOW	26.00	25.53	24.88	25.03
	DFT_QPSK	1@49	LOW	26.00	25.66	24.89	25.16
	DFT_QAM16	1@1	LOW	24.00	23.50	23.74	23.84
	DFT_QAM64	1@1	LOW	23.50	23.04	22.24	22.22
	DFT_QAM256	1@1	LOW	20.50	20.25	20.35	20.21
	CP_QPSK	1@1	LOW	23.50	23.22	23.44	23.35
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	504204	518598	532998
					2521.0MHz	2593.0MHz	2665.0MHz
50MHz	DFT_BPSK	1@1	LOW	25.00	24.67	24.73	24.65
	DFT_QPSK	128@0	LOW	24.50	23.65	24.03	23.72
	DFT_QPSK	64@32	LOW	25.50	24.70	25.09	24.98
	DFT_QPSK	1@1	LOW	25.50	24.56	25.09	24.98
	DFT_QPSK	1@131	LOW	25.50	24.55	25.22	25.01
	DFT_QAM16	1@1	LOW	24.00	23.65	23.83	23.85
	DFT_QAM64	1@1	LOW	22.50	22.41	22.50	22.27
	DFT_QAM256	1@1	LOW	21.00	20.51	20.35	20.51
	CP_QPSK	1@1	LOW	24.00	23.88	23.35	23.07
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	509202	518598	528000
					2546.0MHz	2593.0MHz	2640.0MHz
100MHz	DFT_BPSK	1@1	LOW	25.00	24.82	24.79	24.75
	DFT_QPSK	270@0	LOW	24.50	24.01	24.05	24.09
	DFT_QPSK	135@67	LOW	25.50	24.98	25.05	25.17
	DFT_QPSK	1@1	LOW	25.00	24.83	24.90	24.89
	DFT_QPSK	1@271	LOW	25.50	24.90	25.35	24.98
	DFT_QAM16	1@1	LOW	24.50	24.11	24.49	24.04
	DFT_QAM64	1@1	LOW	23.00	22.47	22.66	22.34
	DFT_QAM256	1@1	LOW	21.00	20.75	20.53	20.46
	CP_QPSK	1@1	LOW	24.00	23.04	23.61	23.12

11.1.19 Conducted Power of NR n66

NR n66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		343000 1715.0MHz	349000 1745.0MHz	355000 1775.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	24.53	25.03	25.08
	DFT_QPSK	24@0	LOW	24.50	23.76	24.22	24.14
	DFT_QPSK	12@6	LOW	25.50	24.76	25.24	25.10
	DFT_QPSK	1@1	LOW	25.50	24.63	25.50	25.30
	DFT_QPSK	1@22	LOW	25.50	24.57	25.47	25.21
	DFT_QAM16	1@1	LOW	24.50	23.68	23.94	24.37
	DFT_QAM64	1@1	LOW	23.00	22.07	22.47	22.69
	DFT_QAM256	1@1	LOW	21.00	20.11	20.85	20.70
	CP_QPSK	1@1	LOW	24.00	23.72	23.87	23.68
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	344000 1720.0MHz	349000 1745.0MHz	354000 1770.0MHz
20MHz	DFT_BPSK	1@1	LOW	25.50	24.87	25.05	25.11
	DFT_QPSK	50@0	LOW	24.50	23.85	24.22	24.30
	DFT_QPSK	25@12	LOW	25.50	24.83	25.22	25.32
	DFT_QPSK	1@1	LOW	25.50	24.88	25.26	25.29
	DFT_QPSK	1@49	LOW	25.50	24.98	25.39	24.80
	DFT_QAM16	1@1	LOW	25.00	24.34	24.19	24.52
	DFT_QAM64	1@1	LOW	23.50	22.28	22.60	23.26
	DFT_QAM256	1@1	LOW	21.50	20.43	20.65	21.18
	CP_QPSK	1@1	LOW	24.50	23.17	23.48	24.21
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	346000 1730.0MHz	349000 1745.0MHz	352000 1760.0MHz
40MHz	DFT_BPSK	1@1	LOW	25.50	24.74	24.81	25.06
	DFT_QPSK	100@0	LOW	24.50	24.06	24.24	24.29
	DFT_QPSK	50@25	LOW	25.50	25.06	25.32	25.34
	DFT_QPSK	1@1	LOW	25.50	24.66	24.77	25.12
	DFT_QPSK	1@104	LOW	25.50	25.11	25.14	24.76
	DFT_QAM16	1@1	LOW	24.50	23.92	24.16	23.97
	DFT_QAM64	1@1	LOW	23.00	22.46	22.33	22.52
	DFT_QAM256	1@1	LOW	21.00	20.35	20.62	20.70
	CP_QPSK	1@1	LOW	24.00	23.36	23.44	23.96

11.1.20 Conducted Power of NR n71

NR n71					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133100	136100	139100
					665.5MHz	680.5MHz	695.5MHz
5MHz	DFT_BPSK	1@1	LOW	25.50	25.31	24.90	25.09
	DFT_QPSK	24@0	LOW	24.50	24.17	24.11	24.23
	DFT_QPSK	12@6	LOW	25.50	25.14	25.11	25.20
	DFT_QPSK	1@1	LOW	25.50	25.22	24.89	25.50
	DFT_QPSK	1@22	LOW	25.50	25.20	24.97	25.44
	DFT_QAM16	1@1	LOW	24.50	24.29	24.06	23.99
	DFT_QAM64	1@1	LOW	23.00	22.69	22.52	22.54
	DFT_QAM256	1@1	LOW	21.50	21.01	20.61	20.76
	CP_QPSK	1@1	LOW	24.00	24.00	23.95	23.97
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133600	136100	138600
					668MHz	680.5MHz	693MHz
10MHz	DFT_BPSK	1@1	LOW	25.50	25.32	25.07	25.37
	DFT_QPSK	50@0	LOW	24.50	24.18	24.16	24.21
	DFT_QPSK	25@12	LOW	25.50	25.17	25.13	25.24
	DFT_QPSK	1@1	LOW	25.50	25.16	25.19	25.07
	DFT_QPSK	1@49	LOW	25.50	25.07	25.21	25.07
	DFT_QAM16	1@1	LOW	25.00	24.26	24.77	24.30
	DFT_QAM64	1@1	LOW	23.00	22.84	22.98	22.78
	DFT_QAM256	1@1	LOW	21.00	20.95	20.96	20.58
	CP_QPSK	1@1	LOW	24.00	24.00	23.81	23.45
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	134600	136100	137600
					673MHz	680.5MHz	688MHz
20MHz	DFT_BPSK	1@1	LOW	25.50	24.97	25.08	24.97
	DFT_QPSK	100@0	LOW	24.50	24.19	24.16	24.17
	DFT_QPSK	50@25	LOW	25.50	25.21	25.20	25.25
	DFT_QPSK	1@1	LOW	25.50	25.15	25.02	25.02
	DFT_QPSK	1@104	LOW	25.50	25.10	25.06	25.04
	DFT_QAM16	1@1	LOW	24.50	24.42	24.15	24.39
	DFT_QAM64	1@1	LOW	23.50	23.01	22.72	22.84
	DFT_QAM256	1@1	LOW	21.00	20.98	20.53	20.67
	CP_QPSK	1@1	LOW	24.00	23.98	23.43	23.80

11.1.21 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	27.50	26.59	27.03	26.81
	DFT_QPSK	24@0	LOW	26.50	25.73	26.16	25.74
	DFT_QPSK	12@6	LOW	27.50	26.72	27.26	26.75
	DFT_QPSK	1@1	LOW	27.50	26.79	27.26	26.80
	DFT_QPSK	1@22	LOW	27.50	27.02	27.41	26.76
	DFT_QAM16	1@1	LOW	26.50	25.56	26.25	26.22
	DFT_QAM64	1@1	LOW	25.00	23.82	24.91	23.97
	DFT_QAM256	1@1	LOW	23.00	22.31	22.80	22.57
	CP_QPSK	1@1	LOW	26.00	24.91	25.56	25.51
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	631668	633334	635000
					3475.0MHz	3500.0MHz	3525.0MHz
	DFT_BPSK	1@1	LOW	27.50	26.53	27.01	27.08
50MHz	DFT_QPSK	128@0	LOW	26.50	26.07	26.17	25.96
	DFT_QPSK	64@32	LOW	27.50	27.15	27.13	26.94
	DFT_QPSK	1@1	LOW	27.50	26.58	27.01	27.05
	DFT_QPSK	1@131	LOW	27.50	27.17	26.70	26.57
	DFT_QAM16	1@1	LOW	26.50	25.74	25.99	26.06
	DFT_QAM64	1@1	LOW	25.00	23.96	24.69	24.68
	DFT_QAM256	1@1	LOW	23.00	21.90	22.78	22.57
		CP_QPSK	1@1	LOW	26.00	24.86	25.82
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334		
					3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	26.50	26.37		
	DFT_QPSK	270@0	LOW	26.00	26.00		
	DFT_QPSK	135@67	LOW	27.50	27.12		
	DFT_QPSK	1@1	LOW	26.50	26.38		
	DFT_QPSK	1@271	LOW	27.00	26.51		
	DFT_QAM16	1@1	LOW	25.50	25.46		
	DFT_QAM64	1@1	LOW	24.00	23.94		
	DFT_QAM256	1@1	LOW	22.50	22.20		
		CP_QPSK	1@1	LOW	25.00	24.88	

11.1.22 Conducted Power of NR n77(3550-3700)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000	641666	646332
					3560.0MHz	3625.0MHz	3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.00	26.69	26.60	26.21
	DFT_QPSK	24@0	LOW	26.00	25.70	25.57	25.19
	DFT_QPSK	12@6	LOW	27.00	26.66	26.62	26.18
	DFT_QPSK	1@1	LOW	27.00	26.69	26.49	26.38
	DFT_QPSK	1@22	LOW	27.00	26.60	26.41	26.33
	DFT_QAM16	1@1	LOW	26.00	25.78	25.54	24.89
	DFT_QAM64	1@1	LOW	24.50	24.27	24.04	23.54
	DFT_QAM256	1@1	LOW	22.50	22.17	22.19	21.37
	CP_QPSK	1@1	LOW	25.50	25.43	25.28	24.61
50MHz	DFT_BPSK	1@1	LOW	27.00	26.59	26.41	26.38
	DFT_QPSK	128@0	LOW	26.00	25.63	25.57	25.29
	DFT_QPSK	64@32	LOW	27.00	26.69	26.55	26.32
	DFT_QPSK	1@1	LOW	26.50	26.50	26.46	26.37
	DFT_QPSK	1@131	LOW	27.00	26.54	26.45	26.15
	DFT_QAM16	1@1	LOW	26.00	25.54	25.41	25.76
	DFT_QAM64	1@1	LOW	24.50	24.06	24.15	23.75
	DFT_QAM256	1@1	LOW	22.50	22.28	22.18	21.99
	CP_QPSK	1@1	LOW	25.00	24.89	24.97	24.85
100MHz	DFT_BPSK	1@1	LOW	27.00	26.58	26.48	26.45
	DFT_QPSK	270@0	LOW	26.00	25.61	25.50	25.42
	DFT_QPSK	135@67	LOW	27.00	26.65	26.61	26.42
	DFT_QPSK	1@1	LOW	27.00	26.55	26.47	26.45
	DFT_QPSK	1@271	LOW	26.50	26.46	26.10	26.05
	DFT_QAM16	1@1	LOW	26.00	25.64	25.51	25.42
	DFT_QAM64	1@1	LOW	24.50	24.02	24.13	24.07
	DFT_QAM256	1@1	LOW	22.50	22.01	22.25	22.00
	CP_QPSK	1@1	LOW	25.50	24.90	25.11	25.20

11.1.23 Conducted Power of NR n77(3700-3980)

NR n77				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000 3705.0MHz	656000 3890.0MHz	665000 3975.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.00	26.68	26.75	26.68
	DFT_QPSK	24@0	LOW	26.00	25.73	25.83	25.72
	DFT_QPSK	12@6	LOW	27.00	26.73	26.93	26.71
	DFT_QPSK	1@1	LOW	27.50	26.66	27.01	26.60
	DFT_QPSK	1@22	LOW	27.00	26.63	26.98	26.59
	DFT_QAM16	1@1	LOW	26.00	25.19	25.73	25.55
	DFT_QAM64	1@1	LOW	25.00	24.28	24.62	24.21
	DFT_QAM256	1@1	LOW	23.00	22.53	22.29	22.20
	CP_QPSK	1@1	LOW	26.00	25.66	25.41	25.47
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	648334 3725.0MHz	656000 3890.0MHz	663666 3955.0MHz
50MHz	DFT_BPSK	1@1	LOW	27.00	26.56	26.68	26.63
	DFT_QPSK	128@0	LOW	26.00	25.80	25.81	25.70
	DFT_QPSK	64@32	LOW	27.00	26.83	26.81	26.65
	DFT_QPSK	1@1	LOW	27.00	26.57	26.62	26.54
	DFT_QPSK	1@131	LOW	27.00	26.78	26.80	26.70
	DFT_QAM16	1@1	LOW	26.00	25.45	25.66	25.47
	DFT_QAM64	1@1	LOW	24.50	23.97	24.37	24.22
	DFT_QAM256	1@1	LOW	22.50	22.05	22.47	22.28
	CP_QPSK	1@1	LOW	25.50	25.13	25.02	25.02
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	650000 3750.0MHz	656000 3890.0MHz	662000 3930.0MHz
100MHz	DFT_BPSK	1@1	LOW	27.00	26.50	26.69	26.77
	DFT_QPSK	270@0	LOW	26.00	25.78	25.82	25.82
	DFT_QPSK	135@67	LOW	27.00	26.84	26.82	26.80
	DFT_QPSK	1@1	LOW	27.00	26.46	26.67	26.77
	DFT_QPSK	1@271	LOW	27.00	26.62	26.78	26.70
	DFT_QAM16	1@1	LOW	26.00	25.65	25.67	25.68
	DFT_QAM64	1@1	LOW	24.50	24.09	24.17	24.46
	DFT_QAM256	1@1	LOW	22.50	22.18	21.98	22.43
	CP_QPSK	1@1	LOW	25.50	24.95	25.07	25.20

11.1.24 Conducted Power of NR n78(3450-3550)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334 3455.0MHz	633334 3500.0MHz	636332 3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.50	26.82	27.30	27.13
	DFT_QPSK	24@0	LOW	26.50	26.09	26.47	26.08
	DFT_QPSK	12@6	LOW	28.00	27.14	27.53	27.04
	DFT_QPSK	1@1	LOW	27.50	27.34	27.35	27.19
	DFT_QPSK	1@22	LOW	28.00	26.98	27.61	27.06
	DFT_QAM16	1@1	LOW	26.50	25.65	26.31	25.98
	DFT_QAM64	1@1	LOW	25.00	24.99	24.92	24.33
	DFT_QAM256	1@1	LOW	23.00	22.41	22.95	22.29
	CP_QPSK	1@1	LOW	27.00	25.38	26.71	25.55
50MHz	DFT_BPSK	1@1	LOW	27.50	26.84	27.13	27.45
	DFT_QPSK	128@0	LOW	26.50	26.27	26.48	26.34
	DFT_QPSK	64@32	LOW	28.00	27.31	27.54	27.34
	DFT_QPSK	1@1	LOW	27.50	26.75	27.33	27.40
	DFT_QPSK	1@131	LOW	27.50	27.32	27.27	26.85
	DFT_QAM16	1@1	LOW	27.00	25.80	26.26	26.55
	DFT_QAM64	1@1	LOW	25.00	24.63	24.91	25.00
	DFT_QAM256	1@1	LOW	23.50	22.71	22.96	23.07
	CP_QPSK	1@1	LOW	26.00	25.12	25.79	25.86
100MHz	DFT_BPSK	1@1	LOW	27.00	633334		
	DFT_QPSK	270@0	LOW	26.50	3500.0MHz		
	DFT_QPSK	135@67	LOW	27.50			
	DFT_QPSK	1@1	LOW	27.00			
	DFT_QPSK	1@271	LOW	27.00			
	DFT_QAM16	1@1	LOW	26.00			
	DFT_QAM64	1@1	LOW	24.50			
	DFT_QAM256	1@1	LOW	22.50			
	CP_QPSK	1@1	LOW	25.50			

11.1.25 Conducted Power of NR n78(3550-3700)

NR n78				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000	641666	646332
					3560.0MHz	3625.0MHz	3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.00	26.66	26.70	26.21
	DFT_QPSK	24@0	LOW	26.00	25.68	25.58	25.31
	DFT_QPSK	12@6	LOW	27.00	26.72	26.56	26.31
	DFT_QPSK	1@1	LOW	27.00	26.84	26.77	26.47
	DFT_QPSK	1@22	LOW	27.00	26.79	26.71	26.43
	DFT_QAM16	1@1	LOW	26.00	25.38	25.51	25.42
	DFT_QAM64	1@1	LOW	24.50	24.00	23.89	24.06
	DFT_QAM256	1@1	LOW	22.50	21.78	22.33	21.91
	CP_QPSK	1@1	LOW	25.50	25.01	25.03	24.80
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	27.00	26.61	26.67	26.48
	DFT_QPSK	128@0	LOW	26.00	25.85	25.63	25.45
	DFT_QPSK	64@32	LOW	27.00	26.87	26.69	26.37
	DFT_QPSK	1@1	LOW	27.00	26.55	26.67	26.48
	DFT_QPSK	1@131	LOW	27.00	26.77	26.65	26.20
	DFT_QAM16	1@1	LOW	26.00	26.00	25.78	25.50
	DFT_QAM64	1@1	LOW	24.50	24.00	24.11	24.18
	DFT_QAM256	1@1	LOW	22.50	22.21	22.02	22.22
	CP_QPSK	1@1	LOW	25.50	25.10	24.98	25.23
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	640000	641666	641332
					3600.0MHz	3625.0MHz	3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	27.00	26.55	26.52	26.56
	DFT_QPSK	128@0	LOW	26.00	25.74	25.65	25.51
	DFT_QPSK	64@32	LOW	27.00	26.80	26.66	26.55
	DFT_QPSK	1@1	LOW	27.00	26.52	26.52	26.54
	DFT_QPSK	1@131	LOW	26.50	26.46	26.12	26.20
	DFT_QAM16	1@1	LOW	26.00	25.48	25.64	25.23
	DFT_QAM64	1@1	LOW	24.50	24.12	24.06	23.91
	DFT_QAM256	1@1	LOW	22.50	22.19	22.27	22.05
	CP_QPSK	1@1	LOW	25.50	25.31	25.09	25.15

11.1.26 Conducted Power of NR n78(3700-3800)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000	650000	653000
					3705.0MHz	3750.0MHz	3795.0MHz
10MHz	DFT_BPSK	1@1	LOW	26.50	25.98	26.37	26.46
	DFT_QPSK	24@0	LOW	25.50	25.18	25.39	25.47
	DFT_QPSK	12@6	LOW	26.50	26.30	26.30	26.41
	DFT_QPSK	1@1	LOW	26.50	26.34	26.39	26.33
	DFT_QPSK	1@22	LOW	26.50	26.31	26.43	26.41
	DFT_QAM16	1@1	LOW	26.00	25.30	25.74	25.43
	DFT_QAM64	1@1	LOW	24.00	23.95	23.47	23.82
	DFT_QAM256	1@1	LOW	22.50	21.74	22.15	21.82
	CP_QPSK	1@1	LOW	25.50	24.61	25.02	25.04
50MHz	DFT_BPSK	1@1	LOW	26.50	26.04	26.31	26.26
	DFT_QPSK	128@0	LOW	25.50	25.39	25.43	25.46
	DFT_QPSK	64@32	LOW	26.50	26.33	26.42	26.37
	DFT_QPSK	1@1	LOW	26.50	26.01	26.27	26.25
	DFT_QPSK	1@131	LOW	26.50	26.32	26.28	26.31
	DFT_QAM16	1@1	LOW	25.50	25.04	25.25	25.41
	DFT_QAM64	1@1	LOW	24.00	23.63	23.87	23.68
	DFT_QAM256	1@1	LOW	22.00	21.69	21.80	21.93
	CP_QPSK	1@1	LOW	25.00	24.73	24.73	24.68
100MHz	DFT_BPSK	1@1	LOW	26.50	650000		
	DFT_QPSK	270@0	LOW	25.50	3750.0MHz		
	DFT_QPSK	135@67	LOW	26.50			
	DFT_QPSK	1@1	LOW	26.50			
	DFT_QPSK	1@271	LOW	26.50			
	DFT_QAM16	1@1	LOW	25.00			
	DFT_QAM64	1@1	LOW	23.50			
	DFT_QAM256	1@1	LOW	21.50			
	CP_QPSK	1@1	LOW	25.00			

11.1.27 Conducted Power of Wi-Fi 2.4G

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	19.39	19.40	19.83
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	21.96	22.20	22.63
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	23.02	23.08	23.51
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2422)	6(2437)	11(2452)
Average Power(dBm)	23.28	22.75	23.05

11.1.28 Conducted Power of Wi-Fi 5G

Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	7.50	7.21	No
		48	5240	8.00	7.87	No
	802.11n-HT20	36	5180	7.50	7.26	No
		48	5240	10.00	9.76	Yes
	802.11n-HT40	38	5190	8.50	8.43	No
		46	5230	9.00	8.88	No
	802.11ac-VHT20	36	5180	8.50	8.05	No
		48	5240	8.50	8.31	No
	802.11ac-VHT40	38	5190	8.00	8.00	No
		46	5230	9.00	8.53	No
	802.11ac-VHT80	42	5210	7.50	7.45	No
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	8.00	7.83	No
		64	5320	8.50	8.43	No
	802.11n-HT20	52	5260	9.50	9.24	No
		64	5320	10.00	9.89	Yes
	802.11n-HT40	54	5270	9.50	9.08	No
		62	5310	10.00	9.74	No
	802.11ac-VHT20	52	5260	8.50	8.27	No
		64	5320	9.50	9.33	No
	802.11ac-VHT40	54	5270	8.50	8.23	No
		62	5310	9.50	9.45	No
	802.11ac-VHT80	58	5290	8.50	8.13	No
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	9.50	9.38	No
		140	5700	11.50	11.31	No
	802.11n-HT20	100	5500	11.00	10.84	No
		140	5700	13.50	13.08	Yes
	802.11n-HT40	102	5510	11.00	10.94	No
		134	5670	13.00	12.76	No
	802.11ac-VHT20	100	5500	10.00	9.75	No
		140	5700	12.50	12.18	No
	802.11ac-VHT40	102	5510	10.50	10.07	No
		134	5670	12.00	11.93	No
	802.11ac-VHT80	106	5530	11.50	11.43	No
		122	5610	12.00	11.61	No
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Powe(dBm)	SAR Test(Yes/No)
U-NII-3 (5725-5825)	802.11a	149	5745	12.50	12.07	No
		165	5825	13.00	12.80	No
	802.11n-HT20	149	5745	14.00	13.96	No
		165	5825	15.00	14.95	Yes
	802.11n-HT40	151	5755	14.00	13.75	No
		159	5795	14.50	14.30	No
	802.11ac-VHT20	149	5745	13.00	12.92	No
		165	5825	14.00	13.60	No
	802.11ac-VHT40	151	5755	13.00	12.98	No
		159	5795	14.00	14.00	No
	802.11ac-VHT80	155	5775	13.00	12.98	No

11.1.29 Conducted Power of BT

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
	GFSK	10.00	9.34	9.60	8.56
	π/4QPSK	10.00	8.30	9.70	8.60
	8DPSK	10.00	8.14	9.54	8.42
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
	1Mbps	7.50	6.89	7.43	6.89
	2Mbps	8.00	7.05	7.51	7.07
Channel	Frequency (GHz)	Max. Tune-up Power (dBm)	Max. Power (dBm)	Exclusion thresholds for 1-g SAR(dBm)	SAR evaluation required
39	2441	10.00	9.70	4.77	Yes
19	2440	7.50	7.51	4.77	Yes

Note-

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

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

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

where

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

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

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

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

11.2 Tune-up power tolerance

Band	Tune-up power tolerance(dBm)	
GSM850	GSM/GPRS (GMSK)	GSM Max output power =33.00 ±1.0dBm
		1TXslots Max output power =33.00 ±1.0dBm
		2TXslots Max output power =32.50 ±1.0dBm
		3TXslots Max output power =30.00 ±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 =32.50 ±1.0dBm
		3TXslots Max output power =32.50 ±1.0dBm
GSM1900	GSM/GPRS (GMSK)	4TXslots Max output power =32.00 ±1.0dBm
		GSM Max output power =29.00 ±1.0dBm
		1TXslots Max output power =29.00 ±1.0dBm
		2TXslots Max output power =28.50 ±1.0dBm
	EGPRS (8-PSK)	3TXslots Max output power =26.50 ±1.0dBm
		4TXslots Max output power =25.50 ±1.0dBm
		1TXslots Max output power =28.50 ±1.0dBm
		2TXslots Max output power =28.50 ±1.0dBm
WCDMA 2		3TXslots Max output power =27.50 ±1.0dBm
WCDMA 4		4TXslots Max output power =27.00 ±1.0dBm
WCDMA 5		Max output power =23.00±1.0dBm
LTE B2		Max output power =22.50±1.0dBm
LTE B4		Max output power =23.00±1.0dBm
LTE B5		Max output power =24.00±1.0dBm
LTE B7		Max output power =24.50±1.0dBm
LTE B12		Max output power =24.00±1.0dBm
LTE B13		Max output power =24.50±1.0dBm
LTE B38		Max output power =24.50±1.0dBm
LTE B41		Max output power =24.50±1.0dBm
LTE B42		Max output power =21.50±1.0dBm
LTE B66		Max output power =24.50±1.0dBm
LTE B71		Max output power =24.00±1.0dBm
NR n5		Max output power =25.50±1.0dBm
NR n7		Max output power =26.00±1.0dBm
NR n12		Max output power =26.00±1.0dBm
NR n38		Max output power =26.00±1.0dBm
NR n41		Max output power =26.50±1.0dBm
NR n66		Max output power =25.50±1.0dBm
NR n71		Max output power =25.50±1.0dBm
NR n77		Max output power =27.50±1.0dBm
NR n77		Max output power =27.00±1.0dBm
NR n77		Max output power =27.50±1.0dBm
NR n78		Max output power =28.00±1.0dBm
NR n78		Max output power =27.00±1.0dBm
NR n78		Max output power =26.50±1.0dBm

Band	Tune-up power tolerance(dBm)		
WIFI	2.4G	802.11b	Max output power =20.00±1.0dBm
		802.11g	Max output power =23.00±1.0dBm
		802.11n (HT20)	Max output power =24.00±1.0dBm
		802.11n (HT40)	Max output power =23.50±1.0dBm
		U-NII-1(5150-5250)	Max output power =10.00±1.0dBm
		U-NII-2a(5250-5350)	Max output power =10.00±1.0dBm
		U-NII-2c(5470-5725)	Max output power =13.50±1.0dBm
BT		U-NII-3(5725-5825)	Max output power =15.00±1.0dBm
		GFSK mode	Max output power =10.00±1.0dBm
		Pi/4DQPSK mode	Max output power =10.00±1.0dBm
		8DPSK mode	Max output power =10.00±1.0dBm
BLE		1Mbps Power	Max output power =7.50±1.0dBm
		2Mbps Power	Max output power =8.00±1.0dBm

11.3 SAR test results

Notes:

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

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

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

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

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

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

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

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

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

(2) QPSK with 100% RB allocation

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

tested.

(3) Higher order modulations

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

(4) Other channel bandwidth

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

11.4 Test Result

11.4.1 Results overview of GSM

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 850 (voice)	Left Cheek	128	824.2	0.03	0.408	100	1.00	32.82	33.00	1.042	0.425
	Left Tilt	128	824.2	-0.05	0.565	100	1.00	32.82	33.00	1.042	0.589
	Right Cheek	128	824.2	-0.02	0.809	100	1.00	32.82	33.00	1.042	0.843
	Right Tilt	128	824.2	-0.04	0.978	100	1.00	32.82	33.00	1.042	1.019
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 850+4slots	Front	128	824.2	-0.04	0.469	100	1.00	32.82	33.00	1.042	0.489
	Back	128	824.2	-0.02	0.642	100	1.00	32.82	33.00	1.042	0.669
	Left	128	824.2	0.05	0.431	100	1.00	32.82	33.00	1.042	0.449
	Right	128	824.2	0.08	0.125	100	1.00	32.82	33.00	1.042	0.130
	Top	128	824.2	-0.03	0.449	100	1.00	32.82	33.00	1.042	0.468
	Bottom	128	824.2	0.15	0.020	100	1.00	32.82	33.00	1.042	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)
GSM 1900 (voice)	Left Cheek	810	1909.8	0.030	0.097	100	1.00	28.96	29.00	1.009	0.098
	Left Tilt	810	1909.8	-0.070	0.195	100	1.00	28.96	29.00	1.009	0.197
	Right Cheek	810	1909.8	0.060	0.181	100	1.00	28.96	29.00	1.009	0.183
	Right Tilt	810	1909.8	-0.010	0.363	100	1.00	28.96	29.00	1.009	0.366
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 1900+4slots	Front	810	1909.8	0.060	0.826	100	1.00	28.96	29.00	1.009	0.834
	Back	810	1909.8	-0.080	1.360	100	1.00	28.96	29.00	1.009	1.373
	Left	810	1909.8	-0.020	0.894	100	1.00	28.96	29.00	1.009	0.902
	Right	810	1909.8	0.040	0.378	100	1.00	28.96	29.00	1.009	0.381
	Top	810	1909.8	0.060	1.210	100	1.00	28.96	29.00	1.009	1.221
	Bottom	810	1909.8	-0.090	0.053	100	1.00	28.96	29.00	1.009	0.053

Mode	Test Position of Limbs With 0mm	Ch.	Freq. (MHz)	Power Drift (db)	10g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Limit (W/kg)
GPRS 1900	Front	810	1909.8	-0.030	1.980	100	1.00	28.96	29.00	1.009	1.998	4.0
	Back	810	1909.8	-0.110	2.160	100	1.00	28.96	29.00	1.009	2.180	4.0

11.4.2 Results overview of WCDMA

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Left Cheek	9538	1907.6	-0.01	0.274	100	1.00	22.79	23.00	1.050	0.288
	Left Tilt	9538	1907.6	-0.03	0.386	100	1.00	22.79	23.00	1.050	0.405
	Right Cheek	9538	1907.6	0.05	0.537	100	1.00	22.79	23.00	1.050	0.564
	Right Tilt	9538	1907.6	-0.01	0.748	100	1.00	22.79	23.00	1.050	0.785
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Front	9538	1907.6	0.03	0.086	100	1.00	22.79	23.00	1.050	0.090
	Back	9538	1907.6	-0.02	0.150	100	1.00	22.79	23.00	1.050	0.157
	Left	9538	1907.6	0.01	0.093	100	1.00	22.79	23.00	1.050	0.098
	Right	9538	1907.6	-0.01	0.032	100	1.00	22.79	23.00	1.050	0.034
	Top	9538	1907.6	-0.03	0.123	100	1.00	22.79	23.00	1.050	0.129
	Bottom	9538	1907.6	0.02	0.003	100	1.00	22.79	23.00	1.050	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)
WCDMA Band 4 (RMC*)	Left Cheek	1513	1752.6	0.03	0.159	100	1.00	22.12	22.50	1.091	0.174
	Left Tilt	1513	1752.6	-0.06	0.306	100	1.00	22.12	22.50	1.091	0.334
	Right Cheek	1513	1752.6	0.05	0.285	100	1.00	22.12	22.50	1.091	0.311
	Right Tilt	1513	1752.6	0.00	0.614	100	1.00	22.12	22.50	1.091	0.670
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	1513	1752.6	0.02	0.067	100	1.00	22.12	22.50	1.091	0.073
	Back	1513	1752.6	0.01	0.119	100	1.00	22.12	22.50	1.091	0.130
	Left	1513	1752.6	-0.03	0.078	100	1.00	22.12	22.50	1.091	0.085
	Right	1513	1752.6	0.02	0.029	100	1.00	22.12	22.50	1.091	0.032
	Top	1513	1752.6	-0.09	0.101	100	1.00	22.12	22.50	1.091	0.110
	Bottom	1513	1752.6	0.01	0.002	100	1.00	22.12	22.50	1.091	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Left Cheek	4233	846.6	-0.03	0.254	100	1.00	22.57	23.00	1.104	0.280
	Left Tilt	4233	846.6	0.02	0.397	100	1.00	22.57	23.00	1.104	0.438
	Right Cheek	4233	846.6	0.06	0.458	100	1.00	22.57	23.00	1.104	0.506
	Right Tilt	4233	846.6	-0.03	0.632	100	1.00	22.57	23.00	1.104	0.698
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	-0.05	0.097	100	1.00	22.57	23.00	1.104	0.107
	Back	4233	846.6	-0.08	0.131	100	1.00	22.57	23.00	1.104	0.145
	Left	4233	846.6	0.13	0.090	100	1.00	22.57	23.00	1.104	0.099
	Right	4233	846.6	0.17	0.025	100	1.00	22.57	23.00	1.104	0.028
	Top	4233	846.6	-0.02	0.087	100	1.00	22.57	23.00	1.104	0.096
	Bottom	4233	846.6	0.06	0.003	100	1.00	22.57	23.00	1.104	0.003

11.4.3 Results overview of LTE

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Left Cheek	19125	1902.5	-0.030	0.197	100	1.00	23.87	24.00	1.030	0.203
		Left Tilt	19125	1902.5	0.020	0.416	100	1.00	23.87	24.00	1.030	0.429
		Right Cheek	19125	1902.5	0.070	0.452	100	1.00	23.87	24.00	1.030	0.466
		Right Tilt	19125	1902.5	0.060	0.723	100	1.00	23.87	24.00	1.030	0.745
	50%RB	Left Cheek	19125	1902.5	0.190	0.178	100	1.00	23.87	24.00	1.030	0.183
		Left Tilt	19125	1902.5	-0.120	0.364	100	1.00	23.87	24.00	1.030	0.375
		Right Cheek	19125	1902.5	-0.060	0.405	100	1.00	23.87	24.00	1.030	0.417
		Right Tilt	19125	1902.5	0.060	0.673	100	1.00	23.87	24.00	1.030	0.693
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Front	19125	1902.5	-0.010	0.084	100	1.00	23.87	24.00	1.030	0.087
		Back	19125	1902.5	-0.090	0.149	100	1.00	23.87	24.00	1.030	0.154
		Left	19125	1902.5	0.060	0.081	100	1.00	23.87	24.00	1.030	0.083
		Right	19125	1902.5	-0.030	0.047	100	1.00	23.87	24.00	1.030	0.048
		Top	19125	1902.5	-0.020	0.125	100	1.00	23.87	24.00	1.030	0.129
		Bottom	19125	1902.5	0.130	0.003	100	1.00	23.87	24.00	1.030	0.003
	50%RB	Front	19125	1902.5	0.030	0.073	100	1.00	23.87	24.00	1.030	0.075
		Back	19125	1902.5	-0.110	0.136	100	1.00	23.87	24.00	1.030	0.140
		Left	19125	1902.5	0.090	0.059	100	1.00	23.87	24.00	1.030	0.061
		Right	19125	1902.5	-0.010	0.030	100	1.00	23.87	24.00	1.030	0.031
		Top	19125	1902.5	-0.030	0.114	100	1.00	23.87	24.00	1.030	0.117
		Bottom	19125	1902.5	-0.160	0.002	100	1.00	23.87	24.00	1.030	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Left Cheek	20350	1750.0	-0.030	0.196	100	1.00	24.16	24.50	1.081	0.212
		Left Tilt	20350	1750.0	-0.060	0.338	100	1.00	24.16	24.50	1.081	0.366
		Right Cheek	20350	1750.0	0.050	0.405	100	1.00	24.16	24.50	1.081	0.438
		Right Tilt	20350	1750.0	0.040	0.562	100	1.00	24.16	24.50	1.081	0.608
	50%RB	Left Cheek	20350	1750.0	0.070	0.168	100	1.00	24.16	24.50	1.081	0.182
		Left Tilt	20350	1750.0	-0.060	0.297	100	1.00	24.16	24.50	1.081	0.321
		Right Cheek	20350	1750.0	-0.030	0.368	100	1.00	24.16	24.50	1.081	0.398
		Right Tilt	20350	1750.0	-0.050	0.513	100	1.00	24.16	24.50	1.081	0.555
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Front	20350	1750.0	-0.040	0.058	100	1.00	24.16	24.50	1.081	0.063
		Back	20350	1750.0	-0.030	0.107	100	1.00	24.16	24.50	1.081	0.116
		Left	20350	1750.0	0.030	0.050	100	1.00	24.16	24.50	1.081	0.054
		Right	20350	1750.0	0.040	0.019	100	1.00	24.16	24.50	1.081	0.021
		Top	20350	1750.0	0.020	0.089	100	1.00	24.16	24.50	1.081	0.096
		Bottom	20350	1750.0	-0.100	0.002	100	1.00	24.16	24.50	1.081	0.002
	50%RB	Front	20350	1750.0	0.080	0.050	100	1.00	24.16	24.50	1.081	0.054
		Back	20350	1750.0	0.050	0.097	100	1.00	24.16	24.50	1.081	0.105
		Left	20350	1750.0	-0.080	0.043	100	1.00	24.16	24.50	1.081	0.047
		Right	20350	1750.0	0.170	0.013	100	1.00	24.16	24.50	1.081	0.014
		Top	20350	1750.0	0.060	0.081	100	1.00	24.16	24.50	1.081	0.088
		Bottom	20350	1750.0	-0.120	0.002	100	1.00	24.16	24.50	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)
Band 5 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	-0.050	0.108	100	1.00	24.69	25.00	1.074	0.116
		Left Tilt	20425	826.5	-0.060	0.178	100	1.00	24.69	25.00	1.074	0.191
		Right Cheek	20425	826.5	0.030	0.267	100	1.00	24.69	25.00	1.074	0.287
		Right Tilt	20425	826.5	-0.080	0.336	100	1.00	24.69	25.00	1.074	0.361
	50%RB	Left Cheek	20425	826.5	0.150	0.093	100	1.00	24.69	25.00	1.074	0.100
		Left Tilt	20425	826.5	-0.090	0.152	100	1.00	24.69	25.00	1.074	0.163
		Right Cheek	20425	826.5	0.120	0.219	100	1.00	24.69	25.00	1.074	0.235
		Right Tilt	20425	826.5	0.160	0.305	100	1.00	24.69	25.00	1.074	0.328
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.070	0.041	100	1.00	24.69	25.00	1.074	0.044
		Back	20425	826.5	-0.030	0.067	100	1.00	24.69	25.00	1.074	0.072
		Left	20425	826.5	0.030	0.048	100	1.00	24.69	25.00	1.074	0.052
		Right	20425	826.5	-0.130	0.011	100	1.00	24.69	25.00	1.074	0.012
		Top	20425	826.5	0.110	0.057	100	1.00	24.69	25.00	1.074	0.061
		Bottom	20425	826.5	-0.180	0.002	100	1.00	24.69	25.00	1.074	0.002
	50%RB	Front	20425	826.5	0.060	0.035	100	1.00	24.69	25.00	1.074	0.038
		Back	20425	826.5	0.080	0.059	100	1.00	24.69	25.00	1.074	0.063
		Left	20425	826.5	-0.120	0.040	100	1.00	24.69	25.00	1.074	0.043
		Right	20425	826.5	-0.080	0.007	100	1.00	24.69	25.00	1.074	0.008
		Top	20425	826.5	0.030	0.048	100	1.00	24.69	25.00	1.074	0.052
		Bottom	20425	826.5	0.013	0.002	100	1.00	24.69	25.00	1.074	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 7 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	-0.040	0.128	100	1.00	24.05	24.50	1.109	0.142
		Left Tilt	21100	2535.0	0.030	0.207	100	1.00	24.05	24.50	1.109	0.230
		Right Cheek	21100	2535.0	-0.060	0.308	100	1.00	24.05	24.50	1.109	0.342
		Right Tilt	21100	2535.0	0.020	0.453	100	1.00	24.05	24.50	1.109	0.502
	50%RB	Left Cheek	21100	2535.0	0.080	0.097	100	1.00	24.05	24.50	1.109	0.108
		Left Tilt	21100	2535.0	0.050	0.176	100	1.00	24.05	24.50	1.109	0.195
		Right Cheek	21100	2535.0	-0.180	0.278	100	1.00	24.05	24.50	1.109	0.308
		Right Tilt	21100	2535.0	0.000	0.436	100	1.00	24.05	24.50	1.109	0.484
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	21100	2535.0	0.050	0.062	100	1.00	24.05	24.50	1.109	0.069
		Back	21100	2535.0	-0.050	0.100	100	1.00	24.05	24.50	1.109	0.111
		Left	21100	2535.0	-0.070	0.057	100	1.00	24.05	24.50	1.109	0.063
		Right	21100	2535.0	0.110	0.013	100	1.00	24.05	24.50	1.109	0.014
		Top	21100	2535.0	0.020	0.081	100	1.00	24.05	24.50	1.109	0.090
		Bottom	21100	2535.0	-0.150	0.003	100	1.00	24.05	24.50	1.109	0.003
	50%RB	Front	21100	2535.0	0.190	0.049	100	1.00	24.05	24.50	1.109	0.054
		Back	21100	2535.0	-0.050	0.086	100	1.00	24.05	24.50	1.109	0.095
		Left	21100	2535.0	-0.080	0.047	100	1.00	24.05	24.50	1.109	0.052
		Right	21100	2535.0	0.070	0.008	100	1.00	24.05	24.50	1.109	0.009
		Top	21100	2535.0	0.100	0.070	100	1.00	24.05	24.50	1.109	0.078
		Bottom	21100	2535.0	0.120	0.003	100	1.00	24.05	24.50	1.109	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 12 (BW: 10MHz)	1RB	Left Cheek	23035	701.5	-0.020	0.325	100	1.00	23.90	24.00	1.023	0.333
		Left Tilt	23035	701.5	-0.040	0.558	100	1.00	23.90	24.00	1.023	0.571
		Right Cheek	23035	701.5	-0.050	0.459	100	1.00	23.90	24.00	1.023	0.470
		Right Tilt	23035	701.5	-0.070	0.786	100	1.00	23.90	24.00	1.023	0.804
	50%RB	Left Cheek	23035	701.5	0.010	0.310	100	1.00	23.90	24.00	1.023	0.317
		Left Tilt	23035	701.5	0.040	0.498	100	1.00	23.90	24.00	1.023	0.510
		Right Cheek	23035	701.5	-0.060	0.408	100	1.00	23.90	24.00	1.023	0.418
		Right Tilt	23035	701.5	0.030	0.717	100	1.00	23.90	24.00	1.023	0.734
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.010	0.094	100	1.00	23.90	24.00	1.023	0.096
		Back	23035	701.5	-0.040	0.117	100	1.00	23.90	24.00	1.023	0.120
		Left	23035	701.5	0.030	0.078	100	1.00	23.90	24.00	1.023	0.080
		Right	23035	701.5	0.020	0.055	100	1.00	23.90	24.00	1.023	0.056
		Top	23035	701.5	-0.010	0.080	100	1.00	23.90	24.00	1.023	0.082
		Bottom	23035	701.5	-0.050	0.008	100	1.00	23.90	24.00	1.023	0.008
	50%RB	Front	23035	701.5	0.020	0.075	100	1.00	23.90	24.00	1.023	0.077
		Back	23035	701.5	0.010	0.108	100	1.00	23.90	24.00	1.023	0.111
		Left	23035	701.5	0.050	0.064	100	1.00	23.90	24.00	1.023	0.065
		Right	23035	701.5	-0.040	0.048	100	1.00	23.90	24.00	1.023	0.049
		Top	23035	701.5	0.030	0.074	100	1.00	23.90	24.00	1.023	0.076
		Bottom	23035	701.5	-0.010	0.003	100	1.00	23.90	24.00	1.023	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 17 (BW: 10MHz)	1RB	Left Cheek	23825	713.5	0.050	0.091	100	1.00	23.83	24.00	1.040	0.095
		Left Tilt	23825	713.5	0.070	0.163	100	1.00	23.83	24.00	1.040	0.170
		Right Cheek	23825	713.5	-0.040	0.289	100	1.00	23.83	24.00	1.040	0.301
		Right Tilt	23825	713.5	-0.030	0.442	100	1.00	23.83	24.00	1.040	0.460
	50%RB	Left Cheek	23825	713.5	-0.010	0.083	100	1.00	23.83	24.00	1.040	0.086
		Left Tilt	23825	713.5	0.050	0.156	100	1.00	23.83	24.00	1.040	0.162
		Right Cheek	23825	713.5	0.060	0.277	100	1.00	23.83	24.00	1.040	0.288
		Right Tilt	23825	713.5	-0.040	0.427	100	1.00	23.83	24.00	1.040	0.444
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.040	0.035	100	1.00	23.83	24.00	1.040	0.036
		Back	23825	713.5	-0.070	0.063	100	1.00	23.83	24.00	1.040	0.066
		Left	23825	713.5	0.060	0.038	100	1.00	23.83	24.00	1.040	0.040
		Right	23825	713.5	0.030	0.010	100	1.00	23.83	24.00	1.040	0.010
		Top	23825	713.5	-0.090	0.050	100	1.00	23.83	24.00	1.040	0.052
		Bottom	23825	713.5	0.140	0.002	100	1.00	23.83	24.00	1.040	0.002
	50%RB	Front	23825	713.5	-0.010	0.031	100	1.00	23.83	24.00	1.040	0.032
		Back	23825	713.5	0.050	0.052	100	1.00	23.83	24.00	1.040	0.054
		Left	23825	713.5	0.060	0.033	100	1.00	23.83	24.00	1.040	0.034
		Right	23825	713.5	-0.040	0.006	100	1.00	23.83	24.00	1.040	0.006
		Top	23825	713.5	-0.080	0.037	100	1.00	23.83	24.00	1.040	0.038
		Bottom	23825	713.5	-0.170	0.002	100	1.00	23.83	24.00	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 38 (BW: 20MHz)	1RB	Left Cheek	38225	2617.5	-0.010	0.126	100	1.00	24.13	24.50	1.089	0.137
		Left Tilt	38225	2617.5	0.020	0.173	100	1.00	24.13	24.50	1.089	0.188
		Right Cheek	38225	2617.5	0.010	0.282	100	1.00	24.13	24.50	1.089	0.307
		Right Tilt	38225	2617.5	0.050	0.427	100	1.00	24.13	24.50	1.089	0.465
	50%RB	Left Cheek	38225	2617.5	-0.030	0.109	100	1.00	24.13	24.50	1.089	0.119
		Left Tilt	38225	2617.5	0.070	0.161	100	1.00	24.13	24.50	1.089	0.175
		Right Cheek	38225	2617.5	0.010	0.257	100	1.00	24.13	24.50	1.089	0.280
		Right Tilt	38225	2617.5	-0.020	0.368	100	1.00	24.13	24.50	1.089	0.401
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	38225	2617.5	0.010	0.079	100	1.00	24.13	24.50	1.089	0.086
		Back	38225	2617.5	-0.130	0.095	100	1.00	24.13	24.50	1.089	0.103
		Left	38225	2617.5	0.070	0.056	100	1.00	24.13	24.50	1.089	0.061
		Right	38225	2617.5	-0.110	0.016	100	1.00	24.13	24.50	1.089	0.017
		Top	38225	2617.5	-0.020	0.084	100	1.00	24.13	24.50	1.089	0.091
		Bottom	38225	2617.5	-0.140	0.003	100	1.00	24.13	24.50	1.089	0.003
	50%RB	Front	38225	2617.5	0.060	0.051	100	1.00	24.13	24.50	1.089	0.056
		Back	38225	2617.5	-0.040	0.087	100	1.00	24.13	24.50	1.089	0.095
		Left	38225	2617.5	0.020	0.048	100	1.00	24.13	24.50	1.089	0.052
		Right	38225	2617.5	0.150	0.013	100	1.00	24.13	24.50	1.089	0.014
		Top	38225	2617.5	-0.030	0.071	100	1.00	24.13	24.50	1.089	0.077
		Bottom	38225	2617.5	0.100	0.003	100	1.00	24.13	24.50	1.089	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 41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-0.020	0.068	100	1.00	24.03	24.50	1.114	0.076
		Left Tilt	40620	2593.0	-0.050	0.128	100	1.00	24.03	24.50	1.114	0.143
		Right Cheek	40620	2593.0	0.060	0.157	100	1.00	24.03	24.50	1.114	0.175
		Right Tilt	40620	2593.0	0.050	0.279	100	1.00	24.03	24.50	1.114	0.311
		Left Cheek	39750	2506.0	0.010	0.193	100	1.00	24.03	24.50	1.114	0.215
		Left Cheek	40185	2549.5	0.070	0.223	100	1.00	24.03	24.50	1.114	0.248
		Left Cheek	41055	2636.5	0.020	0.364	100	1.00	24.03	24.50	1.114	0.406
		Left Cheek	41490	2680.0	-0.040	0.454	100	1.00	24.03	24.50	1.114	0.506
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	0.090	0.027	100	1.00	24.03	24.50	1.114	0.030
		Back	40620	2593.0	-0.070	0.052	100	1.00	24.03	24.50	1.114	0.058
		Left	40620	2593.0	0.030	0.033	100	1.00	24.03	24.50	1.114	0.037
		Right	40620	2593.0	-0.020	0.007	100	1.00	24.03	24.50	1.114	0.008
		Top	40620	2593.0	-0.010	0.042	100	1.00	24.03	24.50	1.114	0.047
		Bottom	40620	2593.0	0.160	0.002	100	1.00	24.03	24.50	1.114	0.002
		Back	39750	2506.0	0.080	0.044	100	1.00	24.03	24.50	1.114	0.049
		Back	40185	2549.5	-0.080	0.047	100	1.00	24.03	24.50	1.114	0.052
		Back	41055	2636.5	0.010	0.072	100	1.00	24.03	24.50	1.114	0.080
		Back	41490	2680.0	0.030	0.089	100	1.00	24.03	24.50	1.114	0.099

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	50%RB	Left Cheek	40620	2593.0	-0.010	0.057	100	1.00	24.03	24.50	1.114	0.064
		Left Tilt	40620	2593.0	0.030	0.116	100	1.00	24.03	24.50	1.114	0.129
		Right Cheek	40620	2593.0	0.011	0.142	100	1.00	24.03	24.50	1.114	0.158
		Right Tilt	40620	2593.0	0.020	0.249	100	1.00	24.03	24.50	1.114	0.277
		Left Cheek	39750	2506.0	-0.040	0.175	100	1.00	24.03	24.50	1.114	0.195
		Left Cheek	40185	2549.5	-0.020	0.206	100	1.00	24.03	24.50	1.114	0.230
		Left Cheek	41055	2636.5	0.010	0.349	100	1.00	24.03	24.50	1.114	0.389
		Left Cheek	41490	2680.0	0.090	0.418	100	1.00	24.03	24.50	1.114	0.466
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	0.020	0.023	100	1.00	24.03	24.50	1.114	0.026
		Back	40620	2593.0	0.010	0.044	100	1.00	24.03	24.50	1.114	0.049
		Left	40620	2593.0	-0.090	0.029	100	1.00	24.03	24.50	1.114	0.032
		Right	40620	2593.0	0.050	0.005	100	1.00	24.03	24.50	1.114	0.006
		Top	40620	2593.0	0.020	0.036	100	1.00	24.03	24.50	1.114	0.040
		Bottom	40620	2593.0	0.090	0.002	100	1.00	24.03	24.50	1.114	0.002
		Back	39750	2506.0	-0.120	0.043	100	1.00	24.03	24.50	1.114	0.048
		Back	40185	2549.5	0.080	0.044	100	1.00	24.03	24.50	1.114	0.049
		Back	41055	2636.5	0.070	0.068	100	1.00	24.03	24.50	1.114	0.076
		Back	41490	2680.0	0.030	0.085	100	1.00	24.03	24.50	1.114	0.095

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 42 (BW: 20MHz)	1RB	Left Cheek	42590	3500.0	0.030	0.337	100	1.00	21.24	21.50	1.062	0.358
		Left Tilt	42590	3500.0	-0.190	0.391	100	1.00	21.24	21.50	1.062	0.415
		Right Cheek	42590	3500.0	-0.020	0.126	100	1.00	21.24	21.50	1.062	0.134
		Right Tilt	42590	3500.0	-0.060	0.137	100	1.00	21.24	21.50	1.062	0.145
	50%RB	Left Cheek	42590	3500.0	0.010	0.296	100	1.00	21.24	21.50	1.062	0.314
		Left Tilt	42590	3500.0	0.030	0.357	100	1.00	21.24	21.50	1.062	0.379
		Right Cheek	42590	3500.0	-0.010	0.107	100	1.00	21.24	21.50	1.062	0.114
		Right Tilt	42590	3500.0	0.040	0.118	100	1.00	21.24	21.50	1.062	0.125
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 42 (BW: 20MHz)	1RB	Front	42590	3500.0	0.010	0.081	100	1.00	21.24	21.50	1.062	0.086
		Back	42590	3500.0	-0.070	0.145	100	1.00	21.24	21.50	1.062	0.154
		Left	42590	3500.0	-0.020	0.020	100	1.00	21.24	21.50	1.062	0.021
		Right	42590	3500.0	0.010	0.089	100	1.00	21.24	21.50	1.062	0.094
		Top	42590	3500.0	-0.010	0.096	100	1.00	21.24	21.50	1.062	0.102
		Bottom	42590	3500.0	0.160	0.005	100	1.00	21.24	21.50	1.062	0.005
	50%RB	Front	42590	3500.0	-0.030	0.071	100	1.00	21.24	21.50	1.062	0.075
		Back	42590	3500.0	-0.020	0.132	100	1.00	21.24	21.50	1.062	0.140
		Left	42590	3500.0	0.040	0.014	100	1.00	21.24	21.50	1.062	0.015
		Right	42590	3500.0	0.060	0.079	100	1.00	21.24	21.50	1.062	0.084
		Top	42590	3500.0	0.030	0.088	100	1.00	21.24	21.50	1.062	0.093
		Bottom	42590	3500.0	-0.130	0.002	100	1.00	21.24	21.50	1.062	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	132572	1770.0	0.050	0.179	100	1.00	24.35	24.50	1.035	0.185
		Left Tilt	132572	1770.0	0.020	0.308	100	1.00	24.35	24.50	1.035	0.319
		Right Cheek	132572	1770.0	-0.040	0.307	100	1.00	24.35	24.50	1.035	0.318
		Right Tilt	132572	1770.0	-0.020	0.608	100	1.00	24.35	24.50	1.035	0.629
	50%RB	Left Cheek	132572	1770.0	0.110	0.085	100	1.00	24.35	24.50	1.035	0.088
		Left Tilt	132572	1770.0	0.050	0.283	100	1.00	24.35	24.50	1.035	0.293
		Right Cheek	132572	1770.0	-0.120	0.306	100	1.00	24.35	24.50	1.035	0.317
		Right Tilt	132572	1770.0	0.010	0.528	100	1.00	24.35	24.50	1.035	0.547
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132572	1770.0	0.010	0.069	100	1.00	24.35	24.50	1.035	0.071
		Back	132572	1770.0	-0.070	0.107	100	1.00	24.35	24.50	1.035	0.111
		Left	132572	1770.0	-0.030	0.072	100	1.00	24.35	24.50	1.035	0.075
		Right	132572	1770.0	0.020	0.018	100	1.00	24.35	24.50	1.035	0.019
		Top	132572	1770.0	0.010	0.094	100	1.00	24.35	24.50	1.035	0.097
		Bottom	132572	1770.0	-0.120	0.002	100	1.00	24.35	24.50	1.035	0.002
	50%RB	Front	132572	1770.0	0.100	0.060	100	1.00	24.35	24.50	1.035	0.062
		Back	132572	1770.0	-0.060	0.097	100	1.00	24.35	24.50	1.035	0.100
		Left	132572	1770.0	-0.010	0.063	100	1.00	24.35	24.50	1.035	0.065
		Right	132572	1770.0	0.190	0.014	100	1.00	24.35	24.50	1.035	0.014
		Top	132572	1770.0	0.110	0.089	100	1.00	24.35	24.50	1.035	0.092
		Bottom	132572	1770.0	-0.160	0.002	100	1.00	24.35	24.50	1.035	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 71 (BW: 20MHz)	1RB	Left Cheek	133422	690.5	-0.030	0.146	100	1.00	23.76	24.00	1.057	0.154
		Left Tilt	133422	690.5	0.120	0.273	100	1.00	23.76	24.00	1.057	0.289
		Right Cheek	133422	690.5	0.020	0.191	100	1.00	23.76	24.00	1.057	0.202
		Right Tilt	133422	690.5	-0.020	0.509	100	1.00	23.76	24.00	1.057	0.538
	50%RB	Left Cheek	133422	690.5	-0.010	0.120	100	1.00	23.76	24.00	1.057	0.127
		Left Tilt	133422	690.5	0.090	0.225	100	1.00	23.76	24.00	1.057	0.238
		Right Cheek	133422	690.5	-0.110	0.159	100	1.00	23.76	24.00	1.057	0.168
		Right Tilt	133422	690.5	0.180	0.401	100	1.00	23.76	24.00	1.057	0.424
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 71 (BW: 20MHz)	1RB	Front	133422	690.5	-0.100	0.175	100	1.00	23.76	24.00	1.057	0.185
		Back	133422	690.5	-0.130	0.242	100	1.00	23.76	24.00	1.057	0.256
		Left	133422	690.5	-0.030	0.103	100	1.00	23.76	24.00	1.057	0.109
		Right	133422	690.5	-0.040	0.166	100	1.00	23.76	24.00	1.057	0.175
		Top	133422	690.5	0.070	0.150	100	1.00	23.76	24.00	1.057	0.159
		Bottom	133422	690.5	0.080	0.007	100	1.00	23.76	24.00	1.057	0.007
	50%RB	Front	133422	690.5	-0.170	0.138	100	1.00	23.76	24.00	1.057	0.146
		Back	133422	690.5	-0.190	0.189	100	1.00	23.76	24.00	1.057	0.200
		Left	133422	690.5	0.180	0.085	100	1.00	23.76	24.00	1.057	0.090
		Right	133422	690.5	-0.110	0.142	100	1.00	23.76	24.00	1.057	0.150
		Top	133422	690.5	0.100	0.126	100	1.00	23.76	24.00	1.057	0.133
		Bottom	133422	690.5	0.160	0.006	100	1.00	23.76	24.00	1.057	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n5 (BW: 20MHz)	1RB	Left Cheek	167300	836.5	0.050	0.217	100	1.00	25.47	25.50	1.007	0.219
		Left Tilt	167300	836.5	-0.030	0.353	100	1.00	25.47	25.50	1.007	0.355
		Right Cheek	167300	836.5	-0.010	0.338	100	1.00	25.47	25.50	1.007	0.340
		Right Tilt	167300	836.5	-0.010	0.497	100	1.00	25.47	25.50	1.007	0.500
	50%RB	Left Cheek	167300	836.5	0.070	0.195	100	1.00	25.47	25.50	1.007	0.196
		Left Tilt	167300	836.5	-0.090	0.302	100	1.00	25.47	25.50	1.007	0.304
		Right Cheek	167300	836.5	0.050	0.293	100	1.00	25.47	25.50	1.007	0.295
		Right Tilt	167300	836.5	0.120	0.448	100	1.00	25.47	25.50	1.007	0.451
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	167300	836.5	-0.190	0.056	100	1.00	25.47	25.50	1.007	0.056
		Back	167300	836.5	-0.050	0.074	100	1.00	25.47	25.50	1.007	0.075
		Left	167300	836.5	0.030	0.050	100	1.00	25.47	25.50	1.007	0.050
		Right	167300	836.5	0.130	0.009	100	1.00	25.47	25.50	1.007	0.009
		Top	167300	836.5	-0.050	0.043	100	1.00	25.47	25.50	1.007	0.043
		Bottom	167300	836.5	0.170	0.002	100	1.00	25.47	25.50	1.007	0.002
	50%RB	Front	167300	836.5	0.010	0.051	100	1.00	25.47	25.50	1.007	0.051
		Back	167300	836.5	-0.010	0.067	100	1.00	25.47	25.50	1.007	0.067
		Left	167300	836.5	0.120	0.040	100	1.00	25.47	25.50	1.007	0.040
		167300	167300	836.5	-0.080	0.006	100	1.00	25.47	25.50	1.007	0.006
		167300	167300	836.5	-0.140	0.039	100	1.00	25.47	25.50	1.007	0.039
		167300	167300	836.5	0.110	0.002	100	1.00	25.47	25.50	1.007	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n7 (BW: 20MHz)	1RB	Left Cheek	513000	2565.0	-0.030	0.137	100	1.00	25.62	26.00	1.091	0.150
		Left Tilt	513000	2565.0	0.010	0.198	100	1.00	25.62	26.00	1.091	0.216
		Right Cheek	513000	2565.0	-0.060	0.346	100	1.00	25.62	26.00	1.091	0.378
		Right Tilt	513000	2565.0	0.010	0.493	100	1.00	25.62	26.00	1.091	0.538
	50%RB	Left Cheek	513000	2565.0	-0.030	0.120	100	1.00	25.62	26.00	1.091	0.131
		Left Tilt	513000	2565.0	-0.050	0.181	100	1.00	25.62	26.00	1.091	0.198
		Right Cheek	513000	2565.0	0.040	0.305	100	1.00	25.62	26.00	1.091	0.333
		Right Tilt	513000	2565.0	0.060	0.452	100	1.00	25.62	26.00	1.091	0.493
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	513000	2565.0	0.010	0.083	100	1.00	25.62	26.00	1.091	0.091
		Back	513000	2565.0	-0.050	0.126	100	1.00	25.62	26.00	1.091	0.138
		Left	513000	2565.0	0.100	0.096	100	1.00	25.62	26.00	1.091	0.105
		Right	513000	2565.0	-0.150	0.025	100	1.00	25.62	26.00	1.091	0.027
		Top	513000	2565.0	-0.030	0.113	100	1.00	25.62	26.00	1.091	0.123
		Bottom	513000	2565.0	0.120	0.003	100	1.00	25.62	26.00	1.091	0.003
	50%RB	Front	513000	2565.0	-0.050	0.076	100	1.00	25.62	26.00	1.091	0.083
		Back	513000	2565.0	0.030	0.111	100	1.00	25.62	26.00	1.091	0.121
		Left	513000	2565.0	0.070	0.091	100	1.00	25.62	26.00	1.091	0.099
		Right	513000	2565.0	-0.130	0.017	100	1.00	25.62	26.00	1.091	0.019
		Top	513000	2565.0	0.090	0.098	100	1.00	25.62	26.00	1.091	0.107
		Bottom	513000	2565.0	0.160	0.003	100	1.00	25.62	26.00	1.091	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n12 (BW: 15MHz)	1RB	Left Cheek	141500	707.5	0.120	0.012	100	1.00	25.55	26.00	1.109	0.013
		Left Tilt	141500	707.5	0.030	0.062	100	1.00	25.55	26.00	1.109	0.069
		Right Cheek	141500	707.5	-0.160	0.023	100	1.00	25.55	26.00	1.109	0.026
		Right Tilt	141500	707.5	0.130	0.113	100	1.00	25.55	26.00	1.109	0.125
	50%RB	Left Cheek	141500	707.5	0.110	0.010	100	1.00	25.55	26.00	1.109	0.011
		Left Tilt	141500	707.5	-0.190	0.054	100	1.00	25.55	26.00	1.109	0.060
		Right Cheek	141500	707.5	0.130	0.020	100	1.00	25.55	26.00	1.109	0.022
		Right Tilt	141500	707.5	0.130	0.098	100	1.00	25.55	26.00	1.109	0.109
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n12 (BW: 15MHz)	1RB	Front	141500	707.5	-0.160	0.012	100	1.00	25.55	26.00	1.109	0.013
		Back	141500	707.5	-0.120	0.018	100	1.00	25.55	26.00	1.109	0.020
		Left	141500	707.5	0.190	0.011	100	1.00	25.55	26.00	1.109	0.012
		Right	141500	707.5	0.150	0.009	100	1.00	25.55	26.00	1.109	0.010
		Top	141500	707.5	0.010	0.015	100	1.00	25.55	26.00	1.109	0.017
		Bottom	141500	707.5	0.140	0.002	100	1.00	25.55	26.00	1.109	0.002
	50%RB	Front	141500	707.5	0.090	0.010	100	1.00	25.55	26.00	1.109	0.011
		Back	141500	707.5	-0.030	0.016	100	1.00	25.55	26.00	1.109	0.018
		Left	141500	707.5	0.060	0.010	100	1.00	25.55	26.00	1.109	0.011
		Right	141500	707.5	0.180	0.008	100	1.00	25.55	26.00	1.109	0.009
		Top	141500	707.5	-0.170	0.013	100	1.00	25.55	26.00	1.109	0.014
		Bottom	141500	707.5	0.140	0.002	100	1.00	25.55	26.00	1.109	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Left Cheek	515000	2575.0	0.020	0.147	100	1.00	25.70	26.00	1.072	0.158
		Left Tilt	515000	2575.0	0.090	0.309	100	1.00	25.70	26.00	1.072	0.331
		Right Cheek	515000	2575.0	0.030	0.362	100	1.00	25.70	26.00	1.072	0.388
		Right Tilt	515000	2575.0	-0.010	0.762	100	1.00	25.70	26.00	1.072	0.816
	50%RB	Left Cheek	515000	2575.0	0.140	0.132	100	1.00	25.70	26.00	1.072	0.141
		Left Tilt	515000	2575.0	-0.030	0.278	100	1.00	25.70	26.00	1.072	0.298
		Right Cheek	515000	2575.0	0.140	0.326	100	1.00	25.70	26.00	1.072	0.349
		Right Tilt	515000	2575.0	0.060	0.686	100	1.00	25.70	26.00	1.072	0.735
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Front	515000	2575.0	0.040	0.103	100	1.00	25.70	26.00	1.072	0.110
		Back	515000	2575.0	-0.020	0.174	100	1.00	25.70	26.00	1.072	0.186
		Left	515000	2575.0	0.050	0.117	100	1.00	25.70	26.00	1.072	0.125
		Right	515000	2575.0	-0.060	0.059	100	1.00	25.70	26.00	1.072	0.063
		Top	515000	2575.0	0.020	0.122	100	1.00	25.70	26.00	1.072	0.131
		Bottom	515000	2575.0	-0.010	0.007	100	1.00	25.70	26.00	1.072	0.008
	50%RB	Front	515000	2575.0	0.050	0.093	100	1.00	25.70	26.00	1.072	0.100
		Back	515000	2575.0	-0.110	0.157	100	1.00	25.70	26.00	1.072	0.168
		Left	515000	2575.0	0.070	0.105	100	1.00	25.70	26.00	1.072	0.113
		Right	515000	2575.0	0.180	0.053	100	1.00	25.70	26.00	1.072	0.057
		Top	515000	2575.0	-0.120	0.110	100	1.00	25.70	26.00	1.072	0.118
		Bottom	515000	2575.0	0.110	0.006	100	1.00	25.70	26.00	1.072	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:100MHz)	1RB	Left Cheek	501204	2506.0	-0.040	0.096	100	1.00	26.45	26.50	1.012	0.097
		Left Tilt	501204	2506.0	0.050	0.237	100	1.00	26.45	26.50	1.012	0.240
		Right Cheek	501204	2506.0	0.030	0.300	100	1.00	26.45	26.50	1.012	0.303
		Right Tilt	501204	2506.0	-0.010	0.738	100	1.00	26.45	26.50	1.012	0.747
	50%RB	Left Cheek	501204	2506.0	0.020	0.086	100	1.00	26.45	26.50	1.012	0.087
		Left Tilt	501204	2506.0	-0.150	0.213	100	1.00	26.45	26.50	1.012	0.215
		Right Cheek	501204	2506.0	0.140	0.270	100	1.00	26.45	26.50	1.012	0.273
		Right Tilt	501204	2506.0	0.150	0.664	100	1.00	26.45	26.50	1.012	0.672
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.050	0.246	100	1.00	26.45	26.50	1.012	0.249
		Back	501204	2506.0	-0.040	0.367	100	1.00	26.45	26.50	1.012	0.371
		Left	501204	2506.0	0.030	0.250	100	1.00	26.45	26.50	1.012	0.253
		Right	501204	2506.0	0.120	0.077	100	1.00	26.45	26.50	1.012	0.078
		Top	501204	2506.0	-0.110	0.257	100	1.00	26.45	26.50	1.012	0.260
		Bottom	501204	2506.0	0.010	0.009	100	1.00	26.45	26.50	1.012	0.009
	50%RB	Front	501204	2506.0	0.130	0.221	100	1.00	26.45	26.50	1.012	0.224
		Back	501204	2506.0	0.150	0.330	100	1.00	26.45	26.50	1.012	0.334
		Left	501204	2506.0	-0.050	0.225	100	1.00	26.45	26.50	1.012	0.228
		Right	501204	2506.0	0.000	0.069	100	1.00	26.45	26.50	1.012	0.070
		Top	501204	2506.0	0.130	0.231	100	1.00	26.45	26.50	1.012	0.234
		Bottom	501204	2506.0	-0.110	0.008	100	1.00	26.45	26.50	1.012	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 n66 (BW:40MHz)	1RB	Left Cheek	349000	1745.0	0.040	0.259	100	1.00	25.50	26.00	1.122	0.291
		Left Tilt	349000	1745.0	-0.050	0.433	100	1.00	25.50	26.00	1.122	0.486
		Right Cheek	349000	1745.0	-0.020	0.295	100	1.00	25.50	26.00	1.122	0.331
		Right Tilt	349000	1745.0	-0.020	0.777	100	1.00	25.50	26.00	1.122	0.872
	50%RB	Left Cheek	349000	1745.0	0.030	0.227	100	1.00	25.50	26.00	1.122	0.255
		Left Tilt	349000	1745.0	0.070	0.368	100	1.00	25.50	26.00	1.122	0.413
		Right Cheek	349000	1745.0	0.020	0.446	100	1.00	25.50	26.00	1.122	0.500
		Right Tilt	349000	1745.0	-0.040	0.695	100	1.00	25.50	26.00	1.122	0.780
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n66 (BW:40MHz)	1RB	Front	349000	1745.0	0.030	0.090	100	1.00	25.50	26.00	1.122	0.101
		Back	349000	1745.0	-0.040	0.138	100	1.00	25.50	26.00	1.122	0.155
		Left	349000	1745.0	0.120	0.095	100	1.00	25.50	26.00	1.122	0.107
		Right	349000	1745.0	-0.030	0.023	100	1.00	25.50	26.00	1.122	0.026
		Top	349000	1745.0	0.050	0.119	100	1.00	25.50	26.00	1.122	0.134
		Bottom	349000	1745.0	0.170	0.003	100	1.00	25.50	26.00	1.122	0.003
	50%RB	Front	349000	1745.0	0.040	0.077	100	1.00	25.50	26.00	1.122	0.086
		Back	349000	1745.0	-0.060	0.128	100	1.00	25.50	26.00	1.122	0.144
		Left	349000	1745.0	-0.080	0.083	100	1.00	25.50	26.00	1.122	0.093
		Right	349000	1745.0	-0.140	0.017	100	1.00	25.50	26.00	1.122	0.019
		Top	349000	1745.0	0.100	0.115	100	1.00	25.50	26.00	1.122	0.129
		Bottom	349000	1745.0	-0.180	0.002	100	1.00	25.50	26.00	1.122	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:50MHz)	1RB	Left Cheek	139100	695.5	0.070	0.011	100	1.00	25.50	26.00	1.122	0.012
		Left Tilt	139100	695.5	-0.010	0.041	100	1.00	25.50	26.00	1.122	0.046
		Right Cheek	139100	695.5	-0.010	0.019	100	1.00	25.50	26.00	1.122	0.021
		Right Tilt	139100	695.5	0.090	0.064	100	1.00	25.50	26.00	1.122	0.072
	50%RB	Left Cheek	139100	695.5	0.060	0.010	100	1.00	25.50	26.00	1.122	0.011
		Left Tilt	139100	695.5	-0.010	0.037	100	1.00	25.50	26.00	1.122	0.042
		Right Cheek	139100	695.5	-0.010	0.017	100	1.00	25.50	26.00	1.122	0.019
		Right Tilt	139100	695.5	0.080	0.058	100	1.00	25.50	26.00	1.122	0.065
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n71 (BW:50MHz)	1RB	Front	139100	695.5	0.180	0.004	100	1.00	25.50	26.00	1.122	0.004
		Back	139100	695.5	0.010	0.005	100	1.00	25.50	26.00	1.122	0.006
		Left	139100	695.5	-0.020	0.003	100	1.00	25.50	26.00	1.122	0.003
		Right	139100	695.5	0.060	0.002	100	1.00	25.50	26.00	1.122	0.002
		Top	139100	695.5	-0.050	0.005	100	1.00	25.50	26.00	1.122	0.006
		Bottom	139100	695.5	0.170	0.002	100	1.00	25.50	26.00	1.122	0.002
	50%RB	Front	139100	695.5	0.180	0.004	100	1.00	25.50	26.00	1.122	0.004
		Back	139100	695.5	0.010	0.005	100	1.00	25.50	26.00	1.122	0.006
		Left	139100	695.5	-0.020	0.003	100	1.00	25.50	26.00	1.122	0.003
		Right	139100	695.5	0.060	0.002	100	1.00	25.50	26.00	1.122	0.002
		Top	139100	695.5	-0.050	0.005	100	1.00	25.50	26.00	1.122	0.006
		Bottom	139100	695.5	0.170	0.002	100	1.00	25.50	26.00	1.122	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.150	0.270	100	1.00	27.41	27.50	1.021	0.276
		Left Tilt	633334	3500.0	-0.030	0.334	100	1.00	27.41	27.50	1.021	0.341
		Right Cheek	633334	3500.0	0.120	0.536	100	1.00	27.41	27.50	1.021	0.547
		Right Tilt	633334	3500.0	-0.100	0.662	100	1.00	27.41	27.50	1.021	0.676
	50%RB	Left Cheek	633334	3500.0	0.020	0.238	100	1.00	27.41	27.50	1.021	0.243
		Left Tilt	633334	3500.0	-0.160	0.294	100	1.00	27.41	27.50	1.021	0.300
		Right Cheek	633334	3500.0	0.130	0.472	100	1.00	27.41	27.50	1.021	0.482
		Right Tilt	633334	3500.0	0.090	0.583	100	1.00	27.41	27.50	1.021	0.595
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	633334	3500.0	0.130	0.197	100	1.00	27.41	27.50	1.021	0.201
		Back	633334	3500.0	-0.030	0.312	100	1.00	27.41	27.50	1.021	0.319
		Left	633334	3500.0	0.190	0.209	100	1.00	27.41	27.50	1.021	0.213
		Right	633334	3500.0	-0.060	0.144	100	1.00	27.41	27.50	1.021	0.147
		Top	633334	3500.0	-0.160	0.187	100	1.00	27.41	27.50	1.021	0.191
		Bottom	633334	3500.0	0.180	0.011	100	1.00	27.41	27.50	1.021	0.011
	50%RB	Front	633334	3500.0	0.130	0.173	100	1.00	27.41	27.50	1.021	0.177
		Back	633334	3500.0	-0.190	0.275	100	1.00	27.41	27.50	1.021	0.281
		Left	633334	3500.0	0.140	0.184	100	1.00	27.41	27.50	1.021	0.188
		Right	633334	3500.0	-0.020	0.127	100	1.00	27.41	27.50	1.021	0.130
		Top	633334	3500.0	-0.010	0.165	100	1.00	27.41	27.50	1.021	0.168
		Bottom	633334	3500.0	0.180	0.010	100	1.00	27.41	27.50	1.021	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	637000	3560.0	0.100	0.638	100	1.00	26.69	27.00	1.074	0.685
		Left Tilt	637000	3560.0	0.040	0.673	100	1.00	26.69	27.00	1.074	0.723
		Right Cheek	637000	3560.0	0.070	0.256	100	1.00	26.69	27.00	1.074	0.275
		Right Tilt	637000	3560.0	-0.010	0.270	100	1.00	26.69	27.00	1.074	0.290
	50%RB	Left Cheek	637000	3560.0	0.070	0.574	100	1.00	26.69	27.00	1.074	0.616
		Left Tilt	637000	3560.0	-0.140	0.606	100	1.00	26.69	27.00	1.074	0.651
		Right Cheek	637000	3560.0	-0.120	0.230	100	1.00	26.69	27.00	1.074	0.247
		Right Tilt	637000	3560.0	0.040	0.243	100	1.00	26.69	27.00	1.074	0.261
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.050	0.236	100	1.00	26.69	27.00	1.074	0.253
		Back	637000	3560.0	-0.170	0.394	100	1.00	26.69	27.00	1.074	0.423
		Left	637000	3560.0	-0.050	0.079	100	1.00	26.69	27.00	1.074	0.085
		Right	637000	3560.0	0.050	0.264	100	1.00	26.69	27.00	1.074	0.284
		Top	637000	3560.0	-0.120	0.276	100	1.00	26.69	27.00	1.074	0.296
		Bottom	637000	3560.0	0.130	0.012	100	1.00	26.69	27.00	1.074	0.013
	50%RB	Front	637000	3560.0	0.040	0.212	100	1.00	26.69	27.00	1.074	0.228
		Back	637000	3560.0	-0.030	0.355	100	1.00	26.69	27.00	1.074	0.381
		Left	637000	3560.0	-0.040	0.071	100	1.00	26.69	27.00	1.074	0.076
		Right	637000	3560.0	0.010	0.238	100	1.00	26.69	27.00	1.074	0.256
		Top	637000	3560.0	-0.120	0.248	100	1.00	26.69	27.00	1.074	0.266
		Bottom	637000	3560.0	0.060	0.011	100	1.00	26.69	27.00	1.074	0.012

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	656000	3890.0	0.150	0.539	100	1.00	27.01	27.50	1.119	0.603
		Left Tilt	656000	3890.0	0.070	0.519	100	1.00	27.01	27.50	1.119	0.581
		Right Cheek	656000	3890.0	-0.040	0.167	100	1.00	27.01	27.50	1.119	0.187
		Right Tilt	656000	3890.0	0.120	0.160	100	1.00	27.01	27.50	1.119	0.179
	50%RB	Left Cheek	656000	3890.0	0.140	0.458	100	1.00	27.01	27.50	1.119	0.513
		Left Tilt	656000	3890.0	-0.130	0.441	100	1.00	27.01	27.50	1.119	0.494
		Right Cheek	656000	3890.0	-0.100	0.142	100	1.00	27.01	27.50	1.119	0.159
		Right Tilt	656000	3890.0	0.010	0.136	100	1.00	27.01	27.50	1.119	0.152
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.020	0.190	100	1.00	27.01	27.50	1.119	0.213
		Back	656000	3890.0	-0.040	0.292	100	1.00	27.01	27.50	1.119	0.327
		Left	656000	3890.0	0.030	0.063	100	1.00	27.01	27.50	1.119	0.071
		Right	656000	3890.0	-0.140	0.204	100	1.00	27.01	27.50	1.119	0.228
		Top	656000	3890.0	0.080	0.193	100	1.00	27.01	27.50	1.119	0.216
		Bottom	656000	3890.0	0.180	0.007	100	1.00	27.01	27.50	1.119	0.008
	50%RB	Front	656000	3890.0	-0.190	0.162	100	1.00	27.01	27.50	1.119	0.181
		Back	656000	3890.0	0.110	0.248	100	1.00	27.01	27.50	1.119	0.278
		Left	656000	3890.0	0.070	0.054	100	1.00	27.01	27.50	1.119	0.060
		Right	656000	3890.0	-0.080	0.173	100	1.00	27.01	27.50	1.119	0.194
		Top	656000	3890.0	-0.130	0.164	100	1.00	27.01	27.50	1.119	0.184
		Bottom	656000	3890.0	0.050	0.006	100	1.00	27.01	27.50	1.119	0.007

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.070	0.710	100	1.00	27.61	28.00	1.094	0.777
		Left Tilt	633334	3500.0	-0.070	0.604	100	1.00	27.61	28.00	1.094	0.661
		Right Cheek	633334	3500.0	-0.050	0.202	100	1.00	27.61	28.00	1.094	0.221
		Right Tilt	633334	3500.0	0.050	0.171	100	1.00	27.61	28.00	1.094	0.187
	50%RB	Left Cheek	633334	3500.0	0.070	0.618	100	1.00	27.61	28.00	1.094	0.676
		Left Tilt	633334	3500.0	-0.090	0.525	100	1.00	27.61	28.00	1.094	0.574
		Right Cheek	633334	3500.0	0.110	0.176	100	1.00	27.61	28.00	1.094	0.193
		Right Tilt	633334	3500.0	0.010	0.149	100	1.00	27.61	28.00	1.094	0.163
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	633334	3500.0	0.160	0.225	100	1.00	27.61	28.00	1.094	0.246
		Back	633334	3500.0	-0.100	0.357	100	1.00	27.61	28.00	1.094	0.391
		Left	633334	3500.0	0.190	0.068	100	1.00	27.61	28.00	1.094	0.074
		Right	633334	3500.0	0.040	0.243	100	1.00	27.61	28.00	1.094	0.266
		Top	633334	3500.0	0.070	0.236	100	1.00	27.61	28.00	1.094	0.258
		Bottom	633334	3500.0	-0.040	0.012	100	1.00	27.61	28.00	1.094	0.013
	50%RB	Front	633334	3500.0	0.070	0.196	100	1.00	27.61	28.00	1.094	0.214
		Back	633334	3500.0	0.000	0.311	100	1.00	27.61	28.00	1.094	0.340
		Left	633334	3500.0	-0.020	0.059	100	1.00	27.61	28.00	1.094	0.065
		Right	633334	3500.0	0.040	0.211	100	1.00	27.61	28.00	1.094	0.231
		Top	633334	3500.0	-0.040	0.205	100	1.00	27.61	28.00	1.094	0.224
		Bottom	633334	3500.0	0.170	0.010	100	1.00	27.61	28.00	1.094	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)
NR n78 (BW:50MHz)	1RB	Left Cheek	638334	3575.0	-0.020	0.480	100	1.00	26.87	27.00	1.030	0.495
		Left Tilt	638334	3575.0	-0.050	0.633	100	1.00	26.87	27.00	1.030	0.652
		Right Cheek	638334	3575.0	0.020	0.196	100	1.00	26.87	27.00	1.030	0.202
		Right Tilt	638334	3575.0	0.060	0.258	100	1.00	26.87	27.00	1.030	0.266
	50%RB	Left Cheek	638334	3575.0	0.110	0.432	100	1.00	26.87	27.00	1.030	0.445
		Left Tilt	638334	3575.0	-0.110	0.570	100	1.00	26.87	27.00	1.030	0.587
		Right Cheek	638334	3575.0	0.010	0.176	100	1.00	26.87	27.00	1.030	0.181
		Right Tilt	638334	3575.0	0.060	0.232	100	1.00	26.87	27.00	1.030	0.239
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.010	0.194	100	1.00	26.87	27.00	1.030	0.200
		Back	638334	3575.0	-0.120	0.318	100	1.00	26.87	27.00	1.030	0.328
		Left	638334	3575.0	-0.170	0.087	100	1.00	26.87	27.00	1.030	0.090
		Right	638334	3575.0	0.080	0.213	100	1.00	26.87	27.00	1.030	0.219
		Top	638334	3575.0	0.120	0.207	100	1.00	26.87	27.00	1.030	0.213
		Bottom	638334	3575.0	-0.150	0.010	100	1.00	26.87	27.00	1.030	0.010
	50%RB	Front	638334	3575.0	-0.120	0.175	100	1.00	26.87	27.00	1.030	0.180
		Back	638334	3575.0	-0.090	0.286	100	1.00	26.87	27.00	1.030	0.295
		Left	638334	3575.0	0.110	0.079	100	1.00	26.87	27.00	1.030	0.081
		Right	638334	3575.0	0.010	0.192	100	1.00	26.87	27.00	1.030	0.198
		Top	638334	3575.0	-0.080	0.186	100	1.00	26.87	27.00	1.030	0.192
		Bottom	638334	3575.0	0.100	0.009	100	1.00	26.87	27.00	1.030	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	650000	3750.0	-0.010	0.482	100	1.00	26.48	26.50	1.005	0.484
		Left Tilt	650000	3750.0	0.040	0.517	100	1.00	26.48	26.50	1.005	0.519
		Right Cheek	650000	3750.0	0.020	0.147	100	1.00	26.48	26.50	1.005	0.148
		Right Tilt	650000	3750.0	0.100	0.158	100	1.00	26.48	26.50	1.005	0.159
	50%RB	Left Cheek	650000	3750.0	0.170	0.424	100	1.00	26.48	26.50	1.005	0.426
		Left Tilt	650000	3750.0	0.150	0.455	100	1.00	26.48	26.50	1.005	0.457
		Right Cheek	650000	3750.0	0.060	0.129	100	1.00	26.48	26.50	1.005	0.130
		Right Tilt	650000	3750.0	0.030	0.139	100	1.00	26.48	26.50	1.005	0.140
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.070	0.175	100	1.00	26.48	26.50	1.005	0.176
		Back	650000	3750.0	-0.020	0.261	100	1.00	26.48	26.50	1.005	0.262
		Left	650000	3750.0	0.110	0.191	100	1.00	26.48	26.50	1.005	0.192
		Right	650000	3750.0	0.130	0.191	100	1.00	26.48	26.50	1.005	0.192
		Top	650000	3750.0	-0.080	0.198	100	1.00	26.48	26.50	1.005	0.199
		Bottom	650000	3750.0	0.170	0.010	100	1.00	26.48	26.50	1.005	0.010
	50%RB	Front	650000	3750.0	0.140	0.154	100	1.00	26.48	26.50	1.005	0.155
		Back	650000	3750.0	-0.050	0.230	100	1.00	26.48	26.50	1.005	0.231
		Left	650000	3750.0	0.130	0.168	100	1.00	26.48	26.50	1.005	0.169
		Right	650000	3750.0	-0.140	0.168	100	1.00	26.48	26.50	1.005	0.169
		Top	650000	3750.0	0.080	0.174	100	1.00	26.48	26.50	1.005	0.175
		Bottom	650000	3750.0	0.150	0.009	100	1.00	26.48	26.50	1.005	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Left Cheek	19125	1902.5	0.050	0.392	100	1.00	24.44	24.50	1.014	0.397
		Left Tilt	19125	1902.5	0.120	0.469	100	1.00	24.44	24.50	1.014	0.476
		Right Cheek	19125	1902.5	0.160	0.462	100	1.00	24.44	24.50	1.014	0.468
		Right Tilt	19125	1902.5	0.110	0.569	100	1.00	24.44	24.50	1.014	0.577
	50%RB	Left Cheek	19125	1902.5	-0.010	0.246	100	1.00	24.44	24.50	1.014	0.249
		Left Tilt	19125	1902.5	0.040	0.305	100	1.00	24.44	24.50	1.014	0.309
		Right Cheek	19125	1902.5	-0.100	0.371	100	1.00	24.44	24.50	1.014	0.376
		Right Tilt	19125	1902.5	0.070	0.402	100	1.00	24.44	24.50	1.014	0.408
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Front	19125	1902.5	0.010	0.127	100	1.00	24.44	24.50	1.014	0.129
		Back	19125	1902.5	0.000	0.179	100	1.00	24.44	24.50	1.014	0.181
		Left	19125	1902.5	-0.100	0.096	100	1.00	24.44	24.50	1.014	0.097
		Right	19125	1902.5	0.110	0.005	100	1.00	24.44	24.50	1.014	0.005
		Top	19125	1902.5	-0.040	0.062	100	1.00	24.44	24.50	1.014	0.063
		Bottom	19125	1902.5	-0.120	0.003	100	1.00	24.44	24.50	1.014	0.003
	50%RB	Front	19125	1902.5	0.010	0.084	100	1.00	24.44	24.50	1.014	0.085
		Back	19125	1902.5	0.000	0.124	100	1.00	24.44	24.50	1.014	0.126
		Left	19125	1902.5	0.020	0.061	100	1.00	24.44	24.50	1.014	0.062
		Right	19125	1902.5	0.050	0.004	100	1.00	24.44	24.50	1.014	0.004
		Top	19125	1902.5	-0.010	0.031	100	1.00	24.44	24.50	1.014	0.031
		Bottom	19125	1902.5	0.050	0.002	100	1.00	24.44	24.50	1.014	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n66 (BW: 20MHz)	1RB	Left Cheek	19125	1902.5	0.030	0.086	100	1.00	25.42	25.50	1.019	0.088
		Left Tilt	19125	1902.5	0.000	0.124	100	1.00	25.42	25.50	1.019	0.126
		Right Cheek	19125	1902.5	-0.010	0.106	100	1.00	25.42	25.50	1.019	0.108
		Right Tilt	19125	1902.5	0.120	0.144	100	1.00	25.42	25.50	1.019	0.147
	50%RB	Left Cheek	19125	1902.5	0.020	0.053	100	1.00	25.42	25.50	1.019	0.054
		Left Tilt	19125	1902.5	0.010	0.095	100	1.00	25.42	25.50	1.019	0.097
		Right Cheek	19125	1902.5	-0.010	0.071	100	1.00	25.42	25.50	1.019	0.072
		Right Tilt	19125	1902.5	0.120	0.118	100	1.00	25.42	25.50	1.019	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)
2-n66 (BW: 20MHz)	1RB	Front	19125	1902.5	0.030	0.413	100	1.00	25.42	25.50	1.019	0.421
		Back	19125	1902.5	0.190	0.501	100	1.00	25.42	25.50	1.019	0.510
		Left	19125	1902.5	-0.040	0.228	100	1.00	25.42	25.50	1.019	0.232
		Right	19125	1902.5	0.080	0.023	100	1.00	25.42	25.50	1.019	0.023
		Top	19125	1902.5	-0.180	0.168	100	1.00	25.42	25.50	1.019	0.171
		Bottom	19125	1902.5	0.020	0.014	100	1.00	25.42	25.50	1.019	0.014
	50%RB	Front	19125	1902.5	0.010	0.367	100	1.00	25.42	25.50	1.019	0.374
		Back	19125	1902.5	0.030	0.411	100	1.00	25.42	25.50	1.019	0.419
		Left	19125	1902.5	0.050	0.176	100	1.00	25.42	25.50	1.019	0.179
		Right	19125	1902.5	0.000	0.016	100	1.00	25.42	25.50	1.019	0.016
		Top	19125	1902.5	0.020	0.101	100	1.00	25.42	25.50	1.019	0.103
		Bottom	19125	1902.5	0.010	0.009	100	1.00	25.42	25.50	1.019	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n78 (BW: 20MHz)	1RB	Left Cheek	19125	1902.5	-0.010	0.149	100	1.00	23.48	23.50	1.005	0.150
		Left Tilt	19125	1902.5	0.030	0.114	100	1.00	23.48	23.50	1.005	0.115
		Right Cheek	19125	1902.5	0.020	0.154	100	1.00	23.48	23.50	1.005	0.155
		Right Tilt	19125	1902.5	0.040	0.132	100	1.00	23.48	23.50	1.005	0.133
	50%RB	Left Cheek	19125	1902.5	0.050	0.125	100	1.00	23.48	23.50	1.005	0.126
		Left Tilt	19125	1902.5	0.010	0.106	100	1.00	23.48	23.50	1.005	0.106
		Right Cheek	19125	1902.5	0.030	0.137	100	1.00	23.48	23.50	1.005	0.138
		Right Tilt	19125	1902.5	0.010	0.131	100	1.00	23.48	23.50	1.005	0.132
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	19125	1902.5	-0.050	0.113	100	1.00	23.48	23.50	1.005	0.114
		Back	19125	1902.5	0.180	0.140	100	1.00	23.48	23.50	1.005	0.141
		Left	19125	1902.5	-0.060	0.086	100	1.00	23.48	23.50	1.005	0.086
		Right	19125	1902.5	0.170	0.023	100	1.00	23.48	23.50	1.005	0.023
		Top	19125	1902.5	0.030	0.061	100	1.00	23.48	23.50	1.005	0.061
		Bottom	19125	1902.5	0.090	0.016	100	1.00	23.48	23.50	1.005	0.016
	50%RB	Front	19125	1902.5	0.010	0.085	100	1.00	23.48	23.50	1.005	0.085
		Back	19125	1902.5	0.030	0.101	100	1.00	23.48	23.50	1.005	0.101
		Left	19125	1902.5	-0.050	0.062	100	1.00	23.48	23.50	1.005	0.062
		Right	19125	1902.5	0.050	0.012	100	1.00	23.48	23.50	1.005	0.012
		Top	19125	1902.5	-0.030	0.041	100	1.00	23.48	23.50	1.005	0.041
		Bottom	19125	1902.5	0.010	0.009	100	1.00	23.48	23.50	1.005	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n7 (BW: 20MHz)	1RB	Left Cheek	20350	1750.0	0.130	0.584	100	1.00	23.74	24.00	1.062	0.620
		Left Tilt	20350	1750.0	-0.020	0.502	100	1.00	23.74	24.00	1.062	0.533
		Right Cheek	20350	1750.0	0.010	0.564	100	1.00	23.74	24.00	1.062	0.599
		Right Tilt	20350	1750.0	0.020	0.427	100	1.00	23.74	24.00	1.062	0.453
	50%RB	Left Cheek	20350	1750.0	0.010	0.401	100	1.00	23.74	24.00	1.062	0.426
		Left Tilt	20350	1750.0	0.040	0.300	100	1.00	23.74	24.00	1.062	0.319
		Right Cheek	20350	1750.0	0.020	0.346	100	1.00	23.74	24.00	1.062	0.367
		Right Tilt	20350	1750.0	0.060	0.201	100	1.00	23.74	24.00	1.062	0.213
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20350	1750.0	-0.170	0.318	100	1.00	23.74	24.00	1.062	0.338
		Back	20350	1750.0	-0.120	0.404	100	1.00	23.74	24.00	1.062	0.429
		Left	20350	1750.0	0.180	0.207	100	1.00	23.74	24.00	1.062	0.220
		Right	20350	1750.0	0.160	0.011	100	1.00	23.74	24.00	1.062	0.012
		Top	20350	1750.0	-0.200	0.018	100	1.00	23.74	24.00	1.062	0.019
		Bottom	20350	1750.0	0.140	0.007	100	1.00	23.74	24.00	1.062	0.007
	50%RB	Front	20350	1750.0	0.010	0.227	100	1.00	23.74	24.00	1.062	0.241
		Back	20350	1750.0	0.000	0.305	100	1.00	23.74	24.00	1.062	0.324
		Left	20350	1750.0	0.020	0.146	100	1.00	23.74	24.00	1.062	0.155
		Right	20350	1750.0	-0.020	0.008	100	1.00	23.74	24.00	1.062	0.008
		Top	20350	1750.0	0.040	0.012	100	1.00	23.74	24.00	1.062	0.013
		Bottom	20350	1750.0	-0.020	0.004	100	1.00	23.74	24.00	1.062	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n38 (BW: 20MHz)	1RB	Left Cheek	20350	1750.0	0.070	0.573	100	1.00	23.81	24.00	1.045	0.599
		Left Tilt	20350	1750.0	-0.010	0.362	100	1.00	23.81	24.00	1.045	0.378
		Right Cheek	20350	1750.0	0.000	0.457	100	1.00	23.81	24.00	1.045	0.477
		Right Tilt	20350	1750.0	0.050	0.302	100	1.00	23.81	24.00	1.045	0.316
	50%RB	Left Cheek	20350	1750.0	-0.010	0.465	100	1.00	23.81	24.00	1.045	0.486
		Left Tilt	20350	1750.0	0.020	0.386	100	1.00	23.81	24.00	1.045	0.403
		Right Cheek	20350	1750.0	0.050	0.466	100	1.00	23.81	24.00	1.045	0.487
		Right Tilt	20350	1750.0	0.010	0.276	100	1.00	23.81	24.00	1.045	0.288
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n38 (BW: 20MHz)	1RB	Front	20350	1750.0	-0.090	0.317	100	1.00	23.81	24.00	1.045	0.331
		Back	20350	1750.0	-0.170	0.390	100	1.00	23.81	24.00	1.045	0.407
		Left	20350	1750.0	0.110	0.225	100	1.00	23.81	24.00	1.045	0.235
		Right	20350	1750.0	-0.100	0.011	100	1.00	23.81	24.00	1.045	0.011
		Top	20350	1750.0	0.040	0.186	100	1.00	23.81	24.00	1.045	0.194
		Bottom	20350	1750.0	0.130	0.006	100	1.00	23.81	24.00	1.045	0.006
	50%RB	Front	20350	1750.0	0.050	0.201	100	1.00	23.81	24.00	1.045	0.210
		Back	20350	1750.0	0.000	0.297	100	1.00	23.81	24.00	1.045	0.310
		Left	20350	1750.0	0.030	0.163	100	1.00	23.81	24.00	1.045	0.170
		Right	20350	1750.0	0.000	0.008	100	1.00	23.81	24.00	1.045	0.008
		Top	20350	1750.0	-0.040	0.115	100	1.00	23.81	24.00	1.045	0.120
		Bottom	20350	1750.0	0.050	0.004	100	1.00	23.81	24.00	1.045	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Left Cheek	20350	1750.0	0.050	0.587	100	1.00	23.76	24.00	1.057	0.620
		Left Tilt	20350	1750.0	-0.010	0.339	100	1.00	23.76	24.00	1.057	0.358
		Right Cheek	20350	1750.0	0.030	0.471	100	1.00	23.76	24.00	1.057	0.498
		Right Tilt	20350	1750.0	0.020	0.246	100	1.00	23.76	24.00	1.057	0.260
	50%RB	Left Cheek	20350	1750.0	0.010	0.427	100	1.00	23.76	24.00	1.057	0.451
		Left Tilt	20350	1750.0	0.050	0.305	100	1.00	23.76	24.00	1.057	0.322
		Right Cheek	20350	1750.0	0.020	0.327	100	1.00	23.76	24.00	1.057	0.346
		Right Tilt	20350	1750.0	-0.010	0.264	100	1.00	23.76	24.00	1.057	0.279
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20350	1750.0	0.010	0.296	100	1.00	23.76	24.00	1.057	0.313
		Back	20350	1750.0	-0.170	0.391	100	1.00	23.76	24.00	1.057	0.413
		Left	20350	1750.0	0.140	0.207	100	1.00	23.76	24.00	1.057	0.219
		Right	20350	1750.0	-0.170	0.023	100	1.00	23.76	24.00	1.057	0.024
		Top	20350	1750.0	-0.030	0.176	100	1.00	23.76	24.00	1.057	0.186
		Bottom	20350	1750.0	0.130	0.014	100	1.00	23.76	24.00	1.057	0.015
	50%RB	Front	20350	1750.0	-0.050	0.264	100	1.00	23.76	24.00	1.057	0.279
		Back	20350	1750.0	0.010	0.341	100	1.00	23.76	24.00	1.057	0.360
		Left	20350	1750.0	0.010	0.164	100	1.00	23.76	24.00	1.057	0.173
		Right	20350	1750.0	0.030	0.015	100	1.00	23.76	24.00	1.057	0.016
		Top	20350	1750.0	0.060	0.105	100	1.00	23.76	24.00	1.057	0.111
		Bottom	20350	1750.0	0.010	0.009	100	1.00	23.76	24.00	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)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n78 (BW: 20MHz)	1RB	Left Cheek	20350	1750.0	0.030	0.583	100	1.00	23.90	24.00	1.023	0.597
		Left Tilt	20350	1750.0	-0.010	0.301	100	1.00	23.90	24.00	1.023	0.308
		Right Cheek	20350	1750.0	0.010	0.471	100	1.00	23.90	24.00	1.023	0.482
		Right Tilt	20350	1750.0	0.000	0.244	100	1.00	23.90	24.00	1.023	0.250
	50%RB	Left Cheek	20350	1750.0	-0.120	0.543	100	1.00	23.90	24.00	1.023	0.556
		Left Tilt	20350	1750.0	0.190	0.269	100	1.00	23.90	24.00	1.023	0.275
		Right Cheek	20350	1750.0	-0.030	0.443	100	1.00	23.90	24.00	1.023	0.453
		Right Tilt	20350	1750.0	0.020	0.215	100	1.00	23.90	24.00	1.023	0.220
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20350	1750.0	0.060	0.295	100	1.00	23.90	24.00	1.023	0.302
		Back	20350	1750.0	-0.120	0.366	100	1.00	23.90	24.00	1.023	0.375
		Left	20350	1750.0	-0.160	0.201	100	1.00	23.90	24.00	1.023	0.206
		Right	20350	1750.0	0.150	0.009	100	1.00	23.90	24.00	1.023	0.009
		Top	20350	1750.0	0.190	0.183	100	1.00	23.90	24.00	1.023	0.187
		Bottom	20350	1750.0	-0.070	0.005	100	1.00	23.90	24.00	1.023	0.005
	50%RB	Front	20350	1750.0	0.120	0.248	100	1.00	23.90	24.00	1.023	0.254
		Back	20350	1750.0	-0.020	0.295	100	1.00	23.90	24.00	1.023	0.302
		Left	20350	1750.0	0.100	0.174	100	1.00	23.90	24.00	1.023	0.178
		Right	20350	1750.0	0.110	0.004	100	1.00	23.90	24.00	1.023	0.004
		Top	20350	1750.0	-0.110	0.162	100	1.00	23.90	24.00	1.023	0.166
		Bottom	20350	1750.0	0.180	0.002	100	1.00	23.90	24.00	1.023	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	0.030	0.184	100	1.00	20.25	20.50	1.059	0.195
		Left Tilt	20425	826.5	-0.010	0.236	100	1.00	20.25	20.50	1.059	0.250
		Right Cheek	20425	826.5	0.010	0.204	100	1.00	20.25	20.50	1.059	0.216
		Right Tilt	20425	826.5	0.080	0.265	100	1.00	20.25	20.50	1.059	0.281
	50%RB	Left Cheek	20425	826.5	0.020	0.126	100	1.00	20.25	20.50	1.059	0.133
		Left Tilt	20425	826.5	0.010	0.207	100	1.00	20.25	20.50	1.059	0.219
		Right Cheek	20425	826.5	0.050	0.148	100	1.00	20.25	20.50	1.059	0.157
		Right Tilt	20425	826.5	-0.010	0.213	100	1.00	20.25	20.50	1.059	0.226
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Front	20425	826.5	-0.140	0.096	100	1.00	20.25	20.50	1.059	0.102
		Back	20425	826.5	-0.030	0.160	100	1.00	20.25	20.50	1.059	0.169
		Left	20425	826.5	0.190	0.048	100	1.00	20.25	20.50	1.059	0.051
		Right	20425	826.5	-0.110	0.015	100	1.00	20.25	20.50	1.059	0.016
		Top	20425	826.5	-0.110	0.038	100	1.00	20.25	20.50	1.059	0.040
		Bottom	20425	826.5	0.040	0.009	100	1.00	20.25	20.50	1.059	0.010
	50%RB	Front	20425	826.5	0.010	0.056	100	1.00	20.25	20.50	1.059	0.059
		Back	20425	826.5	0.000	0.097	100	1.00	20.25	20.50	1.059	0.103
		Left	20425	826.5	-0.030	0.034	100	1.00	20.25	20.50	1.059	0.036
		Right	20425	826.5	0.030	0.012	100	1.00	20.25	20.50	1.059	0.013
		Top	20425	826.5	0.000	0.026	100	1.00	20.25	20.50	1.059	0.028
		Bottom	20425	826.5	0.050	0.007	100	1.00	20.25	20.50	1.059	0.007

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n38 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	0.010	0.271	100	1.00	19.95	20.00	1.012	0.274
		Left Tilt	20425	826.5	0.080	0.229	100	1.00	19.95	20.00	1.012	0.232
		Right Cheek	20425	826.5	0.130	0.274	100	1.00	19.95	20.00	1.012	0.277
		Right Tilt	20425	826.5	0.120	0.270	100	1.00	19.95	20.00	1.012	0.273
	50%RB	Left Cheek	20425	826.5	0.040	0.256	100	1.00	19.95	20.00	1.012	0.259
		Left Tilt	20425	826.5	0.180	0.210	100	1.00	19.95	20.00	1.012	0.212
		Right Cheek	20425	826.5	-0.190	0.246	100	1.00	19.95	20.00	1.012	0.249
		Right Tilt	20425	826.5	0.030	0.219	100	1.00	19.95	20.00	1.012	0.222
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.030	0.086	100	1.00	19.95	20.00	1.012	0.087
		Back	20425	826.5	0.160	0.104	100	1.00	19.95	20.00	1.012	0.105
		Left	20425	826.5	-0.150	0.060	100	1.00	19.95	20.00	1.012	0.061
		Right	20425	826.5	0.140	0.005	100	1.00	19.95	20.00	1.012	0.005
		Top	20425	826.5	0.160	0.042	100	1.00	19.95	20.00	1.012	0.042
		Bottom	20425	826.5	0.000	0.002	100	1.00	19.95	20.00	1.012	0.002
	50%RB	Front	20425	826.5	0.020	0.075	100	1.00	19.95	20.00	1.012	0.076
		Back	20425	826.5	-0.040	0.089	100	1.00	19.95	20.00	1.012	0.090
		Left	20425	826.5	0.030	0.049	100	1.00	19.95	20.00	1.012	0.050
		Right	20425	826.5	0.110	0.002	100	1.00	19.95	20.00	1.012	0.002
		Top	20425	826.5	-0.120	0.034	100	1.00	19.95	20.00	1.012	0.034
		Bottom	20425	826.5	0.170	0.002	100	1.00	19.95	20.00	1.012	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	-0.050	0.260	100	1.00	20.18	20.50	1.076	0.280
		Left Tilt	20425	826.5	0.170	0.219	100	1.00	20.18	20.50	1.076	0.236
		Right Cheek	20425	826.5	0.020	0.254	100	1.00	20.18	20.50	1.076	0.273
		Right Tilt	20425	826.5	0.110	0.206	100	1.00	20.18	20.50	1.076	0.222
	50%RB	Left Cheek	20425	826.5	0.010	0.239	100	1.00	20.18	20.50	1.076	0.257
		Left Tilt	20425	826.5	-0.190	0.174	100	1.00	20.18	20.50	1.076	0.187
		Right Cheek	20425	826.5	0.110	0.225	100	1.00	20.18	20.50	1.076	0.242
		Right Tilt	20425	826.5	0.070	0.159	100	1.00	20.18	20.50	1.076	0.171
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Front	20425	826.5	0.070	0.089	100	1.00	20.18	20.50	1.076	0.096
		Back	20425	826.5	-0.020	0.110	100	1.00	20.18	20.50	1.076	0.118
		Left	20425	826.5	0.080	0.065	100	1.00	20.18	20.50	1.076	0.070
		Right	20425	826.5	-0.030	0.003	100	1.00	20.18	20.50	1.076	0.003
		Top	20425	826.5	0.120	0.053	100	1.00	20.18	20.50	1.076	0.057
		Bottom	20425	826.5	-0.030	0.002	100	1.00	20.18	20.50	1.076	0.002
	50%RB	Front	20425	826.5	0.100	0.073	100	1.00	20.18	20.50	1.076	0.079
		Back	20425	826.5	0.180	0.087	100	1.00	20.18	20.50	1.076	0.094
		Left	20425	826.5	-0.170	0.054	100	1.00	20.18	20.50	1.076	0.058
		Right	20425	826.5	0.080	0.002	100	1.00	20.18	20.50	1.076	0.002
		Top	20425	826.5	-0.100	0.041	100	1.00	20.18	20.50	1.076	0.044
		Bottom	20425	826.5	0.180	0.002	100	1.00	20.18	20.50	1.076	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n66 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	0.040	0.139	100	1.00	20.67	21.00	1.079	0.150
		Left Tilt	20425	826.5	0.050	0.241	100	1.00	20.67	21.00	1.079	0.260
		Right Cheek	20425	826.5	-0.120	0.162	100	1.00	20.67	21.00	1.079	0.175
		Right Tilt	20425	826.5	0.180	0.284	100	1.00	20.67	21.00	1.079	0.306
	50%RB	Left Cheek	20425	826.5	0.090	0.114	100	1.00	20.67	21.00	1.079	0.123
		Left Tilt	20425	826.5	-0.150	0.218	100	1.00	20.67	21.00	1.079	0.235
		Right Cheek	20425	826.5	0.170	0.143	100	1.00	20.67	21.00	1.079	0.154
		Right Tilt	20425	826.5	-0.200	0.251	100	1.00	20.67	21.00	1.079	0.271
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.080	0.106	100	1.00	20.67	21.00	1.079	0.114
		Back	20425	826.5	0.070	0.129	100	1.00	20.67	21.00	1.079	0.139
		Left	20425	826.5	-0.040	0.075	100	1.00	20.67	21.00	1.079	0.081
		Right	20425	826.5	0.000	0.005	100	1.00	20.67	21.00	1.079	0.005
		Top	20425	826.5	-0.070	0.054	100	1.00	20.67	21.00	1.079	0.058
		Bottom	20425	826.5	0.000	0.003	100	1.00	20.67	21.00	1.079	0.003
	50%RB	Front	20425	826.5	0.090	0.082	100	1.00	20.67	21.00	1.079	0.088
		Back	20425	826.5	0.060	0.107	100	1.00	20.67	21.00	1.079	0.115
		Left	20425	826.5	-0.180	0.060	100	1.00	20.67	21.00	1.079	0.065
		Right	20425	826.5	0.170	0.003	100	1.00	20.67	21.00	1.079	0.003
		Top	20425	826.5	0.070	0.041	100	1.00	20.67	21.00	1.079	0.044
		Bottom	20425	826.5	-0.160	0.002	100	1.00	20.67	21.00	1.079	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	0.020	0.321	100	1.00	23.18	23.50	1.076	0.346
		Left Tilt	20425	826.5	0.190	0.307	100	1.00	23.18	23.50	1.076	0.330
		Right Cheek	20425	826.5	-0.140	0.339	100	1.00	23.18	23.50	1.076	0.365
		Right Tilt	20425	826.5	0.040	0.094	100	1.00	23.18	23.50	1.076	0.101
	50%RB	Left Cheek	20425	826.5	0.040	0.284	100	1.00	23.18	23.50	1.076	0.306
		Left Tilt	20425	826.5	0.170	0.271	100	1.00	23.18	23.50	1.076	0.292
		Right Cheek	20425	826.5	0.150	0.296	100	1.00	23.18	23.50	1.076	0.319
		Right Tilt	20425	826.5	-0.110	0.081	100	1.00	23.18	23.50	1.076	0.087
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Front	20425	826.5	-0.110	0.091	100	1.00	23.18	23.50	1.076	0.098
		Back	20425	826.5	-0.060	0.135	100	1.00	23.18	23.50	1.076	0.145
		Left	20425	826.5	0.100	0.073	100	1.00	23.18	23.50	1.076	0.079
		Right	20425	826.5	-0.060	0.005	100	1.00	23.18	23.50	1.076	0.005
		Top	20425	826.5	0.060	0.057	100	1.00	23.18	23.50	1.076	0.061
		Bottom	20425	826.5	0.060	0.002	100	1.00	23.18	23.50	1.076	0.002
	50%RB	Front	20425	826.5	0.070	0.065	100	1.00	23.18	23.50	1.076	0.070
		Back	20425	826.5	-0.050	0.107	100	1.00	23.18	23.50	1.076	0.115
		Left	20425	826.5	-0.030	0.049	100	1.00	23.18	23.50	1.076	0.053
		Right	20425	826.5	0.070	0.003	100	1.00	23.18	23.50	1.076	0.003
		Top	20425	826.5	0.160	0.043	100	1.00	23.18	23.50	1.076	0.046
		Bottom	20425	826.5	0.050	0.002	100	1.00	23.18	23.50	1.076	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	0.080	0.322	100	1.00	23.20	23.50	1.072	0.345
		Left Tilt	20425	826.5	-0.160	0.286	100	1.00	23.20	23.50	1.072	0.306
		Right Cheek	20425	826.5	0.170	0.362	100	1.00	23.20	23.50	1.072	0.388
		Right Tilt	20425	826.5	0.060	0.110	100	1.00	23.20	23.50	1.072	0.118
	50%RB	Left Cheek	20425	826.5	0.020	0.306	100	1.00	23.20	23.50	1.072	0.328
		Left Tilt	20425	826.5	0.020	0.224	100	1.00	23.20	23.50	1.072	0.240
		Right Cheek	20425	826.5	0.130	0.324	100	1.00	23.20	23.50	1.072	0.347
		Right Tilt	20425	826.5	-0.010	0.081	100	1.00	23.20	23.50	1.072	0.087
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Front	20425	826.5	0.050	0.105	100	1.00	23.20	23.50	1.072	0.113
		Back	20425	826.5	0.090	0.147	100	1.00	23.20	23.50	1.072	0.158
		Left	20425	826.5	-0.190	0.053	100	1.00	23.20	23.50	1.072	0.057
		Right	20425	826.5	-0.010	0.003	100	1.00	23.20	23.50	1.072	0.003
		Top	20425	826.5	0.010	0.048	100	1.00	23.20	23.50	1.072	0.051
		Bottom	20425	826.5	0.140	0.002	100	1.00	23.20	23.50	1.072	0.002
	50%RB	Front	20425	826.5	0.070	0.089	100	1.00	23.20	23.50	1.072	0.095
		Back	20425	826.5	0.200	0.126	100	1.00	23.20	23.50	1.072	0.135
		Left	20425	826.5	-0.140	0.048	100	1.00	23.20	23.50	1.072	0.051
		Right	20425	826.5	0.030	0.001	100	1.00	23.20	23.50	1.072	0.001
		Top	20425	826.5	0.130	0.040	100	1.00	23.20	23.50	1.072	0.043
		Bottom	20425	826.5	-0.120	0.002	100	1.00	23.20	23.50	1.072	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	0.020	0.186	100	1.00	22.85	23.00	1.035	0.193
		Left Tilt	21100	2535.0	-0.050	0.227	100	1.00	22.85	23.00	1.035	0.235
		Right Cheek	21100	2535.0	0.020	0.201	100	1.00	22.85	23.00	1.035	0.208
		Right Tilt	21100	2535.0	0.010	0.269	100	1.00	22.85	23.00	1.035	0.278
	50%RB	Left Cheek	21100	2535.0	0.040	0.164	100	1.00	22.85	23.00	1.035	0.170
		Left Tilt	21100	2535.0	0.020	0.203	100	1.00	22.85	23.00	1.035	0.210
		Right Cheek	21100	2535.0	0.000	0.185	100	1.00	22.85	23.00	1.035	0.192
		Right Tilt	21100	2535.0	-0.010	0.233	100	1.00	22.85	23.00	1.035	0.241
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Front	21100	2535.0	0.030	0.124	100	1.00	22.85	23.00	1.035	0.128
		Back	21100	2535.0	0.060	0.169	100	1.00	22.85	23.00	1.035	0.175
		Left	21100	2535.0	-0.040	0.106	100	1.00	22.85	23.00	1.035	0.110
		Right	21100	2535.0	0.010	0.022	100	1.00	22.85	23.00	1.035	0.023
		Top	21100	2535.0	-0.090	0.073	100	1.00	22.85	23.00	1.035	0.076
		Bottom	21100	2535.0	0.010	0.015	100	1.00	22.85	23.00	1.035	0.016
	50%RB	Front	21100	2535.0	0.000	0.075	100	1.00	22.85	23.00	1.035	0.078
		Back	21100	2535.0	0.020	0.102	100	1.00	22.85	23.00	1.035	0.106
		Left	21100	2535.0	0.050	0.046	100	1.00	22.85	23.00	1.035	0.048
		Right	21100	2535.0	0.000	0.018	100	1.00	22.85	23.00	1.035	0.019
		Top	21100	2535.0	-0.010	0.029	100	1.00	22.85	23.00	1.035	0.030
		Bottom	21100	2535.0	0.010	0.011	100	1.00	22.85	23.00	1.035	0.011

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n66 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	0.080	0.088	100	1.00	22.29	22.50	1.050	0.092
		Left Tilt	21100	2535.0	0.130	0.129	100	1.00	22.29	22.50	1.050	0.135
		Right Cheek	21100	2535.0	-0.090	0.112	100	1.00	22.29	22.50	1.050	0.118
		Right Tilt	21100	2535.0	0.070	0.153	100	1.00	22.29	22.50	1.050	0.161
	50%RB	Left Cheek	21100	2535.0	-0.050	0.069	100	1.00	22.29	22.50	1.050	0.072
		Left Tilt	21100	2535.0	-0.120	0.107	100	1.00	22.29	22.50	1.050	0.112
		Right Cheek	21100	2535.0	0.060	0.098	100	1.00	22.29	22.50	1.050	0.103
		Right Tilt	21100	2535.0	0.170	0.132	100	1.00	22.29	22.50	1.050	0.139
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n66 (BW: 20MHz)	1RB	Front	21100	2535.0	0.050	0.051	100	1.00	22.29	22.50	1.050	0.054
		Back	21100	2535.0	-0.200	0.072	100	1.00	22.29	22.50	1.050	0.076
		Left	21100	2535.0	0.030	0.049	100	1.00	22.29	22.50	1.050	0.051
		Right	21100	2535.0	-0.100	0.003	100	1.00	22.29	22.50	1.050	0.003
		Top	21100	2535.0	-0.190	0.038	100	1.00	22.29	22.50	1.050	0.040
		Bottom	21100	2535.0	-0.030	0.002	100	1.00	22.29	22.50	1.050	0.002
	50%RB	Front	21100	2535.0	0.040	0.048	100	1.00	22.29	22.50	1.050	0.050
		Back	21100	2535.0	-0.090	0.060	100	1.00	22.29	22.50	1.050	0.063
		Left	21100	2535.0	0.110	0.043	100	1.00	22.29	22.50	1.050	0.045
		Right	21100	2535.0	0.010	0.002	100	1.00	22.29	22.50	1.050	0.002
		Top	21100	2535.0	-0.070	0.028	100	1.00	22.29	22.50	1.050	0.029
		Bottom	21100	2535.0	0.070	0.002	100	1.00	22.29	22.50	1.050	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n77 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	-0.160	0.204	100	1.00	23.67	24.00	1.079	0.220
		Left Tilt	21100	2535.0	0.120	0.066	100	1.00	23.67	24.00	1.079	0.071
		Right Cheek	21100	2535.0	0.170	0.162	100	1.00	23.67	24.00	1.079	0.175
		Right Tilt	21100	2535.0	-0.170	0.056	100	1.00	23.67	24.00	1.079	0.060
	50%RB	Left Cheek	21100	2535.0	0.150	0.169	100	1.00	23.67	24.00	1.079	0.182
		Left Tilt	21100	2535.0	-0.100	0.058	100	1.00	23.67	24.00	1.079	0.063
		Right Cheek	21100	2535.0	0.130	0.137	100	1.00	23.67	24.00	1.079	0.148
		Right Tilt	21100	2535.0	0.090	0.046	100	1.00	23.67	24.00	1.079	0.050
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	21100	2535.0	0.080	0.052	100	1.00	23.67	24.00	1.079	0.056
		Back	21100	2535.0	-0.110	0.068	100	1.00	23.67	24.00	1.079	0.073
		Left	21100	2535.0	0.020	0.031	100	1.00	23.67	24.00	1.079	0.033
		Right	21100	2535.0	-0.140	0.009	100	1.00	23.67	24.00	1.079	0.010
		Top	21100	2535.0	0.140	0.020	100	1.00	23.67	24.00	1.079	0.022
		Bottom	21100	2535.0	-0.020	0.006	100	1.00	23.67	24.00	1.079	0.006
	50%RB	Front	21100	2535.0	0.090	0.028	100	1.00	23.67	24.00	1.079	0.030
		Back	21100	2535.0	-0.170	0.049	100	1.00	23.67	24.00	1.079	0.053
		Left	21100	2535.0	0.130	0.024	100	1.00	23.67	24.00	1.079	0.026
		Right	21100	2535.0	0.180	0.006	100	1.00	23.67	24.00	1.079	0.006
		Top	21100	2535.0	-0.070	0.012	100	1.00	23.67	24.00	1.079	0.013
		Bottom	21100	2535.0	0.140	0.003	100	1.00	23.67	24.00	1.079	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)
7-n78 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	0.170	0.109	100	1.00	23.72	24.00	1.067	0.116
		Left Tilt	21100	2535.0	0.080	0.063	100	1.00	23.72	24.00	1.067	0.067
		Right Cheek	21100	2535.0	0.180	0.092	100	1.00	23.72	24.00	1.067	0.098
		Right Tilt	21100	2535.0	0.030	0.047	100	1.00	23.72	24.00	1.067	0.050
	50%RB	Left Cheek	21100	2535.0	-0.160	0.086	100	1.00	23.72	24.00	1.067	0.092
		Left Tilt	21100	2535.0	-0.020	0.046	100	1.00	23.72	24.00	1.067	0.049
		Right Cheek	21100	2535.0	0.110	0.077	100	1.00	23.72	24.00	1.067	0.082
		Right Tilt	21100	2535.0	0.160	0.036	100	1.00	23.72	24.00	1.067	0.038
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Front	21100	2535.0	0.110	0.049	100	1.00	23.72	24.00	1.067	0.052
		Back	21100	2535.0	-0.190	0.065	100	1.00	23.72	24.00	1.067	0.069
		Left	21100	2535.0	0.060	0.036	100	1.00	23.72	24.00	1.067	0.038
		Right	21100	2535.0	-0.030	0.004	100	1.00	23.72	24.00	1.067	0.004
		Top	21100	2535.0	-0.030	0.028	100	1.00	23.72	24.00	1.067	0.030
		Bottom	21100	2535.0	-0.090	0.002	100	1.00	23.72	24.00	1.067	0.002
	50%RB	Front	21100	2535.0	-0.100	0.038	100	1.00	23.72	24.00	1.067	0.041
		Back	21100	2535.0	0.160	0.050	100	1.00	23.72	24.00	1.067	0.053
		Left	21100	2535.0	-0.060	0.029	100	1.00	23.72	24.00	1.067	0.031
		Right	21100	2535.0	0.030	0.002	100	1.00	23.72	24.00	1.067	0.002
		Top	21100	2535.0	0.050	0.023	100	1.00	23.72	24.00	1.067	0.025
		Bottom	21100	2535.0	-0.060	0.002	100	1.00	23.72	24.00	1.067	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)
38-n78 (BW: 20MHz)	1RB	Left Cheek	38225	2617.5	-0.140	0.069	100	1.00	23.78	24.00	1.052	0.073
		Left Tilt	38225	2617.5	0.160	0.124	100	1.00	23.78	24.00	1.052	0.130
		Right Cheek	38225	2617.5	0.180	0.059	100	1.00	23.78	24.00	1.052	0.062
		Right Tilt	38225	2617.5	0.060	0.080	100	1.00	23.78	24.00	1.052	0.084
	50%RB	Left Cheek	38225	2617.5	0.100	0.048	100	1.00	23.78	24.00	1.052	0.050
		Left Tilt	38225	2617.5	-0.200	0.079	100	1.00	23.78	24.00	1.052	0.083
		Right Cheek	38225	2617.5	0.180	0.043	100	1.00	23.78	24.00	1.052	0.045
		Right Tilt	38225	2617.5	0.140	0.062	100	1.00	23.78	24.00	1.052	0.065
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
38-n78 (BW: 20MHz)	1RB	Front	38225	2617.5	0.090	0.078	100	1.00	23.78	24.00	1.052	0.082
		Back	38225	2617.5	-0.170	0.109	100	1.00	23.78	24.00	1.052	0.115
		Left	38225	2617.5	0.030	0.057	100	1.00	23.78	24.00	1.052	0.060
		Right	38225	2617.5	0.130	0.007	100	1.00	23.78	24.00	1.052	0.007
		Top	38225	2617.5	-0.180	0.041	100	1.00	23.78	24.00	1.052	0.043
		Bottom	38225	2617.5	0.160	0.006	100	1.00	23.78	24.00	1.052	0.006
	50%RB	Front	38225	2617.5	0.060	0.071	100	1.00	23.78	24.00	1.052	0.075
		Back	38225	2617.5	0.100	0.086	100	1.00	23.78	24.00	1.052	0.090
		Left	38225	2617.5	-0.170	0.052	100	1.00	23.78	24.00	1.052	0.055
		Right	38225	2617.5	0.130	0.005	100	1.00	23.78	24.00	1.052	0.005
		Top	38225	2617.5	-0.010	0.037	100	1.00	23.78	24.00	1.052	0.039
		Bottom	38225	2617.5	0.110	0.003	100	1.00	23.78	24.00	1.052	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	0.020	0.075	100	1.00	23.25	23.50	1.059	0.079
		Left Tilt	40620	2593.0	0.040	0.086	100	1.00	23.25	23.50	1.059	0.091
		Right Cheek	40620	2593.0	-0.020	0.043	100	1.00	23.25	23.50	1.059	0.046
		Right Tilt	40620	2593.0	0.010	0.062	100	1.00	23.25	23.50	1.059	0.066
	50%RB	Left Cheek	40620	2593.0	0.060	0.046	100	1.00	23.25	23.50	1.059	0.049
		Left Tilt	40620	2593.0	0.000	0.063	100	1.00	23.25	23.50	1.059	0.067
		Right Cheek	40620	2593.0	0.000	0.028	100	1.00	23.25	23.50	1.059	0.030
		Right Tilt	40620	2593.0	-0.010	0.034	100	1.00	23.25	23.50	1.059	0.036
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Front	40620	2593.0	0.030	0.046	100	1.00	23.25	23.50	1.059	0.049
		Back	40620	2593.0	-0.010	0.065	100	1.00	23.25	23.50	1.059	0.069
		Left	40620	2593.0	-0.040	0.030	100	1.00	23.25	23.50	1.059	0.032
		Right	40620	2593.0	0.010	0.015	100	1.00	23.25	23.50	1.059	0.016
		Top	40620	2593.0	0.030	0.021	100	1.00	23.25	23.50	1.059	0.022
		Bottom	40620	2593.0	-0.050	0.011	100	1.00	23.25	23.50	1.059	0.012
	50%RB	Front	40620	2593.0	0.040	0.034	100	1.00	23.25	23.50	1.059	0.036
		Back	40620	2593.0	0.020	0.048	100	1.00	23.25	23.50	1.059	0.051
		Left	40620	2593.0	-0.010	0.027	100	1.00	23.25	23.50	1.059	0.029
		Right	40620	2593.0	0.050	0.010	100	1.00	23.25	23.50	1.059	0.011
		Top	40620	2593.0	-0.010	0.015	100	1.00	23.25	23.50	1.059	0.016
		Bottom	40620	2593.0	0.070	0.006	100	1.00	23.25	23.50	1.059	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n77 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	0.140	0.063	100	1.00	23.66	24.00	1.081	0.068
		Left Tilt	40620	2593.0	0.160	0.077	100	1.00	23.66	24.00	1.081	0.083
		Right Cheek	40620	2593.0	0.100	0.022	100	1.00	23.66	24.00	1.081	0.024
		Right Tilt	40620	2593.0	-0.080	0.031	100	1.00	23.66	24.00	1.081	0.034
	50%RB	Left Cheek	40620	2593.0	-0.030	0.050	100	1.00	23.66	24.00	1.081	0.054
		Left Tilt	40620	2593.0	-0.150	0.068	100	1.00	23.66	24.00	1.081	0.074
		Right Cheek	40620	2593.0	0.160	0.017	100	1.00	23.66	24.00	1.081	0.018
		Right Tilt	40620	2593.0	0.070	0.023	100	1.00	23.66	24.00	1.081	0.025
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n77 (BW: 20MHz)	1RB	Front	40620	2593.0	0.130	0.023	100	1.00	23.66	24.00	1.081	0.025
		Back	40620	2593.0	0.170	0.029	100	1.00	23.66	24.00	1.081	0.031
		Left	40620	2593.0	-0.040	0.017	100	1.00	23.66	24.00	1.081	0.018
		Right	40620	2593.0	0.050	0.004	100	1.00	23.66	24.00	1.081	0.004
		Top	40620	2593.0	0.130	0.012	100	1.00	23.66	24.00	1.081	0.013
		Bottom	40620	2593.0	-0.190	0.002	100	1.00	23.66	24.00	1.081	0.002
	50%RB	Front	40620	2593.0	0.190	0.016	100	1.00	23.66	24.00	1.081	0.017
		Back	40620	2593.0	-0.180	0.022	100	1.00	23.66	24.00	1.081	0.024
		Left	40620	2593.0	0.090	0.010	100	1.00	23.66	24.00	1.081	0.011
		Right	40620	2593.0	-0.060	0.001	100	1.00	23.66	24.00	1.081	0.001
		Top	40620	2593.0	0.170	0.009	100	1.00	23.66	24.00	1.081	0.010
		Bottom	40620	2593.0	0.100	0.002	100	1.00	23.66	24.00	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)
41-n78 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	0.010	0.082	100	1.00	23.67	24.00	1.079	0.088
		Left Tilt	40620	2593.0	0.140	0.111	100	1.00	23.67	24.00	1.079	0.120
		Right Cheek	40620	2593.0	0.070	0.057	100	1.00	23.67	24.00	1.079	0.061
		Right Tilt	40620	2593.0	-0.040	0.090	100	1.00	23.67	24.00	1.079	0.097
	50%RB	Left Cheek	40620	2593.0	0.110	0.067	100	1.00	23.67	24.00	1.079	0.072
		Left Tilt	40620	2593.0	0.110	0.086	100	1.00	23.67	24.00	1.079	0.093
		Right Cheek	40620	2593.0	-0.010	0.048	100	1.00	23.67	24.00	1.079	0.052
		Right Tilt	40620	2593.0	0.190	0.071	100	1.00	23.67	24.00	1.079	0.077
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Front	40620	2593.0	0.090	0.101	100	1.00	23.67	24.00	1.079	0.109
		Back	40620	2593.0	0.020	0.131	100	1.00	23.67	24.00	1.079	0.141
		Left	40620	2593.0	-0.010	0.069	100	1.00	23.67	24.00	1.079	0.074
		Right	40620	2593.0	0.150	0.035	100	1.00	23.67	24.00	1.079	0.038
		Top	40620	2593.0	-0.160	0.042	100	1.00	23.67	24.00	1.079	0.045
		Bottom	40620	2593.0	0.010	0.021	100	1.00	23.67	24.00	1.079	0.023
	50%RB	Front	40620	2593.0	0.020	0.062	100	1.00	23.67	24.00	1.079	0.067
		Back	40620	2593.0	-0.170	0.091	100	1.00	23.67	24.00	1.079	0.098
		Left	40620	2593.0	0.000	0.041	100	1.00	23.67	24.00	1.079	0.044
		Right	40620	2593.0	0.100	0.013	100	1.00	23.67	24.00	1.079	0.014
		Top	40620	2593.0	0.000	0.027	100	1.00	23.67	24.00	1.079	0.029
		Bottom	40620	2593.0	0.080	0.006	100	1.00	23.67	24.00	1.079	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n7 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	0.120	0.496	100	1.00	23.64	24.00	1.086	0.539
		Left Tilt	132572	1770.0	0.120	0.285	100	1.00	23.64	24.00	1.086	0.310
		Right Cheek	132572	1770.0	0.150	0.550	100	1.00	23.64	24.00	1.086	0.598
		Right Tilt	132572	1770.0	-0.010	0.362	100	1.00	23.64	24.00	1.086	0.393
	50%RB	Left Cheek	132572	1770.0	0.040	0.463	100	1.00	23.64	24.00	1.086	0.503
		Left Tilt	132572	1770.0	0.090	0.254	100	1.00	23.64	24.00	1.086	0.276
		Right Cheek	132572	1770.0	-0.160	0.519	100	1.00	23.64	24.00	1.086	0.564
		Right Tilt	132572	1770.0	0.140	0.341	100	1.00	23.64	24.00	1.086	0.370
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132572	1770.0	-0.100	0.145	100	1.00	23.64	24.00	1.086	0.158
		Back	132572	1770.0	-0.140	0.276	100	1.00	23.64	24.00	1.086	0.300
		Left	132572	1770.0	-0.150	0.114	100	1.00	23.64	24.00	1.086	0.124
		Right	132572	1770.0	0.070	0.003	100	1.00	23.64	24.00	1.086	0.003
		Top	132572	1770.0	0.100	0.059	100	1.00	23.64	24.00	1.086	0.064
		Bottom	132572	1770.0	0.040	0.002	100	1.00	23.64	24.00	1.086	0.002
	50%RB	Front	132572	1770.0	0.090	0.120	100	1.00	23.64	24.00	1.086	0.130
		Back	132572	1770.0	0.150	0.248	100	1.00	23.64	24.00	1.086	0.269
		Left	132572	1770.0	0.030	0.089	100	1.00	23.64	24.00	1.086	0.097
		Right	132572	1770.0	-0.150	0.002	100	1.00	23.64	24.00	1.086	0.002
		Top	132572	1770.0	0.160	0.043	100	1.00	23.64	24.00	1.086	0.047
		Bottom	132572	1770.0	0.000	0.002	100	1.00	23.64	24.00	1.086	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n38 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	0.150	0.423	100	1.00	23.94	24.00	1.014	0.429
		Left Tilt	132572	1770.0	0.090	0.261	100	1.00	23.94	24.00	1.014	0.265
		Right Cheek	132572	1770.0	0.180	0.562	100	1.00	23.94	24.00	1.014	0.570
		Right Tilt	132572	1770.0	0.160	0.295	100	1.00	23.94	24.00	1.014	0.299
	50%RB	Left Cheek	132572	1770.0	0.190	0.408	100	1.00	23.94	24.00	1.014	0.414
		Left Tilt	132572	1770.0	-0.090	0.234	100	1.00	23.94	24.00	1.014	0.237
		Right Cheek	132572	1770.0	0.190	0.524	100	1.00	23.94	24.00	1.014	0.531
		Right Tilt	132572	1770.0	0.050	0.259	100	1.00	23.94	24.00	1.014	0.263
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n38 (BW: 20MHz)	1RB	Front	132572	1770.0	0.030	0.275	100	1.00	23.94	24.00	1.014	0.279
		Back	132572	1770.0	-0.010	0.352	100	1.00	23.94	24.00	1.014	0.357
		Left	132572	1770.0	0.100	0.192	100	1.00	23.94	24.00	1.014	0.195
		Right	132572	1770.0	0.170	0.024	100	1.00	23.94	24.00	1.014	0.024
		Top	132572	1770.0	-0.160	0.149	100	1.00	23.94	24.00	1.014	0.151
		Bottom	132572	1770.0	0.090	0.015	100	1.00	23.94	24.00	1.014	0.015
	50%RB	Front	132572	1770.0	0.040	0.254	100	1.00	23.94	24.00	1.014	0.258
		Back	132572	1770.0	0.190	0.327	100	1.00	23.94	24.00	1.014	0.332
		Left	132572	1770.0	0.050	0.158	100	1.00	23.94	24.00	1.014	0.160
		Right	132572	1770.0	-0.080	0.016	100	1.00	23.94	24.00	1.014	0.016
		Top	132572	1770.0	0.060	0.104	100	1.00	23.94	24.00	1.014	0.105
		Bottom	132572	1770.0	0.170	0.009	100	1.00	23.94	24.00	1.014	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	0.140	0.439	100	1.00	24.01	24.50	1.119	0.491
		Left Tilt	132572	1770.0	0.070	0.264	100	1.00	24.01	24.50	1.119	0.296
		Right Cheek	132572	1770.0	0.110	0.540	100	1.00	24.01	24.50	1.119	0.604
		Right Tilt	132572	1770.0	-0.010	0.372	100	1.00	24.01	24.50	1.119	0.416
	50%RB	Left Cheek	132572	1770.0	-0.030	0.417	100	1.00	24.01	24.50	1.119	0.467
		Left Tilt	132572	1770.0	-0.050	0.241	100	1.00	24.01	24.50	1.119	0.270
		Right Cheek	132572	1770.0	0.100	0.518	100	1.00	24.01	24.50	1.119	0.580
		Right Tilt	132572	1770.0	0.190	0.328	100	1.00	24.01	24.50	1.119	0.367
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132572	1770.0	-0.100	0.175	100	1.00	24.01	24.50	1.119	0.196
		Back	132572	1770.0	-0.140	0.297	100	1.00	24.01	24.50	1.119	0.332
		Left	132572	1770.0	-0.150	0.132	100	1.00	24.01	24.50	1.119	0.148
		Right	132572	1770.0	0.070	0.004	100	1.00	24.01	24.50	1.119	0.004
		Top	132572	1770.0	0.100	0.072	100	1.00	24.01	24.50	1.119	0.081
		Bottom	132572	1770.0	0.040	0.003	100	1.00	24.01	24.50	1.119	0.003
	50%RB	Front	132572	1770.0	0.040	0.156	100	1.00	24.01	24.50	1.119	0.175
		Back	132572	1770.0	-0.030	0.246	100	1.00	24.01	24.50	1.119	0.275
		Left	132572	1770.0	0.110	0.114	100	1.00	24.01	24.50	1.119	0.128
		Right	132572	1770.0	0.090	0.003	100	1.00	24.01	24.50	1.119	0.003
		Top	132572	1770.0	-0.070	0.051	100	1.00	24.01	24.50	1.119	0.057
		Bottom	132572	1770.0	0.040	0.002	100	1.00	24.01	24.50	1.119	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n66 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	0.020	0.205	100	1.00	22.89	23.00	1.026	0.210
		Left Tilt	132572	1770.0	-0.010	0.127	100	1.00	22.89	23.00	1.026	0.130
		Right Cheek	132572	1770.0	0.000	0.460	100	1.00	22.89	23.00	1.026	0.472
		Right Tilt	132572	1770.0	0.030	0.288	100	1.00	22.89	23.00	1.026	0.295
	50%RB	Left Cheek	132572	1770.0	0.060	0.165	100	1.00	22.89	23.00	1.026	0.169
		Left Tilt	132572	1770.0	0.010	0.102	100	1.00	22.89	23.00	1.026	0.105
		Right Cheek	132572	1770.0	0.040	0.311	100	1.00	22.89	23.00	1.026	0.319
		Right Tilt	132572	1770.0	0.020	0.204	100	1.00	22.89	23.00	1.026	0.209
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n66 (BW: 20MHz)	1RB	Front	132572	1770.0	0.030	0.209	100	1.00	22.89	23.00	1.026	0.214
		Back	132572	1770.0	-0.020	0.297	100	1.00	22.89	23.00	1.026	0.305
		Left	132572	1770.0	0.010	0.124	100	1.00	22.89	23.00	1.026	0.127
		Right	132572	1770.0	0.050	0.030	100	1.00	22.89	23.00	1.026	0.031
		Top	132572	1770.0	0.000	0.069	100	1.00	22.89	23.00	1.026	0.071
		Bottom	132572	1770.0	0.020	0.015	100	1.00	22.89	23.00	1.026	0.015
	50%RB	Front	132572	1770.0	0.020	0.146	100	1.00	22.89	23.00	1.026	0.150
		Back	132572	1770.0	-0.010	0.205	100	1.00	22.89	23.00	1.026	0.210
		Left	132572	1770.0	0.010	0.082	100	1.00	22.89	23.00	1.026	0.084
		Right	132572	1770.0	0.030	0.020	100	1.00	22.89	23.00	1.026	0.021
		Top	132572	1770.0	0.010	0.059	100	1.00	22.89	23.00	1.026	0.061
		Bottom	132572	1770.0	-0.010	0.011	100	1.00	22.89	23.00	1.026	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)
66-n77 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	0.180	0.296	100	1.00	23.86	24.00	1.033	0.306
		Left Tilt	132572	1770.0	0.000	0.153	100	1.00	23.86	24.00	1.033	0.158
		Right Cheek	132572	1770.0	0.020	0.574	100	1.00	23.86	24.00	1.033	0.593
		Right Tilt	132572	1770.0	-0.120	0.227	100	1.00	23.86	24.00	1.033	0.234
	50%RB	Left Cheek	132572	1770.0	0.050	0.265	100	1.00	23.86	24.00	1.033	0.274
		Left Tilt	132572	1770.0	0.020	0.127	100	1.00	23.86	24.00	1.033	0.131
		Right Cheek	132572	1770.0	-0.070	0.537	100	1.00	23.86	24.00	1.033	0.555
		Right Tilt	132572	1770.0	0.190	0.206	100	1.00	23.86	24.00	1.033	0.213
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n77 (BW: 20MHz)	1RB	Front	132572	1770.0	-0.070	0.246	100	1.00	23.86	24.00	1.033	0.254
		Back	132572	1770.0	-0.140	0.383	100	1.00	23.86	24.00	1.033	0.396
		Left	132572	1770.0	-0.100	0.195	100	1.00	23.86	24.00	1.033	0.201
		Right	132572	1770.0	0.040	0.038	100	1.00	23.86	24.00	1.033	0.039
		Top	132572	1770.0	0.100	0.131	100	1.00	23.86	24.00	1.033	0.135
		Bottom	132572	1770.0	-0.180	0.025	100	1.00	23.86	24.00	1.033	0.026
	50%RB	Front	132572	1770.0	0.040	0.214	100	1.00	23.86	24.00	1.033	0.221
		Back	132572	1770.0	0.100	0.307	100	1.00	23.86	24.00	1.033	0.317
		Left	132572	1770.0	-0.070	0.145	100	1.00	23.86	24.00	1.033	0.150
		Right	132572	1770.0	0.170	0.030	100	1.00	23.86	24.00	1.033	0.031
		Top	132572	1770.0	0.030	0.097	100	1.00	23.86	24.00	1.033	0.100
		Bottom	132572	1770.0	0.010	0.011	100	1.00	23.86	24.00	1.033	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)
66-n78 (BW: 20MHz)	1RB	Left Cheek	132572	1770.0	0.040	0.407	100	1.00	23.82	24.00	1.042	0.424
		Left Tilt	132572	1770.0	0.000	0.128	100	1.00	23.82	24.00	1.042	0.133
		Right Cheek	132572	1770.0	0.100	0.578	100	1.00	23.82	24.00	1.042	0.602
		Right Tilt	132572	1770.0	-0.200	0.285	100	1.00	23.82	24.00	1.042	0.297
	50%RB	Left Cheek	132572	1770.0	0.080	0.358	100	1.00	23.82	24.00	1.042	0.373
		Left Tilt	132572	1770.0	-0.190	0.114	100	1.00	23.82	24.00	1.042	0.119
		Right Cheek	132572	1770.0	0.010	0.539	100	1.00	23.82	24.00	1.042	0.562
		Right Tilt	132572	1770.0	-0.070	0.247	100	1.00	23.82	24.00	1.042	0.257
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132572	1770.0	0.100	0.196	100	1.00	23.82	24.00	1.042	0.204
		Back	132572	1770.0	0.080	0.314	100	1.00	23.82	24.00	1.042	0.327
		Left	132572	1770.0	-0.150	0.154	100	1.00	23.82	24.00	1.042	0.161
		Right	132572	1770.0	0.090	0.009	100	1.00	23.82	24.00	1.042	0.009
		Top	132572	1770.0	0.180	0.092	100	1.00	23.82	24.00	1.042	0.096
		Bottom	132572	1770.0	-0.120	0.004	100	1.00	23.82	24.00	1.042	0.004
	50%RB	Front	132572	1770.0	0.030	0.176	100	1.00	23.82	24.00	1.042	0.183
		Back	132572	1770.0	-0.060	0.295	100	1.00	23.82	24.00	1.042	0.307
		Left	132572	1770.0	0.190	0.121	100	1.00	23.82	24.00	1.042	0.126
		Right	132572	1770.0	-0.160	0.004	100	1.00	23.82	24.00	1.042	0.004
		Top	132572	1770.0	0.020	0.067	100	1.00	23.82	24.00	1.042	0.070
		Bottom	132572	1770.0	0.060	0.002	100	1.00	23.82	24.00	1.042	0.002

11.4.4 Results overview of WiFi

Mode	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2.4g (2.4~2.4835) 802.11n(HT20)	Left Cheek	11	2462	-0.050	0.418	100	1.00	23.51	24.00	1.119	0.468
	Left Tilt	11	2462	-0.100	0.421	100	1.00	23.51	24.00	1.119	0.471
	Right Cheek	11	2462	-0.080	0.092	100	1.00	23.51	24.00	1.119	0.103
	Right Tilt	11	2462	0.040	0.153	100	1.00	23.51	24.00	1.119	0.171
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2.4g (2.4~2.4835) 802.11n(HT20)	Front	11	2462	0.090	0.029	100	1.00	23.51	24.00	1.119	0.032
	Back	11	2462	0.000	0.075	100	1.00	23.51	24.00	1.119	0.084
	Left	11	2462	0.180	0.006	100	1.00	23.51	24.00	1.119	0.007
	Right	11	2462	-0.110	0.039	100	1.00	23.51	24.00	1.119	0.044
	Top	11	2462	0.060	0.064	100	1.00	23.51	24.00	1.119	0.072
	Bottom	11	2462	0.050	0.002	100	1.00	23.51	24.00	1.119	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 5180-5240 802.11n- HT20	Left Cheek	48	5240	-0.030	0.061	100	1.00	9.76	10.00	1.057	0.064
	Left Tilt	48	5240	0.140	0.151	100	1.00	9.76	10.00	1.057	0.160
	Right Cheek	48	5240	0.030	0.027	100	1.00	9.76	10.00	1.057	0.029
	Right Tilt	48	5240	0.040	0.078	100	1.00	9.76	10.00	1.057	0.082
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 802.11n- HT20	Front	48	5240	0.010	0.013	100	1.00	9.76	10.00	1.057	0.014
	Back	48	5240	-0.080	0.015	100	1.00	9.76	10.00	1.057	0.016
	Left	48	5240	0.160	0.007	100	1.00	9.76	10.00	1.057	0.007
	Right	48	5240	-0.120	0.010	100	1.00	9.76	10.00	1.057	0.011
	Top	48	5240	0.010	0.011	100	1.00	9.76	10.00	1.057	0.012
	Bottom	48	5240	0.020	0.006	100	1.00	9.76	10.00	1.057	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 Band2 5260-5320 802.11n- HT20	Left Cheek	64	5320	-0.060	0.085	100	1.00	9.89	10.00	1.026	0.087
	Left Tilt	64	5320	0.160	0.139	100	1.00	9.89	10.00	1.026	0.143
	Right Cheek	64	5320	-0.020	0.037	100	1.00	9.89	10.00	1.026	0.038
	Right Tilt	64	5320	0.040	0.064	100	1.00	9.89	10.00	1.026	0.066
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11n- HT20	Front	64	5320	0.010	0.016	100	1.00	9.89	10.00	1.026	0.016
	Back	64	5320	0.030	0.028	100	1.00	9.89	10.00	1.026	0.029
	Left	64	5320	-0.140	0.008	100	1.00	9.89	10.00	1.026	0.008
	Right	64	5320	0.130	0.019	100	1.00	9.89	10.00	1.026	0.019
	Top	64	5320	0.020	0.018	100	1.00	9.89	10.00	1.026	0.018
	Bottom	64	5320	-0.010	0.004	100	1.00	9.89	10.00	1.026	0.004

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Left Cheek	140	5700	-0.040	0.188	100	1.00	13.08	13.50	1.102	0.207
	Left Tilt	140	5700	0.120	0.241	100	1.00	13.08	13.50	1.102	0.265
	Right Cheek	140	5700	0.030	0.104	100	1.00	13.08	13.50	1.102	0.115
	Right Tilt	140	5700	-0.020	0.159	100	1.00	13.08	13.50	1.102	0.175
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Front	140	5700	0.120	0.020	100	1.00	13.08	13.50	1.102	0.022
	Back	140	5700	0.030	0.039	100	1.00	13.08	13.50	1.102	0.043
	Left	140	5700	0.060	0.006	100	1.00	13.08	13.50	1.102	0.007
	Right	140	5700	-0.160	0.026	100	1.00	13.08	13.50	1.102	0.029
	Top	140	5700	0.020	0.030	100	1.00	13.08	13.50	1.102	0.033
	Bottom	140	5700	0.150	0.007	100	1.00	13.08	13.50	1.102	0.008

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11n- HT20	Left Cheek	165	5825	-0.030	0.107	100	1.00	14.95	15.00	1.012	0.108
	Left Tilt	165	5825	0.140	0.259	100	1.00	14.95	15.00	1.012	0.262
	Right Cheek	165	5825	0.050	0.068	100	1.00	14.95	15.00	1.012	0.069
	Right Tilt	165	5825	0.090	0.203	100	1.00	14.95	15.00	1.012	0.205
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11n- HT20	Front	165	5825	0.010	0.019	100	1.00	14.95	15.00	1.012	0.019
	Back	165	5825	-0.080	0.044	100	1.00	14.95	15.00	1.012	0.045
	Left	165	5825	-0.050	0.005	100	1.00	14.95	15.00	1.012	0.005
	Right	165	5825	0.110	0.025	100	1.00	14.95	15.00	1.012	0.025
	Top	165	5825	-0.010	0.020	100	1.00	14.95	15.00	1.012	0.020
	Bottom	165	5825	0.030	0.007	100	1.00	14.95	15.00	1.012	0.007

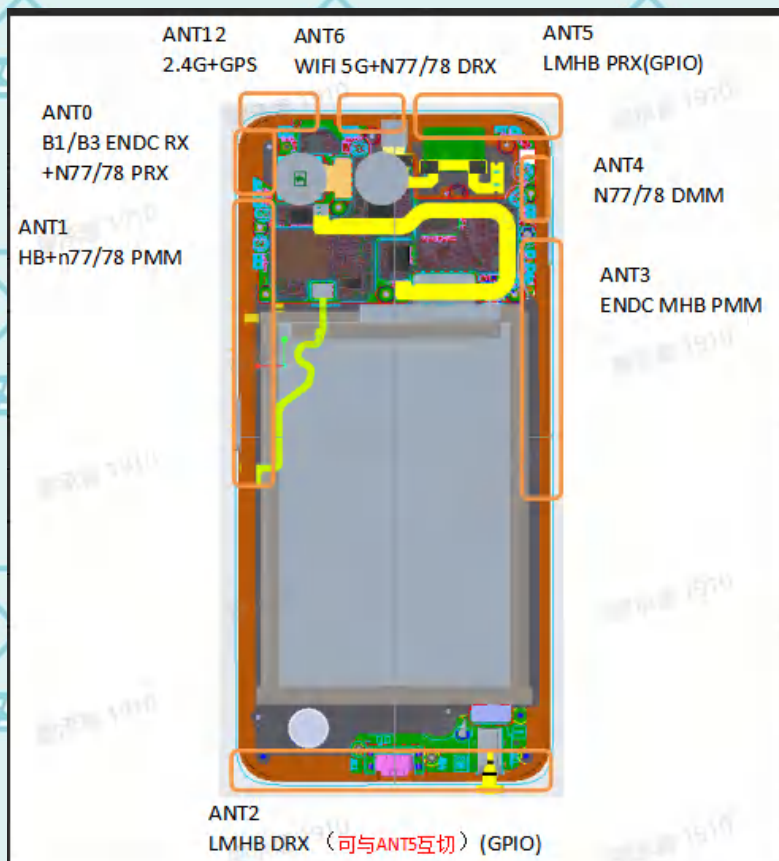
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Left Cheek	39	2441	0.180	0.101	100	1.00	9.70	10.00	1.072	0.108
	Left Tilt	39	2441	-0.010	0.184	100	1.00	9.70	10.00	1.072	0.197
	Right Cheek	39	2441	0.110	0.053	100	1.00	9.70	10.00	1.072	0.057
	Right Tilt	39	2441	0.190	0.073	100	1.00	9.70	10.00	1.072	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	0.150	0.035	100	1.00	9.70	10.00	1.072	0.038
	Back	39	2441	-0.170	0.044	100	1.00	9.70	10.00	1.072	0.047
	Left	39	2441	0.010	0.012	100	1.00	9.70	10.00	1.072	0.013
	Right	39	2441	0.150	0.029	100	1.00	9.70	10.00	1.072	0.031
	Top	39	2441	-0.110	0.033	100	1.00	9.70	10.00	1.072	0.035
	Bottom	39	2441	0.180	0.006	100	1.00	9.70	10.00	1.072	0.006

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 3) 1g(W/kg)			
GSM850 (voice)	Left Cheek	0.425	0.468	0.207	0.108	0.893	1.6
	Left Tilt	0.589	0.471	0.265	0.197	1.060	
	Right Cheek	0.843	0.103	0.115	0.057	0.946	
	Right Tilt	1.019	0.171	0.175	0.078	1.190	
GSM1900 (voice)	Left Cheek	0.098	0.468	0.207	0.108	0.566	
	Left Tilt	0.197	0.471	0.265	0.197	0.668	
	Right Cheek	0.183	0.103	0.115	0.057	0.286	
	Right Tilt	0.366	0.171	0.175	0.078	0.537	
WCDMA Band 2	Left Cheek	0.288	0.468	0.207	0.108	0.756	
	Left Tilt	0.405	0.471	0.265	0.197	0.876	
	Right Cheek	0.564	0.103	0.115	0.057	0.667	
	Right Tilt	0.785	0.171	0.175	0.078	0.956	
WCDMA Band 4	Left Cheek	0.174	0.468	0.207	0.108	0.642	
	Left Tilt	0.334	0.471	0.265	0.197	0.805	
	Right Cheek	0.311	0.103	0.115	0.057	0.414	
	Right Tilt	0.670	0.171	0.175	0.078	0.841	
WCDMA Band 5	Left Cheek	0.280	0.468	0.207	0.108	0.748	
	Left Tilt	0.438	0.471	0.265	0.197	0.909	
	Right Cheek	0.506	0.103	0.115	0.057	0.609	
	Right Tilt	0.698	0.171	0.175	0.078	0.869	

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 3) 1g(W/kg)			
LTE Band 2 QPSK (20MHz)	Left Cheek	1RB	0.203	0.468	0.207	0.108	0.671	1.6
	Left Tilt		0.429	0.471	0.265	0.197	0.900	
	Right Cheek		0.466	0.103	0.115	0.057	0.569	
	Right Tilt		0.745	0.171	0.175	0.078	0.916	
	Left Cheek	50%RB	0.183	0.468	0.207	0.108	0.651	
	Left Tilt		0.375	0.471	0.265	0.197	0.846	
	Right Cheek		0.417	0.103	0.115	0.057	0.520	
	Right Tilt		0.693	0.171	0.175	0.078	0.864	
LTE Band 4 QPSK (20MHz)	Left Cheek	1RB	0.212	0.468	0.207	0.108	0.680	
	Left Tilt		0.366	0.471	0.265	0.197	0.837	
	Right Cheek		0.438	0.103	0.115	0.057	0.541	
	Right Tilt		0.608	0.171	0.175	0.078	0.779	
	Left Cheek	50%RB	0.182	0.468	0.207	0.108	0.650	
	Left Tilt		0.321	0.471	0.265	0.197	0.792	
	Right Cheek		0.398	0.103	0.115	0.057	0.501	
	Right Tilt		0.555	0.171	0.175	0.078	0.726	
LTE Band 5 QPSK (10MHz)	Left Cheek	1RB	0.116	0.468	0.207	0.108	0.584	
	Left Tilt		0.191	0.471	0.265	0.197	0.662	
	Right Cheek		0.287	0.103	0.115	0.057	0.390	
	Right Tilt		0.361	0.171	0.175	0.078	0.532	
	Left Cheek	50%RB	0.100	0.468	0.207	0.108	0.568	
	Left Tilt		0.163	0.471	0.265	0.197	0.634	
	Right Cheek		0.235	0.103	0.115	0.057	0.338	
	Right Tilt		0.328	0.171	0.175	0.078	0.499	
LTE Band 7 QPSK (20MHz)	Left Cheek	1RB	0.142	0.468	0.207	0.108	0.610	
	Left Tilt		0.230	0.471	0.265	0.197	0.701	
	Right Cheek		0.342	0.103	0.115	0.057	0.445	
	Right Tilt		0.502	0.171	0.175	0.078	0.673	
	Left Cheek	50%RB	0.108	0.468	0.207	0.108	0.576	
	Left Tilt		0.195	0.471	0.265	0.197	0.666	
	Right Cheek		0.308	0.103	0.115	0.057	0.411	
	Right Tilt		0.484	0.171	0.175	0.078	0.655	
LTE Band 12 QPSK (10MHz)	Left Cheek	1RB	0.333	0.468	0.207	0.108	0.801	
	Left Tilt		0.571	0.471	0.265	0.197	1.042	
	Right Cheek		0.470	0.103	0.115	0.057	0.573	
	Right Tilt		0.804	0.171	0.175	0.078	0.975	
	Left Cheek	50%RB	0.317	0.468	0.207	0.108	0.785	
	Left Tilt		0.510	0.471	0.265	0.197	0.981	
	Right Cheek		0.418	0.103	0.115	0.057	0.521	
	Right Tilt		0.734	0.171	0.175	0.078	0.905	
LTE Band 17 QPSK (10MHz)	Left Cheek	1RB	0.095	0.468	0.207	0.108	0.563	
	Left Tilt		0.170	0.471	0.265	0.197	0.641	
	Right Cheek		0.301	0.103	0.115	0.057	0.404	
	Right Tilt		0.460	0.171	0.175	0.078	0.631	
	Left Cheek	50%RB	0.086	0.468	0.207	0.108	0.554	
	Left Tilt		0.162	0.471	0.265	0.197	0.633	
	Right Cheek		0.288	0.103	0.115	0.057	0.391	
	Right Tilt		0.444	0.171	0.175	0.078	0.615	

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 3) 1g(W/kg)			
LTE Band 38 QPSK (20MHz)	Left Cheek	1RB	0.137	0.468	0.207	0.108	0.605	1.6
	Left Tilt		0.188	0.471	0.265	0.197	0.659	
	Right Cheek		0.307	0.103	0.115	0.057	0.410	
	Right Tilt		0.465	0.171	0.175	0.078	0.636	
	Left Cheek	50%RB	0.119	0.468	0.207	0.108	0.587	
	Left Tilt		0.175	0.471	0.265	0.197	0.646	
	Right Cheek		0.280	0.103	0.115	0.057	0.383	
	Right Tilt		0.401	0.171	0.175	0.078	0.572	
LTE Band 41 QPSK (20MHz)	Left Cheek	1RB	0.076	0.468	0.207	0.108	0.544	
	Left Tilt		0.143	0.471	0.265	0.197	0.614	
	Right Cheek		0.175	0.103	0.115	0.057	0.278	
	Right Tilt		0.311	0.171	0.175	0.078	0.482	
	Left Cheek	50%RB	0.064	0.468	0.207	0.108	0.532	
	Left Tilt		0.129	0.471	0.265	0.197	0.600	
	Right Cheek		0.158	0.103	0.115	0.057	0.261	
	Right Tilt		0.277	0.171	0.175	0.078	0.448	
LTE Band 42 QPSK (20MHz)	Left Cheek	1RB	0.358	0.468	0.207	0.108	0.826	
	Left Tilt		0.415	0.471	0.265	0.197	0.886	
	Right Cheek		0.134	0.103	0.115	0.057	0.237	
	Right Tilt		0.145	0.171	0.175	0.078	0.316	
	Left Cheek	50%RB	0.314	0.468	0.207	0.108	0.782	
	Left Tilt		0.379	0.471	0.265	0.197	0.850	
	Right Cheek		0.114	0.103	0.115	0.057	0.217	
	Right Tilt		0.125	0.171	0.175	0.078	0.296	
LTE Band 66 QPSK (20MHz)	Left Cheek	1RB	0.185	0.468	0.207	0.108	0.653	
	Left Tilt		0.319	0.471	0.265	0.197	0.790	
	Right Cheek		0.318	0.103	0.115	0.057	0.421	
	Right Tilt		0.629	0.171	0.175	0.078	0.800	
	Left Cheek	50%RB	0.088	0.468	0.207	0.108	0.556	
	Left Tilt		0.293	0.471	0.265	0.197	0.764	
	Right Cheek		0.317	0.103	0.115	0.057	0.420	
	Right Tilt		0.547	0.171	0.175	0.078	0.718	
LTE Band71 (20MHz)	Left Cheek	1RB	0.154	0.468	0.207	0.108	0.622	
	Left Tilt		0.289	0.471	0.265	0.197	0.760	
	Right Cheek		0.202	0.103	0.115	0.057	0.305	
	Right Tilt		0.538	0.171	0.175	0.078	0.709	
	Left Cheek	50%RB	0.127	0.468	0.207	0.108	0.595	
	Left Tilt		0.238	0.471	0.265	0.197	0.709	
	Right Cheek		0.168	0.103	0.115	0.057	0.271	
	Right Tilt		0.424	0.171	0.175	0.078	0.595	
NR Band 5	Left Cheek	1RB	0.219	0.468	0.207	0.108	0.687	
	Left Tilt		0.355	0.471	0.265	0.197	0.826	
	Right Cheek		0.340	0.103	0.115	0.057	0.443	
	Right Tilt		0.500	0.171	0.175	0.078	0.671	
	Left Cheek	50%RB	0.196	0.468	0.207	0.108	0.664	
	Left Tilt		0.304	0.471	0.265	0.197	0.775	
	Right Cheek		0.295	0.103	0.115	0.057	0.398	
	Right Tilt		0.451	0.171	0.175	0.078	0.622	
NR Band 7	Left Cheek	1RB	0.150	0.468	0.207	0.108	0.618	
	Left Tilt		0.216	0.471	0.265	0.197	0.687	
	Right Cheek		0.378	0.103	0.115	0.057	0.481	
	Right Tilt		0.538	0.171	0.175	0.078	0.709	
	Left Cheek	50%RB	0.131	0.468	0.207	0.108	0.599	
	Left Tilt		0.198	0.471	0.265	0.197	0.669	
	Right Cheek		0.333	0.103	0.115	0.057	0.436	
	Right Tilt		0.493	0.171	0.175	0.078	0.664	

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 3) 1g(W/kg)			
NR Band12	Left Cheek	1RB	0.013	0.468	0.207	0.108	0.481	1.6
	Left Tilt		0.069	0.471	0.265	0.197	0.540	
	Right Cheek		0.026	0.103	0.115	0.057	0.129	
	Right Tilt		0.125	0.171	0.175	0.078	0.296	
	Left Cheek	50%RB	0.011	0.468	0.207	0.108	0.479	
	Left Tilt		0.060	0.471	0.265	0.197	0.531	
	Right Cheek		0.022	0.103	0.115	0.057	0.125	
	Right Tilt		0.109	0.171	0.175	0.078	0.280	
NR Band38	Left Cheek	1RB	0.158	0.468	0.207	0.108	0.626	
	Left Tilt		0.331	0.471	0.265	0.197	0.802	
	Right Cheek		0.388	0.103	0.115	0.057	0.491	
	Right Tilt		0.816	0.171	0.175	0.078	0.987	
	Left Cheek	50%RB	0.141	0.468	0.207	0.108	0.609	
	Left Tilt		0.298	0.471	0.265	0.197	0.769	
	Right Cheek		0.349	0.103	0.115	0.057	0.452	
	Right Tilt		0.735	0.171	0.175	0.078	0.906	
NR Band41	Left Cheek	1RB	0.097	0.468	0.207	0.108	0.565	
	Left Tilt		0.240	0.471	0.265	0.197	0.711	
	Right Cheek		0.303	0.103	0.115	0.057	0.406	
	Right Tilt		0.747	0.171	0.175	0.078	0.918	
	Left Cheek	50%RB	0.087	0.468	0.207	0.108	0.555	
	Left Tilt		0.215	0.471	0.265	0.197	0.686	
	Right Cheek		0.273	0.103	0.115	0.057	0.376	
	Right Tilt		0.672	0.171	0.175	0.078	0.843	
NR Band66	Left Cheek	1RB	0.291	0.468	0.207	0.108	0.759	
	Left Tilt		0.486	0.471	0.265	0.197	0.957	
	Right Cheek		0.331	0.103	0.115	0.057	0.434	
	Right Tilt		0.872	0.171	0.175	0.078	1.043	
	Left Cheek	50%RB	0.255	0.468	0.207	0.108	0.723	
	Left Tilt		0.413	0.471	0.265	0.197	0.884	
	Right Cheek		0.500	0.103	0.115	0.057	0.603	
	Right Tilt		0.780	0.171	0.175	0.078	0.951	
NR Band71	Left Cheek	1RB	0.012	0.468	0.207	0.108	0.480	
	Left Tilt		0.046	0.471	0.265	0.197	0.517	
	Right Cheek		0.021	0.103	0.115	0.057	0.124	
	Right Tilt		0.072	0.171	0.175	0.078	0.243	
	Left Cheek	50%RB	0.011	0.468	0.207	0.108	0.479	
	Left Tilt		0.042	0.471	0.265	0.197	0.513	
	Right Cheek		0.019	0.103	0.115	0.057	0.122	
	Right Tilt		0.065	0.171	0.175	0.078	0.236	
NR Band77	Left Cheek	1RB	0.276	0.468	0.207	0.108	0.744	
	Left Tilt		0.341	0.471	0.265	0.197	0.812	
	Right Cheek		0.547	0.103	0.115	0.057	0.650	
	Right Tilt		0.676	0.171	0.175	0.078	0.847	
	Left Cheek	50%RB	0.243	0.468	0.207	0.108	0.711	
	Left Tilt		0.300	0.471	0.265	0.197	0.771	
	Right Cheek		0.482	0.103	0.115	0.057	0.585	
	Right Tilt		0.595	0.171	0.175	0.078	0.766	
NR Band77	Left Cheek	1RB	0.685	0.468	0.207	0.108	1.153	
	Left Tilt		0.723	0.471	0.265	0.197	1.194	
	Right Cheek		0.275	0.103	0.115	0.057	0.378	
	Right Tilt		0.290	0.171	0.175	0.078	0.461	
	Left Cheek	50%RB	0.616	0.468	0.207	0.108	1.084	
	Left Tilt		0.651	0.471	0.265	0.197	1.122	
	Right Cheek		0.247	0.103	0.115	0.057	0.350	
	Right Tilt		0.261	0.171	0.175	0.078	0.432	

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 3) 1g(W/kg)			
NR Band77	Left Cheek	1RB	0.603	0.468	0.207	0.108	1.071	1.6
	Left Tilt		0.581	0.471	0.265	0.197	1.052	
	Right Cheek		0.187	0.103	0.115	0.057	0.290	
	Right Tilt		0.179	0.171	0.175	0.078	0.350	
	Left Cheek	50%RB	0.513	0.468	0.207	0.108	0.981	
	Left Tilt		0.494	0.471	0.265	0.197	0.965	
	Right Cheek		0.159	0.103	0.115	0.057	0.262	
	Right Tilt		0.152	0.171	0.175	0.078	0.323	
NR Band78	Left Cheek	1RB	0.777	0.468	0.207	0.108	1.245	
	Left Tilt		0.661	0.471	0.265	0.197	1.132	
	Right Cheek		0.221	0.103	0.115	0.057	0.324	
	Right Tilt		0.187	0.171	0.175	0.078	0.358	
	Left Cheek	50%RB	0.676	0.468	0.207	0.108	1.144	
	Left Tilt		0.574	0.471	0.265	0.197	1.045	
	Right Cheek		0.193	0.103	0.115	0.057	0.296	
	Right Tilt		0.163	0.171	0.175	0.078	0.334	
NR Band78	Left Cheek	1RB	0.495	0.468	0.207	0.108	0.963	
	Left Tilt		0.652	0.471	0.265	0.197	1.123	
	Right Cheek		0.202	0.103	0.115	0.057	0.305	
	Right Tilt		0.266	0.171	0.175	0.078	0.437	
	Left Cheek	50%RB	0.445	0.468	0.207	0.108	0.913	
	Left Tilt		0.587	0.471	0.265	0.197	1.058	
	Right Cheek		0.181	0.103	0.115	0.057	0.284	
	Right Tilt		0.239	0.171	0.175	0.078	0.410	
NR Band78	Left Cheek	1RB	0.484	0.468	0.207	0.108	0.952	
	Left Tilt		0.519	0.471	0.265	0.197	0.990	
	Right Cheek		0.148	0.103	0.115	0.057	0.251	
	Right Tilt		0.159	0.171	0.175	0.078	0.330	
	Left Cheek	50%RB	0.426	0.468	0.207	0.108	0.894	
	Left Tilt		0.457	0.471	0.265	0.197	0.928	
	Right Cheek		0.130	0.103	0.115	0.057	0.233	
	Right Tilt		0.140	0.171	0.175	0.078	0.311	
2-n7	Left Cheek	1RB	0.397	0.468	0.207	0.108	0.865	
	Left Tilt		0.476	0.471	0.265	0.197	0.947	
	Right Cheek		0.468	0.103	0.115	0.057	0.571	
	Right Tilt		0.577	0.171	0.175	0.078	0.748	
	Left Cheek	50%RB	0.249	0.468	0.207	0.108	0.717	
	Left Tilt		0.309	0.471	0.265	0.197	0.780	
	Right Cheek		0.376	0.103	0.115	0.057	0.479	
	Right Tilt		0.408	0.171	0.175	0.078	0.579	
2-n66	Left Cheek	1RB	0.088	0.468	0.207	0.108	0.556	
	Left Tilt		0.126	0.471	0.265	0.197	0.597	
	Right Cheek		0.108	0.103	0.115	0.057	0.211	
	Right Tilt		0.147	0.171	0.175	0.078	0.318	
	Left Cheek	50%RB	0.054	0.468	0.207	0.108	0.522	
	Left Tilt		0.097	0.471	0.265	0.197	0.568	
	Right Cheek		0.072	0.103	0.115	0.057	0.175	
	Right Tilt		0.120	0.171	0.175	0.078	0.291	
2-n78	Left Cheek	1RB	0.150	0.468	0.207	0.108	0.618	
	Left Tilt		0.115	0.471	0.265	0.197	0.586	
	Right Cheek		0.155	0.103	0.115	0.057	0.258	
	Right Tilt		0.133	0.171	0.175	0.078	0.304	
	Left Cheek	50%RB	0.126	0.468	0.207	0.108	0.594	
	Left Tilt		0.106	0.471	0.265	0.197	0.577	
	Right Cheek		0.138	0.103	0.115	0.057	0.241	
	Right Tilt		0.132	0.171	0.175	0.078	0.303	

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 3) 1g(W/kg)			
4-n7	Left Cheek	1RB	0.620	0.468	0.207	0.108	1.088	1.6
	Left Tilt		0.533	0.471	0.265	0.197	1.004	
	Right Cheek		0.599	0.103	0.115	0.057	0.702	
	Right Tilt		0.453	0.171	0.175	0.078	0.624	
	Left Cheek	50%RB	0.426	0.468	0.207	0.108	0.894	
	Left Tilt		0.319	0.471	0.265	0.197	0.790	
	Right Cheek		0.367	0.103	0.115	0.057	0.470	
	Right Tilt		0.213	0.171	0.175	0.078	0.384	
4-n38	Left Cheek	1RB	0.599	0.468	0.207	0.108	1.067	
	Left Tilt		0.378	0.471	0.265	0.197	0.849	
	Right Cheek		0.477	0.103	0.115	0.057	0.580	
	Right Tilt		0.316	0.171	0.175	0.078	0.487	
	Left Cheek	50%RB	0.486	0.468	0.207	0.108	0.954	
	Left Tilt		0.403	0.471	0.265	0.197	0.874	
	Right Cheek		0.487	0.103	0.115	0.057	0.590	
	Right Tilt		0.288	0.171	0.175	0.078	0.459	
4-n41	Left Cheek	1RB	0.620	0.468	0.207	0.108	1.088	
	Left Tilt		0.358	0.471	0.265	0.197	0.829	
	Right Cheek		0.498	0.103	0.115	0.057	0.601	
	Right Tilt		0.260	0.171	0.175	0.078	0.431	
	Left Cheek	50%RB	0.451	0.468	0.207	0.108	0.919	
	Left Tilt		0.322	0.471	0.265	0.197	0.793	
	Right Cheek		0.346	0.103	0.115	0.057	0.449	
	Right Tilt		0.279	0.171	0.175	0.078	0.450	
4-n78	Left Cheek	1RB	0.597	0.468	0.207	0.108	1.065	
	Left Tilt		0.308	0.471	0.265	0.197	0.779	
	Right Cheek		0.482	0.103	0.115	0.057	0.585	
	Right Tilt		0.250	0.171	0.175	0.078	0.421	
	Left Cheek	50%RB	0.556	0.468	0.207	0.108	1.024	
	Left Tilt		0.275	0.471	0.265	0.197	0.746	
	Right Cheek		0.453	0.103	0.115	0.057	0.556	
	Right Tilt		0.220	0.171	0.175	0.078	0.391	
5-n7	Left Cheek	1RB	0.195	0.468	0.207	0.108	0.663	
	Left Tilt		0.250	0.471	0.265	0.197	0.721	
	Right Cheek		0.216	0.103	0.115	0.057	0.319	
	Right Tilt		0.281	0.171	0.175	0.078	0.452	
	Left Cheek	50%RB	0.133	0.468	0.207	0.108	0.601	
	Left Tilt		0.219	0.471	0.265	0.197	0.690	
	Right Cheek		0.157	0.103	0.115	0.057	0.260	
	Right Tilt		0.226	0.171	0.175	0.078	0.397	
5-n38	Left Cheek	1RB	0.274	0.468	0.207	0.108	0.742	
	Left Tilt		0.232	0.471	0.265	0.197	0.703	
	Right Cheek		0.277	0.103	0.115	0.057	0.380	
	Right Tilt		0.273	0.171	0.175	0.078	0.444	
	Left Cheek	50%RB	0.259	0.468	0.207	0.108	0.727	
	Left Tilt		0.212	0.471	0.265	0.197	0.683	
	Right Cheek		0.249	0.103	0.115	0.057	0.352	
	Right Tilt		0.222	0.171	0.175	0.078	0.393	
5-n41	Left Cheek	1RB	0.280	0.468	0.207	0.108	0.748	
	Left Tilt		0.236	0.471	0.265	0.197	0.707	
	Right Cheek		0.273	0.103	0.115	0.057	0.376	
	Right Tilt		0.222	0.171	0.175	0.078	0.393	
	Left Cheek	50%RB	0.257	0.468	0.207	0.108	0.725	
	Left Tilt		0.187	0.471	0.265	0.197	0.658	
	Right Cheek		0.242	0.103	0.115	0.057	0.345	
	Right Tilt		0.171	0.171	0.175	0.078	0.342	

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 3) 1g(W/kg)			
5-n66	Left Cheek	1RB	0.150	0.468	0.207	0.108	0.618	1.6
	Left Tilt		0.260	0.471	0.265	0.197	0.731	
	Right Cheek		0.175	0.103	0.115	0.057	0.278	
	Right Tilt		0.306	0.171	0.175	0.078	0.477	
	Left Cheek	50%RB	0.123	0.468	0.207	0.108	0.591	
	Left Tilt		0.235	0.471	0.265	0.197	0.706	
	Right Cheek		0.154	0.103	0.115	0.057	0.257	
	Right Tilt		0.271	0.171	0.175	0.078	0.442	
5-n77	Left Cheek	1RB	0.346	0.468	0.207	0.108	0.814	
	Left Tilt		0.330	0.471	0.265	0.197	0.801	
	Right Cheek		0.365	0.103	0.115	0.057	0.468	
	Right Tilt		0.101	0.171	0.175	0.078	0.272	
	Left Cheek	50%RB	0.306	0.468	0.207	0.108	0.774	
	Left Tilt		0.292	0.471	0.265	0.197	0.763	
	Right Cheek		0.319	0.103	0.115	0.057	0.422	
	Right Tilt		0.087	0.171	0.175	0.078	0.258	
5-n78	Left Cheek	1RB	0.345	0.468	0.207	0.108	0.813	
	Left Tilt		0.306	0.471	0.265	0.197	0.777	
	Right Cheek		0.388	0.103	0.115	0.057	0.491	
	Right Tilt		0.118	0.171	0.175	0.078	0.289	
	Left Cheek	50%RB	0.328	0.468	0.207	0.108	0.796	
	Left Tilt		0.240	0.471	0.265	0.197	0.711	
	Right Cheek		0.347	0.103	0.115	0.057	0.450	
	Right Tilt		0.087	0.171	0.175	0.078	0.258	
7-n7	Left Cheek	1RB	0.193	0.468	0.207	0.108	0.661	
	Left Tilt		0.235	0.471	0.265	0.197	0.706	
	Right Cheek		0.208	0.103	0.115	0.057	0.311	
	Right Tilt		0.278	0.171	0.175	0.078	0.449	
	Left Cheek	50%RB	0.170	0.468	0.207	0.108	0.638	
	Left Tilt		0.210	0.471	0.265	0.197	0.681	
	Right Cheek		0.192	0.103	0.115	0.057	0.295	
	Right Tilt		0.241	0.171	0.175	0.078	0.412	
7-n66	Left Cheek	1RB	0.092	0.468	0.207	0.108	0.560	
	Left Tilt		0.135	0.471	0.265	0.197	0.606	
	Right Cheek		0.118	0.103	0.115	0.057	0.221	
	Right Tilt		0.161	0.171	0.175	0.078	0.332	
	Left Cheek	50%RB	0.072	0.468	0.207	0.108	0.540	
	Left Tilt		0.112	0.471	0.265	0.197	0.583	
	Right Cheek		0.103	0.103	0.115	0.057	0.206	
	Right Tilt		0.139	0.171	0.175	0.078	0.310	
7-n77	Left Cheek	1RB	0.220	0.468	0.207	0.108	0.688	
	Left Tilt		0.071	0.471	0.265	0.197	0.542	
	Right Cheek		0.175	0.103	0.115	0.057	0.278	
	Right Tilt		0.060	0.171	0.175	0.078	0.231	
	Left Cheek	50%RB	0.182	0.468	0.207	0.108	0.650	
	Left Tilt		0.063	0.471	0.265	0.197	0.534	
	Right Cheek		0.148	0.103	0.115	0.057	0.251	
	Right Tilt		0.050	0.171	0.175	0.078	0.221	
7-n78	Left Cheek	1RB	0.116	0.468	0.207	0.108	0.584	
	Left Tilt		0.067	0.471	0.265	0.197	0.538	
	Right Cheek		0.098	0.103	0.115	0.057	0.201	
	Right Tilt		0.050	0.171	0.175	0.078	0.221	
	Left Cheek	50%RB	0.092	0.468	0.207	0.108	0.560	
	Left Tilt		0.049	0.471	0.265	0.197	0.520	
	Right Cheek		0.082	0.103	0.115	0.057	0.185	
	Right Tilt		0.038	0.171	0.175	0.078	0.209	

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 3) 1g(W/kg)			
38-n78	Left Cheek	1RB	0.073	0.468	0.207	0.108	0.541	1.6
	Left Tilt		0.130	0.471	0.265	0.197	0.601	
	Right Cheek		0.062	0.103	0.115	0.057	0.165	
	Right Tilt		0.084	0.171	0.175	0.078	0.255	
	Left Cheek	50%RB	0.050	0.468	0.207	0.108	0.518	
	Left Tilt		0.083	0.471	0.265	0.197	0.554	
	Right Cheek		0.045	0.103	0.115	0.057	0.148	
	Right Tilt		0.065	0.171	0.175	0.078	0.236	
41-n41	Left Cheek	1RB	0.079	0.468	0.207	0.108	0.547	
	Left Tilt		0.091	0.471	0.265	0.197	0.562	
	Right Cheek		0.046	0.103	0.115	0.057	0.149	
	Right Tilt		0.066	0.171	0.175	0.078	0.237	
	Left Cheek	50%RB	0.049	0.468	0.207	0.108	0.517	
	Left Tilt		0.067	0.471	0.265	0.197	0.538	
	Right Cheek		0.030	0.103	0.115	0.057	0.133	
	Right Tilt		0.036	0.171	0.175	0.078	0.207	
41-n77	Left Cheek	1RB	0.068	0.468	0.207	0.108	0.536	
	Left Tilt		0.083	0.471	0.265	0.197	0.554	
	Right Cheek		0.024	0.103	0.115	0.057	0.127	
	Right Tilt		0.034	0.171	0.175	0.078	0.205	
	Left Cheek	50%RB	0.054	0.468	0.207	0.108	0.522	
	Left Tilt		0.074	0.471	0.265	0.197	0.545	
	Right Cheek		0.018	0.103	0.115	0.057	0.121	
	Right Tilt		0.025	0.171	0.175	0.078	0.196	
41-n78	Left Cheek	1RB	0.088	0.468	0.207	0.108	0.556	
	Left Tilt		0.120	0.471	0.265	0.197	0.591	
	Right Cheek		0.061	0.103	0.115	0.057	0.164	
	Right Tilt		0.097	0.171	0.175	0.078	0.268	
	Left Cheek	50%RB	0.072	0.468	0.207	0.108	0.540	
	Left Tilt		0.093	0.471	0.265	0.197	0.564	
	Right Cheek		0.052	0.103	0.115	0.057	0.155	
	Right Tilt		0.077	0.171	0.175	0.078	0.248	
66-n7	Left Cheek	1RB	0.539	0.468	0.207	0.108	1.007	
	Left Tilt		0.310	0.471	0.265	0.197	0.781	
	Right Cheek		0.598	0.103	0.115	0.057	0.701	
	Right Tilt		0.393	0.171	0.175	0.078	0.564	
	Left Cheek	50%RB	0.503	0.468	0.207	0.108	0.971	
	Left Tilt		0.276	0.471	0.265	0.197	0.747	
	Right Cheek		0.564	0.103	0.115	0.057	0.667	
	Right Tilt		0.370	0.171	0.175	0.078	0.541	
66-n38	Left Cheek	1RB	0.429	0.468	0.207	0.108	0.897	
	Left Tilt		0.265	0.471	0.265	0.197	0.736	
	Right Cheek		0.570	0.103	0.115	0.057	0.673	
	Right Tilt		0.299	0.171	0.175	0.078	0.470	
	Left Cheek	50%RB	0.414	0.468	0.207	0.108	0.882	
	Left Tilt		0.237	0.471	0.265	0.197	0.708	
	Right Cheek		0.531	0.103	0.115	0.057	0.634	
	Right Tilt		0.263	0.171	0.175	0.078	0.434	
66-n41	Left Cheek	1RB	0.491	0.468	0.207	0.108	0.959	
	Left Tilt		0.296	0.471	0.265	0.197	0.767	
	Right Cheek		0.604	0.103	0.115	0.057	0.707	
	Right Tilt		0.416	0.171	0.175	0.078	0.587	
	Left Cheek	50%RB	0.467	0.468	0.207	0.108	0.935	
	Left Tilt		0.270	0.471	0.265	0.197	0.741	
	Right Cheek		0.580	0.103	0.115	0.057	0.683	
	Right Tilt		0.367	0.171	0.175	0.078	0.538	

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 3) 1g(W/kg)			
66-n66	Left Cheek	1RB	0.210	0.468	0.207	0.108	0.678	1.6
	Left Tilt		0.130	0.471	0.265	0.197	0.601	
	Right Cheek		0.472	0.103	0.115	0.057	0.575	
	Right Tilt		0.295	0.171	0.175	0.078	0.466	
	Left Cheek	50%RB	0.169	0.468	0.207	0.108	0.637	
	Left Tilt		0.105	0.471	0.265	0.197	0.576	
	Right Cheek		0.319	0.103	0.115	0.057	0.422	
	Right Tilt		0.209	0.171	0.175	0.078	0.380	
66-n77	Left Cheek	1RB	0.306	0.468	0.207	0.108	0.774	
	Left Tilt		0.158	0.471	0.265	0.197	0.629	
	Right Cheek		0.593	0.103	0.115	0.057	0.696	
	Right Tilt		0.234	0.171	0.175	0.078	0.405	
	Left Cheek	50%RB	0.274	0.468	0.207	0.108	0.742	
	Left Tilt		0.131	0.471	0.265	0.197	0.602	
	Right Cheek		0.555	0.103	0.115	0.057	0.658	
	Right Tilt		0.213	0.171	0.175	0.078	0.384	
66-n78	Left Cheek	1RB	0.424	0.468	0.207	0.108	0.892	
	Left Tilt		0.133	0.471	0.265	0.197	0.604	
	Right Cheek		0.602	0.103	0.115	0.057	0.705	
	Right Tilt		0.297	0.171	0.175	0.078	0.468	
	Left Cheek	50%RB	0.373	0.468	0.207	0.108	0.841	
	Left Tilt		0.119	0.471	0.265	0.197	0.590	
	Right Cheek		0.562	0.103	0.115	0.057	0.665	
	Right Tilt		0.257	0.171	0.175	0.078	0.428	

Hotspot(body-worn10mm)

Band	Test Position	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
GSM850 (GPRS 4slots)	Front	0.489	0.032	0.019	0.038	0.521	1.6
	Back	0.669	0.084	0.045	0.047	0.753	
	Left	0.449	0.007	0.005	0.013	0.456	
	Right	0.130	0.044	0.025	0.031	0.174	
	Top	0.468	0.072	0.020	0.035	0.540	
	Bottom	0.021	0.002	0.007	0.006	0.023	
GSM1900 (GPRS 4slots)	Front	0.834	0.032	0.019	0.038	0.866	
	Back	1.373	0.084	0.045	0.047	1.457	
	Left	0.902	0.007	0.005	0.013	0.909	
	Right	0.381	0.044	0.025	0.031	0.425	
	Top	1.221	0.072	0.020	0.035	1.293	
	Bottom	0.053	0.002	0.007	0.006	0.055	
WCDMA Band 2	Front	0.090	0.032	0.019	0.038	0.122	
	Back	0.157	0.084	0.045	0.047	0.241	
	Left	0.098	0.007	0.005	0.013	0.105	
	Right	0.034	0.044	0.025	0.031	0.078	
	Top	0.129	0.072	0.020	0.035	0.201	
	Bottom	0.003	0.002	0.007	0.006	0.005	
WCDMA Band 4	Front	0.073	0.032	0.019	0.038	0.105	
	Back	0.130	0.084	0.045	0.047	0.214	
	Left	0.085	0.007	0.005	0.013	0.092	
	Right	0.032	0.044	0.025	0.031	0.076	
	Top	0.110	0.072	0.020	0.035	0.182	
	Bottom	0.002	0.002	0.007	0.006	0.004	
WCDMA Band 5	Front	0.107	0.032	0.019	0.038	0.139	
	Back	0.145	0.084	0.045	0.047	0.229	
	Left	0.099	0.007	0.005	0.013	0.106	
	Right	0.028	0.044	0.025	0.031	0.072	
	Top	0.096	0.072	0.020	0.035	0.168	
	Bottom	0.003	0.002	0.007	0.006	0.005	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
LTE Band 2	Front	1RB	0.044	0.032	0.019	0.038	0.076	1.6
	Back		0.072	0.084	0.045	0.047	0.156	
	Left		0.052	0.007	0.005	0.013	0.059	
	Right		0.012	0.044	0.025	0.031	0.056	
	Top		0.061	0.072	0.020	0.035	0.133	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.038	0.032	0.019	0.038	0.070	
	Back		0.063	0.084	0.045	0.047	0.147	
	Left		0.043	0.007	0.005	0.013	0.050	
	Right		0.008	0.044	0.025	0.031	0.052	
	Top		0.052	0.072	0.020	0.035	0.124	
	Bottom		0.002	0.002	0.007	0.006	0.004	
LTE Band 4	Front	1RB	0.069	0.032	0.019	0.038	0.101	
	Back		0.111	0.084	0.045	0.047	0.195	
	Left		0.063	0.007	0.005	0.013	0.070	
	Right		0.014	0.044	0.025	0.031	0.058	
	Top		0.090	0.072	0.020	0.035	0.162	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.054	0.032	0.019	0.038	0.086	
	Back		0.095	0.084	0.045	0.047	0.179	
	Left		0.052	0.007	0.005	0.013	0.059	
	Right		0.009	0.044	0.025	0.031	0.053	
	Top		0.078	0.072	0.020	0.035	0.150	
	Bottom		0.003	0.002	0.007	0.006	0.005	
LTE Band 5	Front	1RB	0.096	0.032	0.019	0.038	0.128	
	Back		0.120	0.084	0.045	0.047	0.204	
	Left		0.080	0.007	0.005	0.013	0.087	
	Right		0.056	0.044	0.025	0.031	0.100	
	Top		0.082	0.072	0.020	0.035	0.154	
	Bottom		0.008	0.002	0.007	0.006	0.010	
	Front	50%RB	0.077	0.032	0.019	0.038	0.109	
	Back		0.111	0.084	0.045	0.047	0.195	
	Left		0.065	0.007	0.005	0.013	0.072	
	Right		0.049	0.044	0.025	0.031	0.093	
	Top		0.076	0.072	0.020	0.035	0.148	
	Bottom		0.003	0.002	0.007	0.006	0.005	
LTE Band 7	Front	1RB	0.044	0.032	0.019	0.038	0.076	
	Back		0.072	0.084	0.045	0.047	0.156	
	Left		0.052	0.007	0.005	0.013	0.059	
	Right		0.012	0.044	0.025	0.031	0.056	
	Top		0.061	0.072	0.020	0.035	0.133	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.038	0.032	0.019	0.038	0.070	
	Back		0.063	0.084	0.045	0.047	0.147	
	Left		0.043	0.007	0.005	0.013	0.050	
	Right		0.008	0.044	0.025	0.031	0.052	
	Top		0.052	0.072	0.020	0.035	0.124	
	Bottom		0.002	0.002	0.007	0.006	0.004	
LTE Band 12	Front	1RB	0.069	0.032	0.019	0.038	0.101	
	Back		0.111	0.084	0.045	0.047	0.195	
	Left		0.063	0.007	0.005	0.013	0.070	
	Right		0.014	0.044	0.025	0.031	0.058	
	Top		0.090	0.072	0.020	0.035	0.162	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.054	0.032	0.019	0.038	0.086	
	Back		0.095	0.084	0.045	0.047	0.179	
	Left		0.052	0.007	0.005	0.013	0.059	
	Right		0.009	0.044	0.025	0.031	0.053	
	Top		0.078	0.072	0.020	0.035	0.150	
	Bottom		0.003	0.002	0.007	0.006	0.005	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
LTE Band 17	Front	1RB	0.036	0.032	0.019	0.038	0.068	1.6
	Back		0.066	0.084	0.045	0.047	0.150	
	Left		0.040	0.007	0.005	0.013	0.047	
	Right		0.010	0.044	0.025	0.031	0.054	
	Top		0.052	0.072	0.020	0.035	0.124	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.032	0.032	0.019	0.038	0.064	
	Back		0.054	0.084	0.045	0.047	0.138	
	Left		0.034	0.007	0.005	0.013	0.041	
	Right		0.006	0.044	0.025	0.031	0.050	
	Top		0.038	0.072	0.020	0.035	0.110	
	Bottom		0.002	0.002	0.007	0.006	0.004	
LTE Band 38	Front	1RB	0.086	0.032	0.019	0.038	0.118	
	Back		0.103	0.084	0.045	0.047	0.187	
	Left		0.061	0.007	0.005	0.013	0.068	
	Right		0.017	0.044	0.025	0.031	0.061	
	Top		0.091	0.072	0.020	0.035	0.163	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.056	0.032	0.019	0.038	0.088	
	Back		0.095	0.084	0.045	0.047	0.179	
	Left		0.052	0.007	0.005	0.013	0.059	
	Right		0.014	0.044	0.025	0.031	0.058	
	Top		0.077	0.072	0.020	0.035	0.149	
	Bottom		0.003	0.002	0.007	0.006	0.005	
LTE Band 41	Front	1RB	0.030	0.032	0.019	0.038	0.062	
	Back		0.058	0.084	0.045	0.047	0.142	
	Left		0.037	0.007	0.005	0.013	0.044	
	Right		0.008	0.044	0.025	0.031	0.052	
	Top		0.047	0.072	0.020	0.035	0.119	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.026	0.032	0.019	0.038	0.058	
	Back		0.049	0.084	0.045	0.047	0.133	
	Left		0.032	0.007	0.005	0.013	0.039	
	Right		0.006	0.044	0.025	0.031	0.050	
	Top		0.040	0.072	0.020	0.035	0.112	
	Bottom		0.002	0.002	0.007	0.006	0.004	
LTE Band 42	Front	1RB	0.086	0.032	0.019	0.038	0.118	
	Back		0.154	0.084	0.045	0.047	0.238	
	Left		0.021	0.007	0.005	0.013	0.028	
	Right		0.094	0.044	0.025	0.031	0.138	
	Top		0.102	0.072	0.020	0.035	0.174	
	Bottom		0.005	0.002	0.007	0.006	0.007	
	Front	50%RB	0.075	0.032	0.019	0.038	0.107	
	Back		0.140	0.084	0.045	0.047	0.224	
	Left		0.015	0.007	0.005	0.013	0.022	
	Right		0.084	0.044	0.025	0.031	0.128	
	Top		0.093	0.072	0.020	0.035	0.165	
	Bottom		0.002	0.002	0.007	0.006	0.004	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
LTE Band 66	Front	1RB	0.071	0.032	0.019	0.038	0.103	1.6
	Back		0.111	0.084	0.045	0.047	0.195	
	Left		0.075	0.007	0.005	0.013	0.082	
	Right		0.019	0.044	0.025	0.031	0.063	
	Top		0.097	0.072	0.020	0.035	0.169	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.062	0.032	0.019	0.038	0.094	
	Back		0.100	0.084	0.045	0.047	0.184	
	Left		0.065	0.007	0.005	0.013	0.072	
	Right		0.014	0.044	0.025	0.031	0.058	
	Top		0.092	0.072	0.020	0.035	0.164	
	Bottom		0.002	0.002	0.007	0.006	0.004	
LTE Band 71	Front	1RB	0.185	0.032	0.019	0.038	0.217	
	Back		0.256	0.084	0.045	0.047	0.340	
	Left		0.109	0.007	0.005	0.013	0.116	
	Right		0.175	0.044	0.025	0.031	0.219	
	Top		0.159	0.072	0.020	0.035	0.231	
	Bottom		0.007	0.002	0.007	0.006	0.009	
	Front	50%RB	0.146	0.032	0.019	0.038	0.178	
	Back		0.200	0.084	0.045	0.047	0.284	
	Left		0.090	0.007	0.005	0.013	0.097	
	Right		0.150	0.044	0.025	0.031	0.194	
	Top		0.133	0.072	0.020	0.035	0.205	
	Bottom		0.006	0.002	0.007	0.006	0.008	
N5	Front	1RB	0.056	0.032	0.019	0.038	0.088	
	Back		0.075	0.084	0.045	0.047	0.159	
	Left		0.050	0.007	0.005	0.013	0.057	
	Right		0.009	0.044	0.025	0.031	0.053	
	Top		0.043	0.072	0.020	0.035	0.115	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.051	0.032	0.019	0.038	0.083	
	Back		0.067	0.084	0.045	0.047	0.151	
	Left		0.040	0.007	0.005	0.013	0.047	
	Right		0.006	0.044	0.025	0.031	0.050	
	Top		0.039	0.072	0.020	0.035	0.111	
	Bottom		0.002	0.002	0.007	0.006	0.004	
N7	Front	1RB	0.091	0.032	0.019	0.038	0.123	
	Back		0.138	0.084	0.045	0.047	0.222	
	Left		0.105	0.007	0.005	0.013	0.112	
	Right		0.027	0.044	0.025	0.031	0.071	
	Top		0.123	0.072	0.020	0.035	0.195	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.083	0.032	0.019	0.038	0.115	
	Back		0.121	0.084	0.045	0.047	0.205	
	Left		0.099	0.007	0.005	0.013	0.106	
	Right		0.019	0.044	0.025	0.031	0.063	
	Top		0.107	0.072	0.020	0.035	0.179	
	Bottom		0.003	0.002	0.007	0.006	0.005	
N12	Front	1RB	0.013	0.032	0.019	0.038	0.045	
	Back		0.020	0.084	0.045	0.047	0.104	
	Left		0.012	0.007	0.005	0.013	0.019	
	Right		0.010	0.044	0.025	0.031	0.054	
	Top		0.017	0.072	0.020	0.035	0.089	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.011	0.032	0.019	0.038	0.043	
	Back		0.018	0.084	0.045	0.047	0.102	
	Left		0.011	0.007	0.005	0.013	0.018	
	Right		0.009	0.044	0.025	0.031	0.053	
	Top		0.014	0.072	0.020	0.035	0.086	
	Bottom		0.002	0.002	0.007	0.006	0.004	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
N38	Front	1RB	0.110	0.032	0.019	0.038	0.142	1.6
	Back		0.186	0.084	0.045	0.047	0.270	
	Left		0.125	0.007	0.005	0.013	0.132	
	Right		0.063	0.044	0.025	0.031	0.107	
	Top		0.131	0.072	0.020	0.035	0.203	
	Bottom		0.008	0.002	0.007	0.006	0.010	
	Front	50%RB	0.100	0.032	0.019	0.038	0.132	
	Back		0.168	0.084	0.045	0.047	0.252	
	Left		0.113	0.007	0.005	0.013	0.120	
	Right		0.057	0.044	0.025	0.031	0.101	
	Top		0.118	0.072	0.020	0.035	0.190	
	Bottom		0.006	0.002	0.007	0.006	0.008	
N41	Front	1RB	0.249	0.032	0.019	0.038	0.281	
	Back		0.371	0.084	0.045	0.047	0.455	
	Left		0.253	0.007	0.005	0.013	0.260	
	Right		0.078	0.044	0.025	0.031	0.122	
	Top		0.260	0.072	0.020	0.035	0.332	
	Bottom		0.009	0.002	0.007	0.006	0.011	
	Front	50%RB	0.224	0.032	0.019	0.038	0.256	
	Back		0.334	0.084	0.045	0.047	0.418	
	Left		0.228	0.007	0.005	0.013	0.235	
	Right		0.070	0.044	0.025	0.031	0.114	
	Top		0.234	0.072	0.020	0.035	0.306	
	Bottom		0.008	0.002	0.007	0.006	0.010	
N66	Front	1RB	0.101	0.032	0.019	0.038	0.133	
	Back		0.155	0.084	0.045	0.047	0.239	
	Left		0.107	0.007	0.005	0.013	0.114	
	Right		0.026	0.044	0.025	0.031	0.070	
	Top		0.134	0.072	0.020	0.035	0.206	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.086	0.032	0.019	0.038	0.118	
	Back		0.144	0.084	0.045	0.047	0.228	
	Left		0.093	0.007	0.005	0.013	0.100	
	Right		0.019	0.044	0.025	0.031	0.063	
	Top		0.129	0.072	0.020	0.035	0.201	
	Bottom		0.002	0.002	0.007	0.006	0.004	
N71	Front	1RB	0.004	0.032	0.019	0.038	0.036	
	Back		0.006	0.084	0.045	0.047	0.090	
	Left		0.003	0.007	0.005	0.013	0.010	
	Right		0.002	0.044	0.025	0.031	0.046	
	Top		0.006	0.072	0.020	0.035	0.078	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.004	0.032	0.019	0.038	0.036	
	Back		0.006	0.084	0.045	0.047	0.090	
	Left		0.003	0.007	0.005	0.013	0.010	
	Right		0.002	0.044	0.025	0.031	0.046	
	Top		0.006	0.072	0.020	0.035	0.078	
	Bottom		0.002	0.002	0.007	0.006	0.004	
N77	Front	1RB	0.201	0.032	0.019	0.038	0.233	
	Back		0.319	0.084	0.045	0.047	0.403	
	Left		0.213	0.007	0.005	0.013	0.220	
	Right		0.147	0.044	0.025	0.031	0.191	
	Top		0.191	0.072	0.020	0.035	0.263	
	Bottom		0.011	0.002	0.007	0.006	0.013	
	Front	50%RB	0.177	0.032	0.019	0.038	0.209	
	Back		0.281	0.084	0.045	0.047	0.365	
	Left		0.188	0.007	0.005	0.013	0.195	
	Right		0.130	0.044	0.025	0.031	0.174	
	Top		0.168	0.072	0.020	0.035	0.240	
	Bottom		0.010	0.002	0.007	0.006	0.012	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
N77	Front	1RB	0.253	0.032	0.019	0.038	0.285	1.6
	Back		0.423	0.084	0.045	0.047	0.507	
	Left		0.085	0.007	0.005	0.013	0.092	
	Right		0.284	0.044	0.025	0.031	0.328	
	Top		0.296	0.072	0.020	0.035	0.368	
	Bottom		0.013	0.002	0.007	0.006	0.015	
	Front	50%RB	0.228	0.032	0.019	0.038	0.260	
	Back		0.381	0.084	0.045	0.047	0.465	
	Left		0.076	0.007	0.005	0.013	0.083	
	Right		0.256	0.044	0.025	0.031	0.300	
	Top		0.266	0.072	0.020	0.035	0.338	
N77	Bottom	1RB	0.012	0.002	0.007	0.006	0.014	
	Front		0.213	0.032	0.019	0.038	0.245	
	Back		0.327	0.084	0.045	0.047	0.411	
	Left		0.071	0.007	0.005	0.013	0.078	
	Right		0.228	0.044	0.025	0.031	0.272	
	Top		0.216	0.072	0.020	0.035	0.288	
	Bottom		0.008	0.002	0.007	0.006	0.010	
	Front	50%RB	0.181	0.032	0.019	0.038	0.213	
	Back		0.278	0.084	0.045	0.047	0.362	
	Left		0.060	0.007	0.005	0.013	0.067	
	Right		0.194	0.044	0.025	0.031	0.238	
	Top		0.184	0.072	0.020	0.035	0.256	
N78	Bottom	1RB	0.007	0.002	0.007	0.006	0.009	
	Front		0.246	0.032	0.019	0.038	0.278	
	Back		0.391	0.084	0.045	0.047	0.475	
	Left		0.074	0.007	0.005	0.013	0.081	
	Right		0.266	0.044	0.025	0.031	0.310	
	Top		0.258	0.072	0.020	0.035	0.330	
	Bottom	50%RB	0.013	0.002	0.007	0.006	0.015	
	Front		0.214	0.032	0.019	0.038	0.246	
	Back		0.340	0.084	0.045	0.047	0.424	
	Left		0.065	0.007	0.005	0.013	0.072	
	Right		0.231	0.044	0.025	0.031	0.275	
N78	Top	1RB	0.224	0.072	0.020	0.035	0.296	
	Bottom		0.011	0.002	0.007	0.006	0.013	
	Front		0.200	0.032	0.019	0.038	0.232	
	Back		0.328	0.084	0.045	0.047	0.412	
	Left		0.090	0.007	0.005	0.013	0.097	
	Right		0.219	0.044	0.025	0.031	0.263	
	Top	50%RB	0.213	0.072	0.020	0.035	0.285	
	Bottom		0.010	0.002	0.007	0.006	0.012	
	Front		0.180	0.032	0.019	0.038	0.212	
	Back		0.295	0.084	0.045	0.047	0.379	
N78	Left	1RB	0.081	0.007	0.005	0.013	0.088	
	Right		0.198	0.044	0.025	0.031	0.242	
	Top		0.192	0.072	0.020	0.035	0.264	
	Bottom		0.009	0.002	0.007	0.006	0.011	
	Front	50%RB	0.176	0.032	0.019	0.038	0.208	
	Back		0.262	0.084	0.045	0.047	0.346	
	Left		0.192	0.007	0.005	0.013	0.199	
	Right		0.192	0.044	0.025	0.031	0.236	
	Top		0.199	0.072	0.020	0.035	0.271	
	Bottom	1RB	0.010	0.002	0.007	0.006	0.012	
N78	Front		0.155	0.032	0.019	0.038	0.187	
	Back		0.231	0.084	0.045	0.047	0.315	
	Left		0.169	0.007	0.005	0.013	0.176	
	Right		0.169	0.044	0.025	0.031	0.213	
	Top	50%RB	0.175	0.072	0.020	0.035	0.247	
	Bottom		0.009	0.002	0.007	0.006	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 4) 1g(W/kg)			
2-n7	Front	1RB	0.129	0.032	0.019	0.038	0.161	1.6
	Back		0.181	0.084	0.045	0.047	0.265	
	Left		0.097	0.007	0.005	0.013	0.104	
	Right		0.005	0.044	0.025	0.031	0.049	
	Top		0.063	0.072	0.020	0.035	0.135	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.085	0.032	0.019	0.038	0.117	
	Back		0.126	0.084	0.045	0.047	0.210	
	Left		0.062	0.007	0.005	0.013	0.069	
	Right		0.004	0.044	0.025	0.031	0.048	
	Top		0.031	0.072	0.020	0.035	0.103	
2-n66	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	1RB	0.421	0.032	0.019	0.038	0.453	
	Back		0.510	0.084	0.045	0.047	0.594	
	Left		0.232	0.007	0.005	0.013	0.239	
	Right		0.023	0.044	0.025	0.031	0.067	
	Top		0.171	0.072	0.020	0.035	0.243	
	Bottom		0.014	0.002	0.007	0.006	0.016	
	Front	50%RB	0.374	0.032	0.019	0.038	0.406	
	Back		0.419	0.084	0.045	0.047	0.503	
	Left		0.179	0.007	0.005	0.013	0.186	
	Right		0.016	0.044	0.025	0.031	0.060	
	Top		0.103	0.072	0.020	0.035	0.175	
2-n78	Bottom		0.009	0.002	0.007	0.006	0.011	
	Front	1RB	0.114	0.032	0.019	0.038	0.146	
	Back		0.141	0.084	0.045	0.047	0.225	
	Left		0.086	0.007	0.005	0.013	0.093	
	Right		0.023	0.044	0.025	0.031	0.067	
	Top		0.061	0.072	0.020	0.035	0.133	
	Bottom		0.016	0.002	0.007	0.006	0.018	
	Front	50%RB	0.085	0.032	0.019	0.038	0.117	
	Back		0.101	0.084	0.045	0.047	0.185	
	Left		0.062	0.007	0.005	0.013	0.069	
	Right		0.012	0.044	0.025	0.031	0.056	
	Top		0.041	0.072	0.020	0.035	0.113	
4-n7	Bottom		0.009	0.002	0.007	0.006	0.011	
	Front	1RB	0.338	0.032	0.019	0.038	0.370	
	Back		0.429	0.084	0.045	0.047	0.513	
	Left		0.220	0.007	0.005	0.013	0.227	
	Right		0.012	0.044	0.025	0.031	0.056	
	Top		0.019	0.072	0.020	0.035	0.091	
	Bottom		0.007	0.002	0.007	0.006	0.009	
	Front	50%RB	0.241	0.032	0.019	0.038	0.273	
	Back		0.324	0.084	0.045	0.047	0.408	
	Left		0.155	0.007	0.005	0.013	0.162	
	Right		0.008	0.044	0.025	0.031	0.052	
4-n38	Top		0.013	0.072	0.020	0.035	0.085	
	Bottom		0.004	0.002	0.007	0.006	0.006	
	Front	1RB	0.331	0.032	0.019	0.038	0.363	
	Back		0.407	0.084	0.045	0.047	0.491	
	Left		0.235	0.007	0.005	0.013	0.242	
	Right		0.011	0.044	0.025	0.031	0.055	
	Top		0.194	0.072	0.020	0.035	0.266	
	Bottom		0.006	0.002	0.007	0.006	0.008	
	Front	50%RB	0.210	0.032	0.019	0.038	0.242	
	Back		0.310	0.084	0.045	0.047	0.394	
	Left		0.170	0.007	0.005	0.013	0.177	
	Right		0.008	0.044	0.025	0.031	0.052	
	Top		0.120	0.072	0.020	0.035	0.192	
	Bottom		0.004	0.002	0.007	0.006	0.006	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
4-n41	Front	1RB	0.313	0.032	0.019	0.038	0.345	1.6
	Back		0.413	0.084	0.045	0.047	0.497	
	Left		0.219	0.007	0.005	0.013	0.226	
	Right		0.024	0.044	0.025	0.031	0.068	
	Top		0.186	0.072	0.020	0.035	0.258	
	Bottom		0.015	0.002	0.007	0.006	0.017	
	Front	50%RB	0.279	0.032	0.019	0.038	0.311	
	Back		0.360	0.084	0.045	0.047	0.444	
	Left		0.173	0.007	0.005	0.013	0.180	
	Right		0.016	0.044	0.025	0.031	0.060	
	Top		0.111	0.072	0.020	0.035	0.183	
	Bottom		0.010	0.002	0.007	0.006	0.012	
4-n78	Front	1RB	0.302	0.032	0.019	0.038	0.334	
	Back		0.375	0.084	0.045	0.047	0.459	
	Left		0.206	0.007	0.005	0.013	0.213	
	Right		0.009	0.044	0.025	0.031	0.053	
	Top		0.187	0.072	0.020	0.035	0.259	
	Bottom		0.005	0.002	0.007	0.006	0.007	
	Front	50%RB	0.254	0.032	0.019	0.038	0.286	
	Back		0.302	0.084	0.045	0.047	0.386	
	Left		0.178	0.007	0.005	0.013	0.185	
	Right		0.004	0.044	0.025	0.031	0.048	
	Top		0.166	0.072	0.020	0.035	0.238	
	Bottom		0.002	0.002	0.007	0.006	0.004	
5-n7	Front	1RB	0.102	0.032	0.019	0.038	0.134	
	Back		0.169	0.084	0.045	0.047	0.253	
	Left		0.051	0.007	0.005	0.013	0.058	
	Right		0.016	0.044	0.025	0.031	0.060	
	Top		0.040	0.072	0.020	0.035	0.112	
	Bottom		0.010	0.002	0.007	0.006	0.012	
	Front	50%RB	0.059	0.032	0.019	0.038	0.091	
	Back		0.103	0.084	0.045	0.047	0.187	
	Left		0.036	0.007	0.005	0.013	0.043	
	Right		0.013	0.044	0.025	0.031	0.057	
	Top		0.028	0.072	0.020	0.035	0.100	
	Bottom		0.007	0.002	0.007	0.006	0.009	
5-n38	Front	1RB	0.087	0.032	0.019	0.038	0.119	
	Back		0.105	0.084	0.045	0.047	0.189	
	Left		0.061	0.007	0.005	0.013	0.068	
	Right		0.005	0.044	0.025	0.031	0.049	
	Top		0.042	0.072	0.020	0.035	0.114	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.076	0.032	0.019	0.038	0.108	
	Back		0.090	0.084	0.045	0.047	0.174	
	Left		0.050	0.007	0.005	0.013	0.057	
	Right		0.002	0.044	0.025	0.031	0.046	
	Top		0.034	0.072	0.020	0.035	0.106	
	Bottom		0.002	0.002	0.007	0.006	0.004	
5-n41	Front	1RB	0.096	0.032	0.019	0.038	0.128	
	Back		0.118	0.084	0.045	0.047	0.202	
	Left		0.070	0.007	0.005	0.013	0.077	
	Right		0.003	0.044	0.025	0.031	0.047	
	Top		0.057	0.072	0.020	0.035	0.129	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.079	0.032	0.019	0.038	0.111	
	Back		0.094	0.084	0.045	0.047	0.178	
	Left		0.058	0.007	0.005	0.013	0.065	
	Right		0.002	0.044	0.025	0.031	0.046	
	Top		0.044	0.072	0.020	0.035	0.116	
	Bottom		0.002	0.002	0.007	0.006	0.004	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
5-n66	Front	1RB	0.114	0.032	0.019	0.038	0.146	1.6
	Back		0.139	0.084	0.045	0.047	0.223	
	Left		0.081	0.007	0.005	0.013	0.088	
	Right		0.005	0.044	0.025	0.031	0.049	
	Top		0.058	0.072	0.020	0.035	0.130	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.088	0.032	0.019	0.038	0.120	
	Back		0.115	0.084	0.045	0.047	0.199	
	Left		0.065	0.007	0.005	0.013	0.072	
	Right		0.003	0.044	0.025	0.031	0.047	
	Top		0.044	0.072	0.020	0.035	0.116	
	Bottom		0.002	0.002	0.007	0.006	0.004	
5-n77	Front	1RB	0.098	0.032	0.019	0.038	0.130	
	Back		0.145	0.084	0.045	0.047	0.229	
	Left		0.079	0.007	0.005	0.013	0.086	
	Right		0.005	0.044	0.025	0.031	0.049	
	Top		0.061	0.072	0.020	0.035	0.133	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.070	0.032	0.019	0.038	0.102	
	Back		0.115	0.084	0.045	0.047	0.199	
	Left		0.053	0.007	0.005	0.013	0.060	
	Right		0.003	0.044	0.025	0.031	0.047	
	Top		0.046	0.072	0.020	0.035	0.118	
	Bottom		0.002	0.002	0.007	0.006	0.004	
5-n78	Front	1RB	0.113	0.032	0.019	0.038	0.145	
	Back		0.158	0.084	0.045	0.047	0.242	
	Left		0.057	0.007	0.005	0.013	0.064	
	Right		0.003	0.044	0.025	0.031	0.047	
	Top		0.051	0.072	0.020	0.035	0.123	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.095	0.032	0.019	0.038	0.127	
	Back		0.135	0.084	0.045	0.047	0.219	
	Left		0.051	0.007	0.005	0.013	0.058	
	Right		0.001	0.044	0.025	0.031	0.045	
	Top		0.043	0.072	0.020	0.035	0.115	
	Bottom		0.002	0.002	0.007	0.006	0.004	
7-n7	Front	1RB	0.128	0.032	0.019	0.038	0.160	
	Back		0.175	0.084	0.045	0.047	0.259	
	Left		0.110	0.007	0.005	0.013	0.117	
	Right		0.023	0.044	0.025	0.031	0.067	
	Top		0.076	0.072	0.020	0.035	0.148	
	Bottom		0.016	0.002	0.007	0.006	0.018	
	Front	50%RB	0.078	0.032	0.019	0.038	0.110	
	Back		0.106	0.084	0.045	0.047	0.190	
	Left		0.048	0.007	0.005	0.013	0.055	
	Right		0.019	0.044	0.025	0.031	0.063	
	Top		0.030	0.072	0.020	0.035	0.102	
	Bottom		0.011	0.002	0.007	0.006	0.013	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
7-n66	Front	1RB	0.054	0.032	0.019	0.038	0.086	1.6
	Back		0.076	0.084	0.045	0.047	0.160	
	Left		0.051	0.007	0.005	0.013	0.058	
	Right		0.003	0.044	0.025	0.031	0.047	
	Top		0.040	0.072	0.020	0.035	0.112	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.050	0.032	0.019	0.038	0.082	
	Back		0.063	0.084	0.045	0.047	0.147	
	Left		0.045	0.007	0.005	0.013	0.052	
	Right		0.002	0.044	0.025	0.031	0.046	
	Top		0.029	0.072	0.020	0.035	0.101	
	Bottom		0.002	0.002	0.007	0.006	0.004	
7-n77	Front	1RB	0.056	0.032	0.019	0.038	0.088	
	Back		0.073	0.084	0.045	0.047	0.157	
	Left		0.033	0.007	0.005	0.013	0.040	
	Right		0.010	0.044	0.025	0.031	0.054	
	Top		0.022	0.072	0.020	0.035	0.094	
	Bottom		0.006	0.002	0.007	0.006	0.008	
	Front	50%RB	0.030	0.032	0.019	0.038	0.062	
	Back		0.053	0.084	0.045	0.047	0.137	
	Left		0.026	0.007	0.005	0.013	0.033	
	Right		0.006	0.044	0.025	0.031	0.050	
	Top		0.013	0.072	0.020	0.035	0.085	
	Bottom		0.003	0.002	0.007	0.006	0.005	
7-n78	Front	1RB	0.052	0.032	0.019	0.038	0.084	
	Back		0.069	0.084	0.045	0.047	0.153	
	Left		0.038	0.007	0.005	0.013	0.045	
	Right		0.004	0.044	0.025	0.031	0.048	
	Top		0.030	0.072	0.020	0.035	0.102	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.041	0.032	0.019	0.038	0.073	
	Back		0.053	0.084	0.045	0.047	0.137	
	Left		0.031	0.007	0.005	0.013	0.038	
	Right		0.002	0.044	0.025	0.031	0.046	
	Top		0.025	0.072	0.020	0.035	0.097	
	Bottom		0.002	0.002	0.007	0.006	0.004	
38-n78	Front	1RB	0.082	0.032	0.019	0.038	0.114	
	Back		0.115	0.084	0.045	0.047	0.199	
	Left		0.060	0.007	0.005	0.013	0.067	
	Right		0.007	0.044	0.025	0.031	0.051	
	Top		0.043	0.072	0.020	0.035	0.115	
	Bottom		0.006	0.002	0.007	0.006	0.008	
	Front	50%RB	0.075	0.032	0.019	0.038	0.107	
	Back		0.090	0.084	0.045	0.047	0.174	
	Left		0.055	0.007	0.005	0.013	0.062	
	Right		0.005	0.044	0.025	0.031	0.049	
	Top		0.039	0.072	0.020	0.035	0.111	
	Bottom		0.003	0.002	0.007	0.006	0.005	
41-n41	Front	1RB	0.049	0.032	0.019	0.038	0.081	
	Back		0.069	0.084	0.045	0.047	0.153	
	Left		0.032	0.007	0.005	0.013	0.039	
	Right		0.016	0.044	0.025	0.031	0.060	
	Top		0.022	0.072	0.020	0.035	0.094	
	Bottom		0.012	0.002	0.007	0.006	0.014	
	Front	50%RB	0.036	0.032	0.019	0.038	0.068	
	Back		0.051	0.084	0.045	0.047	0.135	
	Left		0.029	0.007	0.005	0.013	0.036	
	Right		0.011	0.044	0.025	0.031	0.055	
	Top		0.016	0.072	0.020	0.035	0.088	
	Bottom		0.006	0.002	0.007	0.006	0.008	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
41-n77	Front	1RB	0.025	0.032	0.019	0.038	0.057	1.6
	Back		0.031	0.084	0.045	0.047	0.115	
	Left		0.018	0.007	0.005	0.013	0.025	
	Right		0.004	0.044	0.025	0.031	0.048	
	Top		0.013	0.072	0.020	0.035	0.085	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.017	0.032	0.019	0.038	0.049	
	Back		0.024	0.084	0.045	0.047	0.108	
	Left		0.011	0.007	0.005	0.013	0.018	
	Right		0.001	0.044	0.025	0.031	0.045	
	Top		0.010	0.072	0.020	0.035	0.082	
	Bottom		0.002	0.002	0.007	0.006	0.004	
41-n78	Front	1RB	0.109	0.032	0.019	0.038	0.141	
	Back		0.141	0.084	0.045	0.047	0.225	
	Left		0.074	0.007	0.005	0.013	0.081	
	Right		0.038	0.044	0.025	0.031	0.082	
	Top		0.045	0.072	0.020	0.035	0.117	
	Bottom		0.023	0.002	0.007	0.006	0.025	
	Front	50%RB	0.067	0.032	0.019	0.038	0.099	
	Back		0.098	0.084	0.045	0.047	0.182	
	Left		0.044	0.007	0.005	0.013	0.051	
	Right		0.014	0.044	0.025	0.031	0.058	
	Top		0.029	0.072	0.020	0.035	0.101	
	Bottom		0.006	0.002	0.007	0.006	0.008	
66-n7	Front	1RB	0.158	0.032	0.019	0.038	0.190	
	Back		0.300	0.084	0.045	0.047	0.384	
	Left		0.124	0.007	0.005	0.013	0.131	
	Right		0.003	0.044	0.025	0.031	0.047	
	Top		0.064	0.072	0.020	0.035	0.136	
	Bottom		0.002	0.002	0.007	0.006	0.004	
	Front	50%RB	0.130	0.032	0.019	0.038	0.162	
	Back		0.269	0.084	0.045	0.047	0.353	
	Left		0.097	0.007	0.005	0.013	0.104	
	Right		0.002	0.044	0.025	0.031	0.046	
	Top		0.047	0.072	0.020	0.035	0.119	
	Bottom		0.002	0.002	0.007	0.006	0.004	
66-n38	Front	1RB	0.279	0.032	0.019	0.038	0.311	
	Back		0.357	0.084	0.045	0.047	0.441	
	Left		0.195	0.007	0.005	0.013	0.202	
	Right		0.024	0.044	0.025	0.031	0.068	
	Top		0.151	0.072	0.020	0.035	0.223	
	Bottom		0.015	0.002	0.007	0.006	0.017	
	Front	50%RB	0.258	0.032	0.019	0.038	0.290	
	Back		0.332	0.084	0.045	0.047	0.416	
	Left		0.160	0.007	0.005	0.013	0.167	
	Right		0.016	0.044	0.025	0.031	0.060	
	Top		0.105	0.072	0.020	0.035	0.177	
	Bottom		0.009	0.002	0.007	0.006	0.011	
66-n41	Front	1RB	0.196	0.032	0.019	0.038	0.228	
	Back		0.332	0.084	0.045	0.047	0.416	
	Left		0.148	0.007	0.005	0.013	0.155	
	Right		0.004	0.044	0.025	0.031	0.048	
	Top		0.081	0.072	0.020	0.035	0.153	
	Bottom		0.003	0.002	0.007	0.006	0.005	
	Front	50%RB	0.175	0.032	0.019	0.038	0.207	
	Back		0.275	0.084	0.045	0.047	0.359	
	Left		0.128	0.007	0.005	0.013	0.135	
	Right		0.003	0.044	0.025	0.031	0.047	
	Top		0.057	0.072	0.020	0.035	0.129	
	Bottom		0.002	0.002	0.007	0.006	0.004	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
66-n66	Front	1RB	0.214	0.032	0.019	0.038	0.246	1.6
	Back		0.305	0.084	0.045	0.047	0.389	
	Left		0.127	0.007	0.005	0.013	0.134	
	Right		0.031	0.044	0.025	0.031	0.075	
	Top		0.071	0.072	0.020	0.035	0.143	
	Bottom		0.015	0.002	0.007	0.006	0.017	
	Front	50%RB	0.150	0.032	0.019	0.038	0.182	
	Back		0.210	0.084	0.045	0.047	0.294	
	Left		0.084	0.007	0.005	0.013	0.091	
	Right		0.021	0.044	0.025	0.031	0.065	
	Top		0.061	0.072	0.020	0.035	0.133	
	Bottom		0.011	0.002	0.007	0.006	0.013	
66-n77	Front	1RB	0.254	0.032	0.019	0.038	0.286	
	Back		0.396	0.084	0.045	0.047	0.480	
	Left		0.201	0.007	0.005	0.013	0.208	
	Right		0.039	0.044	0.025	0.031	0.083	
	Top		0.135	0.072	0.020	0.035	0.207	
	Bottom		0.026	0.002	0.007	0.006	0.028	
	Front	50%RB	0.221	0.032	0.019	0.038	0.253	
	Back		0.317	0.084	0.045	0.047	0.401	
	Left		0.150	0.007	0.005	0.013	0.157	
	Right		0.031	0.044	0.025	0.031	0.075	
	Top		0.100	0.072	0.020	0.035	0.172	
	Bottom		0.011	0.002	0.007	0.006	0.013	
66-n78	Front	1RB	0.204	0.032	0.019	0.038	0.236	
	Back		0.327	0.084	0.045	0.047	0.411	
	Left		0.161	0.007	0.005	0.013	0.168	
	Right		0.009	0.044	0.025	0.031	0.053	
	Top		0.096	0.072	0.020	0.035	0.168	
	Bottom		0.004	0.002	0.007	0.006	0.006	
	Front	50%RB	0.183	0.032	0.019	0.038	0.215	
	Back		0.307	0.084	0.045	0.047	0.391	
	Left		0.126	0.007	0.005	0.013	0.133	
	Right		0.004	0.044	0.025	0.031	0.048	
	Top		0.070	0.072	0.020	0.035	0.142	
	Bottom		0.002	0.002	0.007	0.006	0.004	

13 Measurement uncertainty evaluation

13.1 Measurement uncertainty evaluation for SAR test

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

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

DASY8 Uncertainty Budget

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

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

13.2 Measurement uncertainty evaluation for system check

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

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

14 Test equipment and ancillaries used for tests

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

	Manufacturer	Device Type	Type(Model)	Serial number	calibration	
					Last Cal.	Due Date
☒	SPEAG	E-Field PROBE	EX3DV4	7895	2024-11-28	2025-11-27
☒	SPEAG	E-Field PROBE	EX3DV4	7391	2024-11-16	2025-11-15
☒	SPEAG	Validation Kits	D750V3	1151	2024-08-19	2027-08-18
☒	SPEAG	Validation Kits	D835V2	4d203	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1750V2	1143	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1900V2	5d211	2024-08-19	2027-08-18
☒	SPEAG	Validation Sources	D2550V2	1015	2024-08-16	2027-08-15
☒	SPEAG	Validation Sources	D3500V2	1164	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3700V2	1139	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3900V2	1106	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4600V2	1097	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4900V2	1093	2024-10-08	2027-10-07
☒	SPEAG	Validation Sources	D5GHzV2	1412	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D6.5GHzV2	1116	2024-10-14	2027-10-13
☒	SPEAG	DAE	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.)