

FCC SAR Compliance Test Report

For

TECNO MOBILE LIMITED

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

FOTAN NT HONGKONG

Model: KM8n

Test Engineer: Jiang Xuling

Report Number: WSCT-ANAB-R&E250600048A-SAR

Report Date: 06 August 2025

FCC ID: 2ADYY-KM8N

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Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Release	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: 2025-06-18
Start of test: 2025-06-20
End of test: 2025-07-25

1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for KM8n is as below:

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Head	0.648
GSM1900	Head	0.464
UMTS Band 2	Head	0.713
UMTS Band 4	Head	0.694
UMTS Band 5	Head	0.451
LTE Band 2	Head	0.648
LTE Band 4	Head	0.584
LTE Band 5	Head	0.465
LTE Band 7	Head	0.571
LTE Band 12	Head	0.548
LTE Band 13	Head	0.431
LTE Band 17	Head	0.560
LTE Band 38	Head	0.708
LTE Band 41	Head	0.482
LTE Band 42	Head	1.035
LTE Band 66	Head	0.628
NR n5	Head	0.498
NR n7	Head	0.674
NR n12	Head	0.570
NR n38	Head	1.256
NR n41	Head	1.142
NR n66	Head	0.815
NR n77	Head	0.588
NR n77	Head	0.429
NR n77	Head	0.350
NR n78	Head	0.577
NR n78	Head	0.424
NR n78	Head	0.307
2-n7	Head	0.285
2-n66	Head	0.359
2-n78	Head	0.809
4-n7	Head	0.316
4-n38	Head	0.636
4-n41	Head	0.686
4-n78	Head	0.650
5-n7	Head	0.325
5-n38	Head	0.330
5-n41	Head	0.285
5-n66	Head	0.357
5-n77	Head	0.262
5-n78	Head	0.109
7-n7	Head	0.836
7-n66	Head	0.421
7-n77	Head	0.955
7-n78	Head	1.102
38-n78	Head	0.198
41-n41	Head	0.103

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
41-n77	Head	0.148
41-n78	Head	0.163
66-n7	Head	1.009
66-n38	Head	0.764
66-n41	Head	0.795
66-n66	Head	0.753
66-n77	Head	0.780
66-n78	Head	0.769
BT	Head	0.201
2.4GWIFI	Head	0.173
5GWIFI Band1	Head	0.182
5GWIFI Band2	Head	0.222
5GWIFI Band3	Head	0.182
5GWIFI Band4	Head	0.203

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Body & Hotspot 10mm	0.701
GSM1900	Body & Hotspot 10mm	0.447
UMTS Band 2	Body & Hotspot 10mm	0.147
UMTS Band 4	Body & Hotspot 10mm	0.125
UMTS Band 5	Body & Hotspot 10mm	0.084
LTE Band 2	Body & Hotspot 10mm	0.126
LTE Band 4	Body & Hotspot 10mm	0.100
LTE Band 5	Body & Hotspot 10mm	0.083
LTE Band 7	Body & Hotspot 10mm	0.159
LTE Band 12	Body & Hotspot 10mm	0.075
LTE Band 13	Body & Hotspot 10mm	0.083
LTE Band 17	Body & Hotspot 10mm	0.079
LTE Band 38	Body & Hotspot 10mm	0.241
LTE Band 41	Body & Hotspot 10mm	0.172
LTE Band 42	Body & Hotspot 10mm	0.917
LTE Band 66	Body & Hotspot 10mm	0.134
NR n5	Body & Hotspot 10mm	0.091
NR n7	Body & Hotspot 10mm	0.193
NR n12	Body & Hotspot 10mm	0.067
NR n38	Body & Hotspot 10mm	0.358
NR n41	Body & Hotspot 10mm	0.336
NR n66	Body & Hotspot 10mm	0.139
NR n77	Body & Hotspot 10mm	0.625
NR n77	Body & Hotspot 10mm	0.389
NR n77	Body & Hotspot 10mm	0.378
NR n78	Body & Hotspot 10mm	0.517
NR n78	Body & Hotspot 10mm	0.376
NR n78	Body & Hotspot 10mm	0.322
2-n7	Body & Hotspot 10mm	0.136
2-n66	Body & Hotspot 10mm	0.178
2-n78	Body & Hotspot 10mm	0.316
4-n7	Body & Hotspot 10mm	0.154
4-n38	Body & Hotspot 10mm	0.285
4-n41	Body & Hotspot 10mm	0.296

Band	Position Test Points	MAX Reported SAR1g (W/kg)
4-n78	Body & Hotspot 10mm	0.304
5-n7	Body & Hotspot 10mm	0.135
5-n38	Body & Hotspot 10mm	0.124
5-n41	Body & Hotspot 10mm	0.131
5-n66	Body & Hotspot 10mm	0.154
5-n77	Body & Hotspot 10mm	0.078
5-n78	Body & Hotspot 10mm	0.063
7-n7	Body & Hotspot 10mm	0.400
7-n66	Body & Hotspot 10mm	0.145
7-n77	Body & Hotspot 10mm	0.412
7-n78	Body & Hotspot 10mm	0.407
38-n78	Body & Hotspot 10mm	0.083
41-n41	Body & Hotspot 10mm	0.064
41-n77	Body & Hotspot 10mm	0.077
41-n78	Body & Hotspot 10mm	0.079
66-n7	Body & Hotspot 10mm	0.570
66-n38	Body & Hotspot 10mm	0.271
66-n41	Body & Hotspot 10mm	0.278
66-n66	Body & Hotspot 10mm	0.225
66-n77	Body & Hotspot 10mm	0.288
66-n78	Body & Hotspot 10mm	0.288
BT	Body & Hotspot 10mm	0.046
2.4GWIFI	Body & Hotspot 10mm	0.018
5GWIFI Band1	Body & Hotspot 10mm	0.038
5GWIFI Band2	Body & Hotspot 10mm	0.019
5GWIFI Band3	Body & Hotspot 10mm	0.024
5GWIFI Band4	Body & Hotspot 10mm	0.016
Maximum Max. SAR Level(s) Measured: (Limit: 1.6W/Kg):	NR n38	1.256W/kg1gHeadTissue
	5GWIFI B2	0.222W/kg1gHeadTissue
	LTE Band42	0.917W/kg1gBodyTissue
	5GWIFI B1	0.038W/kg1gBodyTissue
The Head highest simultaneous SAR :		1.478W/kg1gBodyTissue
The Body highest simultaneous SAR :		0.955W/kg1gBodyTissue

The device is in compliance with Specific Absorption Rate (SAR) for general population/uncontraolled exposure limits of 1.6 W/Kg as averaged over any 1g tissue according to the FCC rule the ANSI/IEEE C95.1:2005, the NCRP Report Number 86 for uncontrolled environment, 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:	KM8n		
Trade Name:	TECNO		
Software number:	KM8n-15.1.2		
Hardware number:	V1.1		
Device Type:	Portable device		
Exposure Category:	uncontrolled environment / general population		
Production Unit or Identical Prototype:	Production Unit		
Antenna Type :	Integral Antenna		
Device Operating Configurations:			
Supporting Mode(s) :	GSM850, PCS 1900 WCDMA B2/ WCDMA B4/ WCDMA B5 LTE Band 2/4/5/7/12/13/17/38/41/42/66 NR Band 5/7/12/38/41/66/77/78 NSA(EN-DC): DC_2A_n7A, DC_2A_n66A, DC_2A_n78A, DC_4A_n7A,DC_4A_n38A, DC_4A_n41A, DC_4A_n78A, DC_5A_n7A, DC_5A_n38A, DC_5A_n41A,DC_5A_n66A, DC_5A_n77A,DC_5A_n78A, DC_7A_n7A, DC_7A_n66A, DC_7A_n77A, DC_7A_n78A, DC_38A_n78A DC_41A_n41A, DC_41A_n77A, DC_41A_n78A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A,DC_66A_n66A, DC_66A_n77A,DC_66A_n78A		
Modulation:	GSM/GPRS: GMSK EGPRS: 8PSK WCDMA: QPSK HSDPA/HSUPA: QPSK /16QAM LTE: QPSK/16QAM/64QAM 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 13	777~787	746~756
	LTE Band 17	704~716	734~746
	LTE Band 38	2570~2620	2570~2620
	LTE Band 41	2496~2690	2496~2690
	LTE Band 42	3450~3550	3450~3550
	LTE Band 66	1710~1780	2110~2200
	NR Band 5	824~849	869~894
	NR Band 7	2500~2570	2620~2690
	NR Band 12	699~716	729~746
	NR Band 38	2570~2620	2570~2620
	NR Band 41	2496~2690	2496~2690
	NR Band 66	1710~1780	2110~2200
	NR Band 77	3450~3550	3450~3550
	NR Band 77	3700~3980	3700~3980
	NR Band 78	3450~3550	3450~3550
	NR Band 78	3700~3800	3700~3800
	Wi-Fi (2.4G)	2412~2462	
	Wi-Fi (5G)	5180~5240	5180~5240
		5260~5320	5260~5320
		5500~5700	5500~5700
		5745~5825	5745~5825
BT	2402~2480		
NFC	13.56		
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 B13/LTE B17/NR N12:-7.07dbi LTE B42:-0.21 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/LTE B13/B17/NR N12: 3.00W(34.77dBm) LTE B42/NR 77/NR 78: 1.00W(30.00dBm)		
Power Source:	Rechargeable Li-ion Polymer Battery :BL-58HT 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, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China
Tel:	+86-755-26996192
Fax:	+86-755-86376605

3 ACCREDITATIONS

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

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

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

4 Test Environment

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

5 Applicant and Manufacturer

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

6 Test standards:

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

6.1 RF exposure limits

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

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

Notes:

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

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

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

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

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

6.2 SAR Definition

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

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

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

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

where:

σ = conductivity of the tissue (S/m)

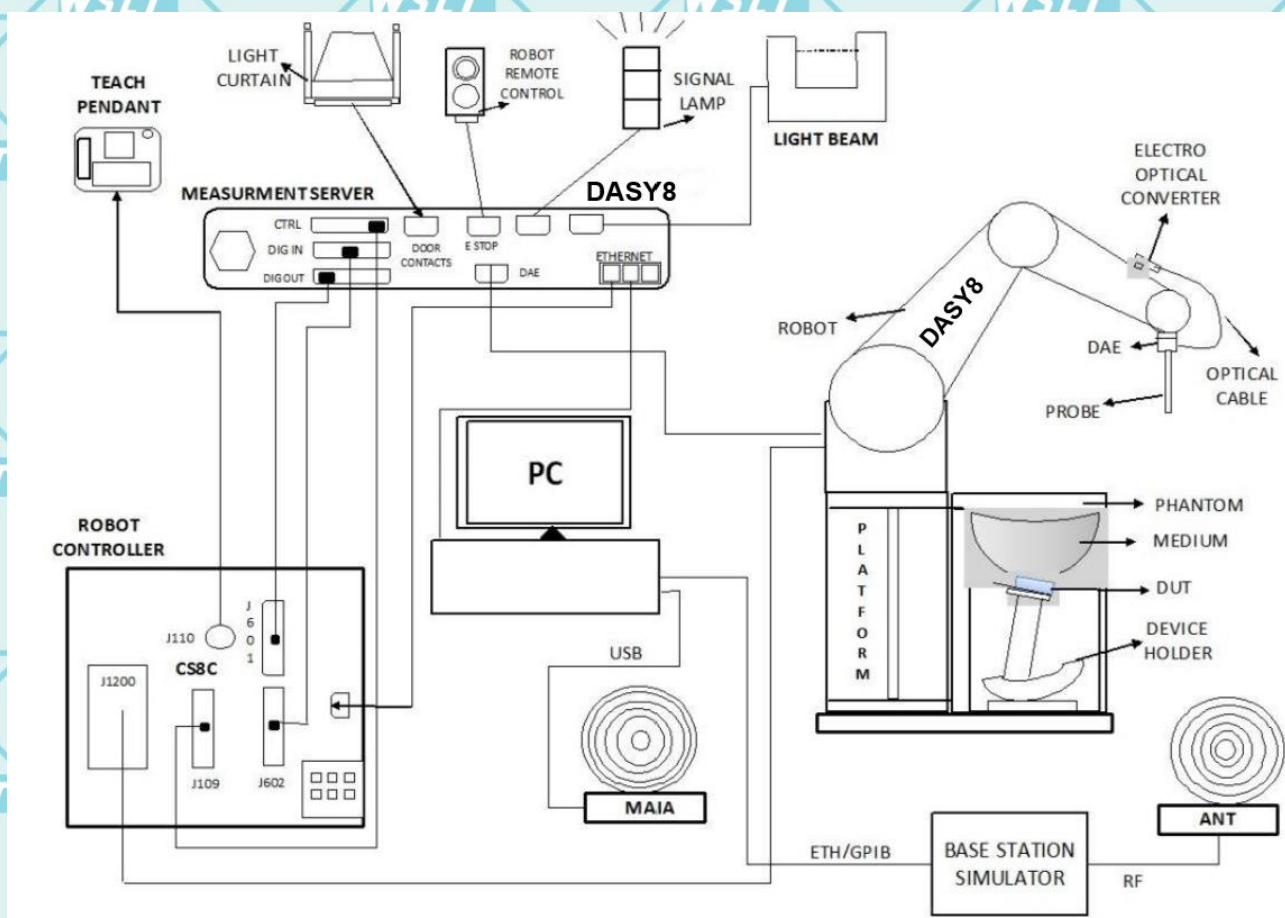
ρ = mass density of the tissue (kg/m³)

E = rms electric field strength (V/m)

7 SAR Measurement System

7.1 The Measurement System

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



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

7.2 Robot

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

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



7.3 Probe

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

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



Frequency: 4MHz – 10GHz ;

Linearity: ± 0.2 dB (30MHz – 10GHz)

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

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

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

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

7.4 DAE

DAE4ip– Data Acquisition Electronics 4 with Integrated Power

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

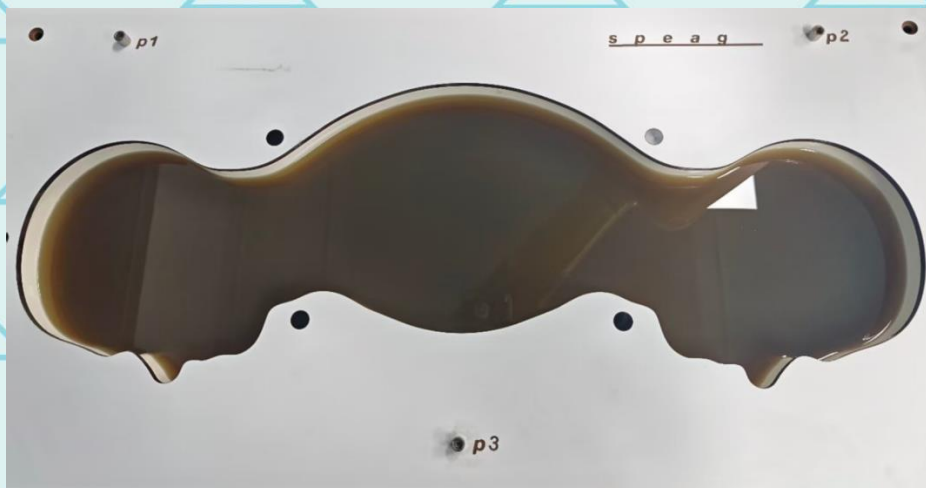
Performance:

- Measurement range: -100—+300 mV (16-bit resolution and two range settings: 4 mV, 400 mV)
- Input offset voltage: <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:

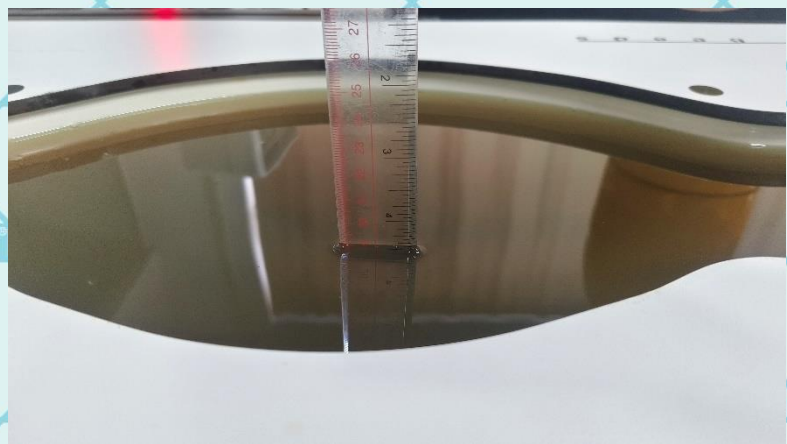
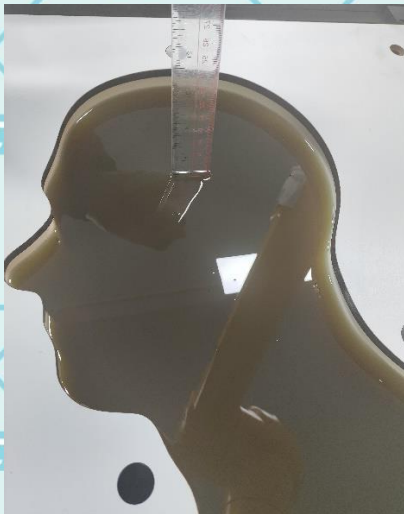
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan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

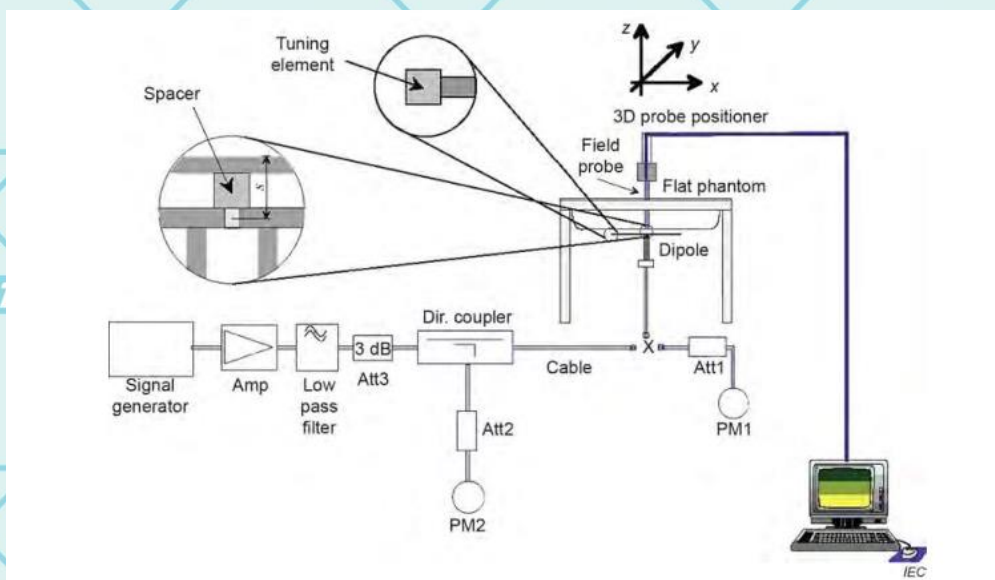
ϵ_r = Relative permittivity, σ = Conductivity

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

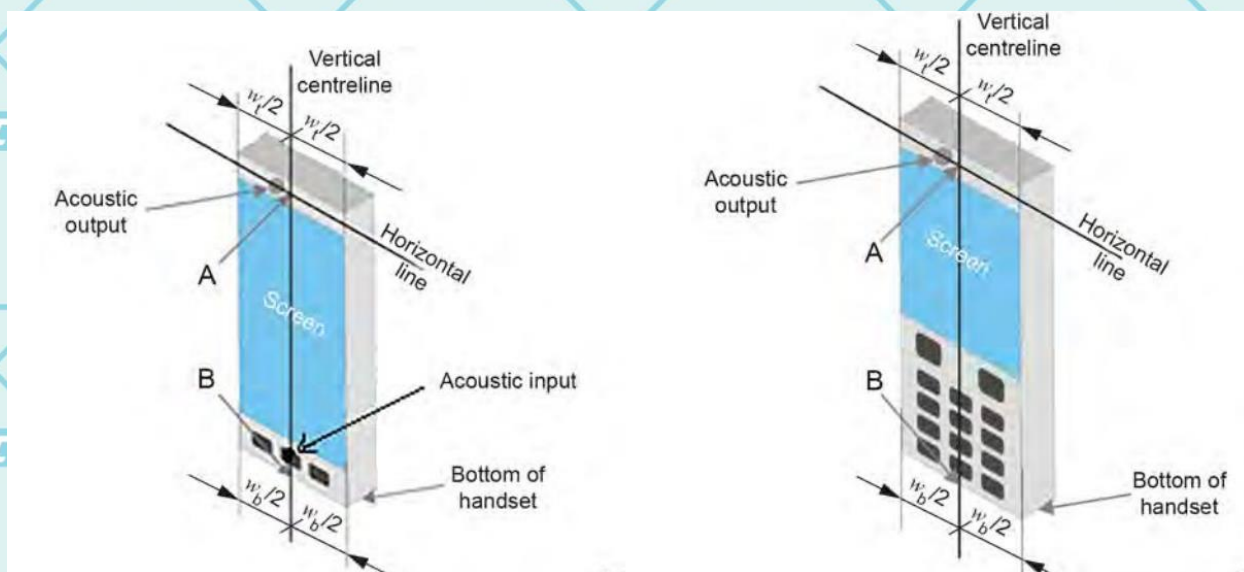
9.1 Head Exposure Conditions

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.

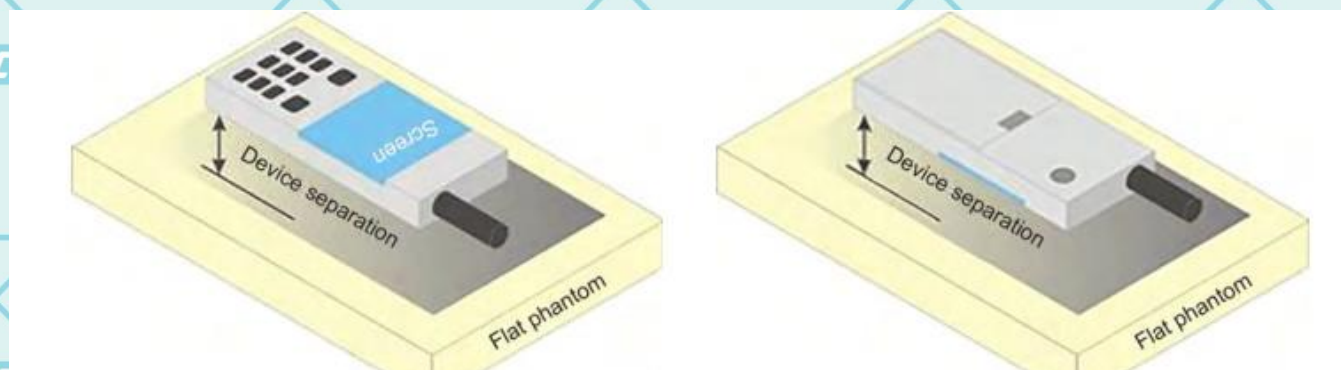


9.2 Body Exposure Condition

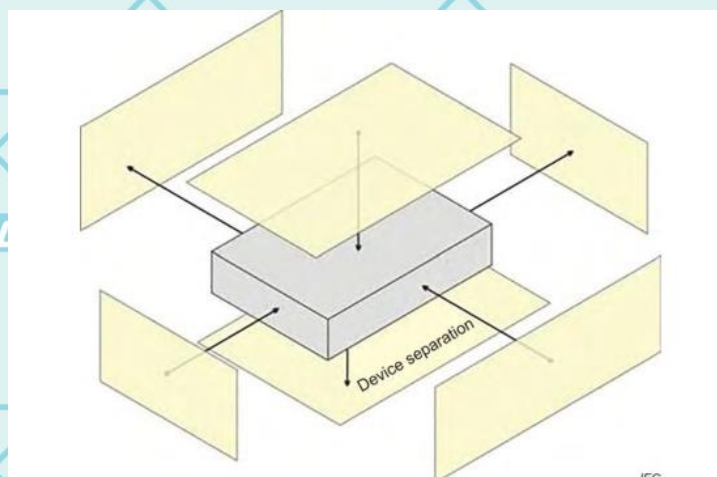
According to 447498 D04

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_s for HS-DPCCH is set automatically to the correct value when ΔACK , $\Delta NACK$, $\Delta CQI = 8$. The variation of the β_c / β_d ratio causes a power reduction at sub-tests 2 - 4.

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

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

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

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

4) HSUPA

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

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

10.3 LTE Test Configuration

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

1) Spectrum Plots for RB configurations

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

2) MPR

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

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

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

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

3) A-MPR

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

4) LTE procedures for SAR testing

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

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

ii) QPSK with 50% RB allocation

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

iii) QPSK with 100% RB allocation

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

iv) Higher order modulations

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

B) Other channel bandwidth standalone SAR test requirements

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

5) TDD LTE test configuration

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

10.4 Wi-Fi Test Configuration

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

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

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

Notes:

√ = “default test channels”

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

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

802.11 Test Channels per FCC Requirements

10.5 WiFi 2.4G SAR Test Procedures

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

A) 802.11b DSSS SAR Test Requirements

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

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

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

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

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

C) SAR Test Requirements for OFDM configurations

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

11 Detailed Test Results

11.1 Conducted Power measurements

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

11.1.1 Conducted Power of GSM

Mode: GSM850		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH128	CH190	CH251		CH128	CH190	CH251
			824.2MHz	836.6MHz	848.8MHz		824.2MHz	836.6MHz	848.8MHz
GSM(CS)		32.50	32.45	32.30	32.15	-9.03	25.10	24.95	24.80
GPRS (GMSK)	1Tx slot	32.50	32.41	32.27	32.12	-9.03	25.06	24.92	24.77
	2Tx slots	32.00	31.62	31.47	31.31	-9.03	24.27	24.12	23.96
	3Tx slots	30.00	29.79	29.67	29.53	-6.02	22.44	22.32	22.18
	4Tx slots	29.00	28.56	28.47	28.32	-4.26	21.21	21.12	20.97
EGPRS (8PSK)	1Tx slot	27.50	26.53	26.53	27.03	-3.01	19.18	19.18	19.68
	2Tx slots	26.50	25.23	26.29	26.28	-9.03	17.88	18.94	18.93
	3Tx slots	25.00	23.37	24.72	24.72	-6.02	16.02	17.37	17.37
	4Tx slots	23.50	22.70	23.21	23.20	-4.26	15.35	15.86	15.85
Mode: GSM1900		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH512	CH661	CH810		CH512	CH661	CH810
			1850.2MHz	1880.0MHz	1909.8MHz		1850.2MHz	1880.0MHz	1909.8MHz
GSM(CS)		28.50	28.13	28.08	27.81	-9.03	24.70	24.65	24.38
GPRS (GMSK)	1Tx slot	28.50	28.14	28.11	27.80	-9.03	24.71	24.68	24.37
	2Tx slots	27.50	27.24	27.19	26.92	-9.03	23.81	23.76	23.49
	3Tx slots	25.50	25.30	25.29	24.99	-6.02	21.87	21.86	21.56
	4Tx slots	24.50	24.20	24.13	23.82	-4.26	20.77	20.70	20.39
EGPRS (8PSK)	1Tx slot	25.00	24.25	23.80	24.53	-3.01	20.82	20.37	21.10
	2Tx slots	23.50	23.03	23.02	22.90	-9.03	19.60	19.59	19.47
	3Tx slots	21.50	20.82	21.30	20.27	-6.02	17.39	17.87	16.84
	4Tx slots	20.50	19.42	20.21	19.99	-4.26	15.99	16.78	16.56

Note:

Division Factors

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

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

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

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

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

11.1.2 Conducted Power of WCDMA

Mode		Maximum Tune-up(dBm)	WCDMA Band 2		
			Conducted Power (dBm)		
			CH9262	CH9400	CH9538
			1852.4	1880.0	1907.6
RMC 12.2K		24.50	24.13	24.18	24.17
HSDPA	Subtest-1	24.50	24.13	22.93	22.01
	Subtest-2	24.50	20.97	24.15	23.23
	Subtest-3	24.50	21.29	20.12	24.14
	Subtest-4	23.00	22.79	22.14	19.99
HSUPA	Subtest-1	22.50	22.10	22.14	22.16
	Subtest-2	22.50	22.09	22.14	22.15
	Subtest-3	23.50	23.08	23.13	23.11
	Subtest-4	22.00	21.61	21.65	21.66
	Subtest-5	23.50	23.05	23.12	23.11
Mode		Maximum Tune-up(dBm)	WCDMA Band 4		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
			1712.4	1732.6	1752.6
RMC 12.2K		24.50	24.02	23.90	23.81
HSDPA	Subtest-1	24.50	24.05	22.68	21.13
	Subtest-2	24.00	20.66	23.91	22.73
	Subtest-3	24.00	20.69	20.02	23.86
	Subtest-4	22.50	22.49	20.72	21.76
HSUPA	Subtest-1	22.50	22.05	21.92	21.89
	Subtest-2	22.00	22.00	21.90	21.84
	Subtest-3	23.00	22.99	22.89	22.80
	Subtest-4	22.00	21.56	21.42	21.39
	Subtest-5	23.50	23.04	22.93	22.84
Mode		Maximum Tune-up(dBm)	WCDMA Band 5		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
			826.4	836.6	846.6
RMC 12.2K		26.00	25.47	25.54	25.51
HSDPA	Subtest-1	25.00	24.53	23.33	21.38
	Subtest-2	25.00	20.94	24.60	23.26
	Subtest-3	25.00	21.72	21.66	24.56
	Subtest-4	24.00	23.65	22.12	21.61
HSUPA	Subtest-1	23.00	22.48	22.54	22.51
	Subtest-2	23.00	22.52	22.51	22.50
	Subtest-3	24.00	23.46	23.51	23.48
	Subtest-4	22.50	21.98	22.06	21.99
	Subtest-5	24.00	23.52	23.51	23.47
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	23.46	23.56	23.27
			2	24.00	23.55	23.57	23.23
			5	24.00	23.56	23.57	23.12
		3	0	23.50	23.46	23.41	22.92
			2	23.50	23.42	23.42	22.90
			3	23.50	23.47	23.45	22.82
	16QAM	6	0	23.00	22.49	22.51	22.58
			0	24.00	23.52	23.57	23.18
			2	24.00	23.54	23.58	23.15
		3	5	24.00	23.52	23.58	23.05
			0	23.50	23.42	23.43	22.87
			2	23.50	23.39	23.43	22.83
3MHz	QPSK	1	3	23.50	23.38	23.46	22.79
			0	23.00	22.50	22.53	22.56
			0	24.00	23.52	23.57	23.18
		8	0	24.00	23.54	23.58	23.15
			5	24.00	23.52	23.58	23.05
			0	23.50	23.42	23.43	22.87
	16QAM	15	2	23.50	23.39	23.43	22.83
			3	23.50	23.38	23.46	22.79
			0	23.00	22.50	22.53	22.56
		8	0	24.00	23.52	23.57	23.18
			7	24.00	23.58	23.55	23.14
			14	24.00	23.58	23.51	23.14
5MHz	QPSK	1	0	24.00	23.62	23.54	23.56
			7	24.00	23.58	23.55	23.18
			14	24.00	23.58	23.51	23.14
		8	0	23.00	22.53	22.57	22.64
			4	23.00	22.53	22.60	22.58
			7	23.00	22.59	22.56	22.62
	16QAM	15	0	23.00	22.57	22.55	22.62
			0	24.00	23.58	23.55	23.50
			7	24.00	23.49	23.55	23.13
		8	14	24.00	23.57	23.53	23.09
			0	23.00	22.53	22.58	22.63
			4	23.00	22.52	22.59	22.57
LTE-FDD Band 2	QPSK	1	7	23.00	22.58	22.55	22.62
			0	23.00	22.58	22.54	22.63
			0	23.00	22.58	22.54	22.63
		12	0	23.00	22.58	22.54	22.63
			6	23.00	22.62	22.61	22.67
			13	23.00	22.66	22.62	22.65
	16QAM	25	0	23.00	22.67	22.64	22.70
			0	24.00	23.58	23.72	23.49
			13	24.00	23.46	23.76	23.09
		12	24	24.00	23.51	23.72	22.82
			0	23.00	22.63	22.64	22.69
			6	23.00	22.62	22.60	22.65

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	23.35	23.66	23.49
			25	24.00	23.41	23.65	23.31
			49	24.00	23.52	23.62	22.84
		25	0	23.00	22.72	22.66	22.67
			13	23.00	22.72	22.64	22.65
			25	23.00	22.74	22.64	22.65
	16QAM	50	0	23.00	22.74	22.64	22.64
			0	24.00	23.24	23.64	23.43
			25	24.00	23.33	23.59	23.27
		1	49	24.00	23.46	23.65	22.80
			0	23.00	22.71	22.67	22.67
			13	23.00	22.72	22.66	22.65
15MHz	QPSK	25	25	23.00	22.75	22.67	22.66
			0	23.00	22.73	22.67	22.65
			0	23.00	18675	18900	19125
	16QAM	1857.5MHz	0	24.00	23.41	23.71	23.72
			38	24.00	23.58	23.74	23.53
			74	24.00	23.72	23.67	22.84
	QPSK	36	0	23.00	22.70	22.66	22.69
			18	23.00	22.70	22.64	22.63
			39	23.00	22.69	22.69	22.66
	16QAM	75	0	23.00	22.73	22.63	22.70
			0	24.00	23.24	23.66	23.60
			38	24.00	23.43	23.62	23.42
20MHz	QPSK	1	74	24.00	23.63	23.59	22.72
			0	23.00	22.70	22.64	22.72
			18	23.00	22.70	22.62	22.65
	16QAM	36	39	23.00	22.70	22.68	22.68
			0	23.00	22.73	22.64	22.72
			0	23.00	18700	18900	19100
	QPSK	1860.0MHz	0	24.00	23.25	23.81	23.57
			50	24.00	23.48	23.81	23.27
			99	24.00	23.84	23.64	22.68
	16QAM	50	0	23.00	22.82	22.78	22.82
			25	23.00	22.77	22.73	22.75
			50	23.00	22.77	22.74	22.71
20MHz	QPSK	100	0	23.00	22.79	22.75	22.79
			0	24.00	23.07	23.76	23.45
			50	24.00	23.33	23.72	23.17
	16QAM	1	99	24.00	23.74	23.55	22.57
			0	23.00	22.82	22.77	22.82
			25	23.00	22.77	22.73	22.77
20MHz	QPSK	50	50	23.00	22.78	22.74	22.72
			0	23.00	22.80	22.77	22.78
	16QAM	100	0	23.00	22.80	22.77	22.78
			0	23.00	22.80	22.77	22.78
			0	23.00	22.80	22.77	22.78
			0	23.00	22.80	22.77	22.78

11.1.4 Conducted Power of LTE Band 4

LTE-FDD Band 4					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	19957	20175	20393
					1710.7MHz	1732.5MHz	1754.3MHz
1.4MHz	QPSK	1	0	24.00	23.40	23.64	23.85
			2	24.00	23.42	23.61	23.85
			5	24.00	23.35	23.53	23.84
		3	0	23.50	22.97	23.22	23.38
			2	23.50	22.96	23.20	23.37
			3	23.50	22.94	23.10	23.40
	16QAM	6	0	23.00	22.49	22.62	22.85
			0	24.00	23.11	23.57	23.84
			2	24.00	23.16	23.54	23.86
		3	5	24.00	23.13	23.45	23.80
			0	23.50	22.83	23.13	23.36
			2	23.50	22.80	23.14	23.34
3MHz	QPSK	1	3	23.50	22.80	23.05	23.40
			0	23.00	22.50	22.63	22.92
			0	24.00	23.11	23.57	23.84
		8	0	24.00	23.16	23.54	23.86
			5	24.00	23.13	23.45	23.80
			0	23.50	22.83	23.13	23.36
		15	2	23.50	22.80	23.14	23.34
			3	23.50	22.80	23.05	23.40
			0	23.00	22.50	22.63	22.92
	16QAM	1	0	24.00	23.05	23.42	23.83
			7	24.00	22.96	23.22	23.66
			14	24.00	23.04	23.23	23.74
		8	0	23.00	22.58	22.71	22.99
			4	23.00	22.51	22.65	22.89
			7	23.00	22.51	22.74	22.93
		15	0	23.00	22.56	22.72	22.95
			0	24.00	22.96	23.37	23.81
			7	24.00	22.89	23.19	23.67
5MHz	QPSK	1	14	24.00	22.98	23.21	23.74
			0	23.00	22.51	22.71	22.98
			4	23.00	22.56	22.70	22.93
		8	7	23.00	22.54	22.72	22.94
			0	23.00	22.55	22.70	22.93
		15	0	23.00	22.55	22.70	22.93
			0	24.00	22.96	23.37	23.81
			7	24.00	22.89	23.19	23.67
			14	24.00	22.98	23.21	23.74
	16QAM	1	0	23.00	22.51	22.71	22.98
			4	23.00	22.56	22.70	22.93
			7	23.00	22.54	22.72	22.94
		8	0	23.00	22.55	22.70	22.93
			0	24.00	22.96	23.37	23.81
			7	24.00	22.89	23.19	23.67
			14	24.00	22.98	23.21	23.74
		15	0	23.00	22.51	22.71	22.98
			4	23.00	22.56	22.70	22.93
			7	23.00	22.54	22.72	22.94
10MHz	QPSK	1	0	24.00	23.07	23.42	23.74
			13	23.50	23.00	23.19	23.50
			24	23.50	22.91	23.21	23.50
		12	0	23.50	22.64	22.77	23.01
			6	23.00	22.59	22.75	23.00
			13	23.00	22.58	22.76	22.99
		25	0	23.50	22.64	22.84	23.05
			0	24.00	22.99	23.38	23.75
			13	24.00	22.93	23.16	23.51
	16QAM	1	24	24.00	22.85	23.19	23.51
			0	23.50	22.65	22.80	23.02
			6	23.00	22.59	22.77	22.97
		12	13	23.00	22.58	22.76	23.00
			0	23.50	22.66	22.84	23.05
			0	24.00	22.99	23.38	23.75
			13	24.00	22.93	23.16	23.51
			24	24.00	22.85	23.19	23.51
		25	0	23.50	22.65	22.80	23.02
			6	23.00	22.59	22.77	22.97
			13	23.00	22.58	22.76	23.00

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	23.50	22.69	22.90	23.44
			25	24.00	22.82	23.08	23.58
			49	23.50	22.86	23.02	23.46
		25	0	23.00	22.65	22.81	22.99
			13	23.00	22.63	22.77	22.99
			25	23.00	22.66	22.80	22.99
	16QAM	50	0	23.50	22.66	22.82	23.01
			0	23.50	22.56	22.90	23.42
			25	24.00	22.73	23.09	23.57
		1	49	23.50	22.77	23.03	23.45
			0	23.00	22.66	22.84	22.98
			13	23.00	22.63	22.77	22.99
15MHz	QPSK	25	25	23.00	22.64	22.81	23.00
			0	23.00	22.64	22.83	23.00
			0	23.00	22.64	22.83	23.00
		36	0	24.00	23.61	23.35	23.72
			38	24.00	23.64	23.45	23.72
			74	24.00	23.53	23.43	23.58
		75	0	23.00	22.58	22.77	22.94
			18	23.00	22.58	22.74	22.96
			39	23.00	22.66	22.78	23.00
		1	0	23.00	22.65	22.79	22.95
			0	24.00	23.33	23.27	23.72
			38	24.00	23.42	23.38	23.72
	16QAM	36	74	24.00	23.29	23.37	23.59
			0	23.00	22.60	22.77	22.95
			18	23.00	22.58	22.75	22.92
		75	39	23.00	22.66	22.75	22.96
			0	23.00	22.66	22.78	22.94
			0	23.00	22.66	22.78	22.94
20MHz	QPSK	50	0	23.50	22.94	23.03	23.30
			50	24.00	23.19	23.28	23.53
			99	23.50	23.09	23.33	23.46
		100	0	23.00	22.71	22.84	22.94
			25	23.00	22.70	22.86	22.98
			50	23.50	22.76	22.89	23.05
		1	0	23.00	22.74	22.86	22.98
			0	23.50	22.80	23.00	23.27
			50	23.50	23.07	23.26	23.49
		50	99	23.50	22.98	23.33	23.42
			0	23.00	22.71	22.84	22.94
			25	23.00	22.70	22.86	22.96
20MHz	16QAM	100	50	23.50	22.77	22.89	23.04
			0	23.00	22.74	22.86	22.99
			0	23.00	22.74	22.86	22.99

11.1.5 Conducted Power of LTE Band 5

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20407	20525	20643
					824.7MHz	836.5MHz	848.3MHz
1.4MHz	QPSK	1	0	24.50	24.34	24.34	24.31
			2	24.50	24.28	24.41	24.28
			5	24.50	24.31	24.38	24.21
		3	0	24.50	24.25	24.19	24.13
			2	24.50	24.23	24.19	24.14
			3	24.50	24.25	24.23	24.14
	16QAM	6	0	23.50	23.27	23.24	23.15
		1	0	24.50	24.31	24.33	24.31
			2	24.50	24.30	24.40	24.21
			5	24.50	24.28	24.39	24.25
		3	0	24.50	24.26	24.20	24.18
			2	24.50	24.23	24.20	24.15
			3	24.50	24.25	24.24	24.15
		6	0	23.50	23.27	23.23	23.14
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20415	20525	20635
					825.5MHz	836.5MHz	847.5MHz
3MHz	QPSK	1	0	24.50	24.33	24.35	24.26
			7	24.50	24.36	24.42	24.22
			14	24.50	24.37	24.35	24.18
		8	0	23.50	23.31	23.32	23.31
			4	23.50	23.27	23.28	23.29
			7	23.50	23.27	23.32	23.27
	16QAM	15	0	23.50	23.30	23.33	23.29
		1	0	24.50	24.32	24.34	24.25
			7	24.50	24.33	24.38	24.23
			14	24.50	24.35	24.35	24.21
		8	0	23.50	23.30	23.29	23.29
			4	23.50	23.27	23.27	23.27
			7	23.50	23.25	23.33	23.26
		15	0	23.50	23.31	23.32	23.26

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20425	20525	20625
					826.5MHz	836.5MHz	846.5MHz
5MHz	QPSK	1	0	24.50	24.48	24.39	24.32
			13	24.50	24.47	24.48	24.30
			24	24.50	24.49	24.44	24.28
		12	0	23.50	23.38	23.37	23.37
			6	23.50	23.35	23.33	23.31
			13	23.50	23.39	23.39	23.31
	16QAM	25	0	23.50	23.41	23.41	23.36
		1	0	24.50	24.49	24.40	24.32
			13	24.50	24.50	24.49	24.31
			24	24.50	24.48	24.43	24.28
		12	0	23.50	23.39	23.36	23.37
			6	23.50	23.38	23.34	23.30
13	23.50		23.39	23.38	23.30		
25	0	23.50	23.43	23.38	23.37		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20450	20525	20600
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	24.50	24.50	24.43	24.48
			25	24.50	24.33	24.41	24.41
			49	24.50	24.47	24.40	24.40
		25	0	23.50	23.42	23.38	23.39
			13	23.50	23.39	23.38	23.34
			25	23.50	23.43	23.41	23.34
	16QAM	50	0	23.50	23.42	23.40	23.37
		1	0	25.00	24.52	24.39	24.48
			25	24.50	24.35	24.40	24.40
			49	24.50	24.46	24.38	24.40
		25	0	23.50	23.43	23.38	23.39
			13	23.50	23.39	23.36	23.35
25	23.50		23.41	23.40	23.34		
50	0	23.50	23.42	23.41	23.37		

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	23.50	22.43	23.43	22.91
			13	23.50	22.48	23.27	22.46
			24	23.50	22.70	23.24	22.23
		12	0	23.00	22.09	22.79	22.37
			6	23.00	22.09	22.77	22.16
			13	23.00	22.22	22.77	22.00
	16QAM	25	0	23.00	22.28	22.83	22.35
			10	23.50	22.32	23.40	22.84
			13	23.50	22.37	23.24	22.40
		12	24	23.50	22.57	23.21	22.16
			0	23.00	21.99	22.80	22.35
			6	23.00	21.97	22.76	22.13
10MHz	QPSK	1	13	23.50	22.37	23.24	22.40
			24	23.50	22.57	23.21	22.16
			0	23.00	21.99	22.80	22.35
		25	6	23.00	21.97	22.76	22.13
			13	23.00	22.19	22.78	21.96
			25	23.00	22.18	22.84	22.28
	16QAM	1	0	23.50	21.83	23.07	22.87
			25	23.50	22.36	23.10	22.68
			49	23.50	22.55	23.09	22.10
		25	0	23.00	21.90	22.84	22.39
			13	23.00	22.08	22.83	22.24
			25	23.00	22.25	22.85	22.19
16QAM	50	0	23.00	22.17	22.80	22.32	
		0	23.50	21.75	23.01	23.20	
		25	23.50	22.30	23.10	22.53	
	1	49	23.50	22.49	23.10	23.01	
		0	23.00	21.87	22.83	22.43	
		13	23.00	22.03	22.83	22.58	
15MHz	QPSK	25	25	23.00	22.17	22.87	22.49
			50	23.00	22.16	22.83	22.59
			0	23.50	21.75	23.01	23.20
		1	25	23.50	22.30	23.10	22.53
			49	23.50	22.49	23.10	23.01
			0	23.00	21.87	22.83	22.43
	16QAM	50	13	23.00	22.03	22.83	22.58
			25	23.00	22.17	22.87	22.49
			0	23.00	22.16	22.83	22.59
		1	0	23.50	21.75	23.01	23.20
			25	23.50	22.30	23.10	22.53
			49	23.50	22.49	23.10	23.01

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20825	21100	21375
					2057.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	23.50	22.39	23.13	23.14
			38	23.50	23.12	23.30	23.01
			74	23.50	23.08	23.28	22.44
		36	0	23.00	22.37	22.81	22.75
			18	23.00	22.48	22.84	22.58
			39	23.00	22.54	22.87	22.36
			75	23.00	22.43	22.88	22.61
	16QAM	1	0	23.50	22.16	23.11	23.23
			38	23.50	22.90	23.27	23.23
			74	23.50	22.89	23.26	23.11
		36	0	23.00	22.18	22.81	22.83
			18	23.00	22.38	22.83	22.75
			39	23.00	22.53	22.87	22.69
			75	23.00	22.30	22.87	22.73
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	21350	21100	21350
					2560.0MHz	2535.0MHz	2560.0MHz
20MHz	QPSK	1	0	23.50	22.73	23.39	23.33
			50	23.50	22.98	23.50	23.33
			99	23.50	23.25	23.47	23.21
		50	0	23.00	22.22	22.97	22.98
			25	23.50	22.58	23.02	22.89
			50	23.50	22.70	23.04	22.78
			100	23.50	22.57	23.02	22.87
	16QAM	1	0	23.50	23.02	23.42	23.34
			50	23.50	23.14	23.50	23.29
			99	24.00	23.29	23.54	23.17
		50	0	23.00	22.51	22.99	22.99
			25	23.50	22.66	23.02	22.89
			50	23.50	22.71	23.04	22.77
			100	23.50	22.64	23.02	22.88

11.1.7 Conducted Power of LTE Band 12

LTE-FDD Band 12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23017 699.7MHz	23095 707.5MHz	23173 715.5MHz
1.4MHz	QPSK	1	0	23.50	23.44	23.50	23.43
			2	24.00	23.50	23.59	23.39
			5	24.00	23.46	23.57	23.39
		3	0	23.50	23.46	23.40	23.47
			2	23.50	23.41	23.38	23.38
			3	24.00	23.44	23.44	23.54
		6	0	22.50	22.49	22.41	22.45
	16QAM	1	0	23.50	23.49	23.44	23.43
			2	24.00	23.50	23.57	23.42
			5	24.00	23.48	23.58	23.42
		3	0	23.50	23.49	23.40	23.47
			2	23.50	23.41	23.38	23.38
			3	23.50	23.40	23.44	23.37
		6	0	22.50	22.47	22.41	22.44
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	23025 700.5MHz	23095 707.5MHz	23165 714.5MHz
3MHz	QPSK	1	0	24.00	23.76	23.38	23.35
			7	24.00	23.64	23.55	23.56
			14	24.00	23.64	23.65	23.52
		8	0	23.00	22.54	22.50	22.44
			4	23.00	22.51	22.48	22.44
			7	23.00	22.52	22.48	22.44
		15	0	23.00	22.51	22.50	22.47
	16QAM	1	0	24.00	23.45	23.36	23.54
			7	24.00	23.72	23.46	23.38
			14	24.00	23.64	23.39	23.43
		8	0	23.00	22.54	22.48	22.45
			4	23.00	22.52	22.45	22.43
			7	23.00	22.59	22.49	22.41
		15	0	23.00	22.53	22.50	22.47

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	23.78	23.77	23.63	
			13	24.00	23.76	23.71	23.56	
			24	24.00	23.68	23.67	23.65	
		12	0	23.00	22.58	22.56	22.54	
			6	23.00	22.58	22.52	22.51	
			13	23.00	22.58	22.55	22.55	
	16QAM	25	0	23.00	22.58	22.60	22.58	
			1	0	24.00	23.67	23.75	23.56
				13	24.00	23.67	23.67	23.62
		24		24.00	23.67	23.59	23.69	
		12	0	23.00	22.59	22.55	22.52	
			6	23.00	22.59	22.53	22.50	
	13		23.00	22.57	22.56	22.55		
	25	0	23.00	22.56	22.59	22.58		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23025	23095	23130	
					704.0MHz	707.5MHz	711.0MHz	
10MHz	QPSK	1	0	24.00	23.79	23.65	23.66	
			25	24.00	23.63	23.52	23.60	
			49	24.00	23.64	23.51	23.64	
		25	0	23.00	22.62	22.61	22.62	
			13	23.00	22.64	22.55	22.51	
			25	23.00	22.62	22.56	22.55	
	16QAM	50	0	23.00	22.61	22.59	22.58	
			1	0	24.00	23.73	23.66	23.66
				25	24.00	23.62	23.59	23.59
		49		24.00	23.64	23.52	23.59	
		25	0	23.00	22.61	22.61	22.61	
			13	23.00	22.63	22.54	22.53	
	25		23.00	22.62	22.56	22.56		
	50	0	23.00	22.60	22.58	22.56		

11.1.8 Conducted Power of LTE Band 13

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23205	23230	23255
					779.5MHz	782.0MHz	784.5MHz
5MHz	QPSK	1	0	24.00	23.75	23.70	23.78
			13	24.00	23.81	23.82	23.75
			24	24.00	23.80	23.84	23.79
		12	0	23.00	22.64	22.65	22.74
			6	23.00	22.62	22.66	22.73
			13	23.00	22.65	22.68	22.77
	16QAM	25	0	23.00	22.69	22.71	22.79
			0	24.00	23.62	23.78	23.72
			13	24.00	23.75	23.78	23.74
		1	24	24.00	23.76	23.86	23.76
			0	23.00	22.64	22.68	22.75
			6	23.00	22.63	22.65	22.73
		12	13	23.00	22.65	22.70	22.77
			0	23.00	22.69	22.71	22.79
			25	23.00	22.69	22.71	22.79
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23230		
					782.0MHz		
10MHz	QPSK	1	0	24.00		23.72	
			25	24.00		23.73	
			49	24.00		23.91	
		25	0	23.00		22.68	
			13	23.00		22.71	
			25	23.00		22.77	
	16QAM	50	0	23.00		22.72	
			0	24.00		23.71	
			25	24.00		23.72	
		1	49	24.00		23.87	
			0	23.00		22.67	
			13	23.00		22.70	
		25	25	23.00		22.78	
			0	23.00		22.70	
			50	23.00		22.70	

11.1.9 Conducted Power of LTE Band 17

LTE-FDD Band 17				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23755 706.5MHz	23790 710.0MHz	23825 713.5MHz
5MHz	QPSK	1	0	24.00	23.69	23.56	23.71
			13	24.00	23.68	23.62	23.70
			24	24.00	23.71	23.60	23.67
		12	0	23.00	22.62	22.63	22.60
			6	23.00	22.55	22.57	22.54
			13	23.00	22.58	22.56	22.54
	16QAM	25	0	23.00	22.60	22.62	22.60
			0	24.00	23.68	23.55	23.70
			13	24.00	23.64	23.60	23.66
		1	24	24.00	23.76	23.56	23.66
			0	23.00	22.58	22.62	22.60
			6	23.00	22.57	22.56	22.55
10MHz	QPSK	12	13	23.00	22.57	22.56	22.53
			0	23.00	22.60	22.63	22.59
		25	0	23.00	22.60	22.60	22.63
			0	24.00	23.71	23.62	23.68
		1	25	24.00	23.63	23.52	23.65
			49	24.00	23.69	23.58	23.63
	16QAM	25	0	23.00	22.60	22.62	22.64
			13	23.00	22.61	22.59	22.56
			25	23.00	22.60	22.57	22.54
		50	0	23.00	22.60	22.60	22.63
			0	24.00	23.71	23.62	23.68
			25	24.00	23.63	23.52	23.65

11.1.10 Conducted Power of LTE Band 38

LTE-TDD Band 38				Maximum Tune- up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		37775	38000	38225		
					2572.5MHz	2595.0MHz	2617.5MHz		
5MHz	QPSK	1	0	24.00	23.03	23.36	23.68		
			13	24.00	22.82	23.19	23.51		
			24	23.50	22.78	23.22	23.45		
		12	0	23.00	22.60	22.65	22.73		
			6	23.00	22.48	22.65	22.69		
			13	23.00	22.47	22.68	22.68		
	16QAM	25	0	23.00	22.65	22.71	22.73		
			1	0	24.00	23.02	23.36	23.69	
				13	23.50	22.80	23.19	23.50	
		12		24	23.50	22.78	23.23	23.46	
			12	0	23.00	22.57	22.64	22.73	
				6	23.00	22.47	22.69	22.69	
13	23.00	22.46		22.67	22.68				
25	0	23.00	22.65	22.70	22.74				
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	37800	38000	38200		
					2575.0MHz	2595.0MHz	2615.0MHz		
10MHz	QPSK	1	0	23.50	22.71	22.97	23.19		
			25	23.50	22.76	23.01	23.34		
			49	23.50	22.86	23.14	23.38		
		25	0	23.00	22.43	22.56	22.73		
			13	23.00	22.36	22.60	22.74		
			25	23.00	22.43	22.67	22.77		
		50	0	23.00	22.48	22.57	22.75		
			16QAM	1	0	23.50	22.69	22.97	23.18
					25	23.50	22.75	23.03	23.35
	49	23.50			22.86	23.17	23.38		
	16QAM	25	0	23.00	22.40	22.59	22.73		
			13	23.00	22.32	22.58	22.72		
			25	23.00	22.46	22.69	22.75		
		50	0	23.00	22.50	22.59	22.74		

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	QPSK	1	0	24.00	22.92	23.15	23.60
			38	24.00	23.06	23.26	23.58
			74	24.00	23.03	23.32	23.60
		36	0	23.00	22.58	22.65	22.67
			18	23.00	22.50	22.68	22.71
			39	23.00	22.62	22.71	22.72
	16QAM	75	0	23.00	22.55	22.64	22.71
			0	24.00	22.89	23.15	23.58
			38	24.00	23.04	23.26	23.58
		36	74	24.00	23.02	23.32	23.60
			0	23.00	22.51	22.65	22.67
			18	23.00	22.46	22.66	22.69
20MHz	QPSK	39	39	23.00	22.58	22.70	22.72
			0	23.00	22.57	22.66	22.70
		75	0	23.00	22.57	22.66	22.70
			0	23.50	22.74	23.13	23.30
		100	0	23.50	22.74	23.13	23.30
			50	23.50	22.99	23.32	23.40
20MHz	QPSK	1	50	23.50	22.99	23.32	23.40
			99	23.50	22.97	23.39	23.43
			0	23.00	22.44	22.69	22.70
		50	25	23.00	22.47	22.71	22.76
			50	23.00	22.53	22.76	22.78
			0	23.00	22.55	22.69	22.74
20MHz	16QAM	100	0	23.00	22.55	22.69	22.74
			0	23.00	22.55	22.69	22.74
		100	0	23.00	22.55	22.69	22.74
			0	23.00	22.55	22.69	22.74
		100	0	23.00	22.55	22.69	22.74
			0	23.00	22.55	22.69	22.74

11.1.11 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	23.28	22.89	23.50	22.78	23.05
			13	23.50	23.09	22.69	23.29	22.53	22.76
			24	23.50	23.11	22.71	23.30	22.49	22.67
		12	0	23.00	22.42	21.99	22.56	21.99	22.41
			6	23.00	22.35	21.94	22.53	21.91	22.28
			13	23.00	22.35	21.95	22.54	21.88	22.21
	16QAM	25	0	23.00	22.41	22.02	22.62	22.07	22.51
			0	23.50	23.24	22.87	23.50	22.77	23.03
			13	23.50	23.05	22.67	23.28	22.51	22.74
		1	24	23.50	23.08	22.69	23.29	22.48	22.66
			0	23.00	22.41	22.00	22.58	22.01	22.44
			6	23.00	22.35	21.96	22.56	21.94	22.31
		12	13	23.00	22.36	21.96	22.55	21.85	22.15
			25	23.00	22.42	22.01	22.60	22.03	22.45
			0	23.50	23.24	22.87	23.50	22.77	23.03
10MHz	QPSK	25	0	23.50	22.81	22.01	23.28	22.07	22.77
			25	23.50	22.93	21.98	23.20	22.01	22.64
			49	23.50	23.05	21.99	23.26	21.97	22.56
			0	23.00	22.43	22.02	22.62	21.98	22.29
			13	23.00	22.39	22.64	22.58	22.72	22.20
		50	25	23.00	22.40	22.73	22.64	22.73	22.16
			0	23.00	22.42	22.81	22.65	22.58	22.31
			0	23.50	22.77	22.02	23.28	22.06	22.76
			25	23.50	22.91	21.98	23.21	21.98	22.64
			49	23.50	23.04	22.00	23.27	21.95	22.56
	16QAM	25	0	23.00	22.42	22.01	22.62	21.99	22.30
			13	23.00	22.39	22.73	22.59	22.45	22.20
			25	23.00	22.39	22.73	22.69	22.59	22.09
			0	23.50	22.41	22.59	22.65	22.40	22.29
			0	23.00	22.42	22.01	22.62	21.99	22.30
		1	25	23.00	22.39	22.73	22.59	22.45	22.20
			49	23.00	22.39	22.73	22.69	22.59	22.09
			0	23.50	22.41	22.59	22.65	22.40	22.29
			0	23.00	22.42	22.01	22.62	21.99	22.30
			25	23.00	22.39	22.73	22.59	22.45	22.20

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39725	40160	40620	41030	41515		
					2503.5MHz	2547.0MHz	2593.0MHz	2634.0MHz	2682.5MHz		
15MHz	QPSK	1	0	23.50	22.98	22.65	23.31	22.73	23.15		
			38	23.50	23.11	22.75	23.39	22.73	23.07		
			74	23.50	23.21	22.82	23.43	22.59	22.75		
		36	0	23.00	22.38	22.01	22.64	22.07	22.49		
			18	23.00	22.35	21.98	22.61	22.01	22.41		
			39	23.00	22.35	21.99	22.63	21.97	22.30		
		75	0	23.00	22.39	22.02	22.64	21.98	22.32		
			16QAM	1	0	23.50	22.97	22.64	23.30	22.72	23.13
					38	23.50	23.07	22.73	23.39	22.73	23.06
	74	23.50			23.19	22.81	23.43	22.58	22.73		
	36	0		23.00	22.39	22.02	22.64	22.06	22.48		
		18		23.00	22.35	21.98	22.61	21.98	22.34		
		39		23.00	22.36	22.00	22.64	21.95	22.26		
	75	0	23.00	22.38	22.01	22.64	21.99	22.34			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39750	40185	40620	41055	41490	
2506 MHz						2549.5MHz	2593 MHz	2636.5MHz	2680 MHz		
20MHz	QPSK	1	0	23.50	22.75	22.46	23.16	22.55	22.93		
			50	23.50	23.11	22.70	23.29	22.53	22.77		
			99	23.50	23.04	22.71	23.38	22.47	22.55		
		50	0	23.00	22.47	22.08	22.69	22.02	22.35		
			25	23.00	22.45	22.11	22.76	22.00	22.24		
			50	23.00	22.47	22.11	22.74	21.96	22.17		
		100	0	23.00	22.44	22.08	22.71	22.00	22.29		
			1	0	23.50	22.72	22.44	23.16	22.54	22.92	
				50	23.50	23.08	22.69	23.30	22.53	22.76	
	99	23.50		23.02	22.70	23.38	22.46	22.54			
	16QAM	50	0	23.00	22.46	22.08	22.69	22.01	22.33		
			25	23.00	22.45	22.09	22.73	21.97	22.21		
			50	23.00	22.46	22.12	22.78	21.97	22.16		
		100	0	23.00	22.44	22.07	22.70	21.98	22.26		

11.1.12 Conducted Power of LTE Band 42

LTE-TDD Band 42				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		42115 3452.5MHz	42590 3500.0MHz	43065 3547.5MHz
5MHz	QPSK	1	0	21.50	21.46	21.15	21.27
			13	21.50	21.44	21.23	21.26
			24	21.50	21.47	21.25	21.29
		12	0	20.50	20.46	20.18	20.20
			6	20.50	20.42	20.23	20.19
			13	20.50	20.40	20.24	20.20
	16QAM	25	0	20.50	20.48	20.27	20.22
			0	21.50	21.47	21.11	21.29
			13	21.50	21.46	21.21	21.28
		1	24	21.50	21.45	21.26	21.30
			0	20.50	20.46	20.20	20.22
			6	20.50	20.43	20.22	20.19
10MHz	QPSK	12	13	20.50	20.41	20.26	20.21
			0	20.50	20.49	20.25	20.23
			25	20.50	20.49	20.25	20.23
	16QAM	25	0	20.50	20.49	20.25	20.23
			0	22.00	21.53	21.23	21.27
			25	21.50	21.49	21.26	21.25
	QPSK	1	49	21.50	21.46	21.45	21.25
			0	20.50	20.48	20.21	20.24
			13	20.50	20.45	20.22	20.23
	16QAM	25	25	20.50	20.45	20.34	20.25
			0	20.50	20.44	20.24	20.19
			0	22.00	21.54	21.21	21.28
15MHz	QPSK	1	25	21.50	21.48	21.27	21.25
			49	21.50	21.46	21.43	21.26
			0	21.00	20.53	20.21	20.22
	16QAM	25	13	20.50	20.47	20.23	20.23
			25	20.50	20.49	20.33	20.24
			0	20.50	20.48	20.26	20.20

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	21.50	21.50	21.13	21.29
			38	22.00	21.51	21.34	21.34
			74	21.50	21.44	21.48	21.36
		36	0	20.50	20.47	20.19	20.22
			18	20.50	20.46	20.24	20.23
			39	20.50	20.43	20.36	20.25
		75	0	20.50	20.42	20.27	20.22
			0	21.50	21.50	21.15	21.31
			38	21.50	21.47	21.35	21.35
	16QAM	1	74	21.50	21.47	21.49	21.34
			0	20.50	20.48	20.20	20.23
			18	20.50	20.44	20.25	20.24
		36	39	20.50	20.44	20.37	20.25
			0	20.50	20.46	20.28	20.23
			75	0	20.46	20.28	20.23
20MHz	QPSK	1	0	21.50	21.49	21.16	21.21
			50	21.50	21.46	21.42	21.28
			99	22.00	21.41	21.54	21.23
			0	21.00	20.53	20.21	20.31
			25	21.00	20.51	20.35	20.31
		50	50	20.50	20.46	20.42	20.30
			0	20.50	20.49	20.28	20.25
			0	21.50	21.50	21.14	21.19
			50	21.50	21.46	21.39	21.26
			99	22.00	21.42	21.55	21.24
		100	0	21.00	20.55	20.24	20.30
			25	20.50	20.50	20.34	20.30
			50	21.00	20.51	20.44	20.32
			0	20.50	20.50	20.29	11.1
	16QAM	1	0	21.50	21.50	21.14	21.19
			50	21.50	21.46	21.39	21.26
			99	22.00	21.42	21.55	21.24
			0	21.00	20.55	20.24	20.30
		50	25	20.50	20.50	20.34	20.30
			50	21.00	20.51	20.44	20.32
			0	20.50	20.50	20.29	11.1
			0	20.50	20.50	20.29	11.1
		100	0	20.50	20.50	20.29	11.1
			0	20.50	20.50	20.29	11.1
			0	20.50	20.50	20.29	11.1
			0	20.50	20.50	20.29	11.1

11.1.13 Conducted Power of LTE Band 66

LTE-FDD Band 66					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	131979	132322	132665
					1710.7MHz	1755.0MHz	1779.3MHz
1.4MHz	QPSK	1	0	24.50	23.60	24.02	23.24
			2	24.00	23.64	23.99	23.20
			5	24.00	23.64	24.00	23.07
		3	0	24.00	23.27	23.80	22.89
			2	24.00	23.26	23.84	22.89
			3	24.00	23.28	23.83	22.79
	16QAM	6	0	23.00	22.57	22.97	22.93
			0	24.50	23.60	24.02	23.19
			2	24.50	23.64	24.03	23.16
		3	5	24.50	23.61	24.01	23.05
			0	24.00	23.17	23.77	22.85
			2	24.00	23.14	23.79	22.86
3MHz	QPSK	1	3	24.00	23.18	23.79	22.74
			0	23.00	22.60	22.96	22.84
			0	24.50	23.60	24.02	23.19
		8	2	24.50	23.64	24.03	23.16
			5	24.50	23.61	24.01	23.05
			0	24.00	23.17	23.77	22.85
		15	2	24.00	23.14	23.79	22.86
			3	24.00	23.18	23.79	22.74
			0	23.00	22.60	22.96	22.84
	16QAM	1	0	24.00	23.46	23.99	23.36
			7	24.00	23.39	23.95	23.12
			14	24.00	23.48	23.94	23.09
		8	0	23.50	22.63	23.01	22.97
			4	23.50	22.58	23.01	22.89
			7	23.50	22.62	23.04	22.87
		15	0	23.50	22.66	23.04	22.93
			0	24.00	23.38	24.00	23.31
			7	24.00	23.34	23.95	23.10
5MHz	QPSK	1	14	24.00	23.43	23.94	23.07
			0	23.50	22.63	23.02	22.96
			4	23.00	22.62	23.00	22.89
		8	7	23.50	22.64	23.03	22.85
			0	23.50	22.65	23.05	22.94
		15	0	23.50	22.65	23.05	22.94
			0	24.50	23.50	24.12	23.37
		12	13	24.00	23.43	23.99	22.96
			24	24.50	23.36	24.03	22.83
			0	23.50	22.75	23.09	22.98
	16QAM	1	6	23.50	22.72	23.06	22.86
			13	23.50	22.72	23.09	22.78
			0	23.50	22.77	23.15	22.93
		12	0	24.50	23.40	24.17	23.32
			13	24.00	23.36	23.97	22.93
			24	24.50	23.31	24.01	22.82
		25	0	23.50	22.75	23.10	23.01
			6	23.50	22.72	23.06	22.88
			13	23.50	22.71	23.10	22.76

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	24.00	23.14	23.78	23.46
			25	24.00	23.31	23.88	23.22
			49	24.00	23.26	23.76	22.71
		25	0	23.50	22.79	23.08	23.12
			13	23.50	22.76	23.07	23.00
			25	23.50	22.84	23.13	22.72
	16QAM	50	0	23.50	22.79	23.11	22.95
			0	24.00	23.02	23.73	23.43
			25	24.00	23.23	23.84	23.21
		1	49	24.00	23.17	23.74	22.69
			0	23.50	22.79	23.09	23.13
			13	23.50	22.77	23.09	22.95
15MHz	QPSK	25	25	23.50	22.83	23.12	22.69
			0	23.50	22.80	23.12	22.95
			0	23.50	22.80	23.12	22.95
	16QAM	50	0	23.50	22.80	23.12	22.95
			0	23.50	22.80	23.12	22.95
			0	23.50	22.80	23.12	22.95
20MHz	QPSK	1	0	24.00	23.34	23.90	23.90
			38	24.00	23.38	23.89	23.42
			74	24.00	23.25	23.82	22.78
		36	0	23.50	22.82	23.13	23.35
			18	23.50	22.81	23.10	23.14
			39	23.50	22.89	23.13	22.72
	16QAM	75	0	23.50	22.89	23.15	23.11
			0	24.00	23.25	23.86	23.86
			0	24.00	23.25	23.86	23.86
		1	38	24.00	23.29	23.85	23.41
			74	24.00	23.18	23.77	22.75
			0	23.50	22.83	23.12	23.36
25MHz	QPSK	36	18	23.50	22.82	23.11	23.11
			39	23.50	22.90	23.14	22.76
			0	23.50	22.90	23.15	23.10
	16QAM	75	0	23.50	22.90	23.15	23.10
			0	23.50	22.90	23.15	23.10
			0	23.50	22.90	23.15	23.10
30MHz	QPSK	1	0	24.00	23.15	23.66	23.64
			50	24.00	23.33	23.82	23.28
			99	24.00	23.33	23.81	22.61
		50	0	23.50	22.94	23.21	23.33
			25	23.50	22.96	23.21	23.13
			50	23.50	23.04	23.22	22.73
	16QAM	100	0	23.50	22.98	23.22	23.10
			0	24.00	23.04	23.61	23.61
			50	24.00	23.23	23.77	23.27
		1	99	24.00	23.23	23.76	22.60
			0	23.50	22.94	23.21	23.31
			25	23.50	22.98	23.21	23.10
35MHz	QPSK	50	50	23.50	23.00	23.21	22.74
			0	23.50	22.97	23.22	23.09
			0	23.50	22.97	23.22	23.09
	16QAM	100	0	23.50	22.97	23.22	23.09
			0	23.50	22.97	23.22	23.09
			0	23.50	22.97	23.22	23.09

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	26.00	25.47	25.54	25.27
	DFT_QPSK	24@0	LOW	24.50	24.30	24.30	24.24
	DFT_QPSK	12@6	LOW	25.50	25.29	25.34	25.28
	DFT_QPSK	1@1	LOW	25.50	25.24	25.34	25.49
	DFT_QPSK	1@22	LOW	25.50	25.22	25.25	25.49
	DFT_QAM16	1@1	LOW	25.00	24.40	24.49	24.54
	DFT_QAM64	1@1	LOW	23.50	22.56	23.17	22.98
	DFT_QAM256	1@1	LOW	21.50	20.75	21.39	20.94
CP_QPSK	1@1	LOW	24.50	23.70	24.50	23.90	
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	26.00	25.04	25.32	25.63
	DFT_QPSK	36@0	LOW	24.50	24.30	24.28	24.29
	DFT_QPSK	18@9	LOW	25.50	25.29	25.32	25.28
	DFT_QPSK	1@1	LOW	26.00	25.09	25.22	25.63
	DFT_QPSK	1@36	LOW	26.00	25.14	25.23	25.58
	DFT_QAM16	1@1	LOW	25.00	24.01	24.09	24.66
	DFT_QAM64	1@1	LOW	23.50	22.66	22.57	23.17
	DFT_QAM256	1@1	LOW	21.50	20.68	20.68	21.35
CP_QPSK	1@1	LOW	24.50	24.05	24.46	23.61	
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	25.08	25.24	25.31
	DFT_QPSK	50@0	LOW	24.50	24.30	24.27	24.27
	DFT_QPSK	25@12	LOW	25.50	25.37	25.29	25.29
	DFT_QPSK	1@1	LOW	25.50	25.40	25.34	25.27
	DFT_QPSK	1@49	LOW	25.50	25.40	25.25	25.26
	DFT_QAM16	1@1	LOW	25.00	24.21	24.78	24.30
	DFT_QAM64	1@1	LOW	23.00	22.92	22.68	22.57
	DFT_QAM256	1@1	LOW	21.00	20.84	20.77	20.54
CP_QPSK	1@1	LOW	24.00	23.88	23.61	23.53	

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	25.21	25.41	25.21
	DFT QPSK	24@0	LOW	25.00	24.30	24.55	24.39
	DFT QPSK	12@6	LOW	26.00	25.21	25.55	25.28
	DFT QPSK	1@1	LOW	26.00	25.16	25.46	25.65
	DFT QPSK	1@22	LOW	26.00	25.21	25.54	25.42
	DFT QAM16	1@1	LOW	24.50	23.91	24.02	24.13
	DFT QAM64	1@1	LOW	23.00	22.59	22.83	22.60
	DFT QAM256	1@1	LOW	21.50	21.16	20.58	20.88
	CP QPSK	1@1	LOW	25.50	23.82	25.01	24.23
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	25.13	25.35	25.49
	DFT QPSK	36@0	LOW	25.00	24.36	24.59	24.46
	DFT QPSK	18@9	LOW	26.00	25.28	25.61	25.42
	DFT QPSK	1@1	LOW	25.50	25.13	25.45	25.27
	DFT QPSK	1@36	LOW	26.00	25.36	25.54	25.03
	DFT QAM16	1@1	LOW	25.50	24.00	25.15	24.64
	DFT QAM64	1@1	LOW	23.50	22.60	23.03	22.83
	DFT QAM256	1@1	LOW	21.50	20.96	21.01	20.67
	CP QPSK	1@1	LOW	24.00	23.90	23.84	23.76
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	24.99	25.36	25.20
	DFT QPSK	50@0	LOW	25.00	24.33	24.58	24.45
	DFT QPSK	25@12	LOW	26.00	25.38	25.64	25.47
	DFT QPSK	1@1	LOW	25.50	24.88	25.44	25.27
	DFT QPSK	1@49	LOW	26.00	25.27	25.52	25.03
	DFT QAM16	1@1	LOW	24.50	24.05	24.28	24.32
	DFT QAM64	1@1	LOW	23.50	23.19	23.15	22.82
	DFT QAM256	1@1	LOW	21.00	20.86	20.68	20.87
	CP QPSK	1@1	LOW	24.50	24.21	24.06	23.88

11.1.16 ConductdPower of NR n12

NR n12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
5MHz	DFT BPSK	1@1	LOW	26.00	25.18	25.61	25.41
	DFT QPSK	25@0	LOW	24.50	24.27	24.26	24.33
	DFT QPSK	12@6	LOW	25.50	25.32	25.28	25.31
	DFT QPSK	1@1	LOW	25.50	25.19	25.36	25.27
	DFT QPSK	1@23	LOW	25.50	25.25	25.35	25.22
	DFT QAM16	1@1	LOW	25.00	24.56	24.50	24.43
	DFT QAM64	1@1	LOW	23.50	22.51	22.72	23.28
	DFT QAM256	1@1	LOW	21.50	21.15	20.89	21.32
	CP QPSK	1@1	LOW	25.00	24.08	23.71	24.57
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	140800 704.0MHz	141500 707.5MHz	142200 711.0MHz
10MHz	DFT BPSK	1@1	LOW	25.50	25.19	25.16	25.27
	DFT QPSK	50@0	LOW	24.50	24.29	24.34	24.34
	DFT QPSK	25@12	LOW	25.50	25.32	25.29	25.33
	DFT QPSK	1@1	LOW	25.50	24.91	25.01	25.36
	DFT QPSK	1@50	LOW	25.50	25.04	25.09	25.25
	DFT QAM16	1@1	LOW	24.50	24.22	24.18	23.90
	DFT QAM64	1@1	LOW	23.00	22.99	22.38	22.69
	DFT QAM256	1@1	LOW	21.00	20.49	20.53	20.77
	CP QPSK	1@1	LOW	24.50	23.77	23.59	24.21
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	141300 706.5MHz	141500 707.5MHz	141700 708.8MHz
15MHz	DFT BPSK	1@1	LOW	25.50	25.50	25.28	25.18
	DFT QPSK	75@0	LOW	24.50	24.30	24.34	24.31
	DFT QPSK	36@18	LOW	25.50	25.37	25.32	25.32
	DFT QPSK	1@1	LOW	26.00	25.55	25.20	25.25
	DFT QPSK	1@77	LOW	26.00	25.60	25.21	25.17
	DFT QAM16	1@1	LOW	25.00	24.49	24.25	24.84
	DFT QAM64	1@1	LOW	23.50	23.23	22.88	22.98
	DFT QAM256	1@1	LOW	21.50	21.22	20.79	20.79
	CP QPSK	1@1	LOW	24.00	23.38	23.97	23.89

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	25.30	25.41	25.19
	DFT QPSK	24@0	LOW	24.50	24.37	24.45	24.50
	DFT QPSK	12@6	LOW	25.50	25.32	25.50	25.42
	DFT QPSK	1@1	LOW	26.00	25.49	25.60	25.32
	DFT QPSK	1@22	LOW	26.00	25.44	25.56	25.30
	DFT QAM16	1@1	LOW	24.50	24.12	24.17	24.39
	DFT QAM64	1@1	LOW	23.50	22.68	23.07	23.41
	DFT QAM256	1@1	LOW	21.50	20.49	21.17	20.93
	CP QPSK	1@1	LOW	25.50	23.53	25.32	24.07
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	25.22	25.30	25.41
	DFT QPSK	36@0	LOW	24.50	24.42	24.40	24.49
	DFT QPSK	18@9	LOW	26.00	25.38	25.48	25.55
	DFT QPSK	1@1	LOW	26.00	25.75	25.27	25.39
	DFT QPSK	1@36	LOW	26.00	25.75	25.47	25.36
	DFT QAM16	1@1	LOW	25.00	24.64	24.28	24.46
	DFT QAM64	1@1	LOW	23.50	23.31	22.74	23.21
	DFT QAM256	1@1	LOW	21.00	20.43	20.80	20.79
	CP QPSK	1@1	LOW	24.50	23.95	24.24	23.91
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	522500	519000	522000
					2580.0MHz	2595.0MHz	2610.0MHz
15MHz	DFT BPSK	1@1	LOW	25.50	25.12	25.10	25.31
	DFT QPSK	50@0	LOW	24.50	24.31	24.46	24.50
20MHz	DFT QPSK	25@12	LOW	25.50	25.43	25.50	25.42
	DFT QPSK	1@1	LOW	26.50	26.09	25.53	25.31
	DFT QPSK	1@49	LOW	26.50	26.14	25.61	25.28
	DFT QAM16	1@1	LOW	24.50	23.91	24.43	24.26
	DFT QAM64	1@1	LOW	24.00	23.51	22.59	22.63
	DFT QAM256	1@1	LOW	21.00	20.69	20.83	20.83
	CP QPSK	1@1	LOW	25.00	23.64	24.61	24.03

11.1.18 Conducted Power of NR n41

NR n41					Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	501204	518598	535998
					2506.0MHz	2593.0MHz	2680.0MHz
20MHz	DFT_BPSK	1@1	LOW	25.50	25.15	25.49	25.39
	DFT_QPSK	50@0	LOW	25.00	24.39	24.54	24.59
	DFT_QPSK	25@12	LOW	26.00	25.37	25.50	25.62
	DFT_QPSK	1@1	LOW	25.50	25.30	25.24	25.43
	DFT_QPSK	1@49	LOW	26.00	25.36	25.34	25.57
	DFT_QAM16	1@1	LOW	25.00	24.40	24.69	24.57
	DFT_QAM64	1@1	LOW	23.50	22.75	22.53	23.12
	DFT_QAM256	1@1	LOW	21.50	20.97	20.71	21.13
	CP_QPSK	1@1	LOW	24.50	23.53	24.13	24.27
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	25.50	25.09	25.28	25.31
	DFT_QPSK	128@0	LOW	25.00	24.33	24.52	24.53
	DFT_QPSK	64@32	LOW	25.50	25.47	25.48	25.42
	DFT_QPSK	1@1	LOW	26.00	25.14	25.75	25.34
	DFT_QPSK	1@131	LOW	26.00	25.33	25.74	25.63
	DFT_QAM16	1@1	LOW	24.50	24.03	24.49	24.13
	DFT_QAM64	1@1	LOW	23.50	23.21	22.73	22.67
	DFT_QAM256	1@1	LOW	21.00	20.79	20.81	20.76
	CP_QPSK	1@1	LOW	24.00	23.57	23.90	24.00
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	26.00	25.45	25.55	25.44
	DFT_QPSK	270@0	LOW	25.00	24.66	24.68	24.64
	DFT_QPSK	135@67	LOW	26.00	25.62	25.64	25.49
	DFT_QPSK	1@1	LOW	26.50	25.32	26.05	25.48
	DFT_QPSK	1@271	LOW	26.00	25.40	25.82	25.67
	DFT_QAM16	1@1	LOW	25.00	24.50	24.64	24.59
	DFT_QAM64	1@1	LOW	23.50	23.11	23.36	23.00
	DFT_QAM256	1@1	LOW	21.50	21.31	21.21	21.13
	CP_QPSK	1@1	LOW	25.00	24.46	24.14	24.95

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	26.00	25.36	25.74	24.77
	DFT_QPSK	24@0	LOW	25.00	24.39	24.74	24.33
	DFT_QPSK	12@6	LOW	25.50	24.94	25.44	24.18
	DFT_QPSK	1@1	LOW	26.00	25.26	25.61	24.70
	DFT_QPSK	1@22	LOW	26.00	25.10	25.62	24.05
	DFT_QAM16	1@1	LOW	25.00	24.74	24.57	24.43
	DFT_QAM64	1@1	LOW	23.50	23.21	23.05	22.98
	DFT_QAM256	1@1	LOW	21.50	21.09	21.39	20.79
	CP_QPSK	1@1	LOW	25.50	24.30	24.43	25.01
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	344000 1720.0MHz	349000 1745.0MHz	354000 1770.0MHz
20MHz	DFT_BPSK	1@1	LOW	25.50	24.57	24.96	25.27
	DFT_QPSK	50@0	LOW	25.00	24.45	24.71	24.65
	DFT_QPSK	25@12	LOW	25.50	24.67	25.29	24.75
	DFT_QPSK	1@1	LOW	25.50	24.51	25.14	25.15
	DFT_QPSK	1@49	LOW	25.50	24.71	25.38	23.87
	DFT_QAM16	1@1	LOW	25.50	24.35	24.60	25.28
	DFT_QAM64	1@1	LOW	23.50	22.94	23.27	23.11
	DFT_QAM256	1@1	LOW	21.50	21.10	21.09	21.11
	CP_QPSK	1@1	LOW	24.50	23.86	24.25	24.13
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	24.90	24.96	25.50
	DFT_QPSK	100@0	LOW	25.00	24.56	24.65	24.18
	DFT_QPSK	50@25	LOW	25.50	24.92	25.38	25.15
	DFT_QPSK	1@1	LOW	25.50	24.71	24.84	25.34
	DFT_QPSK	1@104	LOW	25.50	25.31	24.97	23.80
	DFT_QAM16	1@1	LOW	25.00	24.56	24.37	24.59
	DFT_QAM64	1@1	LOW	23.50	22.81	22.83	23.13
	DFT_QAM256	1@1	LOW	21.50	20.71	21.12	21.00
	CP_QPSK	1@1	LOW	24.50	23.76	24.01	24.12

11.1.20 Conducted Power of NR n77(3450-3550)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334 3455.0MHz	633334 3500.0MHz	636332 3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.50	27.04	27.45	27.24
	DFT_QPSK	24@0	LOW	26.50	26.18	26.47	26.03
	DFT_QPSK	12@6	LOW	28.00	27.25	27.53	27.15
	DFT_QPSK	1@1	LOW	28.00	27.14	27.62	27.34
	DFT_QPSK	1@22	LOW	28.00	27.31	27.65	27.28
	DFT_QAM16	1@1	LOW	26.50	26.08	26.40	25.92
	DFT_QAM64	1@1	LOW	25.00	24.62	24.75	24.84
	DFT_QAM256	1@1	LOW	23.00	22.66	22.70	22.97
	CP_QPSK	1@1	LOW	26.50	25.59	26.16	25.52
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	631668 3475.0MHz	633334 3500.0MHz	635000 3525.0MHz
50MHz	DFT_BPSK	1@1	LOW	28.00	26.97	27.45	27.54
	DFT_QPSK	128@0	LOW	26.50	26.49	26.50	26.43
	DFT_QPSK	64@32	LOW	28.00	27.58	27.59	27.30
	DFT_QPSK	1@1	LOW	28.00	27.21	27.80	27.47
	DFT_QPSK	1@131	LOW	28.00	27.63	27.12	27.10
	DFT_QAM16	1@1	LOW	27.00	26.17	26.58	26.49
	DFT_QAM64	1@1	LOW	25.50	24.81	25.08	25.10
	DFT_QAM256	1@1	LOW	23.50	22.94	23.10	22.89
	CP_QPSK	1@1	LOW	26.50	26.22	25.87	25.91
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	27.00	26.94		
	DFT_QPSK	270@0	LOW	26.50	26.36		
	DFT_QPSK	135@67	LOW	27.50	27.47		
	DFT_QPSK	1@1	LOW	27.00	26.91		
	DFT_QPSK	1@271	LOW	27.00	26.94		
	DFT_QAM16	1@1	LOW	26.00	26.00		
	DFT_QAM64	1@1	LOW	25.00	24.60		
	DFT_QAM256	1@1	LOW	23.00	22.73		
	CP_QPSK	1@1	LOW	26.00	25.56		

11.1.21 Conducted Power of NR n77(3550-3700)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000	641666	646332
					3560.0MHz	3625.0MHz	3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.50	27.15	27.09	26.73
	DFT_QPSK	24@0	LOW	26.50	25.95	26.08	25.77
	DFT_QPSK	12@6	LOW	27.50	26.99	27.03	26.87
	DFT_QPSK	1@1	LOW	27.50	27.08	27.04	26.75
	DFT_QPSK	1@22	LOW	27.00	26.98	27.00	26.77
	DFT_QAM16	1@1	LOW	26.00	25.81	25.57	25.61
	DFT_QAM64	1@1	LOW	25.00	24.81	24.75	24.72
	DFT_QAM256	1@1	LOW	23.00	22.76	22.94	22.32
	CP_QPSK	1@1	LOW	26.50	25.49	26.12	25.36
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	26.89	26.88	26.91
	DFT_QPSK	128@0	LOW	26.50	26.12	26.09	25.89
	DFT_QPSK	64@32	LOW	27.50	27.16	27.15	26.83
	DFT_QPSK	1@1	LOW	27.00	27.00	26.93	26.81
	DFT_QPSK	1@131	LOW	27.50	27.15	26.91	26.70
	DFT_QAM16	1@1	LOW	26.50	26.10	25.77	25.81
	DFT_QAM64	1@1	LOW	25.00	24.43	24.32	24.63
	DFT_QAM256	1@1	LOW	23.00	22.59	22.27	22.74
	CP_QPSK	1@1	LOW	26.00	25.80	25.31	25.17
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000	641666	643332
					3600.0MHz	3625.0MHz	3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	27.00	26.85	26.89	26.97
	DFT_QPSK	270@0	LOW	26.50	26.06	25.93	25.95
	DFT_QPSK	135@67	LOW	27.50	27.09	27.05	26.98
	DFT_QPSK	1@1	LOW	27.50	27.02	26.87	26.98
	DFT_QPSK	1@271	LOW	27.00	26.91	26.68	26.82
	DFT_QAM16	1@1	LOW	26.50	26.01	26.02	25.92
	DFT_QAM64	1@1	LOW	25.00	24.63	24.46	24.42
	DFT_QAM256	1@1	LOW	23.00	22.69	22.55	22.38
	CP_QPSK	1@1	LOW	25.50	25.50	25.33	25.42

11.1.22 Conducted Power of NR n77(3700-3980)

NR n77				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000 3705.0MHz	656000 3890.0MHz	665000 3975.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.00	26.77	26.84	26.83
	DFT_QPSK	24@0	LOW	26.00	25.78	25.97	25.92
	DFT_QPSK	12@6	LOW	27.50	26.76	27.02	26.91
	DFT_QPSK	1@1	LOW	27.00	26.73	26.92	26.77
	DFT_QPSK	1@22	LOW	27.00	26.73	26.95	26.77
	DFT_QAM16	1@1	LOW	26.00	25.25	25.80	25.73
	DFT_QAM64	1@1	LOW	25.00	24.45	24.75	24.36
	DFT_QAM256	1@1	LOW	23.00	22.58	22.41	22.37
	CP_QPSK	1@1	LOW	26.00	25.77	25.47	25.76
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	26.66	26.90	26.87
	DFT_QPSK	128@0	LOW	26.00	25.98	25.96	25.93
	DFT_QPSK	64@32	LOW	27.50	27.00	27.04	26.90
	DFT_QPSK	1@1	LOW	27.00	26.69	26.85	26.85
	DFT_QPSK	1@131	LOW	27.50	26.97	27.01	26.95
	DFT_QAM16	1@1	LOW	26.00	25.56	25.89	25.76
	DFT_QAM64	1@1	LOW	25.00	24.08	24.62	24.46
	DFT_QAM256	1@1	LOW	23.00	22.18	22.74	22.53
	CP_QPSK	1@1	LOW	26.00	25.24	25.25	25.54
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	26.65	26.86	26.96
	DFT_QPSK	270@0	LOW	26.00	25.86	25.97	25.93
	DFT_QPSK	135@67	LOW	27.00	26.98	26.99	26.90
	DFT_QPSK	1@1	LOW	27.00	26.75	26.85	26.96
	DFT_QPSK	1@271	LOW	27.50	26.84	27.01	26.86
	DFT_QAM16	1@1	LOW	26.00	25.72	25.84	25.95
	DFT_QAM64	1@1	LOW	24.50	24.25	24.33	24.43
	DFT_QAM256	1@1	LOW	23.00	22.22	22.18	22.62
	CP_QPSK	1@1	LOW	25.50	25.09	25.22	25.45

11.1.23 Conducted Power of NR n78(3450-3550)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		630334 3455.0MHz	633334 3500.0MHz	636332 3545.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.50	27.09	27.21	27.05
	DFT_QPSK	24@0	LOW	27.00	26.12	26.51	26.09
	DFT_QPSK	12@6	LOW	27.50	27.16	27.49	27.08
	DFT_QPSK	1@1	LOW	28.00	27.11	27.57	27.09
	DFT_QPSK	1@22	LOW	28.00	27.26	27.69	27.02
	DFT_QAM16	1@1	LOW	26.50	25.78	26.47	26.06
	DFT_QAM64	1@1	LOW	26.00	24.70	25.51	24.53
	DFT_QAM256	1@1	LOW	23.00	22.82	22.94	22.78
	CP_QPSK	1@1	LOW	27.00	26.05	26.64	26.12
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	631668 3475.0MHz	633334 3500.0MHz	635000 3525.0MHz
50MHz	DFT_BPSK	1@1	LOW	27.50	26.96	27.10	27.44
	DFT_QPSK	128@0	LOW	26.50	26.28	26.50	26.32
	DFT_QPSK	64@32	LOW	28.00	27.33	27.52	27.40
	DFT_QPSK	1@1	LOW	27.50	26.86	27.13	27.44
	DFT_QPSK	1@131	LOW	27.50	27.30	27.03	26.93
	DFT_QAM16	1@1	LOW	26.50	25.76	26.19	26.28
	DFT_QAM64	1@1	LOW	25.50	24.41	24.77	25.46
	DFT_QAM256	1@1	LOW	23.00	22.25	22.98	22.90
	CP_QPSK	1@1	LOW	26.00	25.46	25.77	25.85
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	27.00		26.82	
	DFT_QPSK	270@0	LOW	26.50		26.31	
	DFT_QPSK	135@67	LOW	27.50		27.43	
	DFT_QPSK	1@1	LOW	27.00		26.97	
	DFT_QPSK	1@271	LOW	27.00		26.89	
	DFT_QAM16	1@1	LOW	26.50		26.05	
	DFT_QAM64	1@1	LOW	24.50		24.41	
	DFT_QAM256	1@1	LOW	23.00		22.55	
	CP_QPSK	1@1	LOW	25.50		25.31	

11.1.24 Conducted Power of NR n78(3550-3700)

NR n78				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		637000	641666	646332
					3560.0MHz	3625.0MHz	3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.50	27.08	27.17	26.87
	DFT_QPSK	24@0	LOW	26.50	26.06	26.22	25.88
	DFT_QPSK	12@6	LOW	27.50	27.05	27.17	26.82
	DFT_QPSK	1@1	LOW	27.50	27.15	27.16	26.83
	DFT_QPSK	1@22	LOW	27.50	27.05	27.09	26.80
	DFT_QAM16	1@1	LOW	26.50	26.09	25.95	25.36
	DFT_QAM64	1@1	LOW	25.00	24.52	24.86	24.50
	DFT_QAM256	1@1	LOW	23.00	22.80	22.75	22.84
	CP_QPSK	1@1	LOW	26.00	25.52	25.57	25.75
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	27.50	27.03	26.86	26.86
	DFT_QPSK	128@0	LOW	26.50	26.22	26.06	25.90
	DFT_QPSK	64@32	LOW	27.50	27.22	27.13	26.90
	DFT_QPSK	1@1	LOW	27.50	27.01	26.92	26.91
	DFT_QPSK	1@131	LOW	27.50	27.23	26.95	26.82
	DFT_QAM16	1@1	LOW	26.50	25.91	26.04	25.76
	DFT_QAM64	1@1	LOW	25.00	24.92	24.34	24.33
	DFT_QAM256	1@1	LOW	23.00	22.43	22.60	22.38
	CP_QPSK	1@1	LOW	25.50	25.36	25.35	25.46
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	26.99	26.92	26.94
	DFT_QPSK	128@0	LOW	26.50	26.15	26.11	26.08
	DFT_QPSK	64@32	LOW	27.50	27.23	27.08	27.02
	DFT_QPSK	1@1	LOW	27.00	26.86	26.94	26.89
	DFT_QPSK	1@131	LOW	27.50	27.02	26.80	26.73
	DFT_QAM16	1@1	LOW	26.50	26.00	26.06	26.05
	DFT_QAM64	1@1	LOW	25.00	24.72	24.68	24.50
	DFT_QAM256	1@1	LOW	23.00	22.77	22.73	22.53
	CP_QPSK	1@1	LOW	26.00	25.24	25.94	25.37

11.1.25 Conducted Power of NR n78(3700-3800)

NR n78				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		647000	650000	653000
					3705.0MHz	3750.0MHz	3795.0MHz
10MHz	DFT_BPSK	1@1	LOW	27.00	26.78	26.82	26.85
	DFT_QPSK	24@0	LOW	26.50	25.82	26.03	25.93
	DFT_QPSK	12@6	LOW	27.00	26.82	26.89	26.95
	DFT_QPSK	1@1	LOW	27.00	26.80	26.92	26.85
	DFT_QPSK	1@22	LOW	27.00	26.77	26.97	26.88
	DFT_QAM16	1@1	LOW	26.00	25.32	25.78	25.84
	DFT_QAM64	1@1	LOW	25.00	24.45	24.81	24.44
	DFT_QAM256	1@1	LOW	23.00	22.71	22.60	22.61
	CP_QPSK	1@1	LOW	26.00	25.63	25.50	25.38
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334	650000	651666
					3725.0MHz	3750.0MHz	3775.0MHz
50MHz	DFT_BPSK	1@1	LOW	27.00	26.65	26.97	26.85
	DFT_QPSK	128@0	LOW	26.50	25.96	26.04	25.95
	DFT_QPSK	64@32	LOW	27.50	26.97	27.02	26.97
	DFT_QPSK	1@1	LOW	27.00	26.68	26.87	26.94
	DFT_QPSK	1@131	LOW	27.00	26.90	26.88	26.90
	DFT_QAM16	1@1	LOW	26.00	25.57	26.00	25.87
	DFT_QAM64	1@1	LOW	25.00	24.14	24.69	24.60
	DFT_QAM256	1@1	LOW	23.00	22.21	22.92	22.72
	CP_QPSK	1@1	LOW	26.00	25.29	25.56	25.45
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000		
					3750.0MHz		
100MHz	DFT_BPSK	1@1	LOW	27.00		26.72	
	DFT_QPSK	270@0	LOW	26.00		25.93	
	DFT_QPSK	135@67	LOW	27.00		26.99	
	DFT_QPSK	1@1	LOW	27.00		26.66	
	DFT_QPSK	1@271	LOW	27.00		26.82	
	DFT_QAM16	1@1	LOW	26.00		25.81	
	DFT_QAM64	1@1	LOW	24.50		24.23	
	DFT_QAM256	1@1	LOW	22.50		22.37	
	CP_QPSK	1@1	LOW	25.50		25.46	

11.1.26 Conducted Power of Wi-Fi 2.4G

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	19.21	19.17	19.49
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	21.52	21.62	22.19
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	22.55	22.57	22.92
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	1(2422)	6(2437)	11(2452)
Average Power(dBm)	22.86	22.44	22.57

11.1.27 Conducted Power of Wi-Fi 5G

Band	Mode	Channel	Frequency(MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-1 (5150-5250)	802.11a	36	5180	11.50 ± 1.0	11.44	No
		48	5240	12.00 ± 1.0	11.52	No
	802.11n-HT20	36	5180	14.00 ± 1.0	13.60	No
		48	5240	14.00 ± 1.0	13.55	No
	802.11n-HT40	38	5190	14.00 ± 1.0	13.84	No
		46	5230	14.50 ± 1.0	14.05	Yes
	802.11ac-VHT20	36	5180	13.00 ± 1.0	12.53	No
		48	5240	12.50 ± 1.0	12.41	No
	802.11ac-VHT40	38	5190	13.00 ± 1.0	12.74	No
		46	5230	13.50 ± 1.0	13.14	No
	802.11ac-VHT80	42	5210	12.50 ± 1.0	12.43	No
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	12.00 ± 1.0	11.67	No
		64	5320	12.00 ± 1.0	11.55	No
	802.11n-HT20	52	5260	14.00 ± 1.0	13.75	No
		64	5320	14.00 ± 1.0	13.57	Yes
	802.11n-HT40	54	5270	14.00 ± 1.0	13.68	No
		62	5310	13.00 ± 1.0	12.97	No
	802.11ac-VHT20	52	5260	13.00 ± 1.0	12.62	No
		64	5320	12.50 ± 1.0	12.43	No
	802.11ac-VHT40	54	5270	13.50 ± 1.0	13.19	No
		62	5310	12.50 ± 1.0	12.17	No
	802.11ac-VHT80	58	5290	12.50 ± 1.0	12.16	No
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	12.00 ± 1.0	11.69	No
		140	5700	12.50 ± 1.0	12.11	No
	802.11n-HT20	100	5500	13.50 ± 1.0	13.22	No
		140	5700	14.50 ± 1.0	14.02	No
	802.11n-HT40	102	5510	13.50 ± 1.0	13.06	No
		134	5670	14.50 ± 1.0	14.17	Yes
	802.11ac-VHT20	100	5500	13.00 ± 1.0	12.54	No
		140	5700	13.00 ± 1.0	13.00	No
	802.11ac-VHT40	102	5510	12.50 ± 1.0	12.19	No
		134	5670	13.50 ± 1.0	13.32	No
	802.11ac-VHT80	106	5530	12.00 ± 1.0	11.96	No
		122	5610	12.00 ± 1.0	11.69	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 ± 1.0	12.16	No
		165	5825	13.50 ± 1.0	13.32	No
	802.11n-HT20	149	5745	14.00 ± 1.0	13.98	No
		165	5825	14.50 ± 1.0	14.43	Yes
	802.11n-HT40	151	5755	14.50 ± 1.0	14.08	No
		159	5795	14.50 ± 1.0	14.36	No
	802.11ac-VHT20	149	5745	13.50 ± 1.0	13.13	No
		165	5825	14.50 ± 1.0	14.13	No
	802.11ac-VHT40	151	5755	13.50 ± 1.0	13.24	No
		159	5795	13.50 ± 1.0	13.42	No
	802.11ac-VHT80	155	5775	13.50 ± 1.0	13.11	No

11.1.28 Conducted Power of BT

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
	GFSK	15.50	8.43	11.91	15.06
	π/4QPSK	14.50	7.36	10.88	14.24
	8DPSK	14.00	7.11	10.27	13.58
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
	1Mbps	5.50	3.92	5.09	4.62
	2Mbps	5.50	4.23	5.13	4.75
Channel	Frequency (GHz)	Max. Tune-up Power (dBm)	Max. Power (dBm)	Exclusion thresholds for 1-g SAR(dBm)	SAR evaluation required
78	2480	15.50	15.06	4.77	Yes
19	2.440	5.50	5.13	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 =32.50 ±1.0dBm
		1TXslots	Max output power =32.50 ±1.0dBm
		2TXslots	Max output power =32.00 ±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 =27.50 ±1.0dBm
		2TXslots	Max output power =26.50 ±1.0dBm
		3TXslots	Max output power =25.00 ±1.0dBm
GSM1900	GSM/GPRS (GMSK)	4TXslots	Max output power =23.50 ±1.0dBm
		GSM	Max output power =28.50 ±1.0dBm
		1TXslots	Max output power =28.50 ±1.0dBm
		2TXslots	Max output power =27.50 ±1.0dBm
	EGPRS (8-PSK)	3TXslots	Max output power =25.50 ±1.0dBm
		4TXslots	Max output power =24.50 ±1.0dBm
		1TXslots	Max output power =25.00 ±1.0dBm
		2TXslots	Max output power =23.50 ±1.0dBm
WCDMA 2		3TXslots	Max output power =21.50 ±1.0dBm
WCDMA 4		4TXslots	Max output power =20.50 ±1.0dBm
WCDMA 5			
LTE B2			Max output power =24.50±1.0dBm
LTE B4			Max output power =24.00±1.0dBm
LTE B5			Max output power =24.00±1.0dBm
LTE B7			Max output power =25.00±1.0dBm
LTE B12			Max output power =24.00±1.0dBm
LTE B13			Max output power =24.00±1.0dBm
LTE B17			Max output power =24.00±1.0dBm
LTE B38			Max output power =24.00±1.0dBm
LTE B41			Max output power =24.00±1.0dBm
LTE B42			Max output power =22.00±1.0dBm
LTE B66			Max output power =24.50±1.0dBm
NR n5			Max output power =26.00±1.0dBm
NR n7			Max output power =26.00±1.0dBm
NR n12			Max output power =26.00±1.0dBm
NR n38			Max output power =26.50±1.0dBm
NR n41			Max output power =26.50±1.0dBm
NR n66			Max output power =26.00±1.0dBm
NR n77			Max output power =28.00±1.0dBm
NR n77			Max output power =27.50±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 =27.50±1.0dBm
NR n78			Max output power =27.50±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 =22.50±1.0dBm
		802.11n (HT20)	Max output power =23.00±1.0dBm
		802.11n (HT40)	Max output power =23.00±1.0dBm
		U-NII-1(5150-5250)	Max output power =14.50±1.0dBm
		U-NII-2a(5250-5350)	Max output power =14.00±1.0dBm
		U-NII-2c(5470-5725)	Max output power =14.50±1.0dBm
BT		U-NII-3(5725-5825)	Max output power =14.50±1.0dBm
		GFSK mode	Max output power =11.00±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 =6.50±1.0dBm
		2Mbps Power	Max output power =6.00±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	-0.05	0.262	100	1.00	32.45	32.50	1.012	0.265
	Left Tilt	128	824.2	0.02	0.335	100	1.00	32.45	32.50	1.012	0.339
	Right Cheek	128	824.2	0.01	0.506	100	1.00	32.45	32.50	1.012	0.512
	Right Tilt	128	824.2	-0.10	0.641	100	1.00	32.45	32.50	1.012	0.648
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	-0.080	0.542	100	1.00	32.45	32.50	1.012	0.548
	Back	128	824.2	-0.070	0.693	100	1.00	32.45	32.50	1.012	0.701
	Left	128	824.2	-0.020	0.620	100	1.00	32.45	32.50	1.012	0.627
	Right	128	824.2	0.110	0.427	100	1.00	32.45	32.50	1.012	0.432
	Top	128	824.2	0.090	0.573	100	1.00	32.45	32.50	1.012	0.580
	Bottom	128	824.2	-0.070	0.029	100	1.00	32.45	32.50	1.012	0.029

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 1900 (voice)	Left Cheek	512	1850.2	0.03	0.111	100	1.00	28.14	28.50	1.086	0.121
	Left Tilt	512	1850.2	0.05	0.192	100	1.00	28.14	28.50	1.086	0.209
	Right Cheek	512	1850.2	-0.06	0.232	100	1.00	28.14	28.50	1.086	0.252
	Right Tilt	512	1850.2	0.01	0.427	100	1.00	28.14	28.50	1.086	0.464
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 1900+4slots	Front	512	1850.2	0.01	0.208	100	1.00	28.14	28.50	1.086	0.226
	Back	512	1850.2	-0.01	0.411	100	1.00	28.14	28.50	1.086	0.447
	Left	512	1850.2	0.04	0.306	100	1.00	28.14	28.50	1.086	0.332
	Right	512	1850.2	0.02	0.109	100	1.00	28.14	28.50	1.086	0.118
	Top	512	1850.2	0.03	0.348	100	1.00	28.14	28.50	1.086	0.378
	Bottom	512	1850.2	-0.13	0.011	100	1.00	28.14	28.50	1.086	0.012

11.4.2 Results overview of WCDMA

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Left Cheek	9400	1880	-0.05	0.195	100	1.00	24.18	24.50	1.076	0.210
	Left Tilt	9400	1880	0.03	0.341	100	1.00	24.18	24.50	1.076	0.367
	Right Cheek	9400	1880	0.04	0.364	100	1.00	24.18	24.50	1.076	0.392
	Right Tilt	9400	1880	-0.02	0.662	100	1.00	24.18	24.50	1.076	0.713
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Front	9400	1880	0.07	0.043	100	1.00	24.18	24.50	1.076	0.046
	Back	9400	1880	0.01	0.137	100	1.00	24.18	24.50	1.076	0.147
	Left	9400	1880	-0.03	0.088	100	1.00	24.18	24.50	1.076	0.095
	Right	9400	1880	-0.10	0.029	100	1.00	24.18	24.50	1.076	0.031
	Top	9400	1880	0.04	0.120	100	1.00	24.18	24.50	1.076	0.129
	Bottom	9400	1880	-0.15	0.002	100	1.00	24.18	24.50	1.076	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 4 (RMC*)	Left Cheek	1312	1712.4	0.03	0.197	100	1.00	24.05	24.50	1.109	0.219
	Left Tilt	1312	1712.4	-0.01	0.338	100	1.00	24.05	24.50	1.109	0.375
	Right Cheek	1312	1712.4	-0.06	0.343	100	1.00	24.05	24.50	1.109	0.380
	Right Tilt	1312	1712.4	-0.03	0.626	100	1.00	24.05	24.50	1.109	0.694
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Front	1312	1712.4	-0.02	0.081	100	1.00	24.05	24.50	1.109	0.090
	Back	1312	1712.4	-0.01	0.113	100	1.00	24.05	24.50	1.109	0.125
	Left	1312	1712.4	0.01	0.065	100	1.00	24.05	24.50	1.109	0.072
	Right	1312	1712.4	0.09	0.017	100	1.00	24.05	24.50	1.109	0.019
	Top	1312	1712.4	0.04	0.094	100	1.00	24.05	24.50	1.109	0.104
	Bottom	1312	1712.4	-0.17	0.002	100	1.00	24.05	24.50	1.109	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Left Cheek	183	836.6	0.02	0.157	100	1.00	25.54	26.00	1.112	0.175
	Left Tilt	183	836.6	-0.04	0.214	100	1.00	25.54	26.00	1.112	0.238
	Right Cheek	183	836.6	0.02	0.295	100	1.00	25.54	26.00	1.112	0.328
	Right Tilt	183	836.6	-0.01	0.406	100	1.00	25.54	26.00	1.112	0.451
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	183	836.6	-0.03	0.053	100	1.00	25.54	26.00	1.112	0.059
	Back	183	836.6	-0.08	0.076	100	1.00	25.54	26.00	1.112	0.084
	Left	183	836.6	0.04	0.044	100	1.00	25.54	26.00	1.112	0.049
	Right	183	836.6	-0.12	0.004	100	1.00	25.54	26.00	1.112	0.004
	Top	183	836.6	-0.02	0.038	100	1.00	25.54	26.00	1.112	0.042
	Bottom	183	836.6	-0.13	0.002	100	1.00	25.54	26.00	1.112	0.002

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	18700	1860.0	0.03	0.216	100	1.00	23.84	24.00	1.038	0.224
		Left Tilt	18700	1860.0	0.01	0.397	100	1.00	23.84	24.00	1.038	0.412
		Right Cheek	18700	1860.0	-0.05	0.562	100	1.00	23.84	24.00	1.038	0.583
		Right Tilt	18700	1860.0	-0.04	0.625	100	1.00	23.84	24.00	1.038	0.648
	50%RB	Left Cheek	18700	1860.0	0.05	0.188	100	1.00	23.84	24.00	1.038	0.195
		Left Tilt	18700	1860.0	-0.02	0.357	100	1.00	23.84	24.00	1.038	0.370
		Right Cheek	18700	1860.0	-0.03	0.349	100	1.00	23.84	24.00	1.038	0.362
		Right Tilt	18700	1860.0	0.02	0.598	100	1.00	23.84	24.00	1.038	0.620
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Front	18700	1860.0	0.03	0.083	100	1.00	23.84	24.00	1.038	0.086
		Back	18700	1860.0	0.03	0.121	100	1.00	23.84	24.00	1.038	0.126
		Left	18700	1860.0	-0.02	0.071	100	1.00	23.84	24.00	1.038	0.074
		Right	18700	1860.0	0.07	0.042	100	1.00	23.84	24.00	1.038	0.044
		Top	18700	1860.0	0.03	0.064	100	1.00	23.84	24.00	1.038	0.066
		Bottom	18700	1860.0	-0.16	0.002	100	1.00	23.84	24.00	1.038	0.002
	50%RB	Front	18700	1860.0	0.06	0.077	100	1.00	23.84	24.00	1.038	0.080
		Back	18700	1860.0	-0.05	0.118	100	1.00	23.84	24.00	1.038	0.122
		Left	18700	1860.0	-0.02	0.063	100	1.00	23.84	24.00	1.038	0.065
		Right	18700	1860.0	-0.14	0.036	100	1.00	23.84	24.00	1.038	0.037
		Top	18700	1860.0	0.03	0.052	100	1.00	23.84	24.00	1.038	0.054
		Bottom	18700	1860.0	0.11	0.020	100	1.00	23.84	24.00	1.038	0.021

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 4 (BW: 20MHz)	1RB	Left Cheek	20393	1754.3	0.04	0.184	100	1.00	23.86	24.00	1.033	0.190
		Left Tilt	20393	1754.3	-0.01	0.356	100	1.00	23.86	24.00	1.033	0.368
		Right Cheek	20393	1754.3	0.06	0.313	100	1.00	23.86	24.00	1.033	0.323
		Right Tilt	20393	1754.3	-0.01	0.565	100	1.00	23.86	24.00	1.033	0.584
	50%RB	Left Cheek	20393	1754.3	-0.03	0.158	100	1.00	23.86	24.00	1.033	0.163
		Left Tilt	20393	1754.3	0.04	0.334	100	1.00	23.86	24.00	1.033	0.345
		Right Cheek	20393	1754.3	-0.02	0.295	100	1.00	23.86	24.00	1.033	0.305
		Right Tilt	20393	1754.3	0.05	0.502	100	1.00	23.86	24.00	1.033	0.518
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20393	1754.3	-0.03	0.068	100	1.00	23.86	24.00	1.033	0.070
		Back	20393	1754.3	0.06	0.097	100	1.00	23.86	24.00	1.033	0.100
		Left	20393	1754.3	0.05	0.057	100	1.00	23.86	24.00	1.033	0.059
		Right	20393	1754.3	0.04	0.022	100	1.00	23.86	24.00	1.033	0.023
		Top	20393	1754.3	-0.08	0.053	100	1.00	23.86	24.00	1.033	0.055
		Bottom	20393	1754.3	-0.17	0.002	100	1.00	23.86	24.00	1.033	0.002
	50%RB	Front	20393	1754.3	-0.06	0.061	100	1.00	23.86	24.00	1.033	0.063
		Back	20393	1754.3	0.02	0.089	100	1.00	23.86	24.00	1.033	0.092
		Left	20393	1754.3	0.04	0.047	100	1.00	23.86	24.00	1.033	0.049
		Right	20393	1754.3	-0.08	0.018	100	1.00	23.86	24.00	1.033	0.019
		Top	20393	1754.3	-0.06	0.042	100	1.00	23.86	24.00	1.033	0.043
		Bottom	20393	1754.3	-0.18	0.002	100	1.00	23.86	24.00	1.033	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 5 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	-0.03	0.124	100	1.00	24.52	25.00	1.117	0.138
		Left Tilt	20450	829.0	-0.40	0.294	100	1.00	24.52	25.00	1.117	0.328
		Right Cheek	20450	829.0	-0.01	0.267	100	1.00	24.52	25.00	1.117	0.298
		Right Tilt	20450	829.0	-0.02	0.416	100	1.00	24.52	25.00	1.117	0.465
	50%RB	Left Cheek	20450	829.0	0.02	0.105	100	1.00	24.52	25.00	1.117	0.117
		Left Tilt	20450	829.0	-0.06	0.263	100	1.00	24.52	25.00	1.117	0.294
		Right Cheek	20450	829.0	0.01	0.246	100	1.00	24.52	25.00	1.117	0.275
		Right Tilt	20450	829.0	-0.03	0.387	100	1.00	24.52	25.00	1.117	0.432
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20450	829.0	0.05	0.056	100	1.00	24.52	25.00	1.117	0.063
		Back	20450	829.0	-0.03	0.074	100	1.00	24.52	25.00	1.117	0.083
		Left	20450	829.0	0.02	0.040	100	1.00	24.52	25.00	1.117	0.045
		Right	20450	829.0	0.03	0.009	100	1.00	24.52	25.00	1.117	0.010
		Top	20450	829.0	-0.04	0.038	100	1.00	24.52	25.00	1.117	0.042
		Bottom	20450	829.0	0.12	0.002	100	1.00	24.52	25.00	1.117	0.002
	50%RB	Front	20450	829.0	-0.02	0.051	100	1.00	24.52	25.00	1.117	0.057
		Back	20450	829.0	0.05	0.069	100	1.00	24.52	25.00	1.117	0.077
		Left	20450	829.0	0.09	0.036	100	1.00	24.52	25.00	1.117	0.040
		Right	20450	829.0	-0.12	0.006	100	1.00	24.52	25.00	1.117	0.007
		Top	20450	829.0	0.07	0.030	100	1.00	24.52	25.00	1.117	0.034
		Bottom	20450	829.0	0.15	0.002	100	1.00	24.52	25.00	1.117	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 7 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	0.04	0.182	100	1.00	23.54	24.00	1.112	0.202
		Left Tilt	21100	2535.0	-0.05	0.416	100	1.00	23.54	24.00	1.112	0.462
		Right Cheek	21100	2535.0	0.01	0.295	100	1.00	23.54	24.00	1.112	0.328
		Right Tilt	21100	2535.0	-0.02	0.514	100	1.00	23.54	24.00	1.112	0.571
	50%RB	Left Cheek	21100	2535.0	0.08	0.162	100	1.00	23.54	24.00	1.112	0.180
		Left Tilt	21100	2535.0	-0.03	0.396	100	1.00	23.54	24.00	1.112	0.440
		Right Cheek	21100	2535.0	-0.04	0.261	100	1.00	23.54	24.00	1.112	0.290
		Right Tilt	21100	2535.0	0.02	0.463	100	1.00	23.54	24.00	1.112	0.515
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.07	0.097	100	1.00	23.54	24.00	1.112	0.108
		Back	21100	2535.0	0.03	0.143	100	1.00	23.54	24.00	1.112	0.159
		Left	21100	2535.0	-0.02	0.083	100	1.00	23.54	24.00	1.112	0.092
		Right	21100	2535.0	0.06	0.019	100	1.00	23.54	24.00	1.112	0.021
		Top	21100	2535.0	0.04	0.136	100	1.00	23.54	24.00	1.112	0.151
		Bottom	21100	2535.0	-0.10	0.003	100	1.00	23.54	24.00	1.112	0.003
	50%RB	Front	21100	2535.0	-0.02	0.090	100	1.00	23.54	24.00	1.112	0.100
		Back	21100	2535.0	0.04	0.138	100	1.00	23.54	24.00	1.112	0.153
		Left	21100	2535.0	0.09	0.075	100	1.00	23.54	24.00	1.112	0.083
		Right	21100	2535.0	-0.03	0.014	100	1.00	23.54	24.00	1.112	0.016
		Top	21100	2535.0	-0.01	0.127	100	1.00	23.54	24.00	1.112	0.141
		Bottom	21100	2535.0	-0.17	0.002	100	1.00	23.54	24.00	1.112	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 12 (BW: 10MHz)	1RB	Left Cheek	23025	704.0	0.04	0.129	100	1.00	23.79	24.00	1.050	0.135
		Left Tilt	23025	704.0	0.01	0.315	100	1.00	23.79	24.00	1.050	0.331
		Right Cheek	23025	704.0	0.02	0.357	100	1.00	23.79	24.00	1.050	0.375
		Right Tilt	23025	704.0	-0.05	0.522	100	1.00	23.79	24.00	1.050	0.548
	50%RB	Left Cheek	23025	704.0	0.03	0.111	100	1.00	23.79	24.00	1.050	0.116
		Left Tilt	23025	704.0	0.01	0.268	100	1.00	23.79	24.00	1.050	0.281
		Right Cheek	23025	704.0	-0.05	0.341	100	1.00	23.79	24.00	1.050	0.358
		Right Tilt	23025	704.0	0.02	0.492	100	1.00	23.79	24.00	1.050	0.516
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 12 (BW: 10MHz)	1RB	Front	23025	704.0	-0.03	0.059	100	1.00	23.79	24.00	1.050	0.062
		Back	23025	704.0	0.00	0.071	100	1.00	23.79	24.00	1.050	0.075
		Left	23025	704.0	0.04	0.042	100	1.00	23.79	24.00	1.050	0.044
		Right	23025	704.0	0.02	0.006	100	1.00	23.79	24.00	1.050	0.006
		Top	23025	704.0	0.06	0.037	100	1.00	23.79	24.00	1.050	0.039
		Bottom	23025	704.0	-0.15	0.002	100	1.00	23.79	24.00	1.050	0.002
	50%RB	Front	23025	704.0	0.06	0.053	100	1.00	23.79	24.00	1.050	0.056
		Back	23025	704.0	-0.03	0.063	100	1.00	23.79	24.00	1.050	0.066
		Left	23025	704.0	-0.01	0.039	100	1.00	23.79	24.00	1.050	0.041
		Right	23025	704.0	0.16	0.004	100	1.00	23.79	24.00	1.050	0.004
		Top	23025	704.0	0.02	0.034	100	1.00	23.79	24.00	1.050	0.036
		Bottom	23025	704.0	-0.12	0.002	100	1.00	23.79	24.00	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)
Band 13 (BW: 10MHz)	1RB	Left Cheek	23230	782.0	0.03	0.109	100	1.00	23.91	24.00	1.021	0.111
		Left Tilt	23230	782.0	-0.02	0.173	100	1.00	23.91	24.00	1.021	0.177
		Right Cheek	23230	782.0	-0.03	0.298	100	1.00	23.91	24.00	1.021	0.304
		Right Tilt	23230	782.0	-0.06	0.422	100	1.00	23.91	24.00	1.021	0.431
	50%RB	Left Cheek	23230	782.0	-0.04	0.105	100	1.00	23.91	24.00	1.021	0.107
		Left Tilt	23230	782.0	0.03	0.162	100	1.00	23.91	24.00	1.021	0.165
		Right Cheek	23230	782.0	0.04	0.267	100	1.00	23.91	24.00	1.021	0.273
		Right Tilt	23230	782.0	-0.06	0.358	100	1.00	23.91	24.00	1.021	0.365
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 13 (BW: 10MHz)	1RB	Front	23230	782.0	0.04	0.059	100	1.00	23.91	24.00	1.021	0.060
		Back	23230	782.0	-0.05	0.081	100	1.00	23.91	24.00	1.021	0.083
		Left	23230	782.0	-0.06	0.053	100	1.00	23.91	24.00	1.021	0.054
		Right	23230	782.0	0.02	0.011	100	1.00	23.91	24.00	1.021	0.011
		Top	23230	782.0	0.03	0.049	100	1.00	23.91	24.00	1.021	0.050
		Bottom	23230	782.0	-0.17	0.002	100	1.00	23.91	24.00	1.021	0.002
	50%RB	Front	23230	782.0	-0.05	0.053	100	1.00	23.91	24.00	1.021	0.054
		Back	23230	782.0	0.03	0.076	100	1.00	23.91	24.00	1.021	0.078
		Left	23230	782.0	0.04	0.048	100	1.00	23.91	24.00	1.021	0.049
		Right	23230	782.0	-0.15	0.008	100	1.00	23.91	24.00	1.021	0.008
		Top	23230	782.0	-0.08	0.046	100	1.00	23.91	24.00	1.021	0.047
		Bottom	23230	782.0	-0.12	0.002	100	1.00	23.91	24.00	1.021	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 17 (BW: 10MHz)	1RB	Left Cheek	23755	706.5	0.06	0.146	100	1.00	23.76	24.00	1.057	0.154
		Left Tilt	23755	706.5	0.01	0.225	100	1.00	23.76	24.00	1.057	0.238
		Right Cheek	23755	706.5	-0.03	0.402	100	1.00	23.76	24.00	1.057	0.425
		Right Tilt	23755	706.5	-0.03	0.530	100	1.00	23.76	24.00	1.057	0.560
	50%RB	Left Cheek	23755	706.5	-0.04	0.133	100	1.00	23.76	24.00	1.057	0.141
		Left Tilt	23755	706.5	0.02	0.192	100	1.00	23.76	24.00	1.057	0.203
		Right Cheek	23755	706.5	0.05	0.384	100	1.00	23.76	24.00	1.057	0.406
		Right Tilt	23755	706.5	0.02	0.515	100	1.00	23.76	24.00	1.057	0.544
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 17 (BW: 10MHz)	1RB	Front	23755	706.5	0.04	0.048	100	1.00	23.76	24.00	1.057	0.051
		Back	23755	706.5	-0.10	0.075	100	1.00	23.76	24.00	1.057	0.079
		Left	23755	706.5	-0.02	0.041	100	1.00	23.76	24.00	1.057	0.043
		Right	23755	706.5	0.07	0.006	100	1.00	23.76	24.00	1.057	0.006
		Top	23755	706.5	-0.03	0.056	100	1.00	23.76	24.00	1.057	0.059
		Bottom	23755	706.5	-0.14	0.002	100	1.00	23.76	24.00	1.057	0.002
	50%RB	Front	23755	706.5	0.03	0.043	100	1.00	23.76	24.00	1.057	0.045
		Back	23755	706.5	-0.04	0.068	100	1.00	23.76	24.00	1.057	0.072
		Left	23755	706.5	0.06	0.036	100	1.00	23.76	24.00	1.057	0.038
		Right	23755	706.5	-0.09	0.003	100	1.00	23.76	24.00	1.057	0.003
		Top	23755	706.5	-0.04	0.045	100	1.00	23.76	24.00	1.057	0.048
		Bottom	23755	706.5	-0.13	0.002	100	1.00	23.76	24.00	1.057	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 38 (BW: 20MHz)	1RB	Left Cheek	38225	2617.5	0.04	0.186	100	1.00	23.69	24.00	1.074	0.200
		Left Tilt	38225	2617.5	-0.09	0.284	100	1.00	23.69	24.00	1.074	0.305
		Right Cheek	38225	2617.5	0.06	0.386	100	1.00	23.69	24.00	1.074	0.415
		Right Tilt	38225	2617.5	-0.03	0.659	100	1.00	23.69	24.00	1.074	0.708
	50%RB	Left Cheek	38225	2617.5	-0.03	0.169	100	1.00	23.69	24.00	1.074	0.182
		Left Tilt	38225	2617.5	0.07	0.267	100	1.00	23.69	24.00	1.074	0.287
		Right Cheek	38225	2617.5	0.02	0.329	100	1.00	23.69	24.00	1.074	0.353
		Right Tilt	38225	2617.5	-0.05	0.574	100	1.00	23.69	24.00	1.074	0.616
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 38 (BW: 20MHz)	1RB	Front	38225	2617.5	-0.08	0.151	100	1.00	23.69	24.00	1.074	0.162
		Back	38225	2617.5	-0.01	0.224	100	1.00	23.69	24.00	1.074	0.241
		Left	38225	2617.5	0.02	0.137	100	1.00	23.69	24.00	1.074	0.147
		Right	38225	2617.5	-0.03	0.039	100	1.00	23.69	24.00	1.074	0.042
		Top	38225	2617.5	-0.05	0.125	100	1.00	23.69	24.00	1.074	0.134
		Bottom	38225	2617.5	0.18	0.003	100	1.00	23.69	24.00	1.074	0.003
	50%RB	Front	38225	2617.5	0.03	0.139	100	1.00	23.69	24.00	1.074	0.149
		Back	38225	2617.5	-0.07	0.190	100	1.00	23.69	24.00	1.074	0.204
		Left	38225	2617.5	0.01	0.118	100	1.00	23.69	24.00	1.074	0.127
		Right	38225	2617.5	0.05	0.030	100	1.00	23.69	24.00	1.074	0.032
		Top	38225	2617.5	-0.08	0.101	100	1.00	23.69	24.00	1.074	0.108
		Bottom	38225	2617.5	-0.16	0.002	100	1.00	23.69	24.00	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 41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-0.05	0.089	100	1.00	23.50	24.00	1.122	0.100
		Left Tilt	40620	2593.0	0.07	0.168	100	1.00	23.50	24.00	1.122	0.188
		Right Cheek	40620	2593.0	0.04	0.179	100	1.00	23.50	24.00	1.122	0.201
		Right Tilt	40620	2593.0	0.01	0.331	100	1.00	23.50	24.00	1.122	0.371
		Left Cheek	39750	2506.0	0.03	0.430	100	1.00	23.50	24.00	1.122	0.482
		Left Cheek	40185	2549.5	0.04	0.384	100	1.00	23.50	24.00	1.122	0.431
		Left Cheek	41055	2636.5	0.02	0.279	100	1.00	23.50	24.00	1.122	0.313
		Left Cheek	41490	2680.0	0.05	0.225	100	1.00	23.50	24.00	1.122	0.252
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	0.03	0.078	100	1.00	23.50	24.00	1.122	0.088
		Back	40620	2593.0	0.03	0.118	100	1.00	23.50	24.00	1.122	0.132
		Left	40620	2593.0	-0.07	0.064	100	1.00	23.50	24.00	1.122	0.072
		Right	40620	2593.0	0.02	0.014	100	1.00	23.50	24.00	1.122	0.016
		Top	40620	2593.0	-0.06	0.092	100	1.00	23.50	24.00	1.122	0.103
		Bottom	40620	2593.0	0.13	0.003	100	1.00	23.50	24.00	1.122	0.003
		Back	39750	2506.0	0.01	0.153	100	1.00	23.50	24.00	1.122	0.172
		Back	40185	2549.5	0.04	0.138	100	1.00	23.50	24.00	1.122	0.155
		Back	41055	2636.5	0.00	0.098	100	1.00	23.50	24.00	1.122	0.110
		Back	41490	2680.0	0.01	0.079	100	1.00	23.50	24.00	1.122	0.089

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	50%RB	Left Cheek	40620	2593.0	-0.05	0.080	100	1.00	23.50	24.00	1.122	0.090
		Left Tilt	40620	2593.0	0.07	0.153	100	1.00	23.50	24.00	1.122	0.172
		Right Cheek	40620	2593.0	0.03	0.162	100	1.00	23.50	24.00	1.122	0.182
		Right Tilt	40620	2593.0	0.02	0.296	100	1.00	23.50	24.00	1.122	0.332
		Left Cheek	39750	2506.0	-0.05	0.397	100	1.00	23.50	24.00	1.122	0.445
		Left Cheek	40185	2549.5	-0.06	0.359	100	1.00	23.50	24.00	1.122	0.403
		Left Cheek	41055	2636.5	0.04	0.248	100	1.00	23.50	24.00	1.122	0.278
		Left Cheek	41490	2680.0	0.02	0.206	100	1.00	23.50	24.00	1.122	0.231
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.06	0.068	100	1.00	23.50	24.00	1.122	0.076
		Back	40620	2593.0	0.05	0.101	100	1.00	23.50	24.00	1.122	0.113
		Left	40620	2593.0	-0.08	0.062	100	1.00	23.50	24.00	1.122	0.070
		Right	40620	2593.0	0.06	0.011	100	1.00	23.50	24.00	1.122	0.012
		Top	40620	2593.0	0.02	0.088	100	1.00	23.50	24.00	1.122	0.099
		Bottom	40620	2593.0	-0.14	0.002	100	1.00	23.50	24.00	1.122	0.002
		Back	39750	2506.0	-0.09	0.139	100	1.00	23.50	24.00	1.122	0.156
		Back	40185	2549.5	0.04	0.130	100	1.00	23.50	24.00	1.122	0.146
		Back	41055	2636.5	-0.05	0.086	100	1.00	23.50	24.00	1.122	0.096
		Back	41490	2680.0	-0.03	0.068	100	1.00	23.50	24.00	1.122	0.076

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.933	100	1.00	21.55	22.00	1.109	1.035
		Left Tilt	42590	3500.0	0.050	0.637	100	1.00	21.55	22.00	1.109	0.707
		Right Cheek	42590	3500.0	-0.020	0.196	100	1.00	21.55	22.00	1.109	0.217
		Right Tilt	42590	3500.0	0.040	0.133	100	1.00	21.55	22.00	1.109	0.148
	50%RB	Left Cheek	42590	3500.0	0.020	0.895	100	1.00	21.55	22.00	1.109	0.993
		Left Tilt	42590	3500.0	-0.060	0.596	100	1.00	21.55	22.00	1.109	0.661
		Right Cheek	42590	3500.0	0.010	0.183	100	1.00	21.55	22.00	1.109	0.203
		Right Tilt	42590	3500.0	0.070	0.115	100	1.00	21.55	22.00	1.109	0.128
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.060	0.504	100	1.00	21.55	22.00	1.109	0.559
		Back	42590	3500.0	-0.030	0.827	100	1.00	21.55	22.00	1.109	0.917
		Left	42590	3500.0	0.040	0.198	100	1.00	21.55	22.00	1.109	0.220
		Right	42590	3500.0	0.020	0.713	100	1.00	21.55	22.00	1.109	0.791
		Top	42590	3500.0	-0.010	0.573	100	1.00	21.55	22.00	1.109	0.636
		Bottom	42590	3500.0	-0.180	0.040	100	1.00	21.55	22.00	1.109	0.044
	50%RB	Front	42590	3500.0	-0.020	0.443	100	1.00	21.55	22.00	1.109	0.491
		Back	42590	3500.0	0.010	0.748	100	1.00	21.55	22.00	1.109	0.830
		Left	42590	3500.0	0.140	0.170	100	1.00	21.55	22.00	1.109	0.189
		Right	42590	3500.0	0.170	0.635	100	1.00	21.55	22.00	1.109	0.704
		Top	42590	3500.0	-0.060	0.505	100	1.00	21.55	22.00	1.109	0.560
		Bottom	42590	3500.0	0.080	0.029	100	1.00	21.55	22.00	1.109	0.032

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 66 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	-0.05	0.175	100	1.00	24.17	24.50	1.079	0.189
		Left Tilt	132322	1755.0	-0.01	0.286	100	1.00	24.17	24.50	1.079	0.309
		Right Cheek	132322	1755.0	0.03	0.397	100	1.00	24.17	24.50	1.079	0.428
		Right Tilt	132322	1755.0	-0.05	0.582	100	1.00	24.17	24.50	1.079	0.628
	50%RB	Left Cheek	132322	1755.0	0.02	0.154	100	1.00	24.17	24.50	1.079	0.166
		Left Tilt	132322	1755.0	-0.03	0.269	100	1.00	24.17	24.50	1.079	0.290
		Right Cheek	132322	1755.0	0.07	0.343	100	1.00	24.17	24.50	1.079	0.370
		Right Tilt	132322	1755.0	0.01	0.536	100	1.00	24.17	24.50	1.079	0.578
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 66 (BW: 20MHz)	1RB	Front	132322	1755.0	0.04	0.090	100	1.00	24.17	24.50	1.079	0.097
		Back	132322	1755.0	-0.01	0.124	100	1.00	24.17	24.50	1.079	0.134
		Left	132322	1755.0	-0.02	0.073	100	1.00	24.17	24.50	1.079	0.079
		Right	132322	1755.0	0.01	0.025	100	1.00	24.17	24.50	1.079	0.027
		Top	132322	1755.0	0.03	0.112	100	1.00	24.17	24.50	1.079	0.121
		Bottom	132322	1755.0	0.14	0.002	100	1.00	24.17	24.50	1.079	0.002
	50%RB	Front	132322	1755.0	0.03	0.042	100	1.00	24.17	24.50	1.079	0.045
		Back	132322	1755.0	-0.05	0.120	100	1.00	24.17	24.50	1.079	0.129
		Left	132322	1755.0	0.01	0.071	100	1.00	24.17	24.50	1.079	0.077
		Right	132322	1755.0	0.12	0.017	100	1.00	24.17	24.50	1.079	0.018
		Top	132322	1755.0	-0.08	0.049	100	1.00	24.17	24.50	1.079	0.053
		Bottom	132322	1755.0	-0.16	0.002	100	1.00	24.17	24.50	1.079	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n5 (BW: 20MHz)	1RB	Left Cheek	168300	841.5	0.03	0.175	100	1.00	25.63	26.00	1.089	0.191
		Left Tilt	168300	841.5	0.05	0.243	100	1.00	25.63	26.00	1.089	0.265
		Right Cheek	168300	841.5	-0.03	0.359	100	1.00	25.63	26.00	1.089	0.391
		Right Tilt	168300	841.5	-0.11	0.457	100	1.00	25.63	26.00	1.089	0.498
	50%RB	Left Cheek	168300	841.5	0.03	0.157	100	1.00	25.63	26.00	1.089	0.171
		Left Tilt	168300	841.5	-0.04	0.235	100	1.00	25.63	26.00	1.089	0.256
		Right Cheek	168300	841.5	-0.06	0.329	100	1.00	25.63	26.00	1.089	0.358
		Right Tilt	168300	841.5	0.09	0.418	100	1.00	25.63	26.00	1.089	0.455
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	168300	841.5	-0.07	0.053	100	1.00	25.63	26.00	1.089	0.058
		Back	168300	841.5	-0.10	0.084	100	1.00	25.63	26.00	1.089	0.091
		Left	168300	841.5	0.10	0.048	100	1.00	25.63	26.00	1.089	0.052
		Right	168300	841.5	0.03	0.010	100	1.00	25.63	26.00	1.089	0.011
		Top	168300	841.5	-0.08	0.071	100	1.00	25.63	26.00	1.089	0.077
		Bottom	168300	841.5	-0.15	0.002	100	1.00	25.63	26.00	1.089	0.002
	50%RB	Front	168300	841.5	-0.03	0.048	100	1.00	25.63	26.00	1.089	0.052
		Back	168300	841.5	-0.08	0.079	100	1.00	25.63	26.00	1.089	0.086
		Left	168300	841.5	0.05	0.042	100	1.00	25.63	26.00	1.089	0.046
		167300	168300	841.5	-0.11	0.007	100	1.00	25.63	26.00	1.089	0.008
		167300	168300	841.5	0.16	0.064	100	1.00	25.63	26.00	1.089	0.070
		167300	168300	841.5	-0.18	0.002	100	1.00	25.63	26.00	1.089	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n7 (BW: 20MHz)	1RB	Left Cheek	513000	2565.0	-0.05	0.203	100	1.00	25.65	26.00	1.084	0.220
		Left Tilt	513000	2565.0	0.02	0.289	100	1.00	25.65	26.00	1.084	0.313
		Right Cheek	513000	2565.0	-0.06	0.395	100	1.00	25.65	26.00	1.084	0.428
		Right Tilt	513000	2565.0	0.01	0.622	100	1.00	25.65	26.00	1.084	0.674
	50%RB	Left Cheek	513000	2565.0	-0.03	0.170	100	1.00	25.65	26.00	1.084	0.184
		Left Tilt	513000	2565.0	-0.08	0.239	100	1.00	25.65	26.00	1.084	0.259
		Right Cheek	513000	2565.0	0.06	0.347	100	1.00	25.65	26.00	1.084	0.376
		Right Tilt	513000	2565.0	0.03	0.562	100	1.00	25.65	26.00	1.084	0.609
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.05	0.136	100	1.00	25.65	26.00	1.084	0.147
		Back	513000	2565.0	0.00	0.178	100	1.00	25.65	26.00	1.084	0.193
		Left	513000	2565.0	0.03	0.114	100	1.00	25.65	26.00	1.084	0.124
		Right	513000	2565.0	-0.15	0.038	100	1.00	25.65	26.00	1.084	0.041
		Top	513000	2565.0	0.08	0.139	100	1.00	25.65	26.00	1.084	0.151
		Bottom	513000	2565.0	-0.12	0.009	100	1.00	25.65	26.00	1.084	0.010
	50%RB	Front	513000	2565.0	-0.09	0.105	100	1.00	25.65	26.00	1.084	0.114
		Back	513000	2565.0	-0.05	0.163	100	1.00	25.65	26.00	1.084	0.177
		Left	513000	2565.0	0.04	0.100	100	1.00	25.65	26.00	1.084	0.108
		Right	513000	2565.0	-0.11	0.029	100	1.00	25.65	26.00	1.084	0.031
		Top	513000	2565.0	0.14	0.133	100	1.00	25.65	26.00	1.084	0.144
		Bottom	513000	2565.0	-0.17	0.006	100	1.00	25.65	26.00	1.084	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 n12 (BW: 15MHz)	1RB	Left Cheek	141500	707.5	-0.03	0.158	100	1.00	25.61	26.00	1.094	0.173
		Left Tilt	141500	707.5	0.01	0.296	100	1.00	25.61	26.00	1.094	0.324
		Right Cheek	141500	707.5	0.02	0.364	100	1.00	25.61	26.00	1.094	0.398
		Right Tilt	141500	707.5	-0.02	0.521	100	1.00	25.61	26.00	1.094	0.570
	50%RB	Left Cheek	141500	707.5	0.06	0.141	100	1.00	25.61	26.00	1.094	0.154
		Left Tilt	141500	707.5	0.02	0.273	100	1.00	25.61	26.00	1.094	0.299
		Right Cheek	141500	707.5	-0.03	0.362	100	1.00	25.61	26.00	1.094	0.396
		Right Tilt	141500	707.5	-0.05	0.469	100	1.00	25.61	26.00	1.094	0.513
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.02	0.039	100	1.00	25.61	26.00	1.094	0.043
		Back	141500	707.5	-0.14	0.061	100	1.00	25.61	26.00	1.094	0.067
		Left	141500	707.5	0.06	0.051	100	1.00	25.61	26.00	1.094	0.056
		Right	141500	707.5	-0.03	0.010	100	1.00	25.61	26.00	1.094	0.011
		Top	141500	707.5	-0.17	0.047	100	1.00	25.61	26.00	1.094	0.051
		Bottom	141500	707.5	0.09	0.002	100	1.00	25.61	26.00	1.094	0.002
	50%RB	Front	141500	707.5	-0.030	0.032	100	1.00	25.61	26.00	1.094	0.035
		Back	141500	707.5	-0.060	0.056	100	1.00	25.61	26.00	1.094	0.061
		Left	141500	707.5	0.060	0.046	100	1.00	25.61	26.00	1.094	0.050
		Right	141500	707.5	-0.060	0.006	100	1.00	25.61	26.00	1.094	0.007
		Top	141500	707.5	0.140	0.040	100	1.00	25.61	26.00	1.094	0.044
		Bottom	141500	707.5	0.100	0.002	100	1.00	25.61	26.00	1.094	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	522500	2580.0	0.040	0.304	100	1.00	26.14	27.00	1.219	0.371
		Left Tilt	522500	2580.0	-0.020	0.572	100	1.00	26.14	27.00	1.219	0.697
		Right Cheek	522500	2580.0	0.090	0.514	100	1.00	26.14	27.00	1.219	0.627
		Right Tilt	522500	2580.0	-0.040	1.030	100	1.00	26.14	27.00	1.219	1.256
	50%RB	Left Cheek	522500	2580.0	0.010	0.299	100	1.00	26.14	27.00	1.219	0.364
		Left Tilt	522500	2580.0	-0.060	0.565	100	1.00	26.14	27.00	1.219	0.689
		Right Cheek	522500	2580.0	0.030	0.510	100	1.00	26.14	27.00	1.219	0.622
		Right Tilt	522500	2580.0	-0.080	0.990	100	1.00	26.14	27.00	1.219	1.207
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Front	522500	2580.0	0.020	0.215	100	1.00	26.14	27.00	1.219	0.262
		Back	522500	2580.0	-0.010	0.294	100	1.00	26.14	27.00	1.219	0.358
		Left	522500	2580.0	-0.070	0.168	100	1.00	26.14	27.00	1.219	0.205
		Right	522500	2580.0	0.060	0.053	100	1.00	26.14	27.00	1.219	0.065
		Top	522500	2580.0	0.170	0.131	100	1.00	26.14	27.00	1.219	0.160
		Bottom	522500	2580.0	0.010	0.012	100	1.00	26.14	27.00	1.219	0.015
	50%RB	Front	522500	2580.0	0.100	0.191	100	1.00	26.14	27.00	1.219	0.233
		Back	522500	2580.0	-0.110	0.259	100	1.00	26.14	27.00	1.219	0.316
		Left	522500	2580.0	-0.160	0.138	100	1.00	26.14	27.00	1.219	0.168
		Right	522500	2580.0	-0.030	0.048	100	1.00	26.14	27.00	1.219	0.059
		Top	522500	2580.0	-0.010	0.202	100	1.00	26.14	27.00	1.219	0.246
		Bottom	522500	2580.0	0.050	0.009	100	1.00	26.14	27.00	1.219	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 n41 (BW:100MHz)	1RB	Left Cheek	518598	2593.0	0.040	0.301	100	1.00	26.05	26.50	1.109	0.334
		Left Tilt	518598	2593.0	0.020	0.576	100	1.00	26.05	26.50	1.109	0.639
		Right Cheek	518598	2593.0	-0.090	0.781	100	1.00	26.05	26.50	1.109	0.866
		Right Tilt	518598	2593.0	-0.020	1.030	100	1.00	26.05	26.50	1.109	1.142
	50%RB	Left Cheek	518598	2593.0	-0.070	0.299	100	1.00	26.05	26.50	1.109	0.332
		Left Tilt	518598	2593.0	0.060	0.572	100	1.00	26.05	26.50	1.109	0.634
		Right Cheek	518598	2593.0	0.080	0.745	100	1.00	26.05	26.50	1.109	0.826
		Right Tilt	518598	2593.0	-0.110	0.973	100	1.00	26.05	26.50	1.109	1.079
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:100MHz)	1RB	Front	518598	2593.0	-0.050	0.195	100	1.00	26.05	26.50	1.109	0.216
		Back	518598	2593.0	-0.030	0.303	100	1.00	26.05	26.50	1.109	0.336
		Left	518598	2593.0	0.130	0.134	100	1.00	26.05	26.50	1.109	0.149
		Right	518598	2593.0	0.080	0.046	100	1.00	26.05	26.50	1.109	0.051
		Top	518598	2593.0	-0.060	0.237	100	1.00	26.05	26.50	1.109	0.263
		Bottom	518598	2593.0	0.170	0.009	100	1.00	26.05	26.50	1.109	0.010
	50%RB	Front	518598	2593.0	0.050	0.169	100	1.00	26.05	26.50	1.109	0.187
		Back	518598	2593.0	0.180	0.265	100	1.00	26.05	26.50	1.109	0.294
		Left	518598	2593.0	-0.060	0.118	100	1.00	26.05	26.50	1.109	0.131
		Right	518598	2593.0	0.170	0.038	100	1.00	26.05	26.50	1.109	0.042
		Top	518598	2593.0	0.120	0.201	100	1.00	26.05	26.50	1.109	0.223
		Bottom	518598	2593.0	-0.090	0.007	100	1.00	26.05	26.50	1.109	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	34900	1745.0	-0.08	0.173	100	1.00	25.74	26.00	1.062	0.184
		Left Tilt	34900	1745.0	-0.01	0.522	100	1.00	25.74	26.00	1.062	0.554
		Right Cheek	34900	1745.0	0.04	0.409	100	1.00	25.74	26.00	1.062	0.434
		Right Tilt	34900	1745.0	-0.01	0.768	100	1.00	25.74	26.00	1.062	0.815
	50%RB	Left Cheek	34900	1745.0	0.03	0.316	100	1.00	25.74	26.00	1.062	0.335
		Left Tilt	34900	1745.0	0.00	0.481	100	1.00	25.74	26.00	1.062	0.511
		Right Cheek	34900	1745.0	-0.03	0.467	100	1.00	25.74	26.00	1.062	0.496
		Right Tilt	34900	1745.0	0.02	0.613	100	1.00	25.74	26.00	1.062	0.651
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	34900	1745.0	0.05	0.038	100	1.00	25.74	26.00	1.062	0.040
		Back	34900	1745.0	-0.04	0.131	100	1.00	25.74	26.00	1.062	0.139
		Left	34900	1745.0	-0.03	0.062	100	1.00	25.74	26.00	1.062	0.066
		Right	34900	1745.0	-0.06	0.017	100	1.00	25.74	26.00	1.062	0.018
		Top	34900	1745.0	0.10	0.071	100	1.00	25.74	26.00	1.062	0.075
		Bottom	34900	1745.0	-0.16	0.003	100	1.00	25.74	26.00	1.062	0.003
	50%RB	Front	34900	1745.0	0.05	0.067	100	1.00	25.74	26.00	1.062	0.071
		Back	34900	1745.0	0.01	0.120	100	1.00	25.74	26.00	1.062	0.127
		Left	34900	1745.0	0.13	0.057	100	1.00	25.74	26.00	1.062	0.061
		Right	34900	1745.0	-0.10	0.012	100	1.00	25.74	26.00	1.062	0.013
		Top	34900	1745.0	0.04	0.062	100	1.00	25.74	26.00	1.062	0.066
		Bottom	34900	1745.0	-0.17	0.002	100	1.00	25.74	26.00	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)
NR n77 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.140	0.562	100	1.00	27.80	28.00	1.047	0.588
		Left Tilt	633334	3500.0	0.130	0.256	100	1.00	27.80	28.00	1.047	0.268
		Right Cheek	633334	3500.0	0.080	0.058	100	1.00	27.80	28.00	1.047	0.061
		Right Tilt	633334	3500.0	-0.030	0.041	100	1.00	27.80	28.00	1.047	0.043
	50%RB	Left Cheek	633334	3500.0	-0.020	0.551	100	1.00	27.80	28.00	1.047	0.577
		Left Tilt	633334	3500.0	0.060	0.250	100	1.00	27.80	28.00	1.047	0.262
		Right Cheek	633334	3500.0	0.060	0.055	100	1.00	27.80	28.00	1.047	0.058
		Right Tilt	633334	3500.0	0.130	0.038	100	1.00	27.80	28.00	1.047	0.040
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.180	0.371	100	1.00	27.80	28.00	1.047	0.388
		Back	633334	3500.0	-0.010	0.597	100	1.00	27.80	28.00	1.047	0.625
		Left	633334	3500.0	0.060	0.082	100	1.00	27.80	28.00	1.047	0.086
		Right	633334	3500.0	-0.050	0.240	100	1.00	27.80	28.00	1.047	0.251
		Top	633334	3500.0	0.040	0.171	100	1.00	27.80	28.00	1.047	0.179
		Bottom	633334	3500.0	-0.010	0.011	100	1.00	27.80	28.00	1.047	0.012
	50%RB	Front	633334	3500.0	0.080	0.359	100	1.00	27.80	28.00	1.047	0.376
		Back	633334	3500.0	0.170	0.591	100	1.00	27.80	28.00	1.047	0.619
		Left	633334	3500.0	0.020	0.080	100	1.00	27.80	28.00	1.047	0.084
		Right	633334	3500.0	-0.090	0.229	100	1.00	27.80	28.00	1.047	0.240
		Top	633334	3500.0	-0.180	0.168	100	1.00	27.80	28.00	1.047	0.176
		Bottom	633334	3500.0	0.040	0.010	100	1.00	27.80	28.00	1.047	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	638334	3575.0	0.11	0.397	100	1.00	27.16	27.50	1.081	0.429
		Left Tilt	638334	3575.0	0.09	0.196	100	1.00	27.16	27.50	1.081	0.212
		Right Cheek	638334	3575.0	0.15	0.079	100	1.00	27.16	27.50	1.081	0.085
		Right Tilt	638334	3575.0	0.05	0.057	100	1.00	27.16	27.50	1.081	0.062
	50%RB	Left Cheek	638334	3575.0	-0.02	0.378	100	1.00	27.16	27.50	1.081	0.409
		Left Tilt	638334	3575.0	0.06	0.182	100	1.00	27.16	27.50	1.081	0.197
		Right Cheek	638334	3575.0	0.01	0.067	100	1.00	27.16	27.50	1.081	0.072
		Right Tilt	638334	3575.0	-0.03	0.040	100	1.00	27.16	27.50	1.081	0.043
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	638334	3575.0	0.14	0.247	100	1.00	27.16	27.50	1.081	0.267
		Back	638334	3575.0	0.07	0.360	100	1.00	27.16	27.50	1.081	0.389
		Left	638334	3575.0	-0.03	0.062	100	1.00	27.16	27.50	1.081	0.067
		Right	638334	3575.0	0.01	0.225	100	1.00	27.16	27.50	1.081	0.243
		Top	638334	3575.0	0.09	0.168	100	1.00	27.16	27.50	1.081	0.182
		Bottom	638334	3575.0	-0.13	0.007	100	1.00	27.16	27.50	1.081	0.008
	50%RB	Front	638334	3575.0	-0.04	0.218	100	1.00	27.16	27.50	1.081	0.236
		Back	638334	3575.0	0.02	0.339	100	1.00	27.16	27.50	1.081	0.367
		Left	638334	3575.0	-0.04	0.050	100	1.00	27.16	27.50	1.081	0.054
		Right	638334	3575.0	0.06	0.203	100	1.00	27.16	27.50	1.081	0.220
		Top	638334	3575.0	0.03	0.151	100	1.00	27.16	27.50	1.081	0.163
		Bottom	638334	3575.0	-0.13	0.004	100	1.00	27.16	27.50	1.081	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	656000	3890.0	0.10	0.315	100	1.00	27.04	27.50	1.112	0.350
		Left Tilt	656000	3890.0	0.14	0.163	100	1.00	27.04	27.50	1.112	0.181
		Right Cheek	656000	3890.0	0.19	0.064	100	1.00	27.04	27.50	1.112	0.071
		Right Tilt	656000	3890.0	0.03	0.047	100	1.00	27.04	27.50	1.112	0.052
	50%RB	Left Cheek	656000	3890.0	0.04	0.303	100	1.00	27.04	27.50	1.112	0.337
		Left Tilt	656000	3890.0	-0.02	0.148	100	1.00	27.04	27.50	1.112	0.165
		Right Cheek	656000	3890.0	-0.01	0.056	100	1.00	27.04	27.50	1.112	0.062
		Right Tilt	656000	3890.0	0.06	0.036	100	1.00	27.04	27.50	1.112	0.040
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.05	0.219	100	1.00	27.04	27.50	1.112	0.243
		Back	656000	3890.0	0.03	0.340	100	1.00	27.04	27.50	1.112	0.378
		Left	656000	3890.0	0.04	0.050	100	1.00	27.04	27.50	1.112	0.056
		Right	656000	3890.0	-0.02	0.201	100	1.00	27.04	27.50	1.112	0.223
		Top	656000	3890.0	0.06	0.141	100	1.00	27.04	27.50	1.112	0.157
		Bottom	656000	3890.0	-0.08	0.007	100	1.00	27.04	27.50	1.112	0.008
	50%RB	Front	656000	3890.0	0.03	0.195	100	1.00	27.04	27.50	1.112	0.217
		Back	656000	3890.0	-0.05	0.318	100	1.00	27.04	27.50	1.112	0.354
		Left	656000	3890.0	-0.11	0.045	100	1.00	27.04	27.50	1.112	0.050
		Right	656000	3890.0	0.03	0.189	100	1.00	27.04	27.50	1.112	0.210
		Top	656000	3890.0	-0.10	0.132	100	1.00	27.04	27.50	1.112	0.147
		Bottom	656000	3890.0	-0.15	0.004	100	1.00	27.04	27.50	1.112	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.02	0.537	100	1.00	27.69	28.00	1.074	0.577
		Left Tilt	633334	3500.0	0.04	0.392	100	1.00	27.69	28.00	1.074	0.421
		Right Cheek	633334	3500.0	0.13	0.107	100	1.00	27.69	28.00	1.074	0.115
		Right Tilt	633334	3500.0	0.01	0.075	100	1.00	27.69	28.00	1.074	0.081
	50%RB	Left Cheek	633334	3500.0	0.03	0.517	100	1.00	27.69	28.00	1.074	0.555
		Left Tilt	633334	3500.0	-0.03	0.346	100	1.00	27.69	28.00	1.074	0.372
		Right Cheek	633334	3500.0	0.04	0.093	100	1.00	27.69	28.00	1.074	0.100
		Right Tilt	633334	3500.0	-0.07	0.070	100	1.00	27.69	28.00	1.074	0.075
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.03	0.291	100	1.00	27.69	28.00	1.074	0.313
		Back	633334	3500.0	0.02	0.481	100	1.00	27.69	28.00	1.074	0.517
		Left	633334	3500.0	-0.18	0.106	100	1.00	27.69	28.00	1.074	0.114
		Right	633334	3500.0	0.02	0.348	100	1.00	27.69	28.00	1.074	0.374
		Top	633334	3500.0	-0.08	0.241	100	1.00	27.69	28.00	1.074	0.259
		Bottom	633334	3500.0	-0.15	0.017	100	1.00	27.69	28.00	1.074	0.018
	50%RB	Front	633334	3500.0	0.05	0.264	100	1.00	27.69	28.00	1.074	0.284
		Back	633334	3500.0	-0.08	0.458	100	1.00	27.69	28.00	1.074	0.492
		Left	633334	3500.0	-0.13	0.092	100	1.00	27.69	28.00	1.074	0.099
		Right	633334	3500.0	0.02	0.323	100	1.00	27.69	28.00	1.074	0.347
		Top	633334	3500.0	0.05	0.223	100	1.00	27.69	28.00	1.074	0.239
		Bottom	633334	3500.0	-0.17	0.015	100	1.00	27.69	28.00	1.074	0.016

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	638334	3575.0	0.17	0.398	100	1.00	27.23	27.50	1.064	0.424
		Left Tilt	638334	3575.0	0.14	0.217	100	1.00	27.23	27.50	1.064	0.231
		Right Cheek	638334	3575.0	0.16	0.073	100	1.00	27.23	27.50	1.064	0.078
		Right Tilt	638334	3575.0	0.09	0.054	100	1.00	27.23	27.50	1.064	0.057
	50%RB	Left Cheek	638334	3575.0	0.05	0.370	100	1.00	27.23	27.50	1.064	0.394
		Left Tilt	638334	3575.0	0.10	0.191	100	1.00	27.23	27.50	1.064	0.203
		Right Cheek	638334	3575.0	-0.06	0.062	100	1.00	27.23	27.50	1.064	0.066
		Right Tilt	638334	3575.0	0.09	0.049	100	1.00	27.23	27.50	1.064	0.052
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.02	0.206	100	1.00	27.23	27.50	1.064	0.219
		Back	638334	3575.0	0.05	0.353	100	1.00	27.23	27.50	1.064	0.376
		Left	638334	3575.0	-0.08	0.076	100	1.00	27.23	27.50	1.064	0.081
		Right	638334	3575.0	0.01	0.237	100	1.00	27.23	27.50	1.064	0.252
		Top	638334	3575.0	-0.02	0.192	100	1.00	27.23	27.50	1.064	0.204
		Bottom	638334	3575.0	-0.15	0.012	100	1.00	27.23	27.50	1.064	0.013
	50%RB	Front	638334	3575.0	-0.05	0.173	100	1.00	27.23	27.50	1.064	0.184
		Back	638334	3575.0	-0.09	0.324	100	1.00	27.23	27.50	1.064	0.345
		Left	638334	3575.0	-0.03	0.056	100	1.00	27.23	27.50	1.064	0.060
		Right	638334	3575.0	0.05	0.216	100	1.00	27.23	27.50	1.064	0.230
		Top	638334	3575.0	-0.07	0.173	100	1.00	27.23	27.50	1.064	0.184
		Bottom	638334	3575.0	0.12	0.007	100	1.00	27.23	27.50	1.064	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	650000	3750.0	0.03	0.275	100	1.00	27.02	27.50	1.117	0.307
		Left Tilt	650000	3750.0	0.08	0.202	100	1.00	27.02	27.50	1.117	0.226
		Right Cheek	650000	3750.0	0.16	0.057	100	1.00	27.02	27.50	1.117	0.064
		Right Tilt	650000	3750.0	0.17	0.049	100	1.00	27.02	27.50	1.117	0.055
	50%RB	Left Cheek	650000	3750.0	0.08	0.249	100	1.00	27.02	27.50	1.117	0.278
		Left Tilt	650000	3750.0	0.03	0.185	100	1.00	27.02	27.50	1.117	0.207
		Right Cheek	650000	3750.0	-0.10	0.050	100	1.00	27.02	27.50	1.117	0.056
		Right Tilt	650000	3750.0	0.09	0.041	100	1.00	27.02	27.50	1.117	0.046
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.04	0.179	100	1.00	27.02	27.50	1.117	0.200
		Back	650000	3750.0	0.03	0.288	100	1.00	27.02	27.50	1.117	0.322
		Left	650000	3750.0	0.09	0.053	100	1.00	27.02	27.50	1.117	0.059
		Right	650000	3750.0	0.02	0.203	100	1.00	27.02	27.50	1.117	0.227
		Top	650000	3750.0	0.05	0.168	100	1.00	27.02	27.50	1.117	0.188
		Bottom	650000	3750.0	-0.13	0.006	100	1.00	27.02	27.50	1.117	0.007
	50%RB	Front	650000	3750.0	0.06	0.164	100	1.00	27.02	27.50	1.117	0.183
		Back	650000	3750.0	-0.08	0.259	100	1.00	27.02	27.50	1.117	0.289
		Left	650000	3750.0	0.05	0.046	100	1.00	27.02	27.50	1.117	0.051
		Right	650000	3750.0	-0.10	0.177	100	1.00	27.02	27.50	1.117	0.198
		Top	650000	3750.0	-0.03	0.151	100	1.00	27.02	27.50	1.117	0.169
		Bottom	650000	3750.0	0.14	0.003	100	1.00	27.02	27.50	1.117	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Left Cheek	18700	1860.0	4.210	0.109	100	1.00	22.28	22.50	1.052	0.115
		Left Tilt	18700	1860.0	3.530	0.219	100	1.00	22.28	22.50	1.052	0.230
		Right Cheek	18700	1860.0	-0.280	0.167	100	1.00	22.28	22.50	1.052	0.176
		Right Tilt	18700	1860.0	3.140	0.271	100	1.00	22.28	22.50	1.052	0.285
	50%RB	Left Cheek	18700	1860.0	1.950	0.092	100	1.00	22.28	22.50	1.052	0.097
		Left Tilt	18700	1860.0	-4.090	0.185	100	1.00	22.28	22.50	1.052	0.195
		Right Cheek	18700	1860.0	4.320	0.129	100	1.00	22.28	22.50	1.052	0.136
		Right Tilt	18700	1860.0	4.040	0.243	100	1.00	22.28	22.50	1.052	0.256
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	18700	1860.0	-3.570	0.101	100	1.00	22.28	22.50	1.052	0.106
		Back	18700	1860.0	3.770	0.129	100	1.00	22.28	22.50	1.052	0.136
		Left	18700	1860.0	-0.180	0.054	100	1.00	22.28	22.50	1.052	0.057
		Right	18700	1860.0	4.660	0.004	100	1.00	22.28	22.50	1.052	0.004
		Top	18700	1860.0	-2.810	0.048	100	1.00	22.28	22.50	1.052	0.050
		Bottom	18700	1860.0	4.120	0.003	100	1.00	22.28	22.50	1.052	0.003
	50%RB	Front	18700	1860.0	3.280	0.079	100	1.00	22.28	22.50	1.052	0.083
		Back	18700	1860.0	1.950	0.106	100	1.00	22.28	22.50	1.052	0.112
		Left	18700	1860.0	-3.400	0.055	100	1.00	22.28	22.50	1.052	0.058
		Right	18700	1860.0	1.990	0.003	100	1.00	22.28	22.50	1.052	0.003
		Top	18700	1860.0	-3.680	0.037	100	1.00	22.28	22.50	1.052	0.039
		Bottom	18700	1860.0	3.230	0.002	100	1.00	22.28	22.50	1.052	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	18700	1860.0	1.150	0.142	100	1.00	22.59	23.00	1.099	0.156
		Left Tilt	18700	1860.0	1.620	0.327	100	1.00	22.59	23.00	1.099	0.359
		Right Cheek	18700	1860.0	-0.610	0.108	100	1.00	22.59	23.00	1.099	0.119
		Right Tilt	18700	1860.0	4.080	0.279	100	1.00	22.59	23.00	1.099	0.307
	50%RB	Left Cheek	18700	1860.0	-0.480	0.121	100	1.00	22.59	23.00	1.099	0.133
		Left Tilt	18700	1860.0	-3.780	0.295	100	1.00	22.59	23.00	1.099	0.324
		Right Cheek	18700	1860.0	-4.920	0.092	100	1.00	22.59	23.00	1.099	0.101
		Right Tilt	18700	1860.0	3.630	0.241	100	1.00	22.59	23.00	1.099	0.265
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n66 (BW: 20MHz)	1RB	Front	18700	1860.0	-0.290	0.127	100	1.00	22.59	23.00	1.099	0.140
		Back	18700	1860.0	1.160	0.162	100	1.00	22.59	23.00	1.099	0.178
		Left	18700	1860.0	2.500	0.089	100	1.00	22.59	23.00	1.099	0.098
		Right	18700	1860.0	-3.350	0.013	100	1.00	22.59	23.00	1.099	0.014
		Top	18700	1860.0	2.640	0.076	100	1.00	22.59	23.00	1.099	0.084
		Bottom	18700	1860.0	-4.520	0.007	100	1.00	22.59	23.00	1.099	0.008
	50%RB	Front	18700	1860.0	3.560	0.085	100	1.00	22.59	23.00	1.099	0.093
		Back	18700	1860.0	4.550	0.113	100	1.00	22.59	23.00	1.099	0.124
		Left	18700	1860.0	-3.630	0.072	100	1.00	22.59	23.00	1.099	0.079
		Right	18700	1860.0	2.680	0.006	100	1.00	22.59	23.00	1.099	0.007
		Top	18700	1860.0	0.060	0.051	100	1.00	22.59	23.00	1.099	0.056
		Bottom	18700	1860.0	-1.570	0.004	100	1.00	22.59	23.00	1.099	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)
2-n78 (BW: 20MHz)	1RB	Left Cheek	18700	1860.0	1.200	0.603	100	1.00	21.54	22.00	1.112	0.670
		Left Tilt	18700	1860.0	2.530	0.152	100	1.00	21.54	22.00	1.112	0.169
		Right Cheek	18700	1860.0	-0.930	0.728	100	1.00	21.54	22.00	1.112	0.809
		Right Tilt	18700	1860.0	-3.450	0.195	100	1.00	21.54	22.00	1.112	0.217
	50%RB	Left Cheek	18700	1860.0	2.900	0.584	100	1.00	21.54	22.00	1.112	0.649
		Left Tilt	18700	1860.0	-2.450	0.127	100	1.00	21.54	22.00	1.112	0.141
		Right Cheek	18700	1860.0	1.230	0.695	100	1.00	21.54	22.00	1.112	0.773
		Right Tilt	18700	1860.0	2.960	0.186	100	1.00	21.54	22.00	1.112	0.207
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n78 (BW: 20MHz)	1RB	Front	18700	1860.0	4.950	0.149	100	1.00	21.54	22.00	1.112	0.166
		Back	18700	1860.0	4.060	0.284	100	1.00	21.54	22.00	1.112	0.316
		Left	18700	1860.0	3.520	0.106	100	1.00	21.54	22.00	1.112	0.118
		Right	18700	1860.0	-2.020	0.026	100	1.00	21.54	22.00	1.112	0.029
		Top	18700	1860.0	1.390	0.089	100	1.00	21.54	22.00	1.112	0.099
		Bottom	18700	1860.0	3.490	0.015	100	1.00	21.54	22.00	1.112	0.017
	50%RB	Front	18700	1860.0	-1.830	0.141	100	1.00	21.54	22.00	1.112	0.157
		Back	18700	1860.0	2.610	0.261	100	1.00	21.54	22.00	1.112	0.290
		Left	18700	1860.0	0.610	0.086	100	1.00	21.54	22.00	1.112	0.096
		Right	18700	1860.0	-0.020	0.016	100	1.00	21.54	22.00	1.112	0.018
		Top	18700	1860.0	1.350	0.075	100	1.00	21.54	22.00	1.112	0.083
		Bottom	18700	1860.0	4.770	0.003	100	1.00	21.54	22.00	1.112	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n7 (BW: 20MHz)	1RB	Left Cheek	20393	1754.3	3.090	0.091	100	1.00	22.55	23.00	1.109	0.101
		Left Tilt	20393	1754.3	-2.490	0.203	100	1.00	22.55	23.00	1.109	0.225
		Right Cheek	20393	1754.3	0.660	0.128	100	1.00	22.55	23.00	1.109	0.142
		Right Tilt	20393	1754.3	3.440	0.285	100	1.00	22.55	23.00	1.109	0.316
	50%RB	Left Cheek	20393	1754.3	1.470	0.083	100	1.00	22.55	23.00	1.109	0.092
		Left Tilt	20393	1754.3	3.070	0.196	100	1.00	22.55	23.00	1.109	0.217
		Right Cheek	20393	1754.3	-4.110	0.109	100	1.00	22.55	23.00	1.109	0.121
		Right Tilt	20393	1754.3	4.050	0.268	100	1.00	22.55	23.00	1.109	0.297
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20393	1754.3	-2.730	0.092	100	1.00	22.55	23.00	1.109	0.102
		Back	20393	1754.3	4.510	0.139	100	1.00	22.55	23.00	1.109	0.154
		Left	20393	1754.3	0.310	0.071	100	1.00	22.55	23.00	1.109	0.079
		Right	20393	1754.3	-2.730	0.004	100	1.00	22.55	23.00	1.109	0.004
		Top	20393	1754.3	1.540	0.047	100	1.00	22.55	23.00	1.109	0.052
		Bottom	20393	1754.3	4.400	0.003	100	1.00	22.55	23.00	1.109	0.003
	50%RB	Front	20393	1754.3	2.890	0.075	100	1.00	22.55	23.00	1.109	0.083
		Back	20393	1754.3	-3.670	0.119	100	1.00	22.55	23.00	1.109	0.132
		Left	20393	1754.3	1.940	0.056	100	1.00	22.55	23.00	1.109	0.062
		Right	20393	1754.3	2.660	0.003	100	1.00	22.55	23.00	1.109	0.003
		Top	20393	1754.3	-0.550	0.039	100	1.00	22.55	23.00	1.109	0.043
		Bottom	20393	1754.3	1.340	0.002	100	1.00	22.55	23.00	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)
4-n38 (BW: 20MHz)	1RB	Left Cheek	20393	1754.3	2.220	0.505	100	1.00	22.47	22.50	1.007	0.509
		Left Tilt	20393	1754.3	2.780	0.224	100	1.00	22.47	22.50	1.007	0.226
		Right Cheek	20393	1754.3	4.690	0.632	100	1.00	22.47	22.50	1.007	0.636
		Right Tilt	20393	1754.3	-4.240	0.317	100	1.00	22.47	22.50	1.007	0.319
	50%RB	Left Cheek	20393	1754.3	2.160	0.485	100	1.00	22.47	22.50	1.007	0.488
		Left Tilt	20393	1754.3	3.010	0.216	100	1.00	22.47	22.50	1.007	0.217
		Right Cheek	20393	1754.3	-4.760	0.596	100	1.00	22.47	22.50	1.007	0.600
		Right Tilt	20393	1754.3	2.540	0.301	100	1.00	22.47	22.50	1.007	0.303
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20393	1754.3	3.750	0.194	100	1.00	22.47	22.50	1.007	0.195
		Back	20393	1754.3	4.290	0.283	100	1.00	22.47	22.50	1.007	0.285
		Left	20393	1754.3	-1.020	0.110	100	1.00	22.47	22.50	1.007	0.111
		Right	20393	1754.3	3.590	0.023	100	1.00	22.47	22.50	1.007	0.023
		Top	20393	1754.3	1.030	0.071	100	1.00	22.47	22.50	1.007	0.071
		Bottom	20393	1754.3	1.300	0.013	100	1.00	22.47	22.50	1.007	0.013
	50%RB	Front	20393	1754.3	-1.060	0.182	100	1.00	22.47	22.50	1.007	0.183
		Back	20393	1754.3	-0.460	0.269	100	1.00	22.47	22.50	1.007	0.271
		Left	20393	1754.3	3.700	0.103	100	1.00	22.47	22.50	1.007	0.104
		Right	20393	1754.3	2.960	0.011	100	1.00	22.47	22.50	1.007	0.011
		Top	20393	1754.3	-3.930	0.079	100	1.00	22.47	22.50	1.007	0.080
		Bottom	20393	1754.3	1.900	0.006	100	1.00	22.47	22.50	1.007	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Left Cheek	20393	1754.3	-1.920	0.523	100	1.00	22.79	23.00	1.050	0.549
		Left Tilt	20393	1754.3	4.210	0.240	100	1.00	22.79	23.00	1.050	0.252
		Right Cheek	20393	1754.3	3.100	0.654	100	1.00	22.79	23.00	1.050	0.686
		Right Tilt	20393	1754.3	4.490	0.395	100	1.00	22.79	23.00	1.050	0.415
	50%RB	Left Cheek	20393	1754.3	3.440	0.510	100	1.00	22.79	23.00	1.050	0.535
		Left Tilt	20393	1754.3	1.610	0.226	100	1.00	22.79	23.00	1.050	0.237
		Right Cheek	20393	1754.3	-1.910	0.628	100	1.00	22.79	23.00	1.050	0.659
		Right Tilt	20393	1754.3	1.410	0.374	100	1.00	22.79	23.00	1.050	0.393
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Front	20393	1754.3	3.940	0.204	100	1.00	22.79	23.00	1.050	0.214
		Back	20393	1754.3	-1.350	0.282	100	1.00	22.79	23.00	1.050	0.296
		Left	20393	1754.3	0.290	0.143	100	1.00	22.79	23.00	1.050	0.150
		Right	20393	1754.3	-0.890	0.034	100	1.00	22.79	23.00	1.050	0.036
		Top	20393	1754.3	2.590	0.102	100	1.00	22.79	23.00	1.050	0.107
		Bottom	20393	1754.3	1.480	0.012	100	1.00	22.79	23.00	1.050	0.013
	50%RB	Front	20393	1754.3	4.010	0.189	100	1.00	22.79	23.00	1.050	0.198
		Back	20393	1754.3	3.440	0.265	100	1.00	22.79	23.00	1.050	0.278
		Left	20393	1754.3	-4.220	0.127	100	1.00	22.79	23.00	1.050	0.133
		Right	20393	1754.3	4.440	0.015	100	1.00	22.79	23.00	1.050	0.016
		Top	20393	1754.3	-0.300	0.083	100	1.00	22.79	23.00	1.050	0.087
		Bottom	20393	1754.3	2.940	0.007	100	1.00	22.79	23.00	1.050	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)
4-n78 (BW: 20MHz)	1RB	Left Cheek	20393	1754.3	-1.430	0.513	100	1.00	21.37	21.50	1.030	0.529
		Left Tilt	20393	1754.3	-1.530	0.171	100	1.00	21.37	21.50	1.030	0.176
		Right Cheek	20393	1754.3	3.390	0.631	100	1.00	21.37	21.50	1.030	0.650
		Right Tilt	20393	1754.3	-4.430	0.295	100	1.00	21.37	21.50	1.030	0.304
	50%RB	Left Cheek	20393	1754.3	-0.840	0.492	100	1.00	21.37	21.50	1.030	0.507
		Left Tilt	20393	1754.3	-4.680	0.164	100	1.00	21.37	21.50	1.030	0.169
		Right Cheek	20393	1754.3	1.570	0.596	100	1.00	21.37	21.50	1.030	0.614
		Right Tilt	20393	1754.3	-4.860	0.274	100	1.00	21.37	21.50	1.030	0.282
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20393	1754.3	-3.190	0.197	100	1.00	21.37	21.50	1.030	0.203
		Back	20393	1754.3	4.960	0.295	100	1.00	21.37	21.50	1.030	0.304
		Left	20393	1754.3	1.790	0.124	100	1.00	21.37	21.50	1.030	0.128
		Right	20393	1754.3	4.500	0.025	100	1.00	21.37	21.50	1.030	0.026
		Top	20393	1754.3	-0.500	0.083	100	1.00	21.37	21.50	1.030	0.086
		Bottom	20393	1754.3	0.570	0.015	100	1.00	21.37	21.50	1.030	0.015
	50%RB	Front	20393	1754.3	0.820	0.178	100	1.00	21.37	21.50	1.030	0.183
		Back	20393	1754.3	-0.100	0.261	100	1.00	21.37	21.50	1.030	0.269
		Left	20393	1754.3	2.030	0.106	100	1.00	21.37	21.50	1.030	0.109
		Right	20393	1754.3	-3.720	0.008	100	1.00	21.37	21.50	1.030	0.008
		Top	20393	1754.3	4.460	0.078	100	1.00	21.37	21.50	1.030	0.080
		Bottom	20393	1754.3	0.670	0.004	100	1.00	21.37	21.50	1.030	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	3.830	0.097	100	1.00	22.24	22.50	1.062	0.103
		Left Tilt	20450	829.0	2.110	0.154	100	1.00	22.24	22.50	1.062	0.164
		Right Cheek	20450	829.0	-1.960	0.213	100	1.00	22.24	22.50	1.062	0.226
		Right Tilt	20450	829.0	2.150	0.306	100	1.00	22.24	22.50	1.062	0.325
	50%RB	Left Cheek	20450	829.0	3.440	0.086	100	1.00	22.24	22.50	1.062	0.091
		Left Tilt	20450	829.0	-2.550	0.138	100	1.00	22.24	22.50	1.062	0.147
		Right Cheek	20450	829.0	4.590	0.202	100	1.00	22.24	22.50	1.062	0.214
		Right Tilt	20450	829.0	0.540	0.279	100	1.00	22.24	22.50	1.062	0.296
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Front	20450	829.0	4.150	0.083	100	1.00	22.24	22.50	1.062	0.088
		Back	20450	829.0	-3.390	0.127	100	1.00	22.24	22.50	1.062	0.135
		Left	20450	829.0	-4.390	0.082	100	1.00	22.24	22.50	1.062	0.087
		Right	20450	829.0	-1.450	0.006	100	1.00	22.24	22.50	1.062	0.006
		Top	20450	829.0	2.440	0.067	100	1.00	22.24	22.50	1.062	0.071
		Bottom	20450	829.0	0.330	0.004	100	1.00	22.24	22.50	1.062	0.004
	50%RB	Front	20450	829.0	-4.130	0.059	100	1.00	22.24	22.50	1.062	0.063
		Back	20450	829.0	1.260	0.109	100	1.00	22.24	22.50	1.062	0.116
		Left	20450	829.0	0.360	0.067	100	1.00	22.24	22.50	1.062	0.071
		Right	20450	829.0	-0.430	0.003	100	1.00	22.24	22.50	1.062	0.003
		Top	20450	829.0	0.950	0.052	100	1.00	22.24	22.50	1.062	0.055
		Bottom	20450	829.0	2.080	0.002	100	1.00	22.24	22.50	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)
5-n38 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	2.080	0.316	100	1.00	22.31	22.50	1.045	0.330
		Left Tilt	20450	829.0	0.250	0.306	100	1.00	22.31	22.50	1.045	0.320
		Right Cheek	20450	829.0	0.760	0.235	100	1.00	22.31	22.50	1.045	0.246
		Right Tilt	20450	829.0	-3.190	0.186	100	1.00	22.31	22.50	1.045	0.194
	50%RB	Left Cheek	20450	829.0	4.530	0.301	100	1.00	22.31	22.50	1.045	0.314
		Left Tilt	20450	829.0	3.600	0.276	100	1.00	22.31	22.50	1.045	0.288
		Right Cheek	20450	829.0	1.190	0.215	100	1.00	22.31	22.50	1.045	0.225
		Right Tilt	20450	829.0	-4.840	0.173	100	1.00	22.31	22.50	1.045	0.181
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20450	829.0	4.900	0.091	100	1.00	22.31	22.50	1.045	0.095
		Back	20450	829.0	-1.030	0.119	100	1.00	22.31	22.50	1.045	0.124
		Left	20450	829.0	2.630	0.072	100	1.00	22.31	22.50	1.045	0.075
		Right	20450	829.0	-3.850	0.023	100	1.00	22.31	22.50	1.045	0.024
		Top	20450	829.0	4.870	0.050	100	1.00	22.31	22.50	1.045	0.052
		Bottom	20450	829.0	-4.060	0.012	100	1.00	22.31	22.50	1.045	0.013
	50%RB	Front	20450	829.0	3.990	0.076	100	1.00	22.31	22.50	1.045	0.079
		Back	20450	829.0	-2.680	0.108	100	1.00	22.31	22.50	1.045	0.113
		Left	20450	829.0	2.320	0.064	100	1.00	22.31	22.50	1.045	0.067
		Right	20450	829.0	-1.490	0.011	100	1.00	22.31	22.50	1.045	0.011
		Top	20450	829.0	3.370	0.043	100	1.00	22.31	22.50	1.045	0.045
		Bottom	20450	829.0	1.300	0.004	100	1.00	22.31	22.50	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)
5-n41 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	0.440	0.284	100	1.00	22.49	22.50	1.002	0.285
		Left Tilt	20450	829.0	-0.250	0.211	100	1.00	22.49	22.50	1.002	0.211
		Right Cheek	20450	829.0	1.450	0.176	100	1.00	22.49	22.50	1.002	0.176
		Right Tilt	20450	829.0	-0.080	0.125	100	1.00	22.49	22.50	1.002	0.125
	50%RB	Left Cheek	20450	829.0	-0.120	0.207	100	1.00	22.49	22.50	1.002	0.207
		Left Tilt	20450	829.0	0.050	0.165	100	1.00	22.49	22.50	1.002	0.165
		Right Cheek	20450	829.0	0.450	0.124	100	1.00	22.49	22.50	1.002	0.124
		Right Tilt	20450	829.0	-0.030	0.083	100	1.00	22.49	22.50	1.002	0.083
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Front	20450	829.0	-1.520	0.085	100	1.00	22.49	22.50	1.002	0.085
		Back	20450	829.0	1.180	0.131	100	1.00	22.49	22.50	1.002	0.131
		Left	20450	829.0	3.640	0.046	100	1.00	22.49	22.50	1.002	0.046
		Right	20450	829.0	-0.030	0.027	100	1.00	22.49	22.50	1.002	0.027
		Top	20450	829.0	1.250	0.032	100	1.00	22.49	22.50	1.002	0.032
		Bottom	20450	829.0	-1.220	0.014	100	1.00	22.49	22.50	1.002	0.014
	50%RB	Front	20450	829.0	-0.150	0.065	100	1.00	22.49	22.50	1.002	0.065
		Back	20450	829.0	1.120	0.102	100	1.00	22.49	22.50	1.002	0.102
		Left	20450	829.0	0.240	0.037	100	1.00	22.49	22.50	1.002	0.037
		Right	20450	829.0	-0.090	0.019	100	1.00	22.49	22.50	1.002	0.019
		Top	20450	829.0	0.450	0.024	100	1.00	22.49	22.50	1.002	0.024
		Bottom	20450	829.0	-0.710	0.011	100	1.00	22.49	22.50	1.002	0.011

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n66 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	4.530	0.132	100	1.00	22.55	23.00	1.109	0.146
		Left Tilt	20450	829.0	4.360	0.258	100	1.00	22.55	23.00	1.109	0.286
		Right Cheek	20450	829.0	-4.820	0.175	100	1.00	22.55	23.00	1.109	0.194
		Right Tilt	20450	829.0	1.120	0.322	100	1.00	22.55	23.00	1.109	0.357
	50%RB	Left Cheek	20450	829.0	-2.790	0.125	100	1.00	22.55	23.00	1.109	0.139
		Left Tilt	20450	829.0	-3.450	0.229	100	1.00	22.55	23.00	1.109	0.254
		Right Cheek	20450	829.0	1.360	0.164	100	1.00	22.55	23.00	1.109	0.182
		Right Tilt	20450	829.0	1.940	0.307	100	1.00	22.55	23.00	1.109	0.341
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n66 (BW: 10MHz)	1RB	Front	20450	829.0	0.270	0.095	100	1.00	22.55	23.00	1.109	0.105
		Back	20450	829.0	-2.920	0.139	100	1.00	22.55	23.00	1.109	0.154
		Left	20450	829.0	-2.800	0.064	100	1.00	22.55	23.00	1.109	0.071
		Right	20450	829.0	1.270	0.007	100	1.00	22.55	23.00	1.109	0.008
		Top	20450	829.0	-1.540	0.045	100	1.00	22.55	23.00	1.109	0.050
		Bottom	20450	829.0	2.720	0.004	100	1.00	22.55	23.00	1.109	0.004
	50%RB	Front	20450	829.0	2.620	0.086	100	1.00	22.55	23.00	1.109	0.095
		Back	20450	829.0	-0.850	0.124	100	1.00	22.55	23.00	1.109	0.138
		Left	20450	829.0	1.260	0.049	100	1.00	22.55	23.00	1.109	0.054
		Right	20450	829.0	-4.350	0.004	100	1.00	22.55	23.00	1.109	0.004
		Top	20450	829.0	4.660	0.033	100	1.00	22.55	23.00	1.109	0.037
		Bottom	20450	829.0	0.080	0.002	100	1.00	22.55	23.00	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)
5-n77 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	0.620	0.243	100	1.00	23.17	23.50	1.079	0.262
		Left Tilt	20450	829.0	1.220	0.207	100	1.00	23.17	23.50	1.079	0.223
		Right Cheek	20450	829.0	0.580	0.149	100	1.00	23.17	23.50	1.079	0.161
		Right Tilt	20450	829.0	2.350	0.102	100	1.00	23.17	23.50	1.079	0.110
	50%RB	Left Cheek	20450	829.0	4.260	0.226	100	1.00	23.17	23.50	1.079	0.244
		Left Tilt	20450	829.0	1.740	0.178	100	1.00	23.17	23.50	1.079	0.192
		Right Cheek	20450	829.0	1.840	0.129	100	1.00	23.17	23.50	1.079	0.139
		Right Tilt	20450	829.0	-3.850	0.093	100	1.00	23.17	23.50	1.079	0.100
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20450	829.0	0.180	0.058	100	1.00	23.17	23.50	1.079	0.063
		Back	20450	829.0	-0.190	0.072	100	1.00	23.17	23.50	1.079	0.078
		Left	20450	829.0	4.100	0.038	100	1.00	23.17	23.50	1.079	0.041
		Right	20450	829.0	-0.910	0.003	100	1.00	23.17	23.50	1.079	0.003
		Top	20450	829.0	3.560	0.032	100	1.00	23.17	23.50	1.079	0.035
		Bottom	20450	829.0	4.900	0.002	100	1.00	23.17	23.50	1.079	0.002
	50%RB	Front	20450	829.0	0.010	0.044	100	1.00	23.17	23.50	1.079	0.047
		Back	20450	829.0	-3.300	0.059	100	1.00	23.17	23.50	1.079	0.064
		Left	20450	829.0	2.220	0.023	100	1.00	23.17	23.50	1.079	0.025
		Right	20450	829.0	0.590	0.002	100	1.00	23.17	23.50	1.079	0.002
		Top	20450	829.0	0.060	0.018	100	1.00	23.17	23.50	1.079	0.019
		Bottom	20450	829.0	-1.220	0.002	100	1.00	23.17	23.50	1.079	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	-0.150	0.043	100	1.00	23.38	23.50	1.028	0.044
		Left Tilt	20450	829.0	1.650	0.052	100	1.00	23.38	23.50	1.028	0.053
		Right Cheek	20450	829.0	2.710	0.078	100	1.00	23.38	23.50	1.028	0.080
		Right Tilt	20450	829.0	4.480	0.106	100	1.00	23.38	23.50	1.028	0.109
	50%RB	Left Cheek	20450	829.0	2.950	0.032	100	1.00	23.38	23.50	1.028	0.033
		Left Tilt	20450	829.0	1.960	0.047	100	1.00	23.38	23.50	1.028	0.048
		Right Cheek	20450	829.0	-4.490	0.071	100	1.00	23.38	23.50	1.028	0.073
		Right Tilt	20450	829.0	4.860	0.095	100	1.00	23.38	23.50	1.028	0.098
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Front	20450	829.0	2.120	0.036	100	1.00	23.38	23.50	1.028	0.037
		Back	20450	829.0	2.160	0.061	100	1.00	23.38	23.50	1.028	0.063
		Left	20450	829.0	-3.570	0.029	100	1.00	23.38	23.50	1.028	0.030
		Right	20450	829.0	3.200	0.003	100	1.00	23.38	23.50	1.028	0.003
		Top	20450	829.0	3.470	0.022	100	1.00	23.38	23.50	1.028	0.023
		Bottom	20450	829.0	-2.480	0.002	100	1.00	23.38	23.50	1.028	0.002
	50%RB	Front	20450	829.0	-3.470	0.029	100	1.00	23.38	23.50	1.028	0.030
		Back	20450	829.0	2.640	0.050	100	1.00	23.38	23.50	1.028	0.051
		Left	20450	829.0	-4.900	0.017	100	1.00	23.38	23.50	1.028	0.017
		Right	20450	829.0	0.250	0.002	100	1.00	23.38	23.50	1.028	0.002
		Top	20450	829.0	4.530	0.015	100	1.00	23.38	23.50	1.028	0.015
		Bottom	20450	829.0	-2.470	0.002	100	1.00	23.38	23.50	1.028	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	-3.490	0.411	100	1.00	25.88	26.00	1.028	0.423
		Left Tilt	21100	2535.0	0.920	0.602	100	1.00	25.88	26.00	1.028	0.619
		Right Cheek	21100	2535.0	3.580	0.584	100	1.00	25.88	26.00	1.028	0.600
		Right Tilt	21100	2535.0	2.620	0.813	100	1.00	25.88	26.00	1.028	0.836
	50%RB	Left Cheek	21100	2535.0	1.970	0.364	100	1.00	25.88	26.00	1.028	0.374
		Left Tilt	21100	2535.0	-1.680	0.619	100	1.00	25.88	26.00	1.028	0.636
		Right Cheek	21100	2535.0	2.130	0.443	100	1.00	25.88	26.00	1.028	0.455
		Right Tilt	21100	2535.0	-2.880	0.817	100	1.00	25.88	26.00	1.028	0.840
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	2.540	0.241	100	1.00	25.88	26.00	1.028	0.248
		Back	21100	2535.0	0.690	0.389	100	1.00	25.88	26.00	1.028	0.400
		Left	21100	2535.0	-4.100	0.195	100	1.00	25.88	26.00	1.028	0.200
		Right	21100	2535.0	-0.930	0.024	100	1.00	25.88	26.00	1.028	0.025
		Top	21100	2535.0	3.270	0.146	100	1.00	25.88	26.00	1.028	0.150
		Bottom	21100	2535.0	-3.680	0.011	100	1.00	25.88	26.00	1.028	0.011
	50%RB	Front	21100	2535.0	-1.250	0.169	100	1.00	25.88	26.00	1.028	0.174
		Back	21100	2535.0	2.750	0.285	100	1.00	25.88	26.00	1.028	0.293
		Left	21100	2535.0	0.760	0.127	100	1.00	25.88	26.00	1.028	0.131
		Right	21100	2535.0	-4.420	0.011	100	1.00	25.88	26.00	1.028	0.011
		Top	21100	2535.0	1.450	0.083	100	1.00	25.88	26.00	1.028	0.085
		Bottom	21100	2535.0	3.220	0.008	100	1.00	25.88	26.00	1.028	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)
7-n66 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	-2.690	0.154	100	1.00	22.58	23.00	1.102	0.170
		Left Tilt	21100	2535.0	-1.010	0.269	100	1.00	22.58	23.00	1.102	0.296
		Right Cheek	21100	2535.0	3.750	0.227	100	1.00	22.58	23.00	1.102	0.250
		Right Tilt	21100	2535.0	2.040	0.382	100	1.00	22.58	23.00	1.102	0.421
	50%RB	Left Cheek	21100	2535.0	0.510	0.137	100	1.00	22.58	23.00	1.102	0.151
		Left Tilt	21100	2535.0	-1.090	0.239	100	1.00	22.58	23.00	1.102	0.263
		Right Cheek	21100	2535.0	-0.520	0.203	100	1.00	22.58	23.00	1.102	0.224
		Right Tilt	21100	2535.0	3.790	0.318	100	1.00	22.58	23.00	1.102	0.350
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	2.780	0.081	100	1.00	22.58	23.00	1.102	0.089
		Back	21100	2535.0	-2.830	0.132	100	1.00	22.58	23.00	1.102	0.145
		Left	21100	2535.0	-1.340	0.053	100	1.00	22.58	23.00	1.102	0.058
		Right	21100	2535.0	3.400	0.003	100	1.00	22.58	23.00	1.102	0.003
		Top	21100	2535.0	-0.860	0.037	100	1.00	22.58	23.00	1.102	0.041
		Bottom	21100	2535.0	1.510	0.002	100	1.00	22.58	23.00	1.102	0.002
	50%RB	Front	21100	2535.0	-0.660	0.059	100	1.00	22.58	23.00	1.102	0.065
		Back	21100	2535.0	3.510	0.104	100	1.00	22.58	23.00	1.102	0.115
		Left	21100	2535.0	-2.750	0.037	100	1.00	22.58	23.00	1.102	0.041
		Right	21100	2535.0	4.920	0.002	100	1.00	22.58	23.00	1.102	0.002
		Top	21100	2535.0	3.880	0.031	100	1.00	22.58	23.00	1.102	0.034
		Bottom	21100	2535.0	4.700	0.002	100	1.00	22.58	23.00	1.102	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n77 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	0.810	0.843	100	1.00	23.67	24.00	1.079	0.910
		Left Tilt	21100	2535.0	0.590	0.215	100	1.00	23.67	24.00	1.079	0.232
		Right Cheek	21100	2535.0	-0.680	0.885	100	1.00	23.67	24.00	1.079	0.955
		Right Tilt	21100	2535.0	2.740	0.264	100	1.00	23.67	24.00	1.079	0.285
	50%RB	Left Cheek	21100	2535.0	0.450	0.810	100	1.00	23.67	24.00	1.079	0.874
		Left Tilt	21100	2535.0	-1.500	0.209	100	1.00	23.67	24.00	1.079	0.225
		Right Cheek	21100	2535.0	0.060	0.842	100	1.00	23.67	24.00	1.079	0.908
		Right Tilt	21100	2535.0	3.980	0.243	100	1.00	23.67	24.00	1.079	0.262
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	2.180	0.309	100	1.00	23.67	24.00	1.079	0.333
		Back	21100	2535.0	-1.930	0.382	100	1.00	23.67	24.00	1.079	0.412
		Left	21100	2535.0	-2.670	0.228	100	1.00	23.67	24.00	1.079	0.246
		Right	21100	2535.0	1.690	0.023	100	1.00	23.67	24.00	1.079	0.025
		Top	21100	2535.0	-0.340	0.284	100	1.00	23.67	24.00	1.079	0.306
		Bottom	21100	2535.0	1.930	0.010	100	1.00	23.67	24.00	1.079	0.011
	50%RB	Front	21100	2535.0	-2.260	0.258	100	1.00	23.67	24.00	1.079	0.278
		Back	21100	2535.0	1.620	0.357	100	1.00	23.67	24.00	1.079	0.385
		Left	21100	2535.0	-4.780	0.201	100	1.00	23.67	24.00	1.079	0.217
		Right	21100	2535.0	4.700	0.007	100	1.00	23.67	24.00	1.079	0.008
		Top	21100	2535.0	2.450	0.243	100	1.00	23.67	24.00	1.079	0.262
		Bottom	21100	2535.0	-1.310	0.004	100	1.00	23.67	24.00	1.079	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	4.800	1.010	100	1.00	23.62	24.00	1.091	1.102
		Left Tilt	21100	2535.0	-2.270	0.197	100	1.00	23.62	24.00	1.091	0.215
		Right Cheek	21100	2535.0	-0.140	0.756	100	1.00	23.62	24.00	1.091	0.825
		Right Tilt	21100	2535.0	1.370	0.143	100	1.00	23.62	24.00	1.091	0.156
	50%RB	Left Cheek	21100	2535.0	-1.730	0.927	100	1.00	23.62	24.00	1.091	1.012
		Left Tilt	21100	2535.0	4.200	0.146	100	1.00	23.62	24.00	1.091	0.159
		Right Cheek	21100	2535.0	-3.760	0.663	100	1.00	23.62	24.00	1.091	0.724
		Right Tilt	21100	2535.0	1.370	0.109	100	1.00	23.62	24.00	1.091	0.119
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-3.440	0.307	100	1.00	23.62	24.00	1.091	0.335
		Back	21100	2535.0	1.210	0.373	100	1.00	23.62	24.00	1.091	0.407
		Left	21100	2535.0	4.760	0.227	100	1.00	23.62	24.00	1.091	0.248
		Right	21100	2535.0	-2.510	0.019	100	1.00	23.62	24.00	1.091	0.021
		Top	21100	2535.0	-4.540	0.249	100	1.00	23.62	24.00	1.091	0.272
		Bottom	21100	2535.0	2.500	0.009	100	1.00	23.62	24.00	1.091	0.010
	50%RB	Front	21100	2535.0	-2.150	0.253	100	1.00	23.62	24.00	1.091	0.276
		Back	21100	2535.0	1.340	0.306	100	1.00	23.62	24.00	1.091	0.334
		Left	21100	2535.0	3.410	0.192	100	1.00	23.62	24.00	1.091	0.210
		Right	21100	2535.0	2.470	0.015	100	1.00	23.62	24.00	1.091	0.016
		Top	21100	2535.0	2.540	0.144	100	1.00	23.62	24.00	1.091	0.157
		Bottom	21100	2535.0	-2.140	0.008	100	1.00	23.62	24.00	1.091	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)
38-n78 (BW: 20MHz)	1RB	Left Cheek	38225	2617.5	1.100	0.137	100	1.00	23.63	24.00	1.089	0.149
		Left Tilt	38225	2617.5	1.380	0.036	100	1.00	23.63	24.00	1.089	0.039
		Right Cheek	38225	2617.5	1.490	0.182	100	1.00	23.63	24.00	1.089	0.198
		Right Tilt	38225	2617.5	3.100	0.048	100	1.00	23.63	24.00	1.089	0.052
	50%RB	Left Cheek	38225	2617.5	1.630	0.102	100	1.00	23.63	24.00	1.089	0.111
		Left Tilt	38225	2617.5	4.340	0.024	100	1.00	23.63	24.00	1.089	0.026
		Right Cheek	38225	2617.5	1.140	0.127	100	1.00	23.63	24.00	1.089	0.138
		Right Tilt	38225	2617.5	-0.380	0.031	100	1.00	23.63	24.00	1.089	0.034
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
38-n78 (BW: 20MHz)	1RB	Front	38225	2617.5	0.060	0.052	100	1.00	23.63	24.00	1.089	0.057
		Back	38225	2617.5	-2.510	0.076	100	1.00	23.63	24.00	1.089	0.083
		Left	38225	2617.5	0.530	0.041	100	1.00	23.63	24.00	1.089	0.045
		Right	38225	2617.5	-0.410	0.009	100	1.00	23.63	24.00	1.089	0.010
		Top	38225	2617.5	1.020	0.023	100	1.00	23.63	24.00	1.089	0.025
		Bottom	38225	2617.5	-1.390	0.005	100	1.00	23.63	24.00	1.089	0.005
	50%RB	Front	38225	2617.5	-1.050	0.042	100	1.00	23.63	24.00	1.089	0.046
		Back	38225	2617.5	-3.880	0.053	100	1.00	23.63	24.00	1.089	0.058
		Left	38225	2617.5	2.580	0.036	100	1.00	23.63	24.00	1.089	0.039
		Right	38225	2617.5	-1.110	0.007	100	1.00	23.63	24.00	1.089	0.008
		Top	38225	2617.5	4.210	0.019	100	1.00	23.63	24.00	1.089	0.021
		Bottom	38225	2617.5	-1.990	0.004	100	1.00	23.63	24.00	1.089	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-3.060	0.016	100	1.00	22.43	22.50	1.016	0.016
		Left Tilt	40620	2593.0	2.790	0.027	100	1.00	22.43	22.50	1.016	0.027
		Right Cheek	40620	2593.0	-1.810	0.101	100	1.00	22.43	22.50	1.016	0.103
		Right Tilt	40620	2593.0	-4.100	0.041	100	1.00	22.43	22.50	1.016	0.042
	50%RB	Left Cheek	40620	2593.0	-0.470	0.013	100	1.00	22.43	22.50	1.016	0.013
		Left Tilt	40620	2593.0	3.650	0.022	100	1.00	22.43	22.50	1.016	0.022
		Right Cheek	40620	2593.0	3.170	0.085	100	1.00	22.43	22.50	1.016	0.086
		Right Tilt	40620	2593.0	3.670	0.031	100	1.00	22.43	22.50	1.016	0.032
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Front	40620	2593.0	-1.770	0.047	100	1.00	22.43	22.50	1.016	0.048
		Back	40620	2593.0	4.840	0.063	100	1.00	22.43	22.50	1.016	0.064
		Left	40620	2593.0	-1.860	0.024	100	1.00	22.43	22.50	1.016	0.024
		Right	40620	2593.0	2.730	0.005	100	1.00	22.43	22.50	1.016	0.005
		Top	40620	2593.0	-3.540	0.019	100	1.00	22.43	22.50	1.016	0.019
		Bottom	40620	2593.0	-4.550	0.003	100	1.00	22.43	22.50	1.016	0.003
	50%RB	Front	40620	2593.0	-0.310	0.034	100	1.00	22.43	22.50	1.016	0.035
		Back	40620	2593.0	-1.680	0.052	100	1.00	22.43	22.50	1.016	0.053
		Left	40620	2593.0	0.130	0.019	100	1.00	22.43	22.50	1.016	0.019
		Right	40620	2593.0	-4.580	0.004	100	1.00	22.43	22.50	1.016	0.004
		Top	40620	2593.0	-4.140	0.015	100	1.00	22.43	22.50	1.016	0.015
		Bottom	40620	2593.0	1.680	0.002	100	1.00	22.43	22.50	1.016	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-n77 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-3.070	0.018	100	1.00	23.45	23.50	1.012	0.018
		Left Tilt	40620	2593.0	1.470	0.031	100	1.00	23.45	23.50	1.012	0.031
		Right Cheek	40620	2593.0	1.860	0.146	100	1.00	23.45	23.50	1.012	0.148
		Right Tilt	40620	2593.0	-1.130	0.053	100	1.00	23.45	23.50	1.012	0.054
	50%RB	Left Cheek	40620	2593.0	-1.240	0.015	100	1.00	23.45	23.50	1.012	0.015
		Left Tilt	40620	2593.0	1.230	0.024	100	1.00	23.45	23.50	1.012	0.024
		Right Cheek	40620	2593.0	0.860	0.101	100	1.00	23.45	23.50	1.012	0.102
		Right Tilt	40620	2593.0	-1.520	0.039	100	1.00	23.45	23.50	1.012	0.039
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.920	0.052	100	1.00	23.45	23.50	1.012	0.053
		Back	40620	2593.0	2.920	0.076	100	1.00	23.45	23.50	1.012	0.077
		Left	40620	2593.0	-1.450	0.031	100	1.00	23.45	23.50	1.012	0.031
		Right	40620	2593.0	2.540	0.007	100	1.00	23.45	23.50	1.012	0.007
		Top	40620	2593.0	-1.920	0.038	100	1.00	23.45	23.50	1.012	0.038
		Bottom	40620	2593.0	4.060	0.005	100	1.00	23.45	23.50	1.012	0.005
	50%RB	Front	40620	2593.0	2.410	0.044	100	1.00	23.45	23.50	1.012	0.045
		Back	40620	2593.0	-1.630	0.059	100	1.00	23.45	23.50	1.012	0.060
		Left	40620	2593.0	0.490	0.023	100	1.00	23.45	23.50	1.012	0.023
		Right	40620	2593.0	-2.450	0.005	100	1.00	23.45	23.50	1.012	0.005
		Top	40620	2593.0	2.190	0.019	100	1.00	23.45	23.50	1.012	0.019
		Bottom	40620	2593.0	0.090	0.004	100	1.00	23.45	23.50	1.012	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	3.060	0.144	100	1.00	23.48	23.50	1.005	0.145
		Left Tilt	40620	2593.0	-4.970	0.038	100	1.00	23.48	23.50	1.005	0.038
		Right Cheek	40620	2593.0	4.280	0.162	100	1.00	23.48	23.50	1.005	0.163
		Right Tilt	40620	2593.0	4.490	0.046	100	1.00	23.48	23.50	1.005	0.046
	50%RB	Left Cheek	40620	2593.0	-1.990	0.102	100	1.00	23.48	23.50	1.005	0.102
		Left Tilt	40620	2593.0	3.930	0.027	100	1.00	23.48	23.50	1.005	0.027
		Right Cheek	40620	2593.0	0.120	0.115	100	1.00	23.48	23.50	1.005	0.116
		Right Tilt	40620	2593.0	4.400	0.034	100	1.00	23.48	23.50	1.005	0.034
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Front	40620	2593.0	3.930	0.051	100	1.00	23.48	23.50	1.005	0.051
		Back	40620	2593.0	2.700	0.079	100	1.00	23.48	23.50	1.005	0.079
		Left	40620	2593.0	-0.790	0.037	100	1.00	23.48	23.50	1.005	0.037
		Right	40620	2593.0	2.980	0.007	100	1.00	23.48	23.50	1.005	0.007
		Top	40620	2593.0	-3.230	0.042	100	1.00	23.48	23.50	1.005	0.042
		Bottom	40620	2593.0	1.750	0.003	100	1.00	23.48	23.50	1.005	0.003
	50%RB	Front	40620	2593.0	-2.850	0.038	100	1.00	23.48	23.50	1.005	0.038
		Back	40620	2593.0	-1.400	0.051	100	1.00	23.48	23.50	1.005	0.051
		Left	40620	2593.0	1.360	0.024	100	1.00	23.48	23.50	1.005	0.024
		Right	40620	2593.0	-0.140	0.006	100	1.00	23.48	23.50	1.005	0.006
		Top	40620	2593.0	1.000	0.017	100	1.00	23.48	23.50	1.005	0.017
		Bottom	40620	2593.0	4.200	0.003	100	1.00	23.48	23.50	1.005	0.003

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n7 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	4.650	0.677	100	1.00	25.31	25.50	1.045	0.707
		Left Tilt	132322	1755.0	-0.850	0.966	100	1.00	25.31	25.50	1.045	1.009
		Right Cheek	132322	1755.0	3.290	0.584	100	1.00	25.31	25.50	1.045	0.610
		Right Tilt	132322	1755.0	-4.000	0.635	100	1.00	25.31	25.50	1.045	0.663
	50%RB	Left Cheek	132322	1755.0	-1.470	0.411	100	1.00	25.31	25.50	1.045	0.429
		Left Tilt	132322	1755.0	-3.410	0.619	100	1.00	25.31	25.50	1.045	0.647
		Right Cheek	132322	1755.0	-1.850	0.365	100	1.00	25.31	25.50	1.045	0.381
		Right Tilt	132322	1755.0	-2.180	0.406	100	1.00	25.31	25.50	1.045	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)
66-n7 (BW: 20MHz)	1RB	Front	132322	1755.0	4.390	0.427	100	1.00	25.31	25.50	1.045	0.446
		Back	132322	1755.0	3.200	0.546	100	1.00	25.31	25.50	1.045	0.570
		Left	132322	1755.0	1.490	0.263	100	1.00	25.31	25.50	1.045	0.275
		Right	132322	1755.0	3.230	0.024	100	1.00	25.31	25.50	1.045	0.025
		Top	132322	1755.0	-2.620	0.289	100	1.00	25.31	25.50	1.045	0.302
		Bottom	132322	1755.0	-0.880	0.014	100	1.00	25.31	25.50	1.045	0.015
	50%RB	Front	132322	1755.0	-1.190	0.279	100	1.00	25.31	25.50	1.045	0.291
		Back	132322	1755.0	-2.200	0.391	100	1.00	25.31	25.50	1.045	0.408
		Left	132322	1755.0	0.800	0.177	100	1.00	25.31	25.50	1.045	0.185
		Right	132322	1755.0	3.480	0.102	100	1.00	25.31	25.50	1.045	0.107
		Top	132322	1755.0	0.500	0.133	100	1.00	25.31	25.50	1.045	0.139
		Bottom	132322	1755.0	1.570	0.062	100	1.00	25.31	25.50	1.045	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)
66-n38 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	4.060	0.515	100	1.00	25.41	25.50	1.021	0.526
		Left Tilt	132322	1755.0	0.990	0.203	100	1.00	25.41	25.50	1.021	0.207
		Right Cheek	132322	1755.0	2.540	0.748	100	1.00	25.41	25.50	1.021	0.764
		Right Tilt	132322	1755.0	-3.360	0.217	100	1.00	25.41	25.50	1.021	0.222
	50%RB	Left Cheek	132322	1755.0	0.060	0.365	100	1.00	25.41	25.50	1.021	0.373
		Left Tilt	132322	1755.0	-0.120	0.162	100	1.00	25.41	25.50	1.021	0.165
		Right Cheek	132322	1755.0	1.540	0.453	100	1.00	25.41	25.50	1.021	0.462
		Right Tilt	132322	1755.0	-3.360	0.279	100	1.00	25.41	25.50	1.021	0.285
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n38 (BW: 20MHz)	1RB	Front	132322	1755.0	0.240	0.237	100	1.00	25.41	25.50	1.021	0.242
		Back	132322	1755.0	4.080	0.265	100	1.00	25.41	25.50	1.021	0.271
		Left	132322	1755.0	-4.560	0.131	100	1.00	25.41	25.50	1.021	0.134
		Right	132322	1755.0	1.000	0.016	100	1.00	25.41	25.50	1.021	0.016
		Top	132322	1755.0	-2.760	0.159	100	1.00	25.41	25.50	1.021	0.162
		Bottom	132322	1755.0	1.550	0.009	100	1.00	25.41	25.50	1.021	0.009
	50%RB	Front	132322	1755.0	0.420	0.169	100	1.00	25.41	25.50	1.021	0.173
		Back	132322	1755.0	0.280	0.205	100	1.00	25.41	25.50	1.021	0.209
		Left	132322	1755.0	-0.560	0.102	100	1.00	25.41	25.50	1.021	0.104
		Right	132322	1755.0	-1.000	0.011	100	1.00	25.41	25.50	1.021	0.011
		Top	132322	1755.0	-1.750	0.086	100	1.00	25.41	25.50	1.021	0.088
		Bottom	132322	1755.0	1.240	0.007	100	1.00	25.41	25.50	1.021	0.007

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	-3.610	0.502	100	1.00	25.81	26.00	1.045	0.524
		Left Tilt	132322	1755.0	0.460	0.198	100	1.00	25.81	26.00	1.045	0.207
		Right Cheek	132322	1755.0	1.640	0.761	100	1.00	25.81	26.00	1.045	0.795
		Right Tilt	132322	1755.0	1.130	0.254	100	1.00	25.81	26.00	1.045	0.265
	50%RB	Left Cheek	132322	1755.0	-3.160	0.389	100	1.00	25.81	26.00	1.045	0.406
		Left Tilt	132322	1755.0	0.580	0.152	100	1.00	25.81	26.00	1.045	0.159
		Right Cheek	132322	1755.0	-1.210	0.603	100	1.00	25.81	26.00	1.045	0.630
		Right Tilt	132322	1755.0	0.150	0.201	100	1.00	25.81	26.00	1.045	0.210
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Front	132322	1755.0	0.830	0.219	100	1.00	25.81	26.00	1.045	0.229
		Back	132322	1755.0	-1.980	0.266	100	1.00	25.81	26.00	1.045	0.278
		Left	132322	1755.0	3.360	0.165	100	1.00	25.81	26.00	1.045	0.172
		Right	132322	1755.0	-0.990	0.029	100	1.00	25.81	26.00	1.045	0.030
		Top	132322	1755.0	0.070	0.183	100	1.00	25.81	26.00	1.045	0.191
		Bottom	132322	1755.0	-3.000	0.022	100	1.00	25.81	26.00	1.045	0.023
	50%RB	Front	132322	1755.0	-0.830	0.164	100	1.00	25.81	26.00	1.045	0.171
		Back	132322	1755.0	1.250	0.205	100	1.00	25.81	26.00	1.045	0.214
		Left	132322	1755.0	-0.510	0.121	100	1.00	25.81	26.00	1.045	0.126
		Right	132322	1755.0	0.170	0.018	100	1.00	25.81	26.00	1.045	0.019
		Top	132322	1755.0	0.050	0.102	100	1.00	25.81	26.00	1.045	0.107
		Bottom	132322	1755.0	-2.150	0.015	100	1.00	25.81	26.00	1.045	0.016

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n66 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	-2.850	0.411	100	1.00	22.55	23.00	1.109	0.456
		Left Tilt	132322	1755.0	3.900	0.125	100	1.00	22.55	23.00	1.109	0.139
		Right Cheek	132322	1755.0	-2.800	0.679	100	1.00	22.55	23.00	1.109	0.753
		Right Tilt	132322	1755.0	-4.080	0.163	100	1.00	22.55	23.00	1.109	0.181
	50%RB	Left Cheek	132322	1755.0	-3.760	0.246	100	1.00	22.55	23.00	1.109	0.273
		Left Tilt	132322	1755.0	-4.830	0.083	100	1.00	22.55	23.00	1.109	0.092
		Right Cheek	132322	1755.0	-3.000	0.411	100	1.00	22.55	23.00	1.109	0.456
		Right Tilt	132322	1755.0	-2.930	0.147	100	1.00	22.55	23.00	1.109	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)
66-n66 (BW: 20MHz)	1RB	Front	132322	1755.0	1.500	0.162	100	1.00	22.55	23.00	1.109	0.180
		Back	132322	1755.0	-1.080	0.203	100	1.00	22.55	23.00	1.109	0.225
		Left	132322	1755.0	4.950	0.088	100	1.00	22.55	23.00	1.109	0.098
		Right	132322	1755.0	-0.570	0.034	100	1.00	22.55	23.00	1.109	0.038
		Top	132322	1755.0	0.070	0.051	100	1.00	22.55	23.00	1.109	0.057
		Bottom	132322	1755.0	-0.140	0.012	100	1.00	22.55	23.00	1.109	0.013
	50%RB	Front	132322	1755.0	-3.600	0.101	100	1.00	22.55	23.00	1.109	0.112
		Back	132322	1755.0	2.940	0.163	100	1.00	22.55	23.00	1.109	0.181
		Left	132322	1755.0	-2.290	0.046	100	1.00	22.55	23.00	1.109	0.051
		Right	132322	1755.0	-2.420	0.022	100	1.00	22.55	23.00	1.109	0.024
		Top	132322	1755.0	4.290	0.030	100	1.00	22.55	23.00	1.109	0.033
		Bottom	132322	1755.0	4.260	0.016	100	1.00	22.55	23.00	1.109	0.018

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n77 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	0.800	0.506	100	1.00	23.83	24.00	1.040	0.526
		Left Tilt	132322	1755.0	-1.470	0.149	100	1.00	23.83	24.00	1.040	0.155
		Right Cheek	132322	1755.0	2.200	0.750	100	1.00	23.83	24.00	1.040	0.780
		Right Tilt	132322	1755.0	0.760	0.211	100	1.00	23.83	24.00	1.040	0.219
	50%RB	Left Cheek	132322	1755.0	0.120	0.389	100	1.00	23.83	24.00	1.040	0.405
		Left Tilt	132322	1755.0	-1.200	0.102	100	1.00	23.83	24.00	1.040	0.106
		Right Cheek	132322	1755.0	0.080	0.511	100	1.00	23.83	24.00	1.040	0.531
		Right Tilt	132322	1755.0	-0.670	0.204	100	1.00	23.83	24.00	1.040	0.212
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n77 (BW: 20MHz)	1RB	Front	132322	1755.0	2.200	0.207	100	1.00	23.83	24.00	1.040	0.215
		Back	132322	1755.0	0.990	0.277	100	1.00	23.83	24.00	1.040	0.288
		Left	132322	1755.0	1.750	0.092	100	1.00	23.83	24.00	1.040	0.096
		Right	132322	1755.0	-4.080	0.016	100	1.00	23.83	24.00	1.040	0.017
		Top	132322	1755.0	4.780	0.121	100	1.00	23.83	24.00	1.040	0.126
		Bottom	132322	1755.0	-4.400	0.007	100	1.00	23.83	24.00	1.040	0.007
	50%RB	Front	132322	1755.0	1.240	0.153	100	1.00	23.83	24.00	1.040	0.159
		Back	132322	1755.0	-1.510	0.214	100	1.00	23.83	24.00	1.040	0.223
		Left	132322	1755.0	0.750	0.088	100	1.00	23.83	24.00	1.040	0.092
		Right	132322	1755.0	-0.750	0.010	100	1.00	23.83	24.00	1.040	0.010
		Top	132322	1755.0	0.700	0.067	100	1.00	23.83	24.00	1.040	0.070
		Bottom	132322	1755.0	-1.380	0.004	100	1.00	23.83	24.00	1.040	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n78 (BW: 20MHz)	1RB	Left Cheek	132322	1755.0	0.810	0.739	100	1.00	23.83	24.00	1.040	0.769
		Left Tilt	132322	1755.0	-1.430	0.152	100	1.00	23.83	24.00	1.040	0.158
		Right Cheek	132322	1755.0	-0.750	0.376	100	1.00	23.83	24.00	1.040	0.391
		Right Tilt	132322	1755.0	2.820	0.209	100	1.00	23.83	24.00	1.040	0.217
	50%RB	Left Cheek	132322	1755.0	1.180	0.518	100	1.00	23.83	24.00	1.040	0.539
		Left Tilt	132322	1755.0	0.430	0.102	100	1.00	23.83	24.00	1.040	0.106
		Right Cheek	132322	1755.0	0.570	0.297	100	1.00	23.83	24.00	1.040	0.309
		Right Tilt	132322	1755.0	2.820	0.163	100	1.00	23.83	24.00	1.040	0.170
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n78 (BW: 20MHz)	1RB	Front	132322	1755.0	2.120	0.207	100	1.00	23.83	24.00	1.040	0.215
		Back	132322	1755.0	-4.790	0.277	100	1.00	23.83	24.00	1.040	0.288
		Left	132322	1755.0	-1.810	0.103	100	1.00	23.83	24.00	1.040	0.107
		Right	132322	1755.0	1.640	0.020	100	1.00	23.83	24.00	1.040	0.021
		Top	132322	1755.0	-2.140	0.118	100	1.00	23.83	24.00	1.040	0.123
		Bottom	132322	1755.0	0.980	0.012	100	1.00	23.83	24.00	1.040	0.012
	50%RB	Front	132322	1755.0	-1.270	0.145	100	1.00	23.83	24.00	1.040	0.151
		Back	132322	1755.0	-0.750	0.211	100	1.00	23.83	24.00	1.040	0.219
		Left	132322	1755.0	0.180	0.117	100	1.00	23.83	24.00	1.040	0.122
		Right	132322	1755.0	1.240	0.016	100	1.00	23.83	24.00	1.040	0.017
		Top	132322	1755.0	-0.550	0.083	100	1.00	23.83	24.00	1.040	0.086
		Bottom	132322	1755.0	1.120	0.009	100	1.00	23.83	24.00	1.040	0.009

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	0.05	0.138	100	1.00	22.92	23.00	1.019	0.141
	Left Tilt	11	2462	0.00	0.170	100	1.00	22.92	23.00	1.019	0.173
	Right Cheek	11	2462	0.02	0.054	100	1.00	22.92	23.00	1.019	0.055
	Right Tilt	11	2462	-0.03	0.089	100	1.00	22.92	23.00	1.019	0.091
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2.4g (2.4~2.4835) 802.11n(HT20)	Front	11	2462	0.04	0.010	100	1.00	22.92	23.00	1.019	0.010
	Back	11	2462	-0.12	0.018	100	1.00	22.92	23.00	1.019	0.018
	Left	11	2462	-0.02	0.002	100	1.00	22.92	23.00	1.019	0.002
	Right	11	2462	-0.17	0.011	100	1.00	22.92	23.00	1.019	0.011
	Top	11	2462	0.12	0.013	100	1.00	22.92	23.00	1.019	0.013
	Bottom	11	2462	-0.18	0.002	100	1.00	22.92	23.00	1.019	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 5180-5240 802.11n- HT40	Left Cheek	46	5230	-0.04	0.113	100	1.00	14.05	14.50	1.109	0.125
	Left Tilt	46	5230	0.14	0.164	100	1.00	14.05	14.50	1.109	0.182
	Right Cheek	46	5230	-0.01	0.061	100	1.00	14.05	14.50	1.109	0.068
	Right Tilt	46	5230	-0.02	0.085	100	1.00	14.05	14.50	1.109	0.094
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- HT40	Front	46	5230	0.03	0.017	100	1.00	14.05	14.50	1.109	0.019
	Back	46	5230	0.09	0.034	100	1.00	14.05	14.50	1.109	0.038
	Left	46	5230	0.08	0.012	100	1.00	14.05	14.50	1.109	0.013
	Right	46	5230	-0.11	0.010	100	1.00	14.05	14.50	1.109	0.011
	Top	46	5230	-0.14	0.020	100	1.00	14.05	14.50	1.109	0.022
	Bottom	46	5230	-0.18	0.003	100	1.00	14.05	14.50	1.109	0.003

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11n- HT20	Left Cheek	64	5320	-0.02	0.089	100	1.00	13.57	14.00	1.104	0.098
	Left Tilt	64	5320	0.18	0.201	100	1.00	13.57	14.00	1.104	0.222
	Right Cheek	64	5320	0.03	0.053	100	1.00	13.57	14.00	1.104	0.059
	Right Tilt	64	5320	0.01	0.072	100	1.00	13.57	14.00	1.104	0.079
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	-0.14	0.007	100	1.00	13.57	14.00	1.104	0.008
	Back	64	5320	0.06	0.017	100	1.00	13.57	14.00	1.104	0.019
	Left	64	5320	0.08	0.006	100	1.00	13.57	14.00	1.104	0.007
	Right	64	5320	0.15	0.007	100	1.00	13.57	14.00	1.104	0.008
	Top	64	5320	-0.06	0.013	100	1.00	13.57	14.00	1.104	0.014
	Bottom	64	5320	0.17	0.002	100	1.00	13.57	14.00	1.104	0.002

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT40	Left Cheek	134	5670	-0.03	0.086	100	1.00	14.17	14.50	1.079	0.093
	Left Tilt	134	5670	-0.31	0.169	100	1.00	14.17	14.50	1.079	0.182
	Right Cheek	134	5670	-0.05	0.050	100	1.00	14.17	14.50	1.079	0.054
	Right Tilt	134	5670	0.07	0.079	100	1.00	14.17	14.50	1.079	0.085
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- HT40	Front	134	5670	0.14	0.022	100	1.00	14.17	14.50	1.079	0.024
	Back	134	5670	-0.10	0.012	100	1.00	14.17	14.50	1.079	0.013
	Left	134	5670	0.13	0.009	100	1.00	14.17	14.50	1.079	0.010
	Right	134	5670	0.07	0.016	100	1.00	14.17	14.50	1.079	0.017
	Top	134	5670	-0.12	0.003	100	1.00	14.17	14.50	1.079	0.003
	Bottom	134	5670	0.14	0.022	100	1.00	14.17	14.50	1.079	0.024

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	0.08	0.126	100	1.00	14.43	14.50	1.016	0.128
	Left Tilt	165	5825	0.13	0.200	100	1.00	14.43	14.50	1.016	0.203
	Right Cheek	165	5825	0.02	0.068	100	1.00	14.43	14.50	1.016	0.069
	Right Tilt	165	5825	0.05	0.103	100	1.00	14.43	14.50	1.016	0.105
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	0.07	0.010	100	1.00	14.43	14.50	1.016	0.010
	Back	165	5825	0.15	0.016	100	1.00	14.43	14.50	1.016	0.016
	Left	165	5825	-0.06	0.011	100	1.00	14.43	14.50	1.016	0.011
	Right	165	5825	-0.15	0.009	100	1.00	14.43	14.50	1.016	0.009
	Top	165	5825	-0.10	0.012	100	1.00	14.43	14.50	1.016	0.012
	Bottom	165	5825	0.18	0.002	100	1.00	14.43	14.50	1.016	0.002

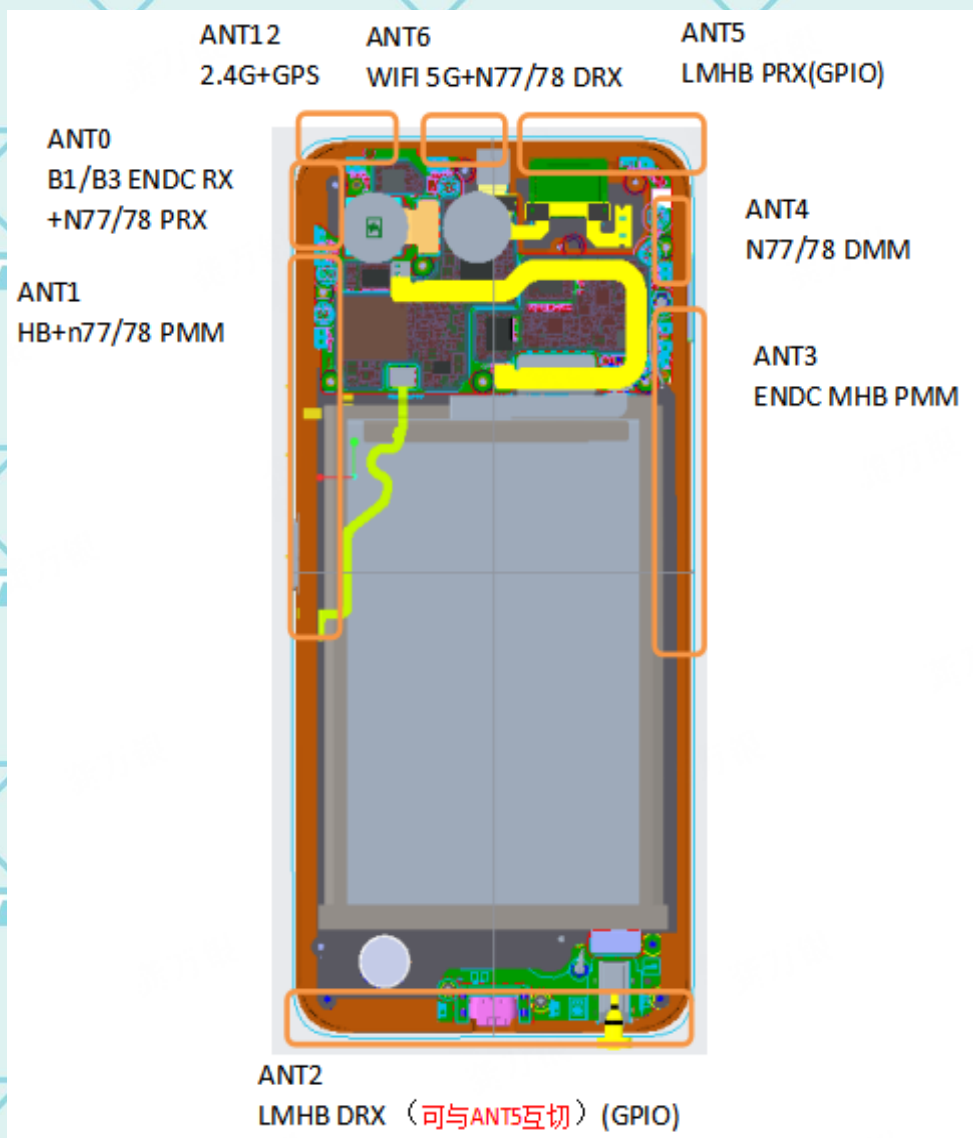
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Left Cheek	78	2480	-0.110	0.116	100	1.00	15.06	15.50	1.107	0.128
	Left Tilt	78	2480	0.130	0.182	100	1.00	15.06	15.50	1.107	0.201
	Right Cheek	78	2480	0.090	0.050	100	1.00	15.06	15.50	1.107	0.055
	Right Tilt	78	2480	0.080	0.062	100	1.00	15.06	15.50	1.107	0.069
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	78	2480	0.020	0.036	100	1.00	15.06	15.50	1.107	0.040
	Back	78	2480	-0.120	0.042	100	1.00	15.06	15.50	1.107	0.046
	Left	78	2480	0.010	0.011	100	1.00	15.06	15.50	1.107	0.012
	Right	78	2480	0.060	0.027	100	1.00	15.06	15.50	1.107	0.030
	Top	78	2480	-0.040	0.019	100	1.00	15.06	15.50	1.107	0.021
	Bottom	78	2480	0.060	0.003	100	1.00	15.06	15.50	1.107	0.003

Note:

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

12 Multiple Transmitter Information

The SAR measurement positions of each side are as below:



< Rear Side >

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

- 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 2) SAR 1g(W/kg)			
GSM850 (voice)	Left Cheek	0.265	0.141	0.098	0.128	0.406	1.6
	Left Tilt	0.339	0.173	0.222	0.201	0.512	
	Right Cheek	0.512	0.055	0.059	0.055	0.567	
	Right Tilt	0.648	0.091	0.079	0.069	0.739	
GSM1900 (voice)	Left Cheek	0.121	0.141	0.098	0.128	0.262	
	Left Tilt	0.209	0.173	0.222	0.201	0.382	
	Right Cheek	0.252	0.055	0.059	0.055	0.307	
	Right Tilt	0.464	0.091	0.079	0.069	0.555	
WCDMA Band 2	Left Cheek	0.210	0.141	0.098	0.128	0.351	
	Left Tilt	0.367	0.173	0.222	0.201	0.540	
	Right Cheek	0.392	0.055	0.059	0.055	0.447	
	Right Tilt	0.713	0.091	0.079	0.069	0.804	
WCDMA Band 4	Left Cheek	0.219	0.141	0.098	0.128	0.360	
	Left Tilt	0.375	0.173	0.222	0.201	0.548	
	Right Cheek	0.380	0.055	0.059	0.055	0.435	
	Right Tilt	0.694	0.091	0.079	0.069	0.785	
WCDMA Band 5	Left Cheek	0.175	0.141	0.098	0.128	0.316	
	Left Tilt	0.238	0.173	0.222	0.201	0.411	
	Right Cheek	0.328	0.055	0.059	0.055	0.383	
	Right Tilt	0.451	0.091	0.079	0.069	0.542	

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 2) SAR 1g(W/kg)			
LTE Band 2 QPSK (20MHz)	Left Cheek	1RB	0.224	0.141	0.098	0.128	0.365	1.6
	Left Tilt		0.412	0.173	0.222	0.201	0.585	
	Right Cheek		0.583	0.055	0.059	0.055	0.638	
	Right Tilt	50%RB	0.648	0.091	0.079	0.069	0.739	
	Left Cheek		0.195	0.141	0.098	0.128	0.336	
	Left Tilt		0.370	0.173	0.222	0.201	0.543	
	Right Cheek		0.362	0.055	0.059	0.055	0.417	
LTE Band 4 QPSK (20MHz)	Right Tilt	1RB	0.620	0.091	0.079	0.069	0.711	
	Left Cheek		0.190	0.141	0.098	0.128	0.331	
	Left Tilt		0.368	0.173	0.222	0.201	0.541	
	Right Cheek	50%RB	0.323	0.055	0.059	0.055	0.378	
	Right Tilt		0.584	0.091	0.079	0.069	0.675	
	Left Cheek		0.163	0.141	0.098	0.128	0.304	
	Left Tilt		0.345	0.173	0.222	0.201	0.518	
LTE Band 5 QPSK (10MHz)	Right Cheek	1RB	0.305	0.055	0.059	0.055	0.360	
	Right Tilt		0.518	0.091	0.079	0.069	0.609	
	Left Cheek	50%RB	0.138	0.141	0.098	0.128	0.279	
	Left Tilt		0.328	0.173	0.222	0.201	0.501	
	Right Cheek		0.298	0.055	0.059	0.055	0.353	
	Right Tilt		0.465	0.091	0.079	0.069	0.556	
LTE Band 7 QPSK (20MHz)	Left Cheek	1RB	0.117	0.141	0.098	0.128	0.258	
	Left Tilt		0.294	0.173	0.222	0.201	0.467	
	Right Cheek	50%RB	0.275	0.055	0.059	0.055	0.330	
	Right Tilt		0.432	0.091	0.079	0.069	0.523	
	Left Cheek	1RB	0.202	0.141	0.098	0.128	0.343	
	Left Tilt		0.462	0.173	0.222	0.201	0.635	
	Right Cheek	50%RB	0.328	0.055	0.059	0.055	0.383	
LTE Band 12 QPSK (10MHz)	Right Tilt		0.571	0.091	0.079	0.069	0.662	
	Left Cheek	1RB	0.180	0.141	0.098	0.128	0.321	
	Left Tilt		0.440	0.173	0.222	0.201	0.613	
	Right Cheek	50%RB	0.290	0.055	0.059	0.055	0.345	
	Right Tilt		0.515	0.091	0.079	0.069	0.606	
	Left Cheek	1RB	0.135	0.141	0.098	0.128	0.276	
	Left Tilt		0.331	0.173	0.222	0.201	0.504	
LTE Band 13 QPSK (10MHz)	Right Cheek	1RB	0.375	0.055	0.059	0.055	0.430	
	Right Tilt		0.548	0.091	0.079	0.069	0.639	
	Left Cheek	50%RB	0.116	0.141	0.098	0.128	0.257	
	Left Tilt		0.281	0.173	0.222	0.201	0.454	
	Right Cheek		0.358	0.055	0.059	0.055	0.413	
	Right Tilt		0.516	0.091	0.079	0.069	0.607	
	Left Cheek	1RB	0.111	0.141	0.098	0.128	0.252	
LTE Band 17 QPSK (10MHz)	Left Tilt		0.177	0.173	0.222	0.201	0.350	
	Right Cheek	50%RB	0.304	0.055	0.059	0.055	0.359	
	Right Tilt		0.431	0.091	0.079	0.069	0.522	
	Left Cheek		0.107	0.141	0.098	0.128	0.248	
	Left Tilt		0.165	0.173	0.222	0.201	0.338	
	Right Cheek	1RB	0.273	0.055	0.059	0.055	0.328	
	Right Tilt		0.365	0.091	0.079	0.069	0.456	
LTE Band 17 QPSK (10MHz)	Left Cheek	1RB	0.154	0.141	0.098	0.128	0.295	
	Left Tilt		0.238	0.173	0.222	0.201	0.411	
	Right Cheek	50%RB	0.425	0.055	0.059	0.055	0.480	
	Right Tilt		0.560	0.091	0.079	0.069	0.651	
	Left Cheek		0.141	0.141	0.098	0.128	0.282	
	Left Tilt		0.203	0.173	0.222	0.201	0.376	
	Right Cheek		0.406	0.055	0.059	0.055	0.461	
	Right Tilt		0.544	0.091	0.079	0.069	0.635	

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 2) SAR 1g(W/kg)			
LTE Band 38 QPSK (20MHz)	Left Cheek	1RB	0.200	0.141	0.098	0.128	0.341	1.6
	Left Tilt		0.305	0.173	0.222	0.201	0.478	
	Right Cheek		0.415	0.055	0.059	0.055	0.470	
	Right Tilt	50%RB	0.708	0.091	0.079	0.069	0.799	
	Left Cheek		0.182	0.141	0.098	0.128	0.323	
	Left Tilt		0.287	0.173	0.222	0.201	0.460	
	Right Cheek		0.353	0.055	0.059	0.055	0.408	
LTE Band 41 QPSK (20MHz)	Right Tilt	1RB	0.616	0.091	0.079	0.069	0.707	
	Left Cheek		0.100	0.141	0.098	0.128	0.241	
	Left Tilt		0.188	0.173	0.222	0.201	0.361	
	Right Cheek	50%RB	0.201	0.055	0.059	0.055	0.256	
	Right Tilt		0.371	0.091	0.079	0.069	0.462	
	Left Cheek		0.482	0.141	0.098	0.128	0.623	
	Left Tilt		0.431	0.173	0.222	0.201	0.604	
LTE Band 42 QPSK (20MHz)	Right Cheek	1RB	0.313	0.055	0.059	0.055	0.368	
	Right Tilt		0.252	0.091	0.079	0.069	0.343	
	Left Cheek	50%RB	1.035	0.141	0.098	0.128	1.176	
	Left Tilt		0.707	0.173	0.222	0.201	0.880	
	Right Cheek		0.217	0.055	0.059	0.055	0.272	
	Right Tilt		0.148	0.091	0.079	0.069	0.239	
LTE Band 66 QPSK (20MHz)	Left Cheek	1RB	0.993	0.141	0.098	0.128	1.134	
	Left Tilt		0.661	0.173	0.222	0.201	0.834	
	Right Cheek	50%RB	0.203	0.055	0.059	0.055	0.258	
	Right Tilt		0.128	0.091	0.079	0.069	0.219	
	Left Cheek	1RB	0.189	0.141	0.098	0.128	0.330	
	Left Tilt		0.309	0.173	0.222	0.201	0.482	
	Right Cheek	50%RB	0.428	0.055	0.059	0.055	0.483	
NR Band 5	Right Tilt		0.628	0.091	0.079	0.069	0.719	
	Left Cheek	1RB	0.166	0.141	0.098	0.128	0.307	
	Left Tilt		0.290	0.173	0.222	0.201	0.463	
	Right Cheek	50%RB	0.370	0.055	0.059	0.055	0.425	
	Right Tilt		0.578	0.091	0.079	0.069	0.669	
	Left Cheek	1RB	0.191	0.141	0.098	0.128	0.332	
	Left Tilt		0.265	0.173	0.222	0.201	0.438	
NR Band 7	Right Cheek	1RB	0.391	0.055	0.059	0.055	0.446	
	Right Tilt		0.498	0.091	0.079	0.069	0.589	
	Left Cheek	50%RB	0.171	0.141	0.098	0.128	0.312	
	Left Tilt		0.256	0.173	0.222	0.201	0.429	
	Right Cheek		0.358	0.055	0.059	0.055	0.413	
	Right Tilt		0.455	0.091	0.079	0.069	0.546	
NR Band 12	Left Cheek	1RB	0.220	0.141	0.098	0.128	0.361	
	Left Tilt		0.313	0.173	0.222	0.201	0.486	
	Right Cheek	50%RB	0.428	0.055	0.059	0.055	0.483	
	Right Tilt		0.674	0.091	0.079	0.069	0.765	
	Left Cheek	1RB	0.184	0.141	0.098	0.128	0.325	
	Left Tilt		0.259	0.173	0.222	0.201	0.432	
	Right Cheek	50%RB	0.376	0.055	0.059	0.055	0.431	
NR Band 12	Right Tilt		0.609	0.091	0.079	0.069	0.700	
	Left Cheek	1RB	0.173	0.141	0.098	0.128	0.314	
	Left Tilt		0.324	0.173	0.222	0.201	0.497	
	Right Cheek	50%RB	0.398	0.055	0.059	0.055	0.453	
	Right Tilt		0.570	0.091	0.079	0.069	0.661	
	Left Cheek	1RB	0.154	0.141	0.098	0.128	0.295	
	Left Tilt		0.299	0.173	0.222	0.201	0.472	
	Right Cheek	50%RB	0.396	0.055	0.059	0.055	0.451	
	Right Tilt		0.513	0.091	0.079	0.069	0.604	

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 2) SAR 1g(W/kg)			
NR Band38	Left Cheek	1RB	0.371	0.141	0.098	0.128	0.512	1.6
	Left Tilt		0.697	0.173	0.222	0.201	0.870	
	Right Cheek		0.627	0.055	0.059	0.055	0.682	
	Right Tilt		1.256	0.091	0.079	0.069	1.347	
	Left Cheek	50%RB	0.364	0.141	0.098	0.128	0.505	
	Left Tilt		0.689	0.173	0.222	0.201	0.862	
	Right Cheek		0.622	0.055	0.059	0.055	0.677	
	Right Tilt		1.207	0.091	0.079	0.069	1.298	
NR Band41	Left Cheek	1RB	0.334	0.141	0.098	0.128	0.475	
	Left Tilt		0.639	0.173	0.222	0.201	0.812	
	Right Cheek		0.866	0.055	0.059	0.055	0.921	
	Right Tilt		1.142	0.091	0.079	0.069	1.233	
	Left Cheek	50%RB	0.332	0.141	0.098	0.128	0.473	
	Left Tilt		0.634	0.173	0.222	0.201	0.807	
	Right Cheek		0.826	0.055	0.059	0.055	0.881	
	Right Tilt		1.079	0.091	0.079	0.069	1.170	
NR Band66	Left Cheek	1RB	0.184	0.141	0.098	0.128	0.325	
	Left Tilt		0.554	0.173	0.222	0.201	0.727	
	Right Cheek		0.434	0.055	0.059	0.055	0.489	
	Right Tilt		0.815	0.091	0.079	0.069	0.906	
	Left Cheek	50%RB	0.335	0.141	0.098	0.128	0.476	
	Left Tilt		0.511	0.173	0.222	0.201	0.684	
	Right Cheek		0.496	0.055	0.059	0.055	0.551	
	Right Tilt		0.651	0.091	0.079	0.069	0.742	
NR Band77	Left Cheek	1RB	0.588	0.141	0.098	0.128	0.729	
	Left Tilt		0.268	0.173	0.222	0.201	0.441	
	Right Cheek		0.061	0.055	0.059	0.055	0.116	
	Right Tilt		0.043	0.091	0.079	0.069	0.134	
	Left Cheek	50%RB	0.577	0.141	0.098	0.128	0.718	
	Left Tilt		0.262	0.173	0.222	0.201	0.435	
	Right Cheek		0.058	0.055	0.059	0.055	0.113	
	Right Tilt		0.040	0.091	0.079	0.069	0.131	
NR Band77	Left Cheek	1RB	0.429	0.141	0.098	0.128	0.570	
	Left Tilt		0.212	0.173	0.222	0.201	0.385	
	Right Cheek		0.085	0.055	0.059	0.055	0.140	
	Right Tilt		0.062	0.091	0.079	0.069	0.153	
	Left Cheek	50%RB	0.409	0.141	0.098	0.128	0.550	
	Left Tilt		0.197	0.173	0.222	0.201	0.370	
	Right Cheek		0.072	0.055	0.059	0.055	0.127	
	Right Tilt		0.043	0.091	0.079	0.069	0.134	
NR Band77	Left Cheek	1RB	0.350	0.141	0.098	0.128	0.491	
	Left Tilt		0.181	0.173	0.222	0.201	0.354	
	Right Cheek		0.071	0.055	0.059	0.055	0.126	
	Right Tilt		0.052	0.091	0.079	0.069	0.143	
	Left Cheek	50%RB	0.337	0.141	0.098	0.128	0.478	
	Left Tilt		0.165	0.173	0.222	0.201	0.338	
	Right Cheek		0.062	0.055	0.059	0.055	0.117	
	Right Tilt		0.040	0.091	0.079	0.069	0.131	
NR Band78	Left Cheek	1RB	0.577	0.141	0.098	0.128	0.718	
	Left Tilt		0.421	0.173	0.222	0.201	0.594	
	Right Cheek		0.115	0.055	0.059	0.055	0.170	
	Right Tilt		0.081	0.091	0.079	0.069	0.172	
	Left Cheek	50%RB	0.555	0.141	0.098	0.128	0.696	
	Left Tilt		0.372	0.173	0.222	0.201	0.545	
	Right Cheek		0.100	0.055	0.059	0.055	0.155	
	Right Tilt		0.075	0.091	0.079	0.069	0.166	

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 2) SAR 1g(W/kg)			
NR Band78	Left Cheek	1RB	0.424	0.141	0.098	0.128	0.565	1.6
	Left Tilt		0.231	0.173	0.222	0.201	0.404	
	Right Cheek		0.078	0.055	0.059	0.055	0.133	
	Right Tilt		0.057	0.091	0.079	0.069	0.148	
	Left Cheek	50%RB	0.394	0.141	0.098	0.128	0.535	
	Left Tilt		0.203	0.173	0.222	0.201	0.376	
	Right Cheek		0.066	0.055	0.059	0.055	0.121	
	Right Tilt		0.052	0.091	0.079	0.069	0.143	
NR Band78	Left Cheek	1RB	0.307	0.141	0.098	0.128	0.448	
	Left Tilt		0.226	0.173	0.222	0.201	0.399	
	Right Cheek		0.064	0.055	0.059	0.055	0.119	
	Right Tilt		0.055	0.091	0.079	0.069	0.146	
	Left Cheek	50%RB	0.278	0.141	0.098	0.128	0.419	
	Left Tilt		0.207	0.173	0.222	0.201	0.380	
	Right Cheek		0.056	0.055	0.059	0.055	0.111	
	Right Tilt		0.046	0.091	0.079	0.069	0.137	
2-n7	Left Cheek	1RB	0.115	0.141	0.098	0.128	0.256	
	Left Tilt		0.230	0.173	0.222	0.201	0.403	
	Right Cheek		0.176	0.055	0.059	0.055	0.231	
	Right Tilt		0.285	0.091	0.079	0.069	0.376	
	Left Cheek	50%RB	0.097	0.141	0.098	0.128	0.238	
	Left Tilt		0.195	0.173	0.222	0.201	0.368	
	Right Cheek		0.136	0.055	0.059	0.055	0.191	
	Right Tilt		0.256	0.091	0.079	0.069	0.347	
2-n66	Left Cheek	1RB	0.156	0.141	0.098	0.128	0.297	
	Left Tilt		0.359	0.173	0.222	0.201	0.532	
	Right Cheek		0.119	0.055	0.059	0.055	0.174	
	Right Tilt		0.307	0.091	0.079	0.069	0.398	
	Left Cheek	50%RB	0.133	0.141	0.098	0.128	0.274	
	Left Tilt		0.324	0.173	0.222	0.201	0.497	
	Right Cheek		0.101	0.055	0.059	0.055	0.156	
	Right Tilt		0.265	0.091	0.079	0.069	0.356	
2-n78	Left Cheek	1RB	0.670	0.141	0.098	0.128	0.811	
	Left Tilt		0.169	0.173	0.222	0.201	0.342	
	Right Cheek		0.809	0.055	0.059	0.055	0.864	
	Right Tilt		0.217	0.091	0.079	0.069	0.308	
	Left Cheek	50%RB	0.649	0.141	0.098	0.128	0.790	
	Left Tilt		0.141	0.173	0.222	0.201	0.314	
	Right Cheek		0.773	0.055	0.059	0.055	0.828	
	Right Tilt		0.207	0.091	0.079	0.069	0.298	
4-n7	Left Cheek	1RB	0.101	0.141	0.098	0.128	0.242	
	Left Tilt		0.225	0.173	0.222	0.201	0.398	
	Right Cheek		0.142	0.055	0.059	0.055	0.197	
	Right Tilt		0.316	0.091	0.079	0.069	0.407	
	Left Cheek	50%RB	0.092	0.141	0.098	0.128	0.233	
	Left Tilt		0.217	0.173	0.222	0.201	0.390	
	Right Cheek		0.121	0.055	0.059	0.055	0.176	
	Right Tilt		0.297	0.091	0.079	0.069	0.388	
4-n38	Left Cheek	1RB	0.509	0.141	0.098	0.128	0.650	
	Left Tilt		0.226	0.173	0.222	0.201	0.399	
	Right Cheek		0.636	0.055	0.059	0.055	0.691	
	Right Tilt		0.319	0.091	0.079	0.069	0.410	
	Left Cheek	50%RB	0.488	0.141	0.098	0.128	0.629	
	Left Tilt		0.217	0.173	0.222	0.201	0.390	
	Right Cheek		0.600	0.055	0.059	0.055	0.655	
	Right Tilt		0.303	0.091	0.079	0.069	0.394	

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 2) 1g(W/kg)			
4-n41	Left Cheek	1RB	0.549	0.141	0.098	0.128	0.690	1.6
	Left Tilt		0.252	0.173	0.222	0.201	0.425	
	Right Cheek		0.686	0.055	0.059	0.055	0.741	
	Right Tilt		0.415	0.091	0.079	0.069	0.506	
	Left Cheek	50%RB	0.535	0.141	0.098	0.128	0.676	
	Left Tilt		0.237	0.173	0.222	0.201	0.410	
	Right Cheek		0.659	0.055	0.059	0.055	0.714	
	Right Tilt		0.393	0.091	0.079	0.069	0.484	
4-n78	Left Cheek	1RB	0.529	0.141	0.098	0.128	0.670	
	Left Tilt		0.176	0.173	0.222	0.201	0.349	
	Right Cheek		0.650	0.055	0.059	0.055	0.705	
	Right Tilt		0.304	0.091	0.079	0.069	0.395	
	Left Cheek	50%RB	0.507	0.141	0.098	0.128	0.648	
	Left Tilt		0.169	0.173	0.222	0.201	0.342	
	Right Cheek		0.614	0.055	0.059	0.055	0.669	
	Right Tilt		0.282	0.091	0.079	0.069	0.373	
5-n7	Left Cheek	1RB	0.103	0.141	0.098	0.128	0.244	
	Left Tilt		0.164	0.173	0.222	0.201	0.337	
	Right Cheek		0.226	0.055	0.059	0.055	0.281	
	Right Tilt		0.325	0.091	0.079	0.069	0.416	
	Left Cheek	50%RB	0.091	0.141	0.098	0.128	0.232	
	Left Tilt		0.147	0.173	0.222	0.201	0.320	
	Right Cheek		0.214	0.055	0.059	0.055	0.269	
	Right Tilt		0.296	0.091	0.079	0.069	0.387	
5-n38	Left Cheek	1RB	0.330	0.141	0.098	0.128	0.471	
	Left Tilt		0.320	0.173	0.222	0.201	0.493	
	Right Cheek		0.246	0.055	0.059	0.055	0.301	
	Right Tilt		0.194	0.091	0.079	0.069	0.285	
	Left Cheek	50%RB	0.314	0.141	0.098	0.128	0.455	
	Left Tilt		0.288	0.173	0.222	0.201	0.461	
	Right Cheek		0.225	0.055	0.059	0.055	0.280	
	Right Tilt		0.181	0.091	0.079	0.069	0.272	
5-n41	Left Cheek	1RB	0.285	0.141	0.098	0.128	0.426	
	Left Tilt		0.211	0.173	0.222	0.201	0.384	
	Right Cheek		0.176	0.055	0.059	0.055	0.231	
	Right Tilt		0.125	0.091	0.079	0.069	0.216	
	Left Cheek	50%RB	0.207	0.141	0.098	0.128	0.348	
	Left Tilt		0.165	0.173	0.222	0.201	0.338	
	Right Cheek		0.124	0.055	0.059	0.055	0.179	
	Right Tilt		0.083	0.091	0.079	0.069	0.174	
5-n66	Left Cheek	1RB	0.146	0.141	0.098	0.128	0.287	
	Left Tilt		0.286	0.173	0.222	0.201	0.459	
	Right Cheek		0.194	0.055	0.059	0.055	0.249	
	Right Tilt		0.357	0.091	0.079	0.069	0.448	
	Left Cheek	50%RB	0.139	0.141	0.098	0.128	0.280	
	Left Tilt		0.254	0.173	0.222	0.201	0.427	
	Right Cheek		0.182	0.055	0.059	0.055	0.237	
	Right Tilt		0.341	0.091	0.079	0.069	0.432	
5-n77	Left Cheek	1RB	0.262	0.141	0.098	0.128	0.403	
	Left Tilt		0.223	0.173	0.222	0.201	0.396	
	Right Cheek		0.161	0.055	0.059	0.055	0.216	
	Right Tilt		0.110	0.091	0.079	0.069	0.201	
	Left Cheek	50%RB	0.244	0.141	0.098	0.128	0.385	
	Left Tilt		0.192	0.173	0.222	0.201	0.365	
	Right Cheek		0.139	0.055	0.059	0.055	0.194	
	Right Tilt		0.100	0.091	0.079	0.069	0.191	

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 2) 1g(W/kg)			
5-n78	Left Cheek	1RB	0.044	0.141	0.098	0.128	0.185	1.6
	Left Tilt		0.053	0.173	0.222	0.201	0.226	
	Right Cheek		0.080	0.055	0.059	0.055	0.135	
	Right Tilt		0.109	0.091	0.079	0.069	0.200	
	Left Cheek	50%RB	0.033	0.141	0.098	0.128	0.174	
	Left Tilt		0.048	0.173	0.222	0.201	0.221	
	Right Cheek		0.073	0.055	0.059	0.055	0.128	
	Right Tilt		0.098	0.091	0.079	0.069	0.189	
7-n7	Left Cheek	1RB	0.423	0.141	0.098	0.128	0.564	
	Left Tilt		0.619	0.173	0.222	0.201	0.792	
	Right Cheek		0.600	0.055	0.059	0.055	0.655	
	Right Tilt		0.836	0.091	0.079	0.069	0.927	
	Left Cheek	50%RB	0.374	0.141	0.098	0.128	0.515	
	Left Tilt		0.636	0.173	0.222	0.201	0.809	
	Right Cheek		0.455	0.055	0.059	0.055	0.510	
	Right Tilt		0.840	0.091	0.079	0.069	0.931	
7-n66	Left Cheek	1RB	0.170	0.141	0.098	0.128	0.311	
	Left Tilt		0.296	0.173	0.222	0.201	0.469	
	Right Cheek		0.250	0.055	0.059	0.055	0.305	
	Right Tilt		0.421	0.091	0.079	0.069	0.512	
	Left Cheek	50%RB	0.151	0.141	0.098	0.128	0.292	
	Left Tilt		0.263	0.173	0.222	0.201	0.436	
	Right Cheek		0.224	0.055	0.059	0.055	0.279	
	Right Tilt		0.350	0.091	0.079	0.069	0.441	
7-n77	Left Cheek	1RB	0.910	0.141	0.098	0.128	1.051	
	Left Tilt		0.232	0.173	0.222	0.201	0.405	
	Right Cheek		0.955	0.055	0.059	0.055	1.010	
	Right Tilt		0.285	0.091	0.079	0.069	0.376	
	Left Cheek	50%RB	0.874	0.141	0.098	0.128	1.015	
	Left Tilt		0.225	0.173	0.222	0.201	0.398	
	Right Cheek		0.908	0.055	0.059	0.055	0.963	
	Right Tilt		0.262	0.091	0.079	0.069	0.353	
7-n78	Left Cheek	1RB	1.102	0.141	0.098	0.128	1.243	
	Left Tilt		0.215	0.173	0.222	0.201	0.388	
	Right Cheek		0.825	0.055	0.059	0.055	0.880	
	Right Tilt		0.156	0.091	0.079	0.069	0.247	
	Left Cheek	50%RB	1.012	0.141	0.098	0.128	1.153	
	Left Tilt		0.159	0.173	0.222	0.201	0.332	
	Right Cheek		0.724	0.055	0.059	0.055	0.779	
	Right Tilt		0.119	0.091	0.079	0.069	0.210	
38-n78	Left Cheek	1RB	0.149	0.141	0.098	0.128	0.290	
	Left Tilt		0.039	0.173	0.222	0.201	0.212	
	Right Cheek		0.198	0.055	0.059	0.055	0.253	
	Right Tilt		0.052	0.091	0.079	0.069	0.143	
	Left Cheek	50%RB	0.111	0.141	0.098	0.128	0.252	
	Left Tilt		0.026	0.173	0.222	0.201	0.199	
	Right Cheek		0.138	0.055	0.059	0.055	0.193	
	Right Tilt		0.034	0.091	0.079	0.069	0.125	
41-n41	Left Cheek	1RB	0.016	0.141	0.098	0.128	0.157	
	Left Tilt		0.027	0.173	0.222	0.201	0.200	
	Right Cheek		0.103	0.055	0.059	0.055	0.158	
	Right Tilt		0.042	0.091	0.079	0.069	0.133	
	Left Cheek	50%RB	0.013	0.141	0.098	0.128	0.154	
	Left Tilt		0.022	0.173	0.222	0.201	0.195	
	Right Cheek		0.086	0.055	0.059	0.055	0.141	
	Right Tilt		0.032	0.091	0.079	0.069	0.123	

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 2) 1g(W/kg)			
41-n77	Left Cheek	1RB	0.018	0.141	0.098	0.128	0.159	1.6
	Left Tilt		0.031	0.173	0.222	0.201	0.204	
	Right Cheek		0.148	0.055	0.059	0.055	0.203	
	Right Tilt		0.054	0.091	0.079	0.069	0.145	
	Left Cheek	50%RB	0.015	0.141	0.098	0.128	0.156	
	Left Tilt		0.024	0.173	0.222	0.201	0.197	
	Right Cheek		0.102	0.055	0.059	0.055	0.157	
	Right Tilt		0.039	0.091	0.079	0.069	0.130	
41-n78	Left Cheek	1RB	0.145	0.141	0.098	0.128	0.286	
	Left Tilt		0.038	0.173	0.222	0.201	0.211	
	Right Cheek		0.163	0.055	0.059	0.055	0.218	
	Right Tilt		0.046	0.091	0.079	0.069	0.137	
	Left Cheek	50%RB	0.102	0.141	0.098	0.128	0.243	
	Left Tilt		0.027	0.173	0.222	0.201	0.200	
	Right Cheek		0.116	0.055	0.059	0.055	0.171	
	Right Tilt		0.034	0.091	0.079	0.069	0.125	
66-n7	Left Cheek	1RB	0.707	0.141	0.098	0.128	0.848	
	Left Tilt		1.009	0.173	0.222	0.201	1.182	
	Right Cheek		0.610	0.055	0.059	0.055	0.665	
	Right Tilt		0.663	0.091	0.079	0.069	0.754	
	Left Cheek	50%RB	0.429	0.141	0.098	0.128	0.570	
	Left Tilt		0.647	0.173	0.222	0.201	0.820	
	Right Cheek		0.381	0.055	0.059	0.055	0.436	
	Right Tilt		0.424	0.091	0.079	0.069	0.515	
66-n38	Left Cheek	1RB	0.526	0.141	0.098	0.128	0.667	
	Left Tilt		0.207	0.173	0.222	0.201	0.380	
	Right Cheek		0.764	0.055	0.059	0.055	0.819	
	Right Tilt		0.222	0.091	0.079	0.069	0.313	
	Left Cheek	50%RB	0.373	0.141	0.098	0.128	0.514	
	Left Tilt		0.165	0.173	0.222	0.201	0.338	
	Right Cheek		0.462	0.055	0.059	0.055	0.517	
	Right Tilt		0.285	0.091	0.079	0.069	0.376	
66-n41	Left Cheek	1RB	0.524	0.141	0.098	0.128	0.665	
	Left Tilt		0.207	0.173	0.222	0.201	0.380	
	Right Cheek		0.795	0.055	0.059	0.055	0.850	
	Right Tilt		0.265	0.091	0.079	0.069	0.356	
	Left Cheek	50%RB	0.406	0.141	0.098	0.128	0.547	
	Left Tilt		0.159	0.173	0.222	0.201	0.332	
	Right Cheek		0.630	0.055	0.059	0.055	0.685	
	Right Tilt		0.210	0.091	0.079	0.069	0.301	
66-n66	Left Cheek	1RB	0.456	0.141	0.098	0.128	0.597	
	Left Tilt		0.139	0.173	0.222	0.201	0.312	
	Right Cheek		0.753	0.055	0.059	0.055	0.808	
	Right Tilt		0.181	0.091	0.079	0.069	0.272	
	Left Cheek	50%RB	0.273	0.141	0.098	0.128	0.414	
	Left Tilt		0.092	0.173	0.222	0.201	0.265	
	Right Cheek		0.456	0.055	0.059	0.055	0.511	
	Right Tilt		0.163	0.091	0.079	0.069	0.254	
66-n77	Left Cheek	1RB	0.526	0.141	0.098	0.128	0.667	
	Left Tilt		0.155	0.173	0.222	0.201	0.328	
	Right Cheek		0.780	0.055	0.059	0.055	0.835	
	Right Tilt		0.219	0.091	0.079	0.069	0.310	
	Left Cheek	50%RB	0.405	0.141	0.098	0.128	0.546	
	Left Tilt		0.106	0.173	0.222	0.201	0.279	
	Right Cheek		0.531	0.055	0.059	0.055	0.586	
	Right Tilt		0.212	0.091	0.079	0.069	0.303	
66-n78	Left Cheek	1RB	0.769	0.141	0.098	0.128	0.910	
	Left Tilt		0.158	0.173	0.222	0.201	0.331	
	Right Cheek		0.391	0.055	0.059	0.055	0.446	
	Right Tilt		0.217	0.091	0.079	0.069	0.308	
	Left Cheek	50%RB	0.539	0.141	0.098	0.128	0.680	
	Left Tilt		0.106	0.173	0.222	0.201	0.279	
	Right Cheek		0.309	0.055	0.059	0.055	0.364	
	Right Tilt		0.170	0.091	0.079	0.069	0.261	

Hotspot(body-worn10mm)

Band	Test Position	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
GSM850 (GPRS 4slots)	Front	0.548	0.010	0.019	0.040	0.558	1.6
	Back	0.701	0.018	0.038	0.046	0.719	
	Left	0.627	0.002	0.013	0.012	0.629	
	Right	0.432	0.011	0.011	0.030	0.443	
	Top	0.580	0.013	0.022	0.021	0.593	
	Bottom	0.029	0.002	0.003	0.003	0.031	
GSM1900 (GPRS 4slots)	Front	0.226	0.010	0.019	0.040	0.236	
	Back	0.447	0.018	0.038	0.046	0.465	
	Left	0.332	0.002	0.013	0.012	0.334	
	Right	0.118	0.011	0.011	0.030	0.129	
	Top	0.378	0.013	0.022	0.021	0.391	
	Bottom	0.012	0.002	0.003	0.003	0.014	
WCDMA Band 2	Front	0.046	0.010	0.019	0.040	0.056	
	Back	0.147	0.018	0.038	0.046	0.165	
	Left	0.095	0.002	0.013	0.012	0.097	
	Right	0.031	0.011	0.011	0.030	0.042	
	Top	0.129	0.013	0.022	0.021	0.142	
	Bottom	0.002	0.002	0.003	0.003	0.004	
WCDMA Band 4	Front	0.090	0.010	0.019	0.040	0.100	
	Back	0.125	0.018	0.038	0.046	0.143	
	Left	0.072	0.002	0.013	0.012	0.074	
	Right	0.019	0.011	0.011	0.030	0.030	
	Top	0.104	0.013	0.022	0.021	0.117	
	Bottom	0.002	0.002	0.003	0.003	0.004	
WCDMA Band 5	Front	0.059	0.010	0.019	0.040	0.069	
	Back	0.084	0.018	0.038	0.046	0.102	
	Left	0.049	0.002	0.013	0.012	0.051	
	Right	0.004	0.011	0.011	0.030	0.015	
	Top	0.042	0.013	0.022	0.021	0.055	
	Bottom	0.002	0.002	0.003	0.003	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 2	Front	1RB	0.086	0.010	0.019	0.040	0.096	1.6
	Back		0.126	0.018	0.038	0.046	0.144	
	Left		0.074	0.002	0.013	0.012	0.076	
	Right		0.044	0.011	0.011	0.030	0.055	
	Top		0.066	0.013	0.022	0.021	0.079	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.080	0.010	0.019	0.040	0.090	
	Back		0.122	0.018	0.038	0.046	0.140	
	Left		0.065	0.002	0.013	0.012	0.067	
	Right		0.037	0.011	0.011	0.030	0.048	
	Top		0.054	0.013	0.022	0.021	0.067	
LTE Band 4	Bottom	1RB	0.021	0.002	0.003	0.003	0.023	
	Front		0.070	0.010	0.019	0.040	0.080	
	Back		0.100	0.018	0.038	0.046	0.118	
	Left		0.059	0.002	0.013	0.012	0.061	
	Right		0.023	0.011	0.011	0.030	0.034	
	Top	50%RB	0.055	0.013	0.022	0.021	0.068	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front		0.063	0.010	0.019	0.040	0.073	
	Back		0.092	0.018	0.038	0.046	0.110	
	Left		0.049	0.002	0.013	0.012	0.051	
LTE Band 5	Right	1RB	0.019	0.011	0.011	0.030	0.030	
	Top		0.043	0.013	0.022	0.021	0.056	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.063	0.010	0.019	0.040	0.073	
	Back		0.083	0.018	0.038	0.046	0.101	
	Left		0.045	0.002	0.013	0.012	0.047	
	Right		0.010	0.011	0.011	0.030	0.021	
	Top		0.042	0.013	0.022	0.021	0.055	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	1RB	0.057	0.010	0.019	0.040	0.067	
LTE Band 7	Back		0.077	0.018	0.038	0.046	0.095	
	Left	50%RB	0.040	0.002	0.013	0.012	0.042	
	Right		0.007	0.011	0.011	0.030	0.018	
	Top		0.034	0.013	0.022	0.021	0.047	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	1RB	0.108	0.010	0.019	0.040	0.118	
	Back		0.159	0.018	0.038	0.046	0.177	
	Left		0.092	0.002	0.013	0.012	0.094	
	Right		0.021	0.011	0.011	0.030	0.032	
	Top		0.151	0.013	0.022	0.021	0.164	
LTE Band 12	Bottom	50%RB	0.003	0.002	0.003	0.003	0.005	
	Front		0.100	0.010	0.019	0.040	0.110	
	Back		0.153	0.018	0.038	0.046	0.171	
	Left		0.083	0.002	0.013	0.012	0.085	
	Right		0.016	0.011	0.011	0.030	0.027	
	Top	1RB	0.141	0.013	0.022	0.021	0.154	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front		0.062	0.010	0.019	0.040	0.072	
	Back		0.075	0.018	0.038	0.046	0.093	
	Left		0.044	0.002	0.013	0.012	0.046	
LTE Band 12	Right	50%RB	0.006	0.011	0.011	0.030	0.017	
	Top		0.039	0.013	0.022	0.021	0.052	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front		0.056	0.010	0.019	0.040	0.066	
	Back		0.066	0.018	0.038	0.046	0.084	
	Left	1RB	0.041	0.002	0.013	0.012	0.043	
	Right		0.004	0.011	0.011	0.030	0.015	
	Top		0.036	0.013	0.022	0.021	0.049	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front		0.062	0.010	0.019	0.040	0.072	

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 13	Front	1RB	0.060	0.010	0.019	0.040	0.070	1.6
	Back		0.083	0.018	0.038	0.046	0.101	
	Left		0.054	0.002	0.013	0.012	0.056	
	Right		0.011	0.011	0.011	0.030	0.022	
	Top		0.050	0.013	0.022	0.021	0.063	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.054	0.010	0.019	0.040	0.064	
	Back		0.078	0.018	0.038	0.046	0.096	
	Left		0.049	0.002	0.013	0.012	0.051	
	Right		0.008	0.011	0.011	0.030	0.019	
	Top		0.047	0.013	0.022	0.021	0.060	
	Bottom		0.002	0.002	0.003	0.003	0.004	
LTE Band 17	Front	1RB	0.051	0.010	0.019	0.040	0.061	
	Back		0.079	0.018	0.038	0.046	0.097	
	Left		0.043	0.002	0.013	0.012	0.045	
	Right		0.006	0.011	0.011	0.030	0.017	
	Top		0.059	0.013	0.022	0.021	0.072	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.045	0.010	0.019	0.040	0.055	
	Back		0.072	0.018	0.038	0.046	0.090	
	Left		0.038	0.002	0.013	0.012	0.040	
	Right		0.003	0.011	0.011	0.030	0.014	
	Top		0.048	0.013	0.022	0.021	0.061	
	Bottom		0.002	0.002	0.003	0.003	0.004	
LTE Band 38	Front	1RB	0.162	0.010	0.019	0.040	0.172	
	Back		0.241	0.018	0.038	0.046	0.259	
	Left		0.147	0.002	0.013	0.012	0.149	
	Right		0.042	0.011	0.011	0.030	0.053	
	Top		0.134	0.013	0.022	0.021	0.147	
	Bottom		0.003	0.002	0.003	0.003	0.005	
	Front	50%RB	0.149	0.010	0.019	0.040	0.159	
	Back		0.204	0.018	0.038	0.046	0.222	
	Left		0.127	0.002	0.013	0.012	0.129	
	Right		0.032	0.011	0.011	0.030	0.043	
	Top		0.108	0.013	0.022	0.021	0.121	
	Bottom		0.002	0.002	0.003	0.003	0.004	
LTE Band 41	Front	1RB	0.172	0.010	0.019	0.040	0.182	
	Back		0.155	0.018	0.038	0.046	0.173	
	Left		0.110	0.002	0.013	0.012	0.112	
	Right		0.089	0.011	0.011	0.030	0.100	
	Top		0.060	0.013	0.022	0.021	0.073	
	Bottom		0.083	0.002	0.003	0.003	0.085	
	Front	50%RB	0.076	0.010	0.019	0.040	0.086	
	Back		0.113	0.018	0.038	0.046	0.131	
	Left		0.070	0.002	0.013	0.012	0.072	
	Right		0.012	0.011	0.011	0.030	0.023	
	Top		0.099	0.013	0.022	0.021	0.112	
	Bottom		0.002	0.002	0.003	0.003	0.004	
LTE Band 42	Front	1RB	0.559	0.010	0.019	0.040	0.569	
	Back		0.917	0.018	0.038	0.046	0.935	
	Left		0.220	0.002	0.013	0.012	0.222	
	Right		0.791	0.011	0.011	0.030	0.802	
	Top		0.636	0.013	0.022	0.021	0.649	
	Bottom		0.044	0.002	0.003	0.003	0.046	
	Front	50%RB	0.491	0.010	0.019	0.040	0.501	
	Back		0.830	0.018	0.038	0.046	0.848	
	Left		0.189	0.002	0.013	0.012	0.191	
	Right		0.704	0.011	0.011	0.030	0.715	
	Top		0.560	0.013	0.022	0.021	0.573	
	Bottom		0.032	0.002	0.003	0.003	0.034	

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	0.097	0.010	0.019	0.040	0.107	1.6
	Back		0.134	0.018	0.038	0.046	0.152	
	Left		0.079	0.002	0.013	0.012	0.081	
	Right		0.027	0.011	0.011	0.030	0.038	
	Top		0.121	0.013	0.022	0.021	0.134	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.045	0.010	0.019	0.040	0.055	
	Back		0.129	0.018	0.038	0.046	0.147	
	Left		0.077	0.002	0.013	0.012	0.079	
	Right		0.018	0.011	0.011	0.030	0.029	
	Top		0.053	0.013	0.022	0.021	0.066	
	Bottom		0.002	0.002	0.003	0.003	0.004	
N5	Front	1RB	0.058	0.010	0.019	0.040	0.068	
	Back		0.091	0.018	0.038	0.046	0.109	
	Left		0.052	0.002	0.013	0.012	0.054	
	Right		0.011	0.011	0.011	0.030	0.022	
	Top		0.077	0.013	0.022	0.021	0.090	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.052	0.010	0.019	0.040	0.062	
	Back		0.086	0.018	0.038	0.046	0.104	
	Left		0.046	0.002	0.013	0.012	0.048	
	Right		0.008	0.011	0.011	0.030	0.019	
	Top		0.070	0.013	0.022	0.021	0.083	
	Bottom		0.002	0.002	0.003	0.003	0.004	
N7	Front	1RB	0.147	0.010	0.019	0.040	0.157	
	Back		0.193	0.018	0.038	0.046	0.211	
	Left		0.124	0.002	0.013	0.012	0.126	
	Right		0.041	0.011	0.011	0.030	0.052	
	Top		0.151	0.013	0.022	0.021	0.164	
	Bottom		0.010	0.002	0.003	0.003	0.012	
	Front	50%RB	0.114	0.010	0.019	0.040	0.124	
	Back		0.177	0.018	0.038	0.046	0.195	
	Left		0.108	0.002	0.013	0.012	0.110	
	Right		0.031	0.011	0.011	0.030	0.042	
	Top		0.144	0.013	0.022	0.021	0.157	
	Bottom		0.007	0.002	0.003	0.003	0.009	
N12	Front	1RB	0.043	0.010	0.019	0.040	0.053	
	Back		0.067	0.018	0.038	0.046	0.085	
	Left		0.056	0.002	0.013	0.012	0.058	
	Right		0.011	0.011	0.011	0.030	0.022	
	Top		0.051	0.013	0.022	0.021	0.064	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.035	0.010	0.019	0.040	0.045	
	Back		0.061	0.018	0.038	0.046	0.079	
	Left		0.050	0.002	0.013	0.012	0.052	
	Right		0.007	0.011	0.011	0.030	0.018	
	Top		0.044	0.013	0.022	0.021	0.057	
	Bottom		0.002	0.002	0.003	0.003	0.004	
N38	Front	1RB	0.262	0.010	0.019	0.040	0.272	
	Back		0.358	0.018	0.038	0.046	0.376	
	Left		0.205	0.002	0.013	0.012	0.207	
	Right		0.065	0.011	0.011	0.030	0.076	
	Top		0.160	0.013	0.022	0.021	0.173	
	Bottom		0.015	0.002	0.003	0.003	0.017	
	Front	50%RB	0.233	0.010	0.019	0.040	0.243	
	Back		0.316	0.018	0.038	0.046	0.334	
	Left		0.168	0.002	0.013	0.012	0.170	
	Right		0.059	0.011	0.011	0.030	0.070	
	Top		0.246	0.013	0.022	0.021	0.259	
	Bottom		0.011	0.002	0.003	0.003	0.013	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
N41	Front	1RB	0.216	0.010	0.019	0.040	0.226	1.6
	Back		0.336	0.018	0.038	0.046	0.354	
	Left		0.149	0.002	0.013	0.012	0.151	
	Right		0.051	0.011	0.011	0.030	0.062	
	Top		0.263	0.013	0.022	0.021	0.276	
	Bottom		0.010	0.002	0.003	0.003	0.012	
	Front	50%RB	0.187	0.010	0.019	0.040	0.197	
	Back		0.294	0.018	0.038	0.046	0.312	
	Left		0.131	0.002	0.013	0.012	0.133	
	Right		0.042	0.011	0.011	0.030	0.053	
	Top		0.223	0.013	0.022	0.021	0.236	
	Bottom		0.008	0.002	0.003	0.003	0.010	
N66	Front	1RB	0.040	0.010	0.019	0.040	0.050	
	Back		0.139	0.018	0.038	0.046	0.157	
	Left		0.066	0.002	0.013	0.012	0.068	
	Right		0.018	0.011	0.011	0.030	0.029	
	Top		0.075	0.013	0.022	0.021	0.088	
	Bottom		0.003	0.002	0.003	0.003	0.005	
	Front	50%RB	0.071	0.010	0.019	0.040	0.081	
	Back		0.127	0.018	0.038	0.046	0.145	
	Left		0.061	0.002	0.013	0.012	0.063	
	Right		0.013	0.011	0.011	0.030	0.024	
	Top		0.066	0.013	0.022	0.021	0.079	
	Bottom		0.002	0.002	0.003	0.003	0.004	
N77	Front	1RB	0.388	0.010	0.019	0.040	0.398	
	Back		0.625	0.018	0.038	0.046	0.643	
	Left		0.086	0.002	0.013	0.012	0.088	
	Right		0.251	0.011	0.011	0.030	0.262	
	Top		0.179	0.013	0.022	0.021	0.192	
	Bottom		0.012	0.002	0.003	0.003	0.014	
	Front	50%RB	0.376	0.010	0.019	0.040	0.386	
	Back		0.619	0.018	0.038	0.046	0.637	
	Left		0.084	0.002	0.013	0.012	0.086	
	Right		0.240	0.011	0.011	0.030	0.251	
	Top		0.176	0.013	0.022	0.021	0.189	
	Bottom		0.010	0.002	0.003	0.003	0.012	
N77	Front	1RB	0.267	0.010	0.019	0.040	0.277	
	Back		0.389	0.018	0.038	0.046	0.407	
	Left		0.067	0.002	0.013	0.012	0.069	
	Right		0.243	0.011	0.011	0.030	0.254	
	Top		0.182	0.013	0.022	0.021	0.195	
	Bottom		0.008	0.002	0.003	0.003	0.010	
	Front	50%RB	0.236	0.010	0.019	0.040	0.246	
	Back		0.367	0.018	0.038	0.046	0.385	
	Left		0.054	0.002	0.013	0.012	0.056	
	Right		0.220	0.011	0.011	0.030	0.231	
	Top		0.163	0.013	0.022	0.021	0.176	
	Bottom		0.004	0.002	0.003	0.003	0.006	
N77	Front	1RB	0.243	0.010	0.019	0.040	0.253	
	Back		0.378	0.018	0.038	0.046	0.396	
	Left		0.056	0.002	0.013	0.012	0.058	
	Right		0.223	0.011	0.011	0.030	0.234	
	Top		0.157	0.013	0.022	0.021	0.170	
	Bottom		0.008	0.002	0.003	0.003	0.010	
	Front	50%RB	0.217	0.010	0.019	0.040	0.227	
	Back		0.354	0.018	0.038	0.046	0.372	
	Left		0.050	0.002	0.013	0.012	0.052	
	Right		0.210	0.011	0.011	0.030	0.221	
	Top		0.147	0.013	0.022	0.021	0.160	
	Bottom		0.004	0.002	0.003	0.003	0.006	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
N78	Front	1RB	0.313	0.010	0.019	0.040	0.323	1.6
	Back		0.517	0.018	0.038	0.046	0.535	
	Left		0.114	0.002	0.013	0.012	0.116	
	Right		0.374	0.011	0.011	0.030	0.385	
	Top		0.259	0.013	0.022	0.021	0.272	
	Bottom		0.018	0.002	0.003	0.003	0.020	
	Front	50%RB	0.284	0.010	0.019	0.040	0.294	
	Back		0.492	0.018	0.038	0.046	0.510	
	Left		0.099	0.002	0.013	0.012	0.101	
	Right		0.347	0.011	0.011	0.030	0.358	
	Top		0.239	0.013	0.022	0.021	0.252	
N78	Bottom	1RB	0.016	0.002	0.003	0.003	0.018	
	Front		0.219	0.010	0.019	0.040	0.229	
	Back		0.376	0.018	0.038	0.046	0.394	
	Left		0.081	0.002	0.013	0.012	0.083	
	Right		0.252	0.011	0.011	0.030	0.263	
	Top		0.204	0.013	0.022	0.021	0.217	
	Bottom		0.013	0.002	0.003	0.003	0.015	
	Front	50%RB	0.184	0.010	0.019	0.040	0.194	
	Back		0.345	0.018	0.038	0.046	0.363	
	Left		0.060	0.002	0.013	0.012	0.062	
	Right		0.230	0.011	0.011	0.030	0.241	
	Top		0.184	0.013	0.022	0.021	0.197	
N78	Bottom	1RB	0.007	0.002	0.003	0.003	0.009	
	Front		0.200	0.010	0.019	0.040	0.210	
	Back		0.322	0.018	0.038	0.046	0.340	
	Left		0.059	0.002	0.013	0.012	0.061	
	Right		0.227	0.011	0.011	0.030	0.238	
	Top		0.188	0.013	0.022	0.021	0.201	
	Bottom		0.007	0.002	0.003	0.003	0.009	
	Front	50%RB	0.183	0.010	0.019	0.040	0.193	
	Back		0.289	0.018	0.038	0.046	0.307	
	Left		0.051	0.002	0.013	0.012	0.053	
	Right		0.198	0.011	0.011	0.030	0.209	
	Top		0.169	0.013	0.022	0.021	0.182	
2-n7	Bottom	1RB	0.003	0.002	0.003	0.003	0.005	
	Front		0.106	0.010	0.019	0.040	0.116	
	Back		0.136	0.018	0.038	0.046	0.154	
	Left		0.057	0.002	0.013	0.012	0.059	
	Right		0.004	0.011	0.011	0.030	0.015	
	Top		0.050	0.013	0.022	0.021	0.063	
	Bottom		0.003	0.002	0.003	0.003	0.005	
	Front	50%RB	0.083	0.010	0.019	0.040	0.093	
	Back		0.112	0.018	0.038	0.046	0.130	
	Left		0.058	0.002	0.013	0.012	0.060	
	Right		0.003	0.011	0.011	0.030	0.014	
	Top		0.039	0.013	0.022	0.021	0.052	
2-n66	Bottom	1RB	0.002	0.002	0.003	0.003	0.004	
	Front		0.140	0.010	0.019	0.040	0.150	
	Back		0.178	0.018	0.038	0.046	0.196	
	Left		0.098	0.002	0.013	0.012	0.100	
	Right		0.014	0.011	0.011	0.030	0.025	
	Top		0.084	0.013	0.022	0.021	0.097	
	Bottom		0.008	0.002	0.003	0.003	0.010	
	Front	50%RB	0.093	0.010	0.019	0.040	0.103	
	Back		0.124	0.018	0.038	0.046	0.142	
	Left		0.079	0.002	0.013	0.012	0.081	
	Right		0.007	0.011	0.011	0.030	0.018	
	Top		0.056	0.013	0.022	0.021	0.069	
2-n66	Bottom	1RB	0.004	0.002	0.003	0.003	0.006	
	Front		0.140	0.010	0.019	0.040	0.150	
	Back		0.178	0.018	0.038	0.046	0.196	
	Left		0.098	0.002	0.013	0.012	0.100	
	Right		0.014	0.011	0.011	0.030	0.025	
	Top		0.084	0.013	0.022	0.021	0.097	
	Bottom		0.008	0.002	0.003	0.003	0.010	
	Front	50%RB	0.093	0.010	0.019	0.040	0.103	
	Back		0.124	0.018	0.038	0.046	0.142	
	Left		0.079	0.002	0.013	0.012	0.081	
	Right		0.007	0.011	0.011	0.030	0.018	
	Top		0.056	0.013	0.022	0.021	0.069	
2-n66	Bottom	1RB	0.004	0.002	0.003	0.003	0.006	
	Front		0.140	0.010	0.019	0.040	0.150	
	Back		0.178	0.018	0.038	0.046	0.196	
	Left		0.098	0.002	0.013	0.012	0.100	
	Right		0.014	0.011	0.011	0.030	0.025	
	Top		0.084	0.013	0.022	0.021	0.097	
	Bottom		0.008	0.002	0.003	0.003	0.010	
	Front	50%RB	0.093	0.010	0.019	0.040	0.103	
	Back		0.124	0.018	0.038	0.046	0.142	
	Left		0.079	0.002	0.013	0.012	0.081	
	Right		0.007	0.011	0.011	0.030	0.018	
	Top		0.056	0.013	0.022	0.021	0.069	

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 1) 1g(W/kg)			
2-n78	Front	1RB	0.166	0.010	0.019	0.040	0.176	1.6
	Back		0.316	0.018	0.038	0.046	0.334	
	Left		0.118	0.002	0.013	0.012	0.120	
	Right		0.029	0.011	0.011	0.030	0.040	
	Top		0.099	0.013	0.022	0.021	0.112	
	Bottom		0.017	0.002	0.003	0.003	0.019	
	Front	50%RB	0.157	0.010	0.019	0.040	0.167	
	Back		0.290	0.018	0.038	0.046	0.308	
	Left		0.096	0.002	0.013	0.012	0.098	
	Right		0.018	0.011	0.011	0.030	0.029	
	Top		0.083	0.013	0.022	0.021	0.096	
4-n7	Bottom		0.003	0.002	0.003	0.003	0.005	
	Front	1RB	0.102	0.010	0.019	0.040	0.112	
	Back		0.154	0.018	0.038	0.046	0.172	
	Left		0.079	0.002	0.013	0.012	0.081	
	Right		0.004	0.011	0.011	0.030	0.015	
	Top		0.052	0.013	0.022	0.021	0.065	
	Bottom		0.003	0.002	0.003	0.003	0.005	
	Front	50%RB	0.083	0.010	0.019	0.040	0.093	
	Back		0.132	0.018	0.038	0.046	0.150	
	Left		0.062	0.002	0.013	0.012	0.064	
	Right		0.003	0.011	0.011	0.030	0.014	
4-n38	Top		0.043	0.013	0.022	0.021	0.056	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	1RB	0.195	0.010	0.019	0.040	0.205	
	Back		0.285	0.018	0.038	0.046	0.303	
	Left		0.111	0.002	0.013	0.012	0.113	
	Right		0.023	0.011	0.011	0.030	0.034	
	Top		0.071	0.013	0.022	0.021	0.084	
	Bottom		0.013	0.002	0.003	0.003	0.015	
	Front	50%RB	0.183	0.010	0.019	0.040	0.193	
	Back		0.271	0.018	0.038	0.046	0.289	
4-n41	Left		0.104	0.002	0.013	0.012	0.106	
	Right		0.011	0.011	0.011	0.030	0.022	
	Top		0.080	0.013	0.022	0.021	0.093	
	Bottom		0.006	0.002	0.003	0.003	0.008	
	Front	1RB	0.214	0.010	0.019	0.040	0.224	
	Back		0.296	0.018	0.038	0.046	0.314	
	Left		0.150	0.002	0.013	0.012	0.152	
	Right		0.036	0.011	0.011	0.030	0.047	
	Top		0.107	0.013	0.022	0.021	0.120	
	Bottom		0.013	0.002	0.003	0.003	0.015	
4-n78	Front	50%RB	0.198	0.010	0.019	0.040	0.208	
	Back		0.278	0.018	0.038	0.046	0.296	
	Left		0.133	0.002	0.013	0.012	0.135	
	Right		0.016	0.011	0.011	0.030	0.027	
	Top		0.087	0.013	0.022	0.021	0.100	
	Bottom		0.007	0.002	0.003	0.003	0.009	
	Front	1RB	0.203	0.010	0.019	0.040	0.213	
	Back		0.304	0.018	0.038	0.046	0.322	
	Left		0.128	0.002	0.013	0.012	0.130	
	Right		0.026	0.011	0.011	0.030	0.037	
	Top		0.086	0.013	0.022	0.021	0.099	
	Bottom		0.015	0.002	0.003	0.003	0.017	
	Front	50%RB	0.183	0.010	0.019	0.040	0.193	
	Back		0.269	0.018	0.038	0.046	0.287	
	Left		0.109	0.002	0.013	0.012	0.111	
	Right		0.008	0.011	0.011	0.030	0.019	
	Top		0.080	0.013	0.022	0.021	0.093	
	Bottom		0.004	0.002	0.003	0.003	0.006	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WiFi2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
5-n7	Front	1RB	0.088	0.010	0.019	0.040	0.098	1.6
	Back		0.135	0.018	0.038	0.046	0.153	
	Left		0.087	0.002	0.013	0.012	0.089	
	Right		0.006	0.011	0.011	0.030	0.017	
	Top		0.071	0.013	0.022	0.021	0.084	
	Bottom		0.004	0.002	0.003	0.003	0.006	
	Front	50%RB	0.063	0.010	0.019	0.040	0.073	
	Back		0.116	0.018	0.038	0.046	0.134	
	Left		0.071	0.002	0.013	0.012	0.073	
	Right		0.003	0.011	0.011	0.030	0.014	
	Top		0.055	0.013	0.022	0.021	0.068	
	Bottom		0.002	0.002	0.003	0.003	0.004	
5-n38	Front	1RB	0.095	0.010	0.019	0.040	0.105	
	Back		0.124	0.018	0.038	0.046	0.142	
	Left		0.075	0.002	0.013	0.012	0.077	
	Right		0.024	0.011	0.011	0.030	0.035	
	Top		0.052	0.013	0.022	0.021	0.065	
	Bottom		0.013	0.002	0.003	0.003	0.015	
	Front	50%RB	0.079	0.010	0.019	0.040	0.089	
	Back		0.113	0.018	0.038	0.046	0.131	
	Left		0.067	0.002	0.013	0.012	0.069	
	Right		0.011	0.011	0.011	0.030	0.022	
	Top		0.045	0.013	0.022	0.021	0.058	
	Bottom		0.004	0.002	0.003	0.003	0.006	
5-n41	Front	1RB	0.085	0.010	0.019	0.040	0.095	
	Back		0.131	0.018	0.038	0.046	0.149	
	Left		0.046	0.002	0.013	0.012	0.048	
	Right		0.027	0.011	0.011	0.030	0.038	
	Top		0.032	0.013	0.022	0.021	0.045	
	Bottom		0.014	0.002	0.003	0.003	0.016	
	Front	50%RB	0.065	0.010	0.019	0.040	0.075	
	Back		0.102	0.018	0.038	0.046	0.120	
	Left		0.037	0.002	0.013	0.012	0.039	
	Right		0.019	0.011	0.011	0.030	0.030	
	Top		0.024	0.013	0.022	0.021	0.037	
	Bottom		0.011	0.002	0.003	0.003	0.013	
5-n66	Front	1RB	0.105	0.010	0.019	0.040	0.115	
	Back		0.154	0.018	0.038	0.046	0.172	
	Left		0.071	0.002	0.013	0.012	0.073	
	Right		0.008	0.011	0.011	0.030	0.019	
	Top		0.050	0.013	0.022	0.021	0.063	
	Bottom		0.004	0.002	0.003	0.003	0.006	
	Front	50%RB	0.095	0.010	0.019	0.040	0.105	
	Back		0.138	0.018	0.038	0.046	0.156	
	Left		0.054	0.002	0.013	0.012	0.056	
	Right		0.004	0.011	0.011	0.030	0.015	
	Top		0.037	0.013	0.022	0.021	0.050	
	Bottom		0.002	0.002	0.003	0.003	0.004	
5-n77	Front	1RB	0.063	0.010	0.019	0.040	0.073	
	Back		0.078	0.018	0.038	0.046	0.096	
	Left		0.041	0.002	0.013	0.012	0.043	
	Right		0.003	0.011	0.011	0.030	0.014	
	Top		0.035	0.013	0.022	0.021	0.048	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.047	0.010	0.019	0.040	0.057	
	Back		0.064	0.018	0.038	0.046	0.082	
	Left		0.025	0.002	0.013	0.012	0.027	
	Right		0.002	0.011	0.011	0.030	0.013	
	Top		0.019	0.013	0.022	0.021	0.032	
	Bottom		0.002	0.002	0.003	0.003	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)			
5-n78	Front	1RB	0.037	0.010	0.019	0.040	0.047	1.6
	Back		0.063	0.018	0.038	0.046	0.081	
	Left		0.030	0.002	0.013	0.012	0.032	
	Right		0.003	0.011	0.011	0.030	0.014	
	Top		0.023	0.013	0.022	0.021	0.036	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.030	0.010	0.019	0.040	0.040	
	Back		0.051	0.018	0.038	0.046	0.069	
	Left		0.017	0.002	0.013	0.012	0.019	
	Right		0.002	0.011	0.011	0.030	0.013	
	Top		0.015	0.013	0.022	0.021	0.028	
7-n7	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	1RB	0.248	0.010	0.019	0.040	0.258	
	Back		0.400	0.018	0.038	0.046	0.418	
	Left		0.200	0.002	0.013	0.012	0.202	
	Right		0.025	0.011	0.011	0.030	0.036	
	Top		0.150	0.013	0.022	0.021	0.163	
	Bottom		0.011	0.002	0.003	0.003	0.013	
	Front	50%RB	0.174	0.010	0.019	0.040	0.184	
	Back		0.293	0.018	0.038	0.046	0.311	
	Left		0.131	0.002	0.013	0.012	0.133	
	Right		0.011	0.011	0.011	0.030	0.022	
	Top		0.085	0.013	0.022	0.021	0.098	
7-n66	Bottom		0.008	0.002	0.003	0.003	0.010	
	Front	1RB	0.089	0.010	0.019	0.040	0.099	
	Back		0.145	0.018	0.038	0.046	0.163	
	Left		0.058	0.002	0.013	0.012	0.060	
	Right		0.003	0.011	0.011	0.030	0.014	
	Top		0.041	0.013	0.022	0.021	0.054	
	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	50%RB	0.065	0.010	0.019	0.040	0.075	
	Back		0.115	0.018	0.038	0.046	0.133	
	Left		0.041	0.002	0.013	0.012	0.043	
	Right		0.002	0.011	0.011	0.030	0.013	
	Top		0.034	0.013	0.022	0.021	0.047	
7-n77	Bottom		0.002	0.002	0.003	0.003	0.004	
	Front	1RB	0.333	0.010	0.019	0.040	0.343	
	Back		0.412	0.018	0.038	0.046	0.430	
	Left		0.246	0.002	0.013	0.012	0.248	
	Right		0.025	0.011	0.011	0.030	0.036	
	Top		0.306	0.013	0.022	0.021	0.319	
	Bottom		0.011	0.002	0.003	0.003	0.013	
	Front	50%RB	0.278	0.010	0.019	0.040	0.288	
	Back		0.385	0.018	0.038	0.046	0.403	
	Left		0.217	0.002	0.013	0.012	0.219	
	Right		0.008	0.011	0.011	0.030	0.019	
	Top		0.262	0.013	0.022	0.021	0.275	
7-n78	Bottom		0.004	0.002	0.003	0.003	0.006	
	Front	1RB	0.335	0.010	0.019	0.040	0.345	
	Back		0.407	0.018	0.038	0.046	0.425	
	Left		0.248	0.002	0.013	0.012	0.250	
	Right		0.021	0.011	0.011	0.030	0.032	
	Top		0.272	0.013	0.022	0.021	0.285	
	Bottom		0.010	0.002	0.003	0.003	0.012	
	Front	50%RB	0.276	0.010	0.019	0.040	0.286	
	Back		0.334	0.018	0.038	0.046	0.352	
	Left		0.210	0.002	0.013	0.012	0.212	
	Right		0.016	0.011	0.011	0.030	0.027	
	Top		0.157	0.013	0.022	0.021	0.170	
	Bottom		0.009	0.002	0.003	0.003	0.011	

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 1) 1g(W/kg)			
38-n38	Front	1RB	0.057	0.010	0.019	0.040	0.067	1.6
	Back		0.083	0.018	0.038	0.046	0.101	
	Left		0.045	0.002	0.013	0.012	0.047	
	Right		0.010	0.011	0.011	0.030	0.021	
	Top		0.025	0.013	0.022	0.021	0.038	
	Bottom		0.005	0.002	0.003	0.003	0.007	
	Front	50%RB	0.046	0.010	0.019	0.040	0.056	
	Back		0.058	0.018	0.038	0.046	0.076	
	Left		0.039	0.002	0.013	0.012	0.041	
	Right		0.008	0.011	0.011	0.030	0.019	
	Top		0.021	0.013	0.022	0.021	0.034	
	Bottom		0.004	0.002	0.003	0.003	0.006	
41-n41	Front	1RB	0.048	0.010	0.019	0.040	0.058	
	Back		0.064	0.018	0.038	0.046	0.082	
	Left		0.024	0.002	0.013	0.012	0.026	
	Right		0.005	0.011	0.011	0.030	0.016	
	Top		0.019	0.013	0.022	0.021	0.032	
	Bottom		0.003	0.002	0.003	0.003	0.005	
	Front	50%RB	0.035	0.010	0.019	0.040	0.045	
	Back		0.053	0.018	0.038	0.046	0.071	
	Left		0.019	0.002	0.013	0.012	0.021	
	Right		0.004	0.011	0.011	0.030	0.015	
	Top		0.015	0.013	0.022	0.021	0.028	
	Bottom		0.002	0.002	0.003	0.003	0.004	
41-n77	Front	1RB	0.053	0.010	0.019	0.040	0.063	
	Back		0.077	0.018	0.038	0.046	0.095	
	Left		0.031	0.002	0.013	0.012	0.033	
	Right		0.007	0.011	0.011	0.030	0.018	
	Top		0.038	0.013	0.022	0.021	0.051	
	Bottom		0.005	0.002	0.003	0.003	0.007	
	Front	50%RB	0.045	0.010	0.019	0.040	0.055	
	Back		0.060	0.018	0.038	0.046	0.078	
	Left		0.023	0.002	0.013	0.012	0.025	
	Right		0.005	0.011	0.011	0.030	0.016	
	Top		0.019	0.013	0.022	0.021	0.032	
	Bottom		0.004	0.002	0.003	0.003	0.006	
41-n78	Front	1RB	0.051	0.010	0.019	0.040	0.061	
	Back		0.079	0.018	0.038	0.046	0.097	
	Left		0.037	0.002	0.013	0.012	0.039	
	Right		0.007	0.011	0.011	0.030	0.018	
	Top		0.042	0.013	0.022	0.021	0.055	
	Bottom		0.003	0.002	0.003	0.003	0.005	
	Front	50%RB	0.038	0.010	0.019	0.040	0.048	
	Back		0.051	0.018	0.038	0.046	0.069	
	Left		0.024	0.002	0.013	0.012	0.026	
	Right		0.006	0.011	0.011	0.030	0.017	
	Top		0.017	0.013	0.022	0.021	0.030	
	Bottom		0.003	0.002	0.003	0.003	0.005	
66-n7	Front	1RB	0.446	0.010	0.019	0.040	0.456	
	Back		0.570	0.018	0.038	0.046	0.588	
	Left		0.275	0.002	0.013	0.012	0.277	
	Right		0.025	0.011	0.011	0.030	0.036	
	Top		0.302	0.013	0.022	0.021	0.315	
	Bottom		0.015	0.002	0.003	0.003	0.017	
	Front	50%RB	0.291	0.010	0.019	0.040	0.301	
	Back		0.408	0.018	0.038	0.046	0.426	
	Left		0.185	0.002	0.013	0.012	0.187	
	Right		0.107	0.011	0.011	0.030	0.118	
	Top		0.139	0.013	0.022	0.021	0.152	
	Bottom		0.065	0.002	0.003	0.003	0.067	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1) 1g(W/kg)			
66-n38	Front	1RB	0.242	0.010	0.019	0.040	0.252	1.6
	Back		0.271	0.018	0.038	0.046	0.289	
	Left		0.134	0.002	0.013	0.012	0.136	
	Right		0.016	0.011	0.011	0.030	0.027	
	Top		0.162	0.013	0.022	0.021	0.175	
	Bottom		0.009	0.002	0.003	0.003	0.011	
	Front	50%RB	0.173	0.010	0.019	0.040	0.183	
	Back		0.209	0.018	0.038	0.046	0.227	
	Left		0.104	0.002	0.013	0.012	0.106	
	Right		0.011	0.011	0.011	0.030	0.022	
	Top		0.088	0.013	0.022	0.021	0.101	
	Bottom		0.007	0.002	0.003	0.003	0.009	
66-n41	Front	1RB	0.229	0.010	0.019	0.040	0.239	
	Back		0.278	0.018	0.038	0.046	0.296	
	Left		0.172	0.002	0.013	0.012	0.174	
	Right		0.030	0.011	0.011	0.030	0.041	
	Top		0.191	0.013	0.022	0.021	0.204	
	Bottom		0.023	0.002	0.003	0.003	0.025	
	Front	50%RB	0.171	0.010	0.019	0.040	0.181	
	Back		0.214	0.018	0.038	0.046	0.232	
	Left		0.126	0.002	0.013	0.012	0.128	
	Right		0.019	0.011	0.011	0.030	0.030	
	Top		0.107	0.013	0.022	0.021	0.120	
	Bottom		0.016	0.002	0.003	0.003	0.018	
66-n66	Front	1RB	0.180	0.010	0.019	0.040	0.190	
	Back		0.225	0.018	0.038	0.046	0.243	
	Left		0.098	0.002	0.013	0.012	0.100	
	Right		0.038	0.011	0.011	0.030	0.049	
	Top		0.057	0.013	0.022	0.021	0.070	
	Bottom		0.013	0.002	0.003	0.003	0.015	
	Front	50%RB	0.112	0.010	0.019	0.040	0.122	
	Back		0.181	0.018	0.038	0.046	0.199	
	Left		0.051	0.002	0.013	0.012	0.053	
	Right		0.024	0.011	0.011	0.030	0.035	
	Top		0.033	0.013	0.022	0.021	0.046	
	Bottom		0.018	0.002	0.003	0.003	0.020	
66-n77	Front	1RB	0.215	0.010	0.019	0.040	0.225	
	Back		0.288	0.018	0.038	0.046	0.306	
	Left		0.096	0.002	0.013	0.012	0.098	
	Right		0.017	0.011	0.011	0.030	0.028	
	Top		0.126	0.013	0.022	0.021	0.139	
	Bottom		0.007	0.002	0.003	0.003	0.009	
	Front	50%RB	0.159	0.010	0.019	0.040	0.169	
	Back		0.223	0.018	0.038	0.046	0.241	
	Left		0.092	0.002	0.013	0.012	0.094	
	Right		0.010	0.011	0.011	0.030	0.021	
	Top		0.070	0.013	0.022	0.021	0.083	
	Bottom		0.004	0.002	0.003	0.003	0.006	
66-n78	Front	1RB	0.215	0.010	0.019	0.040	0.225	
	Back		0.288	0.018	0.038	0.046	0.306	
	Left		0.107	0.002	0.013	0.012	0.109	
	Right		0.021	0.011	0.011	0.030	0.032	
	Top		0.123	0.013	0.022	0.021	0.136	
	Bottom		0.012	0.002	0.003	0.003	0.014	
	Front	50%RB	0.151	0.010	0.019	0.040	0.161	
	Back		0.219	0.018	0.038	0.046	0.237	
	Left		0.122	0.002	0.013	0.012	0.124	
	Right		0.017	0.011	0.011	0.030	0.028	
	Top		0.086	0.013	0.022	0.021	0.099	
	Bottom		0.009	0.002	0.003	0.003	0.011	

13 Measurement uncertainty evaluation

13.1 Measurement uncertainty evaluation for SAR test

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

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

DASY8 Uncertainty Budget

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

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

13.2 Measurement uncertainty evaluation for system check

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

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

14 Test equipment and ancillaries used for tests

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

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

Annex A: System performance verification

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

Annex B: Measurement results

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

Annex C: Calibration reports

(Please See the Calibration reports of annex C.)

Annex D: Photographs

(Please see SAR test setup photos.)