

FCC SAR Compliance Test Report

For

INFINIX MOBILITY LIMITED

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

FOTAN NT HONGKONG

Model: X6879

Test Engineer: Cai Yongju

Report Number: WSCT-ANAB-R&E250900074A-SAR

Report Date: 22 December 2025

FCC ID: 2AIZN-X6879

Check By: Wei Liangmei

Approved By: Li Huaibi

Prepared By:

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

Table of contents

1	General information	5
1.1	Notes	5
1.2	Application details	5
1.3	Statement of Compliance	6
1.4	EUT Information	9
2	Testing laboratory	11
3	ACCREDITATIONS	11
4	Test Environment	11
5	Applicant and Manufacturer	11
6	Test standards:	12
6.1	RF exposure limits	13
6.2	SAR Definition	13
7	SAR Measurement System	14
7.1	The Measurement System	14
7.2	Robot	15
7.3	Probe	16
7.4	DAE	17
7.5	Phantom	18
7.6	Device Holder	19
7.7	SAR Scan General Requirement	20
7.8	Measurement procedure	21
7.9	Tissue simulating liquids: dielectric properties	22
7.10	Tissue simulating liquids: parameters	23
8	System Check	24
8.1	System check procedure	24
8.2	System check results	25
9	Test Position Configurations	26
9.1	Head Exposure Conditions	26

9.2	Body Exposure Condition.....	28
10	SAR Test Configuration.....	29
10.1	GSM Test Configurations.....	29
10.2	UMTS Test Configuration.....	29
10.3	LTE Test Configuration.....	31
10.4	Wi-Fi Test Configuration.....	33
10.5	WiFi 2.4G SAR Test Procedures.....	33
11	Detailed Test Results	35
11.1	Conducted Power measurements.....	35
11.1.1	Conducted Power of GSM.....	35
11.1.2	Conducted Power of WCDMA.....	36
11.1.3	Conducted Power of LTE Band 2.....	37
11.1.4	Conducted Power of LTE Band 4.....	39
11.1.5	Conducted Power of LTE Band 5.....	41
11.1.6	Conducted Power of LTE Band 7.....	43
11.1.7	Conducted Power of LTE Band 12.....	45
11.1.8	Conducted Power of LTE Band 13.....	47
11.1.9	Conducted Power of LTE Band 17.....	48
11.1.10	ConductePower of LTE Band 38.....	49
11.1.11	ConductePower of LTE Band 41.....	51
11.1.12	Conducted Power of LTE Band 42.....	53
11.1.13	Conducted Power of LTE Band 66.....	55
11.1.14	Conducted Power of NR n5.....	57
11.1.15	Conducted Power of NR n7.....	58
11.1.16	ConductdPower of NR n12.....	59
11.1.17	Conducted Power of NR n38.....	60
11.1.18	Conducted Power of NR n41.....	61
11.1.19	Conducted Power of NR n66.....	62

11.1.20 Conducted Power of NR n77(3450-3550)	63
11.1.21 Conducted Power of NR n77(3550-3700)	64
11.1.22 Conducted Power of NR n77(3700-3980)	65
11.1.23 Conducted Power of NR n78(3450-3550)	66
11.1.24 Conducted Power of NR n78(3550-3700)	67
11.1.25 Conducted Power of NR n78(3700-3800)	68
11.1.26 Conducted Power of Wi-Fi 2.4G	69
11.1.27 Conducted Power of Wi-Fi 5G	70
11.1.28 Conducted Power of BT	72
11.2 Tune-up power tolerance	73
11.3 SAR test results	75
11.4 Test Result	78
11.4.1 Results overview of GSM	78
11.4.2 Results overview of WCDMA	79
11.4.3 Results overview of LTE	80
11.4.4 Results overview of NR	87
11.4.5 Results overview of NSA	96
11.4.6 Results overview of WiFi	109
12 Multiple Transmitter Information	113
12.1 Simultaneous Transmission Possibilities	114
12.1.1 SAR Summation Scenario	115
13 Measurement uncertainty evaluation	134
13.1 Measurement uncertainty evaluation for SAR test	134
13.2 Measurement uncertainty evaluation for system check	136
14 Test equipment and ancillaries used for tests	137
Annex A: System performance verification	138
Annex B: Measurement results	138
Annex C: Calibration reports	138
Annex D: Photographs	138

Modified History

REV.	Modification Description	Issued Date	Remark
REV.1.0	Initial Test Report Release	22 December 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: 2025-09-23
Start of test: 2025-09-25
End of test: 2025-11-20

1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for X6879 is as below:

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Head	0.179
GSM1900	Head	0.063
UMTS Band 2	Head	0.081
UMTS Band 4	Head	0.043
UMTS Band 5	Head	0.561
LTE Band 2	Head	0.016
LTE Band 4	Head	0.020
LTE Band 5	Head	0.992
LTE Band 7	Head	0.090
LTE Band 12	Head	0.454
LTE Band 13	Head	0.257
LTE Band 17	Head	0.461
LTE Band 38	Head	0.015
LTE Band 41	Head	0.018
LTE Band 42	Head	0.554
LTE Band 66	Head	0.087
NR n5	Head	0.807
NR n7	Head	0.112
NR n12	Head	0.915
NR n38	Head	0.023
NR n41	Head	0.011
NR n66	Head	0.095
NR n77	Head	1.055
NR n77	Head	0.936
NR n77	Head	0.938
NR n78	Head	0.466
NR n78	Head	0.402
NR n78	Head	0.469
2-n7	Head	0.442
2-n66	Head	0.482
2-n78	Head	0.275
4-n7	Head	0.609
4-n41	Head	0.550
4-n78	Head	0.159
5-n7	Head	0.797
5-n38	Head	0.750
5-n41	Head	0.802
5-n66	Head	0.754
5-n77	Head	0.656
5-n78	Head	0.675
7-n7	Head	0.511
7-n66	Head	0.543
7-n77	Head	0.144
7-n78	Head	0.144
38-n78	Head	0.185
41-n41	Head	0.151

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
41-n77	Head	0.056
41-n78	Head	0.146
66-n7	Head	0.325
66-n38	Head	0.433
66-n41	Head	0.296
66-n66	Head	0.128
66-n77	Head	0.107
66-n78	Head	0.107
BT	Head	0.118
2.4GWIFI	Head	0.449
5GWIFI Band1	Head	0.247
5GWIFI Band2	Head	0.362
5GWIFI Band3	Head	0.488
5GWIFI Band4	Head	0.197

Band	Position Test Points	MAX Reported SAR _{1g} (W/kg)
GSM850	Body & Hotspot 10mm	0.674
GSM1900	Body & Hotspot 10mm	0.851
UMTS Band 2	Body & Hotspot 10mm	1.177
UMTS Band 4	Body & Hotspot 10mm	1.115
UMTS Band 5	Body & Hotspot 10mm	0.627
LTE Band 2	Body & Hotspot 10mm	0.822
LTE Band 4	Body & Hotspot 10mm	0.637
LTE Band 5	Body & Hotspot 10mm	1.038
LTE Band 7	Body & Hotspot 10mm	0.663
LTE Band 12	Body & Hotspot 10mm	0.665
LTE Band 13	Body & Hotspot 10mm	0.754
LTE Band 17	Body & Hotspot 10mm	0.679
LTE Band 38	Body & Hotspot 10mm	0.215
LTE Band 41	Body & Hotspot 10mm	0.300
LTE Band 42	Body & Hotspot 10mm	0.481
LTE Band 66	Body & Hotspot 10mm	0.884
NR n5	Body & Hotspot 10mm	0.767
NR n7	Body & Hotspot 10mm	1.139
NR n12	Body & Hotspot 10mm	0.791
NR n38	Body & Hotspot 10mm	0.153
NR n41	Body & Hotspot 10mm	0.148
NR n66	Body & Hotspot 10mm	1.058
NR n77	Body & Hotspot 10mm	0.220
NR n77	Body & Hotspot 10mm	0.202
NR n77	Body & Hotspot 10mm	0.163
NR n78	Body & Hotspot 10mm	0.223
NR n78	Body & Hotspot 10mm	0.199
NR n78	Body & Hotspot 10mm	0.200
2-n7	Body & Hotspot 10mm	0.136
2-n66	Body & Hotspot 10mm	0.156
2-n78	Body & Hotspot 10mm	0.320
4-n7	Body & Hotspot 10mm	0.325
4-n41	Body & Hotspot 10mm	0.049

Band	Position Test Points	MAX Reported SAR1g (W/kg)
4-n78	Body & Hotspot 10mm	0.220
5-n7	Body & Hotspot 10mm	0.502
5-n38	Body & Hotspot 10mm	0.380
5-n41	Body & Hotspot 10mm	0.400
5-n66	Body & Hotspot 10mm	0.374
5-n77	Body & Hotspot 10mm	0.374
5-n78	Body & Hotspot 10mm	0.384
7-n7	Body & Hotspot 10mm	0.119
7-n66	Body & Hotspot 10mm	0.206
7-n77	Body & Hotspot 10mm	0.097
7-n78	Body & Hotspot 10mm	0.086
38-n78	Body & Hotspot 10mm	0.077
41-n41	Body & Hotspot 10mm	0.095
41-n77	Body & Hotspot 10mm	0.092
41-n78	Body & Hotspot 10mm	0.080
66-n7	Body & Hotspot 10mm	0.153
66-n38	Body & Hotspot 10mm	0.145
66-n41	Body & Hotspot 10mm	0.134
66-n66	Body & Hotspot 10mm	0.075
66-n77	Body & Hotspot 10mm	0.063
66-n78	Body & Hotspot 10mm	0.068
BT	Body & Hotspot 10mm	0.047
2.4GWIFI	Body & Hotspot 10mm	0.206
5GWIFI Band1	Body & Hotspot 10mm	0.106
5GWIFI Band2	Body & Hotspot 10mm	0.136
5GWIFI Band3	Body & Hotspot 10mm	0.183
5GWIFI Band4	Body & Hotspot 10mm	0.193
Maximum Max. SAR Level(s) Measured: (Limit: 1.6W/Kg):	N77(1)	1.055 W/kg1gHeadTissue
	5G WIFI Band 3	0.488 W/kg1gHeadTissue
	WCDMA Band 2	1.177 W/kg1gBodyTissue
	2.4G WIFI	0.206 W/kg1gBodyTissue
The Head highest simultaneous SAR :		1.543 W/kg1gHeadTissue
The Body highest simultaneous SAR :		1.223 W/kg1gBodyTissue

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

1.4 EUT Information

Device Information:			
Product Type:	Mobile Phone		
Model:	X6879		
Trade Name:	Infinix		
Software number:			
Hardware number:			
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_n41A, DC_4A_n78A, DC_5A_n7A, DC_5A_n38A, DC_5A_n41A, DC_5A_n66A, DC_5A_n77A, DC_5A_n78A, DC_7A_n7A, DC_7A_n66A, DC_7A_n77A, DC_7A_n78A, DC_38A_n78A DC_41A_n41A, DC_41A_n77A, DC_41A_n78A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A, DC_66A_n66A, DC_66A_n77A, DC_66A_n78A		
Modulation:	GSM/GPRS: GMSK EGPRS: 8PSK WCDMA: QPSK HSDPA/HSUPA: QPSK /16QAM LTE: QPSK/16QAM NR: BPSK/ QPSK/16QAM/64QAM/256QAM		
Device Class :	Class B, No DTM Mode		
Operating Frequency Range(s)	Band	TX(MHz)	RX(MHz)
	GSM850	824~849	869~894
	GSM1900	1850~1910	1930~1990
	UMTS Band 2	1850~1910	1930~1990
	UMTS Band 4	1710~1755	2110~2155
	UMTS Band 5	824~849	869~894
	LTE Band 2	1850~1910	1930~1990

Operating Frequency Range(s)	LTE Band 4	1710~1755	2110~2155
	LTE Band 5	824~849	869~894
	LTE Band 7	2500~2570	2620~2690
	LTE Band 12	699~716	729~746
	LTE Band 17	704~716	734~746
	LTE Band 38	2570-2620	2570-2620
	LTE Band 41	2496-2690	2496-2690
	LTE Band 42	3450-3550	3450-3550
	LTE Band 66	1710-1780	2110-2200
	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	13.553-13.567		
Antenna gain:	GSM 850/WCDMA B5/LTE B5/NR N5:0.07dbi PCS 1900/WCDMA B2/LTE B2:-1.51dbi WCDMA B4/LTE B4/ LTE B66/NR N66: -2.78dbi LTE B7/ LTE B38/ LTE B41/ NR N7/ NR N38/ NR N41:-0.73dbi LTE B12/LTE B13/LTE B17/NR N12:-5.77dbi LTE B42:0.01dBi NR 77/NR 78:0.01dBi		
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-60AX Nominal Voltage: 3.92V Rated Capacity:5990mAh/23.49Wh Typical Capacity:6150mAh/24.11Wh Limited Charge Voltage:4.53V		

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

6 Test standards:

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

6.1 RF exposure limits

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

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

Notes:

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

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

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

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

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

6.2 SAR Definition

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

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

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

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

where:

σ = conductivity of the tissue (S/m)

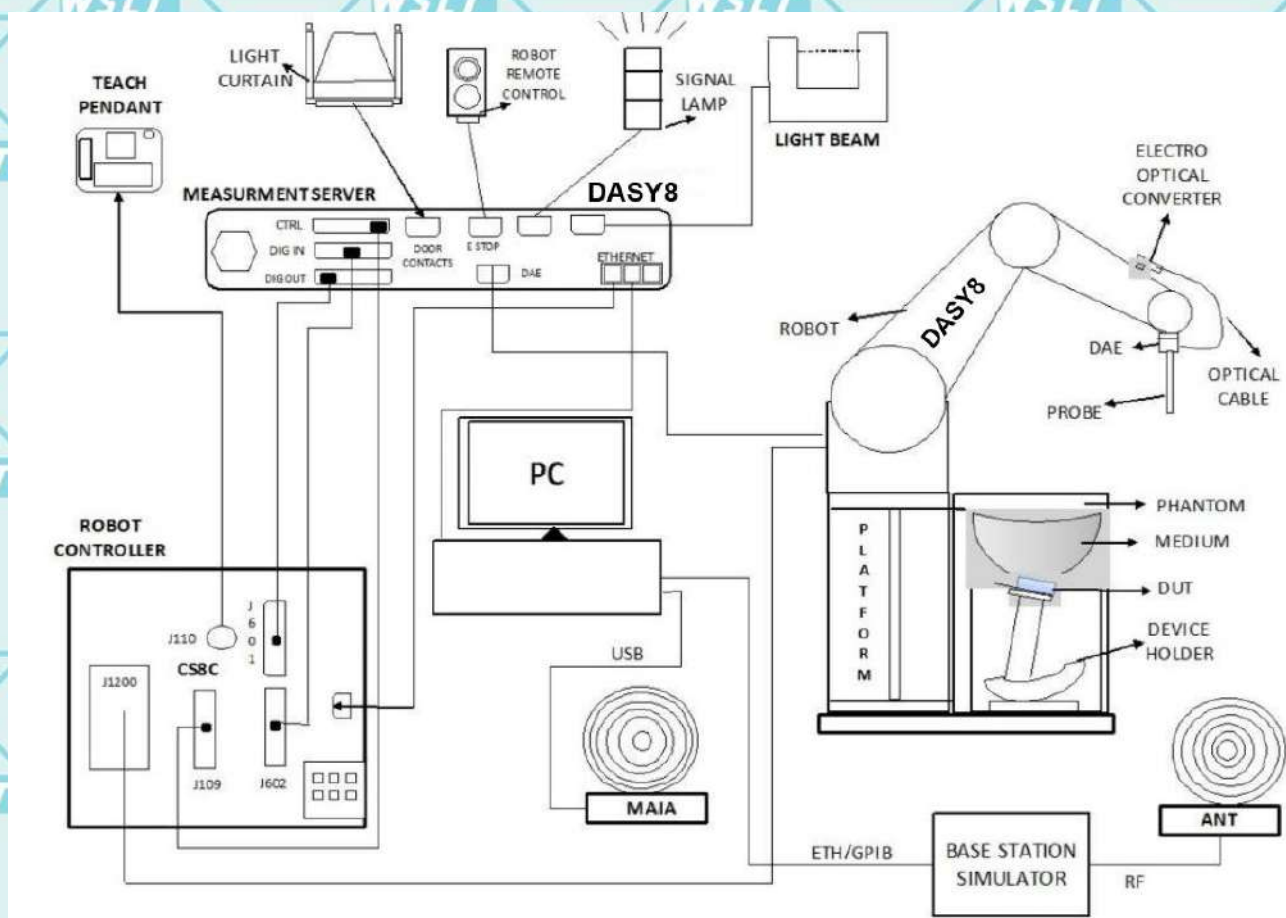
ρ = mass density of the tissue (kg/m³)

E = rms electric field strength (V/m)

7 SAR Measurement System

7.1 The Measurement System

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



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

7.2 Robot

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

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



7.3 Probe

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

For the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN:7951 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.

			$\leq 3\text{ GHz}$	$>3\text{ GHz}$
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			$\leq 2\text{ GHz}: \leq 15\text{ mm}$ $2\text{-}3\text{ GHz}: \leq 12\text{ mm}$	$3\text{-}4\text{ GHz}: \leq 12\text{ mm}$ $4\text{-}6\text{ GHz}: \leq 10\text{ mm}$
			When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx_{Zoom} , Δy_{Zoom}			$\leq 2\text{ GHz}: \leq 8\text{ mm}$ $2\text{-}3\text{ GHz}: \leq 5\text{ mm}^*$	$3\text{-}4\text{ GHz}: \leq 5\text{ mm}^*$ $4\text{-}6\text{ GHz}: \leq 4\text{ mm}^*$
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{\text{Zoom}}(n)$		$\leq 5\text{ mm}$	$3\text{-}4\text{ GHz}: \leq 4\text{ mm}$ $4\text{-}5\text{ GHz}: \leq 3\text{ mm}$ $5\text{-}6\text{ GHz}: \leq 2\text{ mm}$
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	$\leq 4\text{ mm}$	$3\text{-}4\text{ GHz}: \leq 3\text{ mm}$ $4\text{-}5\text{ GHz}: \leq 2.5\text{ mm}$ $5\text{-}6\text{ GHz}: \leq 2\text{ mm}$
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)\text{ mm}$	
Minimum zoom scan volume	x, y,z		$\geq 30\text{ mm}$	$3\text{-}4\text{ GHz}: \geq 28\text{ mm}$ $4\text{-}5\text{ GHz}: \geq 25\text{ mm}$ $5\text{-}6\text{ GHz}: \geq 22\text{ mm}$
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:

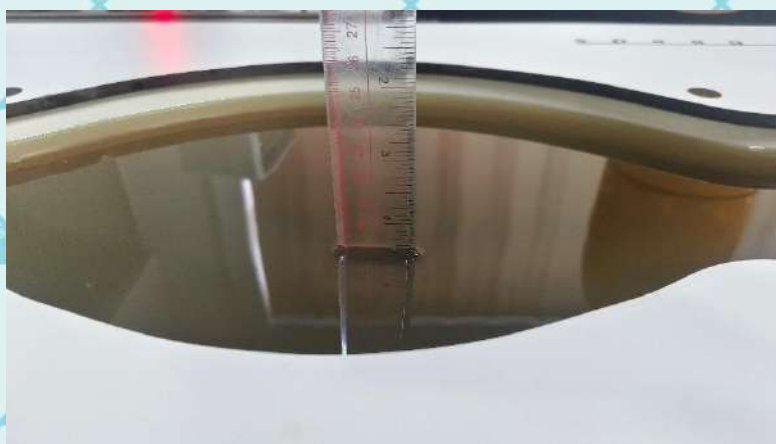
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan 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	2025-10-25
835MHz Head	41.50 (39.425~43.575)	0.90 (0.86~0.95)	41.60	0.914	21.6°C	2025-10-28
1750MHz Head	40.10 (38.10~42.10)	1.37 (1.31~1.43)	41.90	1.34	21.6°C	2025-10-30
1900MHz Head	40.00 (38.00~42.00)	1.40 (1.33~1.47)	41.70	1.44	21.6°C	2025-11-01
2450MHz Head	39.20 (37.24~41.16)	1.80 (1.71~1.89)	40.27	1.82	21.6°C	2025-11-03
2550MHz Head	39.10 (37.15~41.05)	1.91 (1.82~2.01)	40.80	1.90	21.6°C	2025-11-05
2600MHz Head	39.00 (37.05~40.95)	1.96 (1.86~2.05)	39.87	1.94	21.6°C	2025-11-07
3400MHz Head	38.00 (36.10~39.90)	2.81 (2.67~2.95)	39.30	2.63	21.6°C	2025-11-10
3500MHz Head	37.90 (36.01~39.79)	2.91 (2.77~3.05)	39.20	2.94	21.6°C	2025-11-11
3700MHz Head	37.70 (35.82~39.58)	3.12 (2.97~3.27)	38.90	2.90	21.6°C	2025-11-13
3900MHz Head	37.50 (35.63~39.37)	3.32 (2.97~3.27)	38.60	3.10	21.6°C	2025-11-15
5200MHz Head	36.00 (34.20~37.80)	4.66 (4.43~4.89)	36.30	4.54	21.6°C	2025-11-18
5500MHz Head	35.60 (33.82~37.38)	4.96 (4.71~5.20)	35.80	4.88	21.6°C	2025-11-19
5800MHz Head	35.30 (33.54~37.06)	5.27 (5.01~5.53)	35.30	5.23	21.6°C	2025-11-20

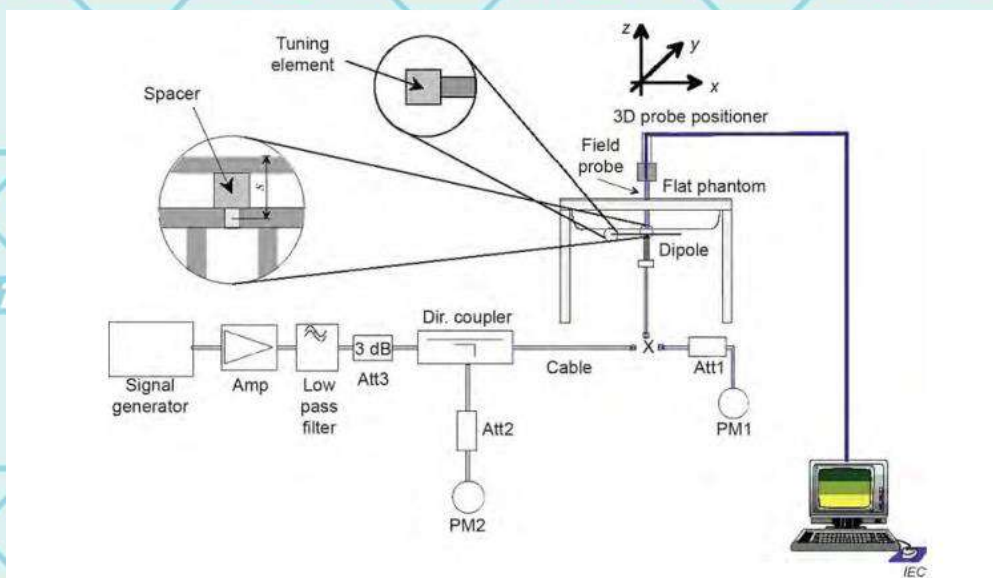
ϵ_r = Relative permittivity, σ = Conductivity

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	2025-10-25
D835V2 Body	9.68 (8.72~10.64)	6.44 (5.80~7.08)	9.94	6.55	21.6°C	2025-10-28
D1750V2 Body	36.40 (32.76~40.04)	19.60 (17.64~21.56)	36.20	19.50	21.6°C	2025-10-30
D1900V2 Body	39.70 (35.73~43.67)	21.00 (18.90~23.10)	40.40	21.10	21.6°C	2025-11-01
D2550V2 Body	54.10 (48.69~59.51)	24.70 (22.23~27.17)	55.80	25.60	21.6°C	2025-11-05
D3400V2 Body	69.20 (62.28~76.12)	26.30 (23.67~28.93)	72.50	28.10	21.6°C	2025-11-10
D3500V2 Body	65.30 (58.77~71.83)	24.80 (22.32~27.28)	62.80	24.00	21.6°C	2025-11-11
D3700V2 Body	69.30 (62.37~76.23)	25.40 (22.86~27.94)	63.70	23.70	21.6°C	2025-11-13
D3900V2 Body	69.50 (62.55~76.45)	24.30 (21.87~26.73)	67.40	23.80	21.6°C	2025-11-15
D5200V2 Body	76.00 (68.40~83.60)	22.00 (19.80~24.20)	71.70	20.70	21.6°C	2025-11-18
D5300V2 Body	80.60 (72.54~88.66)	23.30 (20.97~25.63)	80.80	23.10	21.6°C	2025-11-18
D5500V2 Body	85.60 (77.04~94.16)	24.50 (22.05~26.95)	79.00	22.50	21.6°C	2025-11-19
D5600V2 Body	83.30 (74.97~91.63)	24.10 (21.69~26.51)	78.70	22.40	21.6°C	2025-11-19
D5800V2 Body	79.00 (71.10~86.90)	22.70 (20.43~24.97)	77.60	22.00	21.6°C	2025-11-20

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

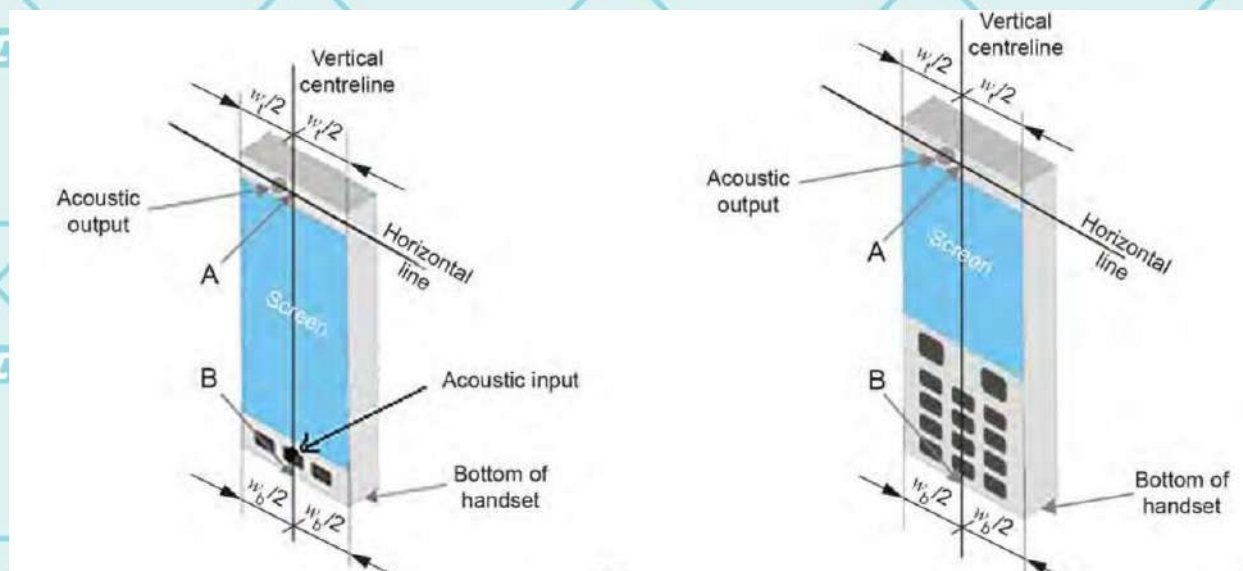
9 Test Position Configurations

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.

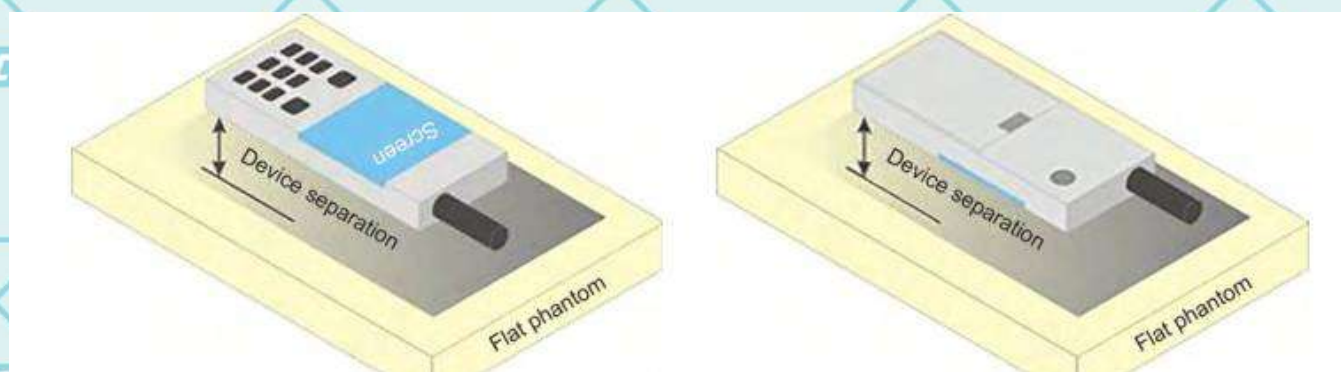


9.2 Body Exposure Condition

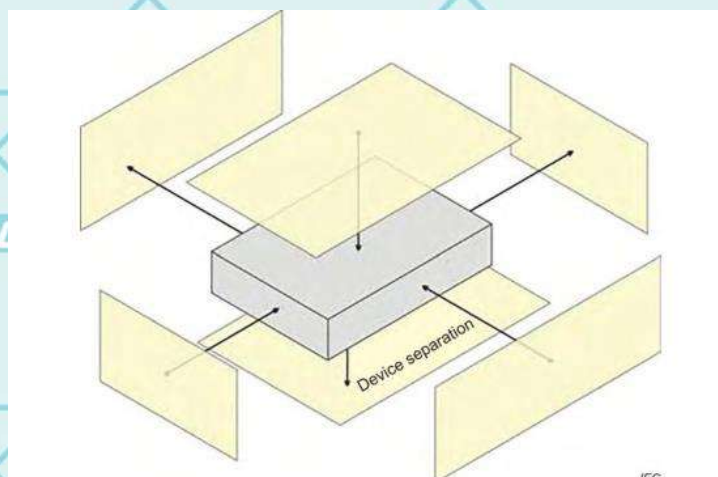
According to 447498 D04

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 lever is set to “5” and “0” in SAR of GSM850 and GSM1900. The tests in the band of GSM 850 and GSM 1900 are performed in the mode of GPRS/EGPRS function. Since the GPRS class is 12 for this EUT, it has at most 4 timeslots in uplink and at most 4 timeslots in downlink, the maximum total timeslot is 5.

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

10.2 UMTS Test Configuration

1) Output Power Verification

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

2) WCDMA

a. Head SAR Measurements

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

b. Body SAR Measurements

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

3) HSDPA

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

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

Per KDB941225 D01, the 3G SAR test reduction procedure is applied to HSDPA body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSDPA using the HSDPA body SAR procedures for the highest reported SAR body exposure configuration in 12.2 kbps RMC. HSDPA should be configured according to UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The β_c and β_d gain factors for DPCCH and DPDCH were set according to the values in the below table, β_{hs} for HS-DPCCH is set automatically to the correct value when ΔACK , $\Delta NACK$, $\Delta CQI = 8$. The variation of the β_c / β_d ratio causes a power reduction at sub-tests 2 - 4.

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

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

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

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

4) HSUPA

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

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

10.3 LTE Test Configuration

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

1) Spectrum Plots for RB configurations

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

2) MPR

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

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

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

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

3) A-MPR

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

4) LTE procedures for SAR testing

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

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

ii) QPSK with 50% RB allocation

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

iii) QPSK with 100% RB allocation

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

iv) Higher order modulations

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

B) Other channel bandwidth standalone SAR test requirements

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

5) TDD LTE test configuration

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

10.4 Wi-Fi Test Configuration

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

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

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

Notes:

√ = "default test channels"

△ = possible 802.11g channels with maximum average output 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)		35.00	33.98	34.63	34.81	-9.03	24.95	25.60	25.78
GPRS (GMSK)	1Tx slot	35.00	33.94	34.60	34.75	-9.03	24.91	25.57	25.72
	2Tx slots	34.00	32.88	33.64	33.84	-6.02	26.86	27.62	27.82
	3Tx slots	32.00	30.75	31.48	31.66	-4.26	26.49	27.22	27.40
	4Tx slots	30.50	29.40	30.21	30.38	-3.01	26.39	27.20	27.37
EGPRS (8PSK)	1Tx slot	35.00	34.07	34.74	34.95	-9.03	25.04	25.71	25.92
	2Tx slots	34.50	33.04	33.78	34.01	-6.02	27.02	27.76	27.99
	3Tx slots	32.00	30.91	31.63	31.83	-4.26	26.65	27.37	27.57
	4Tx slots	31.00	29.56	30.43	30.55	-3.01	26.55	27.42	27.54
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)		32.00	31.48	31.28	31.79	-9.03	22.45	22.25	22.76
GPRS (GMSK)	1Tx slot	32.00	31.41	31.64	31.73	-9.03	22.38	22.61	22.70
	2Tx slots	31.00	30.44	30.72	30.83	-6.02	24.42	24.70	24.81
	3Tx slots	29.00	28.19	28.50	28.69	-4.26	23.93	24.24	24.43
	4Tx slots	27.50	26.89	27.20	27.39	-3.01	23.88	24.19	24.38
EGPRS (8PSK)	1Tx slot	28.00	28.00	28.00	27.93	-9.03	18.97	18.97	18.90
	2Tx slots	28.00	27.79	27.76	27.79	-6.02	21.77	21.74	21.77
	3Tx slots	27.50	27.09	27.24	26.95	-4.26	22.83	22.98	22.69
	4Tx slots	26.50	26.39	26.19	26.50	-3.01	23.38	23.18	23.49

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		16.00	15.33	15.34	15.85
HSDPA	Subtest-1	15.50	15.02	13.75	12.24
	Subtest-2	15.50	12.67	15.31	13.64
	Subtest-3	16.00	11.98	12.44	15.85
	Subtest-4	14.50	14.32	12.82	12.70
HSUPA	Subtest-1	13.50	12.93	12.84	13.29
	Subtest-2	13.50	13.00	12.96	13.41
	Subtest-3	14.00	13.25	13.19	13.71
	Subtest-4	14.00	13.41	13.42	13.86
	Subtest-5	16.00	15.28	15.33	15.84
Mode		Maximum Tune-up(dBm)	WCDMA Band 4		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
			1712.4	1732.6	1752.6
RMC 12.2K		20.00	19.11	19.54	19.30
HSDPA	Subtest-1	20.00	19.63	18.20	17.24
	Subtest-2	20.00	17.10	19.87	18.41
	Subtest-3	20.50	17.77	17.24	20.01
	Subtest-4	19.50	19.01	17.59	17.82
HSUPA	Subtest-1	23.00	22.30	22.61	22.06
	Subtest-2	22.50	22.23	22.47	21.94
	Subtest-3	23.00	22.43	22.80	22.17
	Subtest-4	23.00	22.72	22.93	22.40
	Subtest-5	23.50	23.09	23.36	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		24.50	24.11	24.23	24.31
HSDPA	Subtest-1	23.50	23.02	21.84	20.38
	Subtest-2	23.50	20.43	23.35	23.01
	Subtest-3	23.50	22.15	21.83	23.35
	Subtest-4	23.00	22.95	22.16	21.68
HSUPA	Subtest-1	23.50	23.25	23.31	23.35
	Subtest-2	21.50	21.32	21.35	21.31
	Subtest-3	22.50	22.25	22.39	22.34
	Subtest-4	21.50	21.34	21.35	21.40
	Subtest-5	23.50	23.33	23.36	23.40

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
					1850.7MHz	1880.0MHz	1909.3MHz
1.4MHz	QPSK	1	0	23.50	23.00	23.09	22.96
			2	23.50	23.03	23.08	22.98
			5	23.50	22.98	23.09	22.97
		3	0	23.00	22.88	22.91	22.90
			2	23.00	22.83	22.85	22.88
			3	23.00	22.86	22.92	22.94
	16QAM	6	0	22.50	22.01	21.98	22.01
			0	22.50	21.98	22.24	22.28
			1	22.50	21.93	22.16	22.21
		3	5	22.50	21.98	22.18	22.28
			0	22.50	22.16	22.10	22.22
			2	22.50	22.14	22.10	22.23
3MHz	QPSK	1	3	22.50	22.16	22.08	22.23
			6	0	21.50	21.17	21.12
			0	21.50	21.17	21.12	21.19
		8	0	22.50	22.00	23.05	23.07
			7	23.50	22.99	23.05	23.06
			14	23.50	22.91	23.02	23.09
	16QAM	8	0	22.50	22.09	22.07	22.09
			4	22.50	22.06	22.04	22.07
			7	22.50	22.05	22.05	22.06
		15	0	22.50	22.08	22.05	22.11
			0	22.50	22.50	22.29	21.99
			7	22.50	22.48	22.27	21.95
5MHz	QPSK	1	14	22.50	22.49	22.28	21.96
			0	21.50	21.11	21.05	21.10
			4	21.50	21.07	21.05	21.08
		8	7	21.50	21.06	21.08	21.07
			0	21.50	21.09	20.99	21.16
			0	21.50	21.09	20.99	21.16
	16QAM	15	0	21.50	21.09	20.99	21.16
			0	21.50	21.09	20.99	21.16
			0	21.50	21.09	20.99	21.16
		25	0	22.50	22.17	21.12	20.19
			0	23.00	22.70	20.54	20.50
			0	23.00	22.71	20.48	20.46
10MHz	QPSK	1	24	23.50	23.11	22.17	20.13
			0	22.50	22.15	22.12	20.19
			6	22.50	22.12	21.08	20.12
		12	13	22.50	22.12	21.07	20.14
			0	22.50	22.17	21.12	20.19
			0	23.00	22.70	20.54	20.50
	16QAM	1	13	23.00	22.71	20.48	20.46
			24	23.00	22.71	20.50	20.50
			0	21.50	21.14	20.11	20.23
		12	6	21.50	21.12	20.07	20.17
			13	21.50	21.10	20.08	20.19
			0	21.50	21.10	20.11	20.16

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	20.50	20.18	20.24	20.24
			25	20.50	20.07	20.09	20.17
			49	20.50	20.14	20.13	20.22
		25	0	20.50	20.15	20.14	20.16
			13	20.50	20.11	20.07	20.09
			25	20.50	20.13	20.09	20.09
	16QAM	50	0	20.50	20.17	20.12	20.14
			0	21.00	20.64	20.40	20.08
			25	21.00	20.53	20.29	19.99
		1	49	21.00	20.63	20.31	20.07
			0	20.50	20.17	20.11	20.14
			13	20.50	20.11	20.07	20.08
15MHz	QPSK	25	25	20.50	20.14	20.09	20.08
			0	20.50	20.13	20.14	20.13
			0	20.50	20.13	20.14	20.13
		36	0	20.50	20.17	20.11	20.14
			18	20.50	20.13	20.12	20.15
			39	20.50	20.15	20.08	20.11
	16QAM	75	0	20.50	20.16	20.11	20.18
			0	21.00	20.65	20.47	20.21
			38	21.00	20.59	20.39	20.21
		1	74	21.00	20.66	20.32	20.22
			0	20.50	20.20	20.24	20.13
			18	20.50	20.18	20.21	20.14
20MHz	QPSK	36	39	20.50	20.18	20.17	20.13
			0	20.50	20.18	20.14	20.21
			0	20.50	20.18	20.14	20.21
	16QAM	75	0	20.50	20.18	20.14	20.21
			0	20.50	20.18	20.14	20.21
			0	20.50	20.18	20.14	20.21
20MHz	QPSK	1	0	20.50	20.29	20.45	20.30
			50	20.50	20.28	20.36	20.28
			99	20.50	20.28	20.29	20.32
		50	0	20.50	20.22	20.22	20.16
			25	20.50	20.21	20.19	20.21
			50	20.50	20.23	20.12	20.16
	16QAM	100	0	20.50	20.23	20.18	20.17
			0	21.00	20.67	20.63	20.51
			50	21.00	20.57	20.51	20.49
		1	99	21.00	20.55	20.49	20.55
			0	20.50	20.28	20.21	20.21
			25	20.50	20.25	20.16	20.25
20MHz	QPSK	50	50	20.50	20.28	20.11	20.21
			0	20.50	20.23	20.17	20.15
			0	20.50	20.23	20.17	20.15
	16QAM	100	0	20.50	20.23	20.17	20.15
			0	20.50	20.23	20.17	20.15
			0	20.50	20.23	20.17	20.15

11.1.4 Conducted Power of LTE Band 4

LTE-FDD Band 4				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		19957	20175	20393
					1710.7MHz	1732.5MHz	1754.3MHz
1.4MHz	QPSK	1	0	23.50	23.29	23.42	23.38
			2	23.50	23.32	23.43	23.36
			5	23.50	23.30	23.42	23.36
		3	0	23.50	23.20	23.23	23.32
			2	23.50	23.16	23.21	23.29
			3	23.50	23.17	23.24	23.30
	16QAM	6	0	22.50	22.21	22.28	22.32
		1	0	23.00	22.17	22.51	22.58
			2	23.00	22.10	22.42	22.51
			3	5	23.00	22.13	22.49
		0		23.00	22.32	22.42	22.54
		2		23.00	22.32	22.38	22.53
6	3	23.00	22.33	22.40	22.52		
	0	22.00	21.38	21.43	21.51		
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	19965	20175
1711.5MHz						1732.5MHz	1753.5MHz
3MHz	QPSK	1	0	23.50	23.29	23.35	20.45
			7	23.50	23.24	23.35	20.40
			14	23.50	23.19	23.33	20.46
		8	0	22.50	22.27	22.35	20.40
			4	22.50	22.22	22.33	20.35
			7	22.50	22.21	22.34	20.35
	16QAM	15	0	22.50	22.25	22.33	20.40
		1	0	23.00	22.66	22.59	20.28
			7	23.00	22.57	22.54	20.26
			14	23.00	22.58	22.17	20.25
		8	0	21.50	21.27	21.36	20.39
			4	21.50	21.23	21.33	20.37
15	7		21.50	21.22	21.27	20.37	
	0	21.50	21.25	20.31	20.43		
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	19975	20175
1712.5MHz						1732.5MHz	1752.5MHz
5MHz	QPSK	1	0	20.50	20.35	20.47	20.41
			13	20.50	20.31	20.40	20.39
			24	20.50	20.32	20.45	20.42
		12	0	20.50	20.31	20.39	20.44
			6	20.50	20.26	20.35	20.42
			13	20.50	20.27	20.34	20.39
	16QAM	25	0	20.50	20.32	20.44	20.47
		1	0	21.00	20.88	20.79	20.80
			13	21.00	20.80	20.78	20.81
			24	21.00	20.82	20.76	20.77
		12	0	20.50	20.32	20.38	20.48
			6	20.50	20.26	20.35	20.46
13	20.50		20.26	20.36	20.47		
25	0	20.50	20.26	20.44	20.41		

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	21.00	20.33	20.48	20.52
			25	20.50	20.19	20.37	20.41
			49	20.50	20.17	20.41	20.49
		25	0	20.50	20.29	20.38	20.39
			13	20.50	20.29	20.37	20.36
			25	20.50	20.29	20.38	20.37
	16QAM	50	0	20.50	20.31	20.38	20.40
			0	21.00	20.78	20.67	20.38
			25	21.00	20.64	20.56	20.24
		1	49	21.00	20.68	20.60	20.33
			0	20.50	20.29	20.38	20.40
			13	20.50	20.27	20.34	20.35
15MHz	QPSK	25	25	20.50	20.29	20.36	20.35
			0	20.50	20.31	20.41	20.38
			0	21.00	20.78	20.67	20.38
		1	25	21.00	20.64	20.56	20.24
			49	21.00	20.68	20.60	20.33
			0	20.50	20.29	20.38	20.40
	16QAM	25	13	20.50	20.27	20.34	20.35
			25	20.50	20.29	20.36	20.35
			0	20.50	20.31	20.41	20.38
		50	0	20.50	20.31	20.41	20.38
			0	21.00	20.78	20.67	20.38
			25	21.00	20.64	20.56	20.24
20MHz	QPSK	1	49	21.00	20.68	20.60	20.33
			0	20.50	20.29	20.38	20.40
			13	20.50	20.27	20.34	20.35
		25	25	20.50	20.29	20.36	20.35
			0	20.50	20.31	20.41	20.38
			0	21.00	20.78	20.67	20.38
	16QAM	1	25	21.00	20.64	20.56	20.24
			49	21.00	20.68	20.60	20.33
			0	20.50	20.29	20.38	20.40
		25	13	20.50	20.27	20.34	20.35
			25	20.50	20.29	20.36	20.35
			0	20.50	20.31	20.41	20.38

11.1.5 Conducted Power of LTE Band 5

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		20407	20525	20643	
					824.7MHz	836.5MHz	848.3MHz	
1.4MHz	QPSK	1	0	24.00	23.65	23.60	23.59	
			2	24.00	23.68	23.61	23.59	
			5	24.00	23.62	23.56	23.56	
		3	0	24.00	23.47	23.52	23.46	
			2	23.50	23.45	23.48	23.41	
			3	23.50	23.49	23.48	23.44	
	16QAM	6	0	23.00	22.51	22.52	22.46	
			1	0	23.00	22.69	22.76	22.38
				2	23.00	22.60	22.70	22.33
		3		5	23.00	22.68	22.77	22.37
			3	0	23.00	22.65	22.70	22.59
				2	23.00	22.59	22.65	22.55
6	3	23.00		22.64	22.70	22.58		
	0	22.00	21.78	21.83	21.73			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20415	20525	20635
825.5MHz						836.5MHz	847.5MHz	
3MHz	QPSK	1	0	24.00	23.57	23.60	23.58	
			7	24.00	23.54	23.62	23.64	
			14	24.00	23.51	23.58	23.59	
		8	0	23.00	22.53	22.58	22.54	
			4	23.00	22.51	22.57	22.50	
			7	23.00	22.50	22.55	22.48	
	16QAM	15	0	23.00	22.50	22.57	22.54	
			0	23.00	22.96	22.82	22.46	
			1	7	23.00	22.91	22.82	22.39
		14		23.00	22.90	22.79	22.39	
		8		0	22.00	21.65	21.74	21.67
			4	22.00	21.63	21.73	21.63	
7	22.00		21.64	21.73	21.59			
15	0	22.00	21.66	21.66	21.70			

LTE-FDD Band 5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20425	20525	20625
					826.5MHz	836.5MHz	846.5MHz
5MHz	QPSK	1	0	24.00	23.68	23.68	23.68
			13	24.00	23.66	23.67	23.69
			24	24.00	23.66	23.63	23.65
		12	0	23.00	22.60	22.64	22.63
			6	23.00	22.56	22.61	22.59
			13	23.00	22.56	22.61	22.56
	16QAM	25	0	23.00	22.65	22.67	22.65
		1	0	23.50	22.99	23.05	23.15
			13	23.50	22.95	23.06	23.13
			24	23.50	22.95	22.99	23.11
		12	0	22.00	21.68	21.82	21.74
			6	22.00	21.69	21.79	21.67
13	22.00		21.71	21.81	21.64		
25	0	22.00	21.74	21.76	21.67		
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	20450	20525	20600
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	24.00	23.71	23.72	23.82
			25	24.00	23.55	23.66	23.71
			49	24.00	23.71	23.72	23.76
		25	0	23.00	22.60	22.65	22.67
			13	23.00	22.58	22.64	22.61
			25	23.00	22.66	22.63	22.61
	16QAM	50	0	23.00	22.65	22.67	22.65
		1	0	23.50	23.14	22.90	22.65
			25	23.00	22.96	22.84	22.51
			49	23.50	23.15	22.92	22.59
		25	0	22.00	21.73	21.78	21.77
			13	22.00	21.73	21.75	21.71
25	22.00		21.79	21.75	21.67		
50	0	22.00	21.74	21.79	21.71		

11.1.6 Conducted Power of LTE Band 7

LTE-FDD Band 7				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20775 2502.5MHz	21100 2535.0MHz	21425 2567.5MHz
5MHz	QPSK	1	0	23.00	22.33	22.99	22.17
			13	23.50	22.32	23.04	22.09
			24	23.00	22.36	22.98	22.07
		12	0	22.00	21.27	21.91	21.18
			6	22.00	21.22	21.89	21.13
			13	22.00	21.26	21.91	21.12
	16QAM	25	0	22.00	21.30	21.96	21.15
			0	22.50	21.82	22.34	21.53
			13	22.50	21.80	22.37	20.51
		12	24	22.50	21.86	22.34	20.53
			0	21.00	20.29	20.90	20.25
			6	21.00	20.23	20.88	19.20
10MHz	QPSK	1	13	21.00	20.26	20.89	19.23
			25	21.00	20.23	20.94	19.18
		25	0	21.00	20.23	20.94	19.18
			0	23.00	22.33	22.93	19.42
			25	23.00	22.31	22.97	19.32
		25	49	22.50	22.43	22.00	19.27
			0	22.00	21.32	21.99	19.30
			13	21.50	21.33	20.96	19.23
	16QAM	50	25	21.50	21.40	20.99	19.20
			0	21.50	21.38	20.08	19.29
		1	0	22.00	21.76	20.10	19.27
			25	22.00	21.76	20.16	19.14
			49	22.00	21.89	20.18	19.10
		25	0	20.50	20.34	19.92	19.27
			13	20.50	20.36	19.95	19.21
			25	20.50	20.36	19.97	19.18
		50	0	20.50	20.34	19.96	19.24

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20825	21100	21375
					2057.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	20.00	19.27	19.84	19.63
			38	20.00	19.34	19.99	19.37
			74	20.00	19.44	19.93	19.23
		36	0	20.00	19.27	19.89	19.42
			18	20.00	19.31	19.91	19.26
			39	20.00	19.40	19.95	19.20
	16QAM	75	0	20.00	19.34	19.89	19.35
			0	20.50	19.73	20.06	19.69
			38	20.50	19.76	20.20	19.39
		36	74	20.50	19.92	20.14	19.28
			0	20.00	19.33	19.99	19.39
			18	20.50	19.36	20.01	19.24
20MHz	QPSK	39	0	20.50	19.45	20.03	19.19
			75	20.00	19.35	19.94	19.37
		100	0	21.350	21350	21100	21350
			2560.0MHz	2535.0MHz	2560.0MHz		
	16QAM	1	0	20.00	19.29	19.88	19.79
			50	20.50	19.40	20.05	19.41
			99	20.00	19.65	19.98	19.22
		50	0	20.00	19.36	19.94	19.63
			25	20.00	19.43	20.00	19.43
			50	20.00	19.53	19.98	19.32
	QPSK	100	0	20.00	19.40	19.92	19.45
			0	20.50	19.67	20.09	20.09
			50	20.50	19.74	20.26	19.64
	16QAM	1	99	20.50	20.00	20.17	19.51
			0	20.00	19.40	19.94	19.66
			25	20.00	19.47	19.98	19.46
	QPSK	50	50	20.00	19.57	19.96	19.34
			100	20.00	19.40	19.91	19.48
		100	0	20.00	19.40	19.91	19.48

11.1.7 Conducted Power of LTE Band 12

LTE-FDD Band 12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23017 699.7MHz	23095 707.5MHz	23173 715.5MHz
1.4MHz	QPSK	1	0	24.00	23.76	23.73	23.73
			2	24.00	23.74	23.73	23.77
			5	24.00	23.77	23.69	23.75
		3	0	24.00	23.57	23.63	23.63
			2	24.00	23.56	23.60	23.56
			3	24.00	23.61	23.65	23.65
	16QAM	6	0	23.00	22.80	22.72	22.79
		1	0	23.50	23.01	23.00	22.75
			2	23.00	22.94	22.97	22.69
			5	23.50	23.00	23.06	22.72
		3	0	23.00	22.92	22.94	22.94
			2	23.00	22.89	22.96	22.92
3MHz	QPSK	1	3	23.00	22.91	22.98	22.91
			6	22.00	21.94	21.91	21.97
		8	0	24.00	23.77	23.83	23.78
			7	24.00	23.79	23.85	23.73
			14	24.00	23.74	23.79	23.71
		15	0	23.00	22.86	22.80	22.92
			4	23.00	22.81	22.77	22.86
			7	23.00	22.78	22.79	22.87
	16QAM	1	0	23.00	22.82	22.84	22.86
			7	23.50	23.28	22.68	23.27
			14	23.50	23.17	22.73	23.22
		8	0	23.50	23.24	22.72	23.25
			0	22.00	21.88	21.82	21.90
			4	22.00	21.83	21.79	21.87
		15	7	22.00	21.82	21.81	21.88
			0	22.00	21.86	21.90	21.89

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	24.00	23.90	23.86	23.87
			13	24.00	23.90	23.85	23.91
			24	24.00	23.82	23.77	23.90
		12	0	23.00	22.88	22.85	22.95
			6	23.00	22.85	22.86	22.89
			13	23.00	22.85	22.86	22.88
	16QAM	25	0	23.00	22.92	22.90	22.99
			0	23.50	23.29	23.21	23.44
			13	23.50	23.21	23.25	23.40
		1	24	23.50	23.28	23.22	23.41
			0	22.00	21.85	21.89	21.94
			6	22.00	21.85	21.88	21.89
10MHz	QPSK	12	13	22.00	21.86	21.89	21.86
			0	22.00	21.92	21.86	21.91
			25	22.00	21.92	21.86	21.91
	16QAM	1	0	24.00	23.93	23.97	23.92
			25	24.00	23.85	23.93	23.79
			49	24.00	23.95	23.94	23.82
	QPSK	25	0	23.00	22.91	22.89	22.92
			13	23.00	22.87	22.86	22.88
			25	23.00	22.88	22.88	22.92
	16QAM	50	0	23.00	22.89	22.90	22.92
			0	23.50	22.92	22.85	23.36
			25	23.50	22.70	22.76	23.25
15MHz	QPSK	1	49	23.50	22.86	22.90	23.34
			0	22.00	21.87	21.86	21.93
			13	22.00	21.84	21.82	21.88
	16QAM	25	25	22.00	21.87	21.86	21.89
			0	22.00	21.86	21.86	21.90
			50	22.00	21.86	21.86	21.90

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	23.66	23.65	23.57
			13	24.00	23.67	23.64	23.54
			24	24.00	23.63	23.57	23.50
		12	0	23.00	22.67	22.66	22.62
			6	23.00	22.64	22.63	22.58
			13	23.00	22.63	22.59	22.59
	16QAM	25	0	23.00	22.71	22.68	22.63
		1	0	23.50	23.21	23.09	22.98
			13	23.50	23.21	23.03	22.92
			24	23.50	23.17	23.03	22.95
		12	0	22.00	21.67	21.63	21.68
			6	22.00	21.65	21.61	21.64
			13	22.00	21.61	21.58	21.66
		25	0	22.00	21.64	21.68	21.61
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23230		
10MHz	QPSK	1	0	24.00	782.0MHz		
			25	24.00	23.75		
			49	24.00	23.58		
		25	0	23.00	23.59		
			13	23.00	22.69		
			25	23.00	22.65		
	16QAM	50	0	23.00	22.64		
		1	0	23.50	22.68		
			25	23.50	23.23		
			49	23.50	23.05		
		25	0	22.00	23.11		
			13	22.00	21.70		
			25	22.00	21.63		
		50	0	22.00	21.66		
		50	0	22.00	21.66		

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	23.92	23.86	23.87
			13	24.00	23.97	23.95	23.83
			24	24.00	23.92	23.92	23.78
		12	0	23.00	22.85	22.90	22.93
			6	23.00	22.83	22.87	22.90
			13	23.00	22.88	22.87	22.89
	16QAM	25	0	23.00	22.90	22.92	22.91
			0	23.50	23.40	23.28	23.22
			13	23.50	23.40	23.25	23.21
		12	24	23.50	23.38	23.32	23.21
			0	22.00	21.84	21.87	21.95
			6	22.00	21.83	21.84	21.91
10MHz	QPSK	1	13	22.00	21.88	21.85	21.89
			25	22.00	21.84	21.92	21.87
			0	22.00	21.84	21.92	21.87
		25	0	23.00	22.88	22.88	22.88
			13	23.00	22.89	22.87	22.85
			25	23.00	22.90	22.88	22.88
		50	0	23.00	22.88	22.90	22.89
			0	23.50	23.36	23.07	22.86
			25	23.50	23.22	23.07	22.75
	16QAM	1	49	23.50	23.32	23.13	22.83
			0	22.00	21.91	21.86	21.88
			13	22.00	21.85	21.86	21.81
		25	25	22.00	21.89	21.87	21.85
			0	22.00	21.88	21.91	21.87
			0	22.00	21.88	21.91	21.87
		50	0	22.00	21.88	21.91	21.87
			0	22.00	21.88	21.91	21.87
			0	22.00	21.88	21.91	21.87

11.1.10 Conducted Power of LTE Band 38

LTE-TDD Band 38				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		37775 2572.5MHz	38000 2595.0MHz	38225 2617.5MHz
5MHz	QPSK	1	0	23.00	22.76	22.67	22.88
			13	23.00	22.80	22.75	22.87
			24	23.00	22.79	22.74	22.90
		12	0	22.00	21.74	21.73	21.70
			6	22.00	21.72	21.67	21.69
			13	22.00	21.77	21.71	21.70
	16QAM	25	0	22.00	21.81	21.74	21.75
			0	22.50	22.07	22.00	22.31
			13	22.50	22.11	22.12	22.32
		1	24	22.50	22.09	22.04	22.36
			0	21.00	20.79	20.80	20.72
			6	21.00	20.79	20.78	20.67
10MHz	QPSK	12	13	21.00	20.79	20.80	20.68
			0	21.00	20.87	20.74	20.69
		25	0	21.00	20.87	20.74	20.69
			0	22.50	22.32	21.91	21.82
			25	22.50	22.33	21.95	21.78
			49	22.50	22.35	21.98	21.79
	16QAM	25	0	21.00	20.86	20.75	20.71
			13	21.00	20.84	20.73	20.69
			25	21.00	20.83	20.73	20.67
		50	0	21.00	20.83	20.79	20.68
			0	22.50	22.33	21.95	21.78
			49	22.50	22.35	21.98	21.79

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	37825	38000	38175
					2577.5MHz	2595.0MHz	2612.5MHz
15MHz	QPSK	1	0	23.00	22.80	22.76	22.90
			38	23.00	22.83	22.78	22.82
			74	23.00	22.66	22.85	22.82
		36	0	22.00	21.75	21.70	21.73
			18	22.00	21.71	21.65	21.68
			39	22.00	21.69	21.73	21.69
	16QAM	1	0	22.00	21.76	21.72	21.73
			38	22.50	22.33	21.95	22.05
			74	22.50	22.29	22.03	21.94
		36	0	21.00	20.84	20.81	20.72
			18	21.00	20.82	20.79	20.68
			39	21.00	20.78	20.81	20.65
20MHz	QPSK	1	0	21.00	20.80	20.75	20.76
			50	23.00	22.77	22.72	22.82
			99	23.00	22.80	22.82	22.78
		50	0	23.00	22.72	22.87	22.74
			25	22.00	21.83	21.75	21.82
			50	22.00	21.76	21.75	21.76
	16QAM	1	0	22.00	21.71	21.77	21.74
			50	22.00	21.77	21.76	21.77
		50	0	22.50	22.10	21.89	22.17
			50	22.50	22.09	21.97	22.11
			99	22.50	22.07	22.01	22.09
		100	0	21.00	20.89	20.75	20.85
20MHz	QPSK	1	0	21.00	20.84	20.77	20.81
			25	21.00	20.84	20.77	20.81
			50	21.00	20.78	20.76	20.74
		50	0	21.00	20.78	20.76	20.74
			25	21.00	20.84	20.77	20.81
			50	21.00	20.78	20.76	20.74
20MHz	16QAM	1	0	21.00	20.81	20.76	20.77
			50	21.00	20.81	20.76	20.77
			99	21.00	20.81	20.76	20.77
		50	0	21.00	20.81	20.76	20.77
			25	21.00	20.81	20.76	20.77
			50	21.00	20.81	20.76	20.77

11.1.11 ConductePower of LTE Band 41

LTE-TDD Band 41				Maximum Tune- up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		39675 2498.5MHz	40160 2552.0MHz	40620 2593 MHz	41080 2639.5 MHz	41565 2687.5 MHz
5MHz	QPSK	1	0	23.00	22.80	22.39	22.98	22.32	22.66
			13	23.50	22.74	22.38	23.02	22.35	22.68
			24	23.50	22.78	22.41	23.04	22.35	22.65
		12	0	22.00	21.81	21.32	21.82	21.21	21.60
			6	22.00	21.77	21.28	21.79	21.18	21.57
			13	22.00	21.79	21.31	21.82	21.21	21.60
	16QAM	25	0	22.00	21.84	21.36	21.87	21.25	21.62
			0	22.50	22.11	21.79	22.47	21.74	22.00
			13	22.50	22.12	21.79	22.46	21.73	21.99
		1	24	23.00	22.15	21.84	22.53	21.77	22.00
			0	21.00	20.85	20.34	20.83	20.22	20.61
			6	21.00	20.81	20.31	20.81	20.20	20.58
		12	13	21.00	20.83	20.33	20.83	20.22	20.60
			0	21.00	20.80	20.32	20.83	20.23	20.63
		25	0	21.00	20.80	20.32	20.83	20.23	20.63
			0	21.00	20.80	20.32	20.83	20.23	20.63
			0	21.00	20.80	20.32	20.83	20.23	20.63
10MHz	QPSK	1	0	23.00	22.86	22.35	22.84	22.31	22.77
			25	23.00	22.91	22.42	22.92	22.31	22.70
			49	23.00	22.91	22.42	22.92	22.30	22.67
		25	0	22.00	21.86	21.34	21.82	21.26	21.70
			13	22.00	21.87	21.37	21.86	21.26	21.66
			25	22.00	21.91	21.38	21.85	21.25	21.64
	16QAM	50	0	22.00	21.87	21.36	21.85	21.28	21.70
			0	22.50	22.41	21.71	22.00	21.40	21.79
			25	22.50	22.38	21.72	22.06	21.38	21.69
		1	49	22.50	22.46	21.75	22.03	21.37	21.71
			0	21.00	20.87	20.34	20.80	20.25	20.69
			13	21.00	20.87	20.35	20.83	20.24	20.65
		25	25	21.00	20.91	20.37	20.83	20.23	20.63
			0	21.00	20.87	20.36	20.85	20.25	20.65
			0	21.00	20.87	20.36	20.85	20.25	20.65
			0	21.00	20.87	20.36	20.85	20.25	20.65

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	23.00	22.88	22.36	22.84	22.36	22.88
			38	23.00	22.91	22.44	22.96	22.39	22.82
			74	23.00	22.91	22.40	22.89	22.35	22.80
		36	0	22.00	21.82	21.31	21.79	21.26	21.72
			18	22.00	21.81	21.31	21.80	21.23	21.65
			39	22.00	21.87	21.35	21.83	21.24	21.65
		75	0	22.00	21.90	21.36	21.82	21.26	21.70
			0	22.50	22.44	21.76	22.08	21.52	21.96
			38	22.50	22.46	21.82	22.18	21.58	21.98
	16QAM	1	74	22.50	22.47	21.80	22.12	21.53	21.93
			0	21.00	20.89	20.39	20.88	20.29	20.70
			18	21.00	20.87	20.38	20.89	20.26	20.63
		36	39	21.00	20.91	20.41	20.90	20.27	20.64
			0	21.00	20.90	20.37	20.84	20.31	20.77
			75	0	21.00	20.90	20.37	20.84	20.31
		75	0	21.00	20.90	20.37	20.84	20.31	20.77
			0	21.00	20.90	20.37	20.84	20.31	20.77
			0	21.00	20.90	20.37	20.84	20.31	20.77
20MHz	QPSK	1	0	23.00	22.83	22.39	22.95	22.41	22.86
			50	23.00	22.93	22.46	22.98	22.40	22.81
			99	23.50	22.91	22.48	23.04	22.37	22.70
		50	0	22.00	21.92	21.41	21.89	21.35	21.80
			25	22.00	21.93	21.42	21.90	21.34	21.78
			50	22.00	21.97	21.45	21.92	21.32	21.72
		100	0	22.00	21.94	21.42	21.89	21.33	21.76
			0	22.50	22.23	21.68	22.12	21.66	22.19
			50	22.50	22.26	21.69	22.12	21.64	22.15
		1	99	22.50	22.29	21.73	22.17	21.60	22.03
			0	21.00	20.95	20.41	20.86	20.35	20.84
			25	21.00	20.98	20.42	20.86	20.34	20.81
	16QAM	50	50	21.00	21.00	20.44	20.88	20.33	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77
		100	0	21.00	20.97	20.42	20.87	20.32	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77
		1	0	21.00	20.97	20.42	20.87	20.32	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77
		50	0	21.00	20.97	20.42	20.87	20.32	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77
			0	21.00	20.97	20.42	20.87	20.32	20.77

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	21.00	20.49	20.34	20.57
			13	21.00	20.54	20.34	20.59
			24	21.00	20.48	20.36	20.59
		12	0	20.00	19.41	19.26	19.64
			6	20.00	19.39	19.25	19.57
			13	20.00	19.38	19.24	19.59
	16QAM	25	0	20.00	19.39	19.28	19.63
			0	20.50	20.04	19.62	19.92
			13	20.50	20.03	19.54	19.87
		12	24	20.50	20.01	19.63	19.95
			0	19.00	18.42	18.27	18.66
			6	19.00	18.35	18.27	18.65
10MHz	QPSK	1	13	19.00	18.38	18.25	18.63
			0	19.00	18.32	18.30	18.60
			25	19.00	18.32	18.30	18.60
		25	0	21.00	20.49	20.41	20.60
			25	21.00	20.38	20.30	20.65
			49	21.00	20.48	20.40	20.70
		50	0	20.00	19.40	19.29	19.54
			13	20.00	19.34	19.26	19.54
			25	20.00	19.38	19.34	19.65
	16QAM	1	0	20.00	19.37	19.33	19.58
			0	20.00	19.93	19.54	19.56
			25	20.00	19.83	19.46	19.54
		25	49	20.00	19.95	19.52	19.68
			0	19.00	18.40	18.28	18.54
			13	19.00	18.35	18.22	18.55
		50	25	19.00	18.38	18.30	18.63
			0	19.00	18.38	18.35	18.54
			0	19.00	18.38	18.35	18.54

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42165	42590	43015
					3457.5MHz	3500.0MHz	3542.5MHz
15MHz	QPSK	1	0	21.00	20.45	20.44	20.58
			38	21.00	20.43	20.38	20.73
			74	21.00	20.48	20.42	20.79
		36	0	20.00	19.43	19.35	19.54
			18	20.00	19.39	19.33	19.61
			39	20.00	19.42	19.38	19.66
	16QAM	75	0	20.00	19.44	19.38	19.59
			0	20.00	19.91	19.57	19.73
			38	20.00	19.90	19.54	19.85
		36	74	20.00	19.96	19.60	19.94
			0	19.00	18.48	18.45	18.55
			18	19.00	18.46	18.41	18.58
39	19.00	18.46	18.47	18.66			
	75	0	19.00	18.47	18.39	18.63	
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	42190	42590
3460.0MHz						3500.0MHz	3540.0MHz
20MHz	QPSK	1	0	21.00	20.47	20.51	20.48
			50	21.00	20.48	20.44	20.57
			99	21.00	20.52	20.48	20.70
		50	0	20.00	19.49	19.44	19.54
			25	20.00	19.50	19.44	19.61
			50	20.00	19.51	19.46	19.70
	16QAM	100	0	20.00	19.47	19.45	19.59
			0	20.00	19.79	19.68	19.69
			50	20.00	19.71	19.61	19.79
		50	99	20.00	19.74	19.67	19.89
			0	19.00	18.50	18.38	18.54
			25	19.00	18.52	18.41	18.61
100	50	19.00	18.56	18.44	18.70		
	0	19.00	18.50	18.44	18.57		

11.1.13 Conducted Power of LTE Band 66

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		131979	132322	132665	
					1710.7MHz	1745.0MHz	1779.3MHz	
1.4MHz	QPSK	1	0	23.50	23.07	23.21	23.25	
			2	23.50	23.11	23.22	23.25	
			5	23.50	23.08	23.23	23.23	
		3	0	23.50	22.96	23.15	23.14	
			2	23.50	22.94	23.14	23.15	
			3	23.50	22.96	23.15	23.13	
	16QAM	6	0	22.50	22.00	22.17	22.19	
			0	22.50	22.19	22.44	22.10	
			1	22.50	22.09	22.39	22.07	
		3	5	22.50	22.16	22.44	22.10	
			0	22.50	22.15	22.37	22.27	
			2	22.50	22.11	22.37	22.26	
3MHz	QPSK	1	3	22.50	22.12	22.37	22.27	
			6	0	21.50	21.15	21.34	21.34
			0	21.50	21.15	21.34	21.34	
		8	7	23.50	23.09	23.24	23.23	
			14	23.50	23.06	23.23	23.23	
			0	22.50	22.05	22.24	22.22	
	16QAM	4	22.50	22.05	22.23	22.19		
			7	22.50	22.06	22.24	22.16	
			0	22.50	22.06	22.22	22.21	
		1	0	22.50	22.44	22.48	22.13	
			7	22.50	22.41	22.44	22.04	
			14	22.50	22.41	22.44	22.07	
5MHz	QPSK	1	0	23.50	23.08	23.42	23.36	
			13	23.50	23.08	23.36	23.31	
			24	23.50	23.06	23.34	23.30	
		12	0	22.50	22.09	22.31	22.28	
			6	22.50	22.08	22.27	22.24	
			13	22.50	22.05	22.25	22.22	
	16QAM	25	0	22.50	22.14	22.33	22.30	
			0	23.00	22.39	22.86	22.67	
			13	23.00	22.36	22.78	22.58	
		1	24	23.00	22.39	22.83	22.68	
			0	21.50	21.18	21.32	21.26	
			6	21.50	21.15	21.26	21.23	
10MHz	QPSK	12	13	21.50	21.11	21.27	21.21	
			0	21.50	21.07	21.27	21.30	
			0	21.50	21.07	21.27	21.30	
		25	0	23.50	23.08	23.42	23.36	
			13	23.50	23.08	23.36	23.31	
			24	23.50	23.06	23.34	23.30	
	16QAM	12	0	22.50	22.09	22.31	22.28	
			6	22.50	22.08	22.27	22.24	
			13	22.50	22.05	22.25	22.22	
		25	0	22.50	22.14	22.33	22.30	
			0	23.00	22.39	22.86	22.67	
			13	23.00	22.36	22.78	22.58	

LTE-FDD Band 66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		132022 1715.0MHz	132322 1745.0MHz	132622 1775.0MHz
10MHz	QPSK	1	0	23.50	23.22	23.42	23.30
			25	23.50	23.08	23.26	23.22
			49	23.50	23.14	23.35	23.24
		25	0	22.50	22.11	22.32	22.30
			13	22.50	22.07	22.28	22.25
			25	22.50	22.11	22.28	22.24
	16QAM	50	0	22.50	22.11	22.31	22.25
			0	23.00	22.58	22.60	22.70
			25	23.00	22.43	22.44	22.60
		1	49	23.00	22.54	22.52	22.64
			0	21.50	21.13	21.31	21.28
			13	21.50	21.08	21.25	21.25
15MHz	QPSK	25	25	21.50	21.10	21.24	21.24
			0	21.50	21.09	21.32	21.25
			0	21.50	21.09	21.32	21.25
	16QAM	50	0	21.50	21.09	21.32	21.25
			0	21.50	21.09	21.32	21.25
			0	21.50	21.09	21.32	21.25
20MHz	QPSK	1	0	23.50	23.16	23.39	23.39
			38	23.50	23.11	23.35	23.38
			74	23.50	23.14	23.34	23.32
		36	0	22.50	22.08	22.32	22.33
			18	22.50	22.08	22.30	22.30
			39	22.50	22.06	22.26	22.27
	16QAM	75	0	22.50	22.10	22.30	22.30
			0	23.00	22.59	22.57	22.44
			38	23.00	22.48	22.53	22.40
		1	74	23.00	22.55	22.49	22.39
			0	21.50	21.15	21.39	21.29
			18	21.50	21.13	21.37	21.28
20MHz	QPSK	36	39	21.50	21.10	21.33	21.26
			0	21.50	21.12	21.33	21.35
			0	21.50	21.12	21.33	21.35
	16QAM	75	0	21.50	21.12	21.33	21.35
			0	21.50	21.12	21.33	21.35
			0	21.50	21.12	21.33	21.35
20MHz	QPSK	1	0	23.50	23.13	23.45	23.37
			50	23.50	23.11	23.44	23.37
			99	23.50	23.15	23.38	23.30
		50	0	22.50	22.18	22.39	22.35
			25	22.50	22.15	22.34	22.35
			50	22.50	22.19	22.29	22.33
	16QAM	100	0	22.50	22.18	22.34	22.33
			0	23.00	22.48	22.76	22.59
			50	23.00	22.46	22.69	22.56
		1	99	23.00	22.51	22.70	22.44
			0	21.50	21.20	21.43	21.31
			25	21.50	21.17	21.39	21.31
20MHz	QPSK	50	50	21.50	21.20	21.34	21.30
			0	21.50	21.17	21.34	21.31
			0	21.50	21.17	21.34	21.31
	16QAM	100	0	21.50	21.17	21.34	21.31
			0	21.50	21.17	21.34	21.31
			0	21.50	21.17	21.34	21.31

11.1.14 Conducted Power of NR n5

NR n5				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		165800	167300	168800
					829.0MHz	836.5MHz	844.0MHz
10MHz	DFT_BPSK	1@1	LOW	25.00	24.92	24.65	24.64
	DFT_QPSK	24@0	LOW	24.00	23.80	23.78	23.63
	DFT_QPSK	12@6	LOW	25.00	24.85	24.75	24.62
	DFT_QPSK	1@1	LOW	25.50	24.55	25.03	24.66
	DFT_QPSK	1@22	LOW	25.00	24.70	24.97	24.67
	DFT_QAM16	1@1	LOW	24.50	23.52	24.02	23.96
	DFT_QAM64	1@1	LOW	22.50	22.15	22.44	21.82
	DFT_QAM256	1@1	LOW	20.50	20.22	20.21	20.50
CP_QPSK	1@1	LOW	24.00	23.75	23.67	23.01	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	166300	167300	168300
					831.5MHz	836.5MHz	841.5MHz
15MHz	DFT_BPSK	1@1	LOW	25.00	24.91	24.91	24.78
	DFT_QPSK	36@0	LOW	24.00	23.84	23.80	23.74
	DFT_QPSK	18@9	LOW	25.00	24.77	24.85	24.73
	DFT_QPSK	1@1	LOW	25.00	24.76	24.88	24.48
	DFT_QPSK	1@36	LOW	25.00	24.72	24.81	24.30
	DFT_QAM16	1@1	LOW	24.50	23.92	23.78	24.11
	DFT_QAM64	1@1	LOW	23.00	22.19	22.70	22.53
	DFT_QAM256	1@1	LOW	20.50	19.99	20.49	20.43
	CP_QPSK	1@1	LOW	24.00	22.94	23.53	23.59
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	25.00	24.74	24.72	24.83
	DFT_QPSK	50@0	LOW	24.00	23.79	23.79	23.75
	DFT_QPSK	25@12	LOW	25.00	24.88	24.81	24.79
	DFT_QPSK	1@1	LOW	25.00	24.66	24.86	24.89
	DFT_QPSK	1@49	LOW	25.00	24.57	24.66	24.69
	DFT_QAM16	1@1	LOW	24.00	23.93	23.61	23.73
	DFT_QAM64	1@1	LOW	22.50	22.31	22.08	22.50
	DFT_QAM256	1@1	LOW	21.00	20.21	20.07	20.55
	CP_QPSK	1@1	LOW	24.00	23.42	23.62	23.42

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	24.00	23.82	23.09	23.27
	DFT_QPSK	24@0	LOW	23.50	22.94	23.00	23.17
	DFT_QPSK	12@6	LOW	24.00	23.93	23.05	23.12
	DFT_QPSK	1@1	LOW	24.00	23.89	23.05	23.10
	DFT_QPSK	1@22	LOW	24.50	24.02	23.02	23.42
	DFT_QAM16	1@1	LOW	23.50	23.20	23.16	22.30
	DFT_QAM64	1@1	LOW	22.00	21.01	21.37	21.99
	DFT_QAM256	1@1	LOW	20.50	19.71	19.48	20.11
	CP_QPSK	1@1	LOW	23.00	22.73	22.45	22.93
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	22.50	21.80	21.95	22.14
	DFT_QPSK	36@0	LOW	22.50	22.07	22.06	22.16
	DFT_QPSK	18@9	LOW	22.50	22.06	22.02	22.19
	DFT_QPSK	1@1	LOW	22.50	21.47	22.01	22.12
	DFT_QPSK	1@36	LOW	22.50	22.03	21.82	22.14
	DFT_QAM16	1@1	LOW	22.50	22.14	21.90	21.96
	DFT_QAM64	1@1	LOW	22.00	21.51	21.52	21.40
	DFT_QAM256	1@1	LOW	19.50	19.44	19.40	19.40
	CP_QPSK	1@1	LOW	23.00	21.71	22.63	22.47
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	502000	507000	512000
					2510.0MHz	2535.0MHz	2560.0MHz
20MHz	DFT_BPSK	1@1	LOW	22.00	21.82	21.99	21.97
	DFT_QPSK	50@0	LOW	22.50	22.08	22.00	22.18
	DFT_QPSK	25@12	LOW	22.50	22.14	22.05	22.18
	DFT_QPSK	1@1	LOW	22.50	21.90	22.30	22.06
	DFT_QPSK	1@49	LOW	22.50	22.30	22.11	22.17
	DFT_QAM16	1@1	LOW	22.50	21.79	22.21	22.50
	DFT_QAM64	1@1	LOW	22.00	21.42	21.87	21.38
	DFT_QAM256	1@1	LOW	20.00	19.47	19.64	19.44
	CP_QPSK	1@1	LOW	22.50	21.81	22.30	21.89

11.1.16 ConductdPower of NR n12

NR n12				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		140800	141500	142200
					704.0MHz	707.5MHz	711.0MHz
5MHz	DFT_BPSK	1@1	LOW	22.50	22.11	21.86	22.01
	DFT_QPSK	25@0	LOW	22.50	22.05	21.99	22.08
	DFT_QPSK	12@6	LOW	22.50	22.15	22.02	22.07
	DFT_QPSK	1@1	LOW	22.50	22.36	22.26	22.03
	DFT_QPSK	1@23	LOW	22.50	22.36	21.94	22.07
	DFT_QAM16	1@1	LOW	22.50	21.84	22.30	22.35
	DFT_QAM64	1@1	LOW	22.50	21.92	22.16	21.69
	DFT_QAM256	1@1	LOW	21.00	20.45	20.36	20.82
CP_QPSK	1@1	LOW	22.50	22.43	22.34	22.45	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	140800	141500	142200
					704.0MHz	707.5MHz	711.0MHz
10MHz	DFT_BPSK	1@1	LOW	22.50	22.16	22.05	22.02
	DFT_QPSK	50@0	LOW	22.50	22.06	22.02	22.08
	DFT_QPSK	25@12	LOW	22.50	22.04	22.08	22.04
	DFT_QPSK	1@1	LOW	22.50	22.29	22.01	21.68
	DFT_QPSK	1@50	LOW	22.50	22.14	21.93	21.67
	DFT_QAM16	1@1	LOW	22.50	22.16	21.81	22.01
	DFT_QAM64	1@1	LOW	22.50	22.02	21.75	22.03
	DFT_QAM256	1@1	LOW	21.00	20.55	20.75	20.19
	CP_QPSK	1@1	LOW	22.50	22.00	22.00	21.71
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	141300	141500	141700
					706.5MHz	707.5MHz	708.8MHz
15MHz	DFT_BPSK	1@1	LOW	22.50	21.95	22.16	22.49
	DFT_QPSK	75@0	LOW	22.50	22.05	22.06	22.07
	DFT_QPSK	36@18	LOW	22.50	22.06	22.06	22.00
	DFT_QPSK	1@1	LOW	22.50	22.03	22.19	22.39
	DFT_QPSK	1@77	LOW	22.50	21.96	22.14	22.38
	DFT_QAM16	1@1	LOW	22.50	21.92	22.07	22.44
	DFT_QAM64	1@1	LOW	23.00	22.08	21.89	22.54
	DFT_QAM256	1@1	LOW	21.50	20.42	20.45	21.08
	CP_QPSK	1@1	LOW	23.00	22.47	22.66	22.04

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	24.50	24.41	24.41	24.34
	DFT_QPSK	24@0	LOW	23.50	23.44	23.43	23.28
	DFT_QPSK	12@6	LOW	25.00	24.54	24.51	24.31
	DFT_QPSK	1@1	LOW	24.50	24.45	24.28	24.48
	DFT_QPSK	1@22	LOW	25.00	24.22	24.27	24.53
	DFT_QAM16	1@1	LOW	23.50	23.35	23.44	23.15
	DFT_QAM64	1@1	LOW	22.50	22.03	21.78	21.58
	DFT_QAM256	1@1	LOW	20.00	19.95	19.97	19.41
	CP_QPSK	1@1	LOW	23.50	22.71	23.19	23.17
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	24.50	24.35	24.31	24.32
	DFT_QPSK	36@0	LOW	23.50	23.48	23.48	23.40
	DFT_QPSK	18@9	LOW	24.50	24.39	24.38	24.39
	DFT_QPSK	1@1	LOW	24.50	24.45	24.32	24.34
	DFT_QPSK	1@36	LOW	24.50	24.47	24.37	24.30
	DFT_QAM16	1@1	LOW	24.00	23.16	23.42	23.61
	DFT_QAM64	1@1	LOW	22.50	22.02	21.96	22.07
	DFT_QAM256	1@1	LOW	20.50	20.03	19.72	19.63
	CP_QPSK	1@1	LOW	23.50	23.17	23.15	23.00
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	522500	519000	522000
					2580.0MHz	2595.0MHz	2610.0MHz
20MHz	DFT_BPSK	1@1	LOW	24.50	24.38	24.24	24.29
	DFT_QPSK	50@0	LOW	23.50	23.37	23.42	23.40
20MHz	DFT_QPSK	25@12	LOW	24.50	24.46	24.43	24.37
	DFT_QPSK	1@1	LOW	24.50	24.36	24.24	24.33
	DFT_QPSK	1@49	LOW	24.50	24.45	24.31	24.34
	DFT_QAM16	1@1	LOW	24.00	23.59	23.29	23.26
	DFT_QAM64	1@1	LOW	22.00	21.78	21.95	21.96
	DFT_QAM256	1@1	LOW	20.00	19.83	19.92	19.73
	CP_QPSK	1@1	LOW	23.50	22.58	23.17	22.75

11.1.18 Conducted Power of NR n41

NR n41				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		501204	518598	535998
					2506.0MHz	2593.0MHz	2680.0MHz
20MHz	DFT_BPSK	1@1	LOW	24.50	24.13	24.41	24.33
	DFT_QPSK	50@0	LOW	23.50	23.29	23.44	23.23
	DFT_QPSK	25@12	LOW	24.50	24.30	24.48	24.27
	DFT_QPSK	1@1	LOW	24.50	24.03	24.33	24.21
	DFT_QPSK	1@49	LOW	24.50	24.14	24.18	24.17
	DFT_QAM16	1@1	LOW	23.50	23.31	23.20	23.06
	DFT_QAM64	1@1	LOW	22.00	21.52	21.71	21.68
	DFT_QAM256	1@1	LOW	20.50	19.70	19.84	20.03
	CP_QPSK	1@1	LOW	23.00	22.79	22.90	22.72
50MHz	DFT_BPSK	1@1	LOW	24.50	23.98	24.35	24.40
	DFT_QPSK	128@0	LOW	24.00	23.30	23.52	23.37
	DFT_QPSK	64@32	LOW	24.50	24.31	24.47	24.28
	DFT_QPSK	1@1	LOW	24.50	24.04	24.27	24.32
	DFT_QPSK	1@131	LOW	24.50	24.22	24.32	24.08
	DFT_QAM16	1@1	LOW	24.00	23.08	23.58	23.39
	DFT_QAM64	1@1	LOW	22.00	21.78	21.80	21.76
	DFT_QAM256	1@1	LOW	20.00	19.63	19.95	19.57
	CP_QPSK	1@1	LOW	23.00	22.49	22.75	22.69
100MHz	DFT_BPSK	1@1	LOW	24.50	24.31	24.36	24.45
	DFT_QPSK	270@0	LOW	23.50	23.48	23.49	23.40
	DFT_QPSK	135@67	LOW	24.50	24.34	24.48	24.36
	DFT_QPSK	1@1	LOW	24.50	24.23	24.34	24.36
	DFT_QPSK	1@271	LOW	24.50	24.46	24.34	24.04
	DFT_QAM16	1@1	LOW	24.00	23.29	23.36	23.79
	DFT_QAM64	1@1	LOW	22.00	21.61	21.75	21.66
	DFT_QAM256	1@1	LOW	20.00	19.69	19.72	19.81
	CP_QPSK	1@1	LOW	23.50	22.98	23.37	23.46

11.1.19 Conducted Power of NR n66

NR n66				Maximum Tune- up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		343000 1715.0MHz	349000 1745.0MHz	355000 1775.0MHz
10MHz	DFT_BPSK	1@1	LOW	24.50	22.23	24.33	24.06
	DFT_QPSK	24@0	LOW	23.50	22.00	23.13	23.11
	DFT_QPSK	12@6	LOW	24.50	22.02	24.19	24.12
	DFT_QPSK	1@1	LOW	24.50	21.99	24.13	24.30
	DFT_QPSK	1@22	LOW	24.50	22.16	24.15	24.34
	DFT_QAM16	1@1	LOW	23.50	21.99	23.36	23.42
	DFT_QAM64	1@1	LOW	22.00	21.35	21.83	21.64
	DFT_QAM256	1@1	LOW	20.50	19.47	20.04	19.68
	CP_QPSK	1@1	LOW	23.50	21.81	23.22	22.07
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	24.50	23.88	24.05	24.12
	DFT_QPSK	50@0	LOW	23.50	23.04	23.10	23.10
	DFT_QPSK	25@12	LOW	24.50	24.05	24.08	24.11
	DFT_QPSK	1@1	LOW	24.50	23.85	24.12	24.17
	DFT_QPSK	1@49	LOW	24.50	23.97	24.16	24.24
	DFT_QAM16	1@1	LOW	23.50	23.11	23.01	23.04
	DFT_QAM64	1@1	LOW	22.00	21.40	21.30	21.73
	DFT_QAM256	1@1	LOW	20.00	19.31	19.35	19.72
	CP_QPSK	1@1	LOW	23.00	22.56	22.80	22.55
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	346000 1730.0MHz	349000 1745.0MHz	352000 1760.0MHz
40MHz	DFT_BPSK	1@1	LOW	24.50	23.99	24.15	24.21
	DFT_QPSK	100@0	LOW	23.50	23.18	23.20	23.23
	DFT_QPSK	50@25	LOW	24.50	24.22	24.24	24.23
	DFT_QPSK	1@1	LOW	24.50	24.12	24.15	24.23
	DFT_QPSK	1@104	LOW	24.50	24.15	24.18	24.08
	DFT_QAM16	1@1	LOW	24.00	23.11	23.51	23.19
	DFT_QAM64	1@1	LOW	22.00	21.78	21.48	21.59
	DFT_QAM256	1@1	LOW	20.00	19.65	19.65	19.32
	CP_QPSK	1@1	LOW	23.00	22.63	22.61	22.65

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	26.00	25.85	25.92	25.81
	DFT_QPSK	24@0	LOW	25.00	24.74	24.98	24.78
	DFT_QPSK	12@6	LOW	26.50	25.85	26.08	25.77
	DFT_QPSK	1@1	LOW	26.50	25.99	26.18	25.76
	DFT_QPSK	1@22	LOW	26.50	26.03	26.21	25.83
	DFT_QAM16	1@1	LOW	25.50	24.66	25.15	25.13
	DFT_QAM64	1@1	LOW	24.00	23.11	23.87	22.93
	DFT_QAM256	1@1	LOW	22.00	21.66	21.63	21.62
	CP_QPSK	1@1	LOW	25.00	24.30	24.54	24.46
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	26.50	25.85	26.12	26.05
	DFT_QPSK	128@0	LOW	25.50	25.06	25.19	25.03
	DFT_QPSK	64@32	LOW	26.50	26.14	26.20	26.07
	DFT_QPSK	1@1	LOW	26.50	25.84	26.06	26.00
	DFT_QPSK	1@131	LOW	26.50	26.14	25.91	25.80
	DFT_QAM16	1@1	LOW	25.50	24.89	25.15	24.94
	DFT_QAM64	1@1	LOW	24.00	23.35	23.71	23.55
	DFT_QAM256	1@1	LOW	22.00	21.25	21.87	21.55
	CP_QPSK	1@1	LOW	25.00	24.14	24.84	24.61
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	26.00	25.80		
	DFT_QPSK	270@0	LOW	25.50	25.05		
	DFT_QPSK	135@67	LOW	26.50	26.23		
	DFT_QPSK	1@1	LOW	26.00	25.69		
	DFT_QPSK	1@271	LOW	26.00	25.76		
	DFT_QAM16	1@1	LOW	25.00	24.88		
	DFT_QAM64	1@1	LOW	23.50	23.25		
	DFT_QAM256	1@1	LOW	21.50	21.42		
	CP_QPSK	1@1	LOW	24.50	24.28		

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	26.50	25.82	26.11	25.59
	DFT_QPSK	24@0	LOW	25.00	24.74	24.92	24.52
	DFT_QPSK	12@6	LOW	26.50	25.67	26.03	25.56
	DFT_QPSK	1@1	LOW	26.00	25.77	25.96	25.58
	DFT_QPSK	1@22	LOW	26.00	25.65	25.93	25.53
	DFT_QAM16	1@1	LOW	25.50	25.12	25.03	24.56
	DFT_QAM64	1@1	LOW	24.00	22.93	23.55	23.40
	DFT_QAM256	1@1	LOW	22.00	21.58	21.50	21.43
	CP_QPSK	1@1	LOW	25.00	24.41	24.54	24.88
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	26.00	25.84	25.76	25.68
	DFT_QPSK	128@0	LOW	25.00	24.90	24.97	24.73
	DFT_QPSK	64@32	LOW	26.50	25.87	26.02	25.69
	DFT_QPSK	1@1	LOW	26.00	25.76	25.72	25.79
	DFT_QPSK	1@131	LOW	26.00	25.91	25.78	25.62
	DFT_QAM16	1@1	LOW	25.00	24.68	24.88	24.35
	DFT_QAM64	1@1	LOW	23.50	23.29	23.22	23.05
	DFT_QAM256	1@1	LOW	21.50	21.30	21.39	21.15
	CP_QPSK	1@1	LOW	24.50	24.28	24.24	24.26
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	26.00	25.83	25.65	25.84
	DFT_QPSK	270@0	LOW	25.00	24.90	24.91	24.90
	DFT_QPSK	135@67	LOW	26.00	25.96	25.95	25.90
	DFT_QPSK	1@1	LOW	26.00	25.76	25.74	25.78
	DFT_QPSK	1@271	LOW	26.00	25.87	25.73	25.66
	DFT_QAM16	1@1	LOW	25.50	24.74	24.70	25.17
	DFT_QAM64	1@1	LOW	23.50	23.29	23.44	23.18
	DFT_QAM256	1@1	LOW	22.00	21.55	21.45	21.46
	CP_QPSK	1@1	LOW	24.50	24.16	24.25	24.28

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	656000	665000
					3705.0MHz	3890.0MHz	3975.0MHz
10MHz	DFT_BPSK	1@1	LOW	26.00	25.66	25.93	25.66
	DFT_QPSK	24@0	LOW	25.00	24.52	24.93	24.73
	DFT_QPSK	12@6	LOW	26.50	25.63	26.05	25.77
	DFT_QPSK	1@1	LOW	26.00	25.58	25.95	25.66
	DFT_QPSK	1@22	LOW	26.50	25.54	26.03	25.79
	DFT_QAM16	1@1	LOW	25.00	24.42	24.94	24.65
	DFT_QAM64	1@1	LOW	24.00	23.07	23.72	22.88
	DFT_QAM256	1@1	LOW	22.00	21.03	21.72	21.15
	CP_QPSK	1@1	LOW	25.00	24.22	24.56	24.11
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	648334	656000	663666
					3725.0MHz	3890.0MHz	3955.0MHz
	DFT_BPSK	1@1	LOW	26.00	25.49	25.75	25.89
50MHz	DFT_QPSK	128@0	LOW	25.00	24.72	25.00	24.84
	DFT_QPSK	64@32	LOW	26.50	25.81	26.07	25.83
	DFT_QPSK	1@1	LOW	26.00	25.51	25.82	25.80
	DFT_QPSK	1@131	LOW	26.50	25.64	26.07	26.09
	DFT_QAM16	1@1	LOW	25.00	24.66	24.50	24.67
	DFT_QAM64	1@1	LOW	23.50	22.96	23.18	23.34
	DFT_QAM256	1@1	LOW	22.00	21.14	21.22	21.55
		CP_QPSK	1@1	LOW	24.50	23.91	24.25
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000	656000	662000
					3750.0MHz	3890.0MHz	3930.0MHz
100MHz	DFT_BPSK	1@1	LOW	26.50	25.50	25.81	26.13
	DFT_QPSK	270@0	LOW	25.50	24.81	25.08	24.97
	DFT_QPSK	135@67	LOW	26.00	25.84	26.00	25.99
	DFT_QPSK	1@1	LOW	26.50	25.58	25.80	26.12
	DFT_QPSK	1@271	LOW	26.50	25.89	26.08	25.96
	DFT_QAM16	1@1	LOW	25.50	24.54	25.19	25.04
	DFT_QAM64	1@1	LOW	24.00	23.22	23.17	23.56
	DFT_QAM256	1@1	LOW	21.50	21.21	21.39	21.36
		CP_QPSK	1@1	LOW	25.00	24.03	24.27

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	26.50	26.08	26.08	25.85
	DFT_QPSK	24@0	LOW	25.50	25.08	25.07	24.89
	DFT_QPSK	12@6	LOW	26.50	26.10	26.06	25.94
	DFT_QPSK	1@1	LOW	26.50	26.10	26.00	25.83
	DFT_QPSK	1@22	LOW	26.50	25.93	26.04	26.05
	DFT_QAM16	1@1	LOW	26.00	25.55	25.13	24.85
	DFT_QAM64	1@1	LOW	24.00	23.66	23.61	23.67
	DFT_QAM256	1@1	LOW	22.00	21.96	21.66	21.65
	CP_QPSK	1@1	LOW	25.00	24.68	24.59	24.45
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	26.50	25.79	26.12	26.02
	DFT_QPSK	128@0	LOW	25.50	25.06	25.22	25.06
	DFT_QPSK	64@32	LOW	26.50	26.15	26.15	26.10
	DFT_QPSK	1@1	LOW	26.50	25.75	26.11	26.04
	DFT_QPSK	1@131	LOW	26.50	26.01	26.03	25.98
	DFT_QAM16	1@1	LOW	25.50	24.73	25.26	24.71
	DFT_QAM64	1@1	LOW	24.00	23.37	23.60	23.40
	DFT_QAM256	1@1	LOW	22.00	21.31	21.75	21.51
	CP_QPSK	1@1	LOW	25.00	24.35	24.69	24.66
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	633334 3500.0MHz		
100MHz	DFT_BPSK	1@1	LOW	26.50		25.87	
	DFT_QPSK	270@0	LOW	25.50		25.07	
	DFT_QPSK	135@67	LOW	26.50		26.16	
	DFT_QPSK	1@1	LOW	26.50		25.78	
	DFT_QPSK	1@271	LOW	26.50		25.93	
	DFT_QAM16	1@1	LOW	25.50		24.75	
	DFT_QAM64	1@1	LOW	24.00		23.35	
	DFT_QAM256	1@1	LOW	22.00		21.65	
	CP_QPSK	1@1	LOW	25.00		24.22	

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 3560.0MHz	641666 3625.0MHz	646332 3695.0MHz
10MHz	DFT_BPSK	1@1	LOW	26.00	25.84	25.85	25.55
	DFT_QPSK	24@0	LOW	25.00	24.87	24.91	24.48
	DFT_QPSK	12@6	LOW	26.50	26.03	25.86	25.51
	DFT_QPSK	1@1	LOW	26.00	25.87	25.83	25.68
	DFT_QPSK	1@22	LOW	26.00	25.56	25.76	25.61
	DFT_QAM16	1@1	LOW	25.00	24.97	24.72	24.23
	DFT_QAM64	1@1	LOW	23.50	23.26	23.36	22.87
	DFT_QAM256	1@1	LOW	21.50	21.36	21.41	20.65
	CP_QPSK	1@1	LOW	24.50	24.47	24.41	23.86
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	638334 3575.0MHz	641666 3625.0MHz	645000 3675.0MHz
50MHz	DFT_BPSK	1@1	LOW	26.00	26.00	25.82	25.69
	DFT_QPSK	128@0	LOW	25.50	25.01	24.91	24.73
	DFT_QPSK	64@32	LOW	26.00	25.99	25.98	25.72
	DFT_QPSK	1@1	LOW	26.00	25.95	25.86	25.67
	DFT_QPSK	1@131	LOW	26.50	26.09	25.73	25.56
	DFT_QAM16	1@1	LOW	25.50	24.88	24.83	25.06
	DFT_QAM64	1@1	LOW	24.00	23.47	23.56	23.01
	DFT_QAM256	1@1	LOW	22.00	21.73	21.61	21.32
	CP_QPSK	1@1	LOW	24.50	24.33	24.44	24.12
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	640000 3600.0MHz	641666 3625.0MHz	641332 3650.0MHz
100MHz	DFT_BPSK	1@1	LOW	26.00	25.89	25.72	25.88
	DFT_QPSK	128@0	LOW	25.00	24.97	24.91	24.87
	DFT_QPSK	64@32	LOW	26.50	26.09	25.95	25.88
	DFT_QPSK	1@1	LOW	26.00	25.91	25.74	25.84
	DFT_QPSK	1@131	LOW	26.00	25.84	25.55	25.49
	DFT_QAM16	1@1	LOW	25.00	24.91	24.76	24.75
	DFT_QAM64	1@1	LOW	23.50	23.30	23.37	23.42
	DFT_QAM256	1@1	LOW	21.50	21.26	21.45	21.35
	CP_QPSK	1@1	LOW	24.50	24.33	24.38	24.50

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	26.00	25.54	25.55	25.81
	DFT_QPSK	24@0	LOW	25.00	24.47	24.62	24.80
	DFT_QPSK	12@6	LOW	26.00	25.49	25.71	25.83
	DFT_QPSK	1@1	LOW	26.00	25.30	25.80	25.80
	DFT_QPSK	1@22	LOW	26.00	25.79	25.86	25.92
	DFT_QAM16	1@1	LOW	25.50	24.45	24.78	25.19
	DFT_QAM64	1@1	LOW	23.50	22.73	23.39	22.89
	DFT_QAM256	1@1	LOW	22.00	21.12	21.15	21.56
	CP_QPSK	1@1	LOW	24.50	23.89	24.15	24.49
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	26.00	25.61	25.73	25.73
	DFT_QPSK	128@0	LOW	25.00	24.73	24.90	24.86
	DFT_QPSK	64@32	LOW	26.00	25.77	25.81	25.84
	DFT_QPSK	1@1	LOW	26.00	25.64	25.68	25.67
	DFT_QPSK	1@131	LOW	26.00	25.81	25.81	25.85
	DFT_QAM16	1@1	LOW	25.00	24.68	24.65	24.59
	DFT_QAM64	1@1	LOW	23.50	23.02	23.23	23.19
	DFT_QAM256	1@1	LOW	21.50	20.87	21.38	21.14
	CP_QPSK	1@1	LOW	24.50	23.98	24.28	24.15
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune- up(dBm)	650000		
					3750.0MHz		
100MHz	DFT_BPSK	1@1	LOW	25.50		25.39	
	DFT_QPSK	270@0	LOW	25.00		24.72	
	DFT_QPSK	135@67	LOW	26.00		25.76	
	DFT_QPSK	1@1	LOW	25.50		25.39	
	DFT_QPSK	1@271	LOW	26.00		25.86	
	DFT_QAM16	1@1	LOW	25.00		24.53	
	DFT_QAM64	1@1	LOW	23.00		22.89	
	DFT_QAM256	1@1	LOW	21.00		20.98	
	CP_QPSK	1@1	LOW	24.00		23.68	

11.1.26 Conducted Power of Wi-Fi 2.4G

MAIN ANT1

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	22.40	22.20	21.98
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	24.70	24.31	24.34
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	25.53	25.15	25.30
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	24.31	23.83	23.85
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	25.13	24.57	24.57
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	25.21	24.69	24.61

AUX ANT2

Mode	802.11b		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	22.29	22.16	21.88
Mode	802.11g		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	24.70	24.24	24.29
Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	25.65	25.17	25.19
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	24.22	23.81	23.63
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	24.78	24.45	24.57
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	24.83	24.60	24.45

MIMO Mode

Mode	802.11n(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	28.60	28.17	28.26
Mode	802.11n(HT40)		
Channel/Frequency(MHz)	3(2452)	6(2437)	9(2452)
Average Power(dBm)	27.28	26.83	26.75
Mode	802.11ax(HT20)		
Channel/Frequency(MHz)	1(2412)	6(2437)	11(2462)
Average Power(dBm)	27.97	27.52	27.58
Mode	802.11ax(HT40)		
Channel/Frequency(MHz)	3(2422)	6(2437)	9(2452)
Average Power(dBm)	28.03	27.66	27.54

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	6.00 ±1.0	5.88	No
		48	5240	9.00 ±1.0	8.54	No
	802.11n-HT20	36	5180	8.00 ±1.0	7.73	No
		48	5240	9.50 ±1.0	9.40	Yes
	802.11n-HT40	38	5190	5.50 ±1.0	5.12	No
		46	5230	6.00 ±1.0	5.76	No
	802.11ac-VHT20	36	5180	7.00 ±1.0	6.55	No
		48	5240	7.00 ±1.0	6.55	No
	802.11ac-VHT40	38	5190	5.50 ±1.0	5.04	No
		46	5230	6.00 ±1.0	5.65	No
	802.11ac-VHT80	42	5210	4.50 ±1.0	4.30	No
	802.11ax-HT20	36	5180	4.50 ±1.0	4.50	No
		48	5240	6.50 ±1.0	6.12	No
	802.11ax-HT40	38	5190	4.50 ±1.0	4.38	No
		46	5230	6.00 ±1.0	5.51	No
	802.11ax-HT80	42	5210	4.00 ±1.0	3.74	No
Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2a (5250-5350)	802.11a	52	5260	9.00	8.59	No
		64	5320	10.50	10.03	No
	802.11n-HT20	52	5260	10.50	10.27	No
		64	5320	11.00	10.79	Yes
	802.11n-HT40	54	5270	7.00	6.78	No
		62	5310	7.50	7.24	No
	802.11ac-VHT20	52	5260	7.00	6.93	No
		64	5320	9.00	8.97	No
	802.11ac-VHT40	54	5270	7.00	6.78	No
		62	5310	8.00	7.90	No
	802.11ac-VHT80	58	5290	8.50	8.18	No
		52	5260	7.00	6.75	No
	802.11ax-HT20	64	5320	8.00	7.62	No
		54	5270	6.50	6.17	No
	802.11ax-HT40	62	5310	9.50	9.40	No
		58	5290	4.50	4.28	No

Band	Mode	Channel	Frequency (MHz)	Tune-up	Average Power(dBm)	SAR Test(Yes/No)
U-NII-2c (5470-5725)	802.11a	100	5500	13.00	12.64	No
		140	5700	13.50	13.11	No
	802.11n-HT20	100	5500	14.00	13.78	Yes
		140	5700	12.00	11.66	No
	802.11n-HT40	102	5510	11.00	10.62	No
		134	5670	11.00	10.96	No
	802.11ac-VHT20	100	5500	12.00	11.73	No
		140	5700	12.50	12.10	No
	802.11ac-VHT40	102	5510	10.50	10.34	No
		134	5670	11.50	11.36	No
	802.11ac-VHT80	106	5530	9.50	9.25	No
		122	5610	10.50	10.14	No
	802.11ax-HT20	100	5500	11.50	11.09	No
		140	5700	11.00	10.92	No
	802.11ax-HT40	102	5510	10.50	10.45	No
		134	5670	11.00	10.55	No
U-NII-3 (5725-5825)	802.11a	106	5530	8.00	7.57	No
		122	5610	9.50	9.13	No
	802.11a	149	5745	11.50	11.28	No
		165	5825	10.00	9.95	No
	802.11n-HT20	149	5745	12.00	11.94	No
		165	5825	11.00	10.82	No
	802.11n-HT40	151	5755	11.00	10.81	No
		159	5795	11.00	10.80	No
	802.11ac-VHT20	149	5745	13.00	12.70	Yes
		165	5825	12.50	12.27	No
	802.11ac-VHT40	151	5755	12.00	11.76	No
		159	5795	12.00	11.63	No
	802.11ac-VHT80	155	5775	11.00	10.79	No
		149	5745	12.50	12.09	No
	802.11ax-HT20	165	5825	12.00	11.89	No
		151	5755	12.00	11.62	No
	802.11ax-HT40	159	5795	12.00	11.51	No
		155	5775	9.50	9.15	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	10.00	9.57	9.70	9.81
	π/4QPSK	9.50	8.74	8.67	9.30
	8DPSK	9.00	8.70	8.55	8.98
BLE	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	19	39
			2402MHz	2440MHz	2480MHz
	1Mbps	-1.00	-1.99	-1.07	-1.82
	2Mbps	-1.00	-1.87	-1.06	-1.63

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:

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

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

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 =35.00 ±1.0dBm
		1TXslots Max output power =35.00 ±1.0dBm
		2TXslots Max output power =34.00 ±1.0dBm
		3TXslots Max output power =32.00 ±1.0dBm
	EGPRS (8-PSK)	4TXslots Max output power =30.50 ±1.0dBm
		1TXslots Max output power =35.00 ±1.0dBm
		2TXslots Max output power =34.50 ±1.0dBm
		3TXslots Max output power =32.00 ±1.0dBm
GSM1900	GSM/GPRS (GMSK)	4TXslots Max output power =31.00 ±1.0dBm
		GSM Max output power =32.00 ±1.0dBm
		1TXslots Max output power =32.00 ±1.0dBm
		2TXslots Max output power =31.00 ±1.0dBm
	EGPRS (8-PSK)	3TXslots Max output power =29.00 ±1.0dBm
		4TXslots Max output power =27.50 ±1.0dBm
		1TXslots Max output power =28.00 ±1.0dBm
		2TXslots Max output power =28.00 ±1.0dBm
WCDMA 2		3TXslots Max output power =27.50 ±1.0dBm
WCDMA 4		4TXslots Max output power =26.50 ±1.0dBm
WCDMA 5		Max output power =16.00±1.0dBm
LTE B2		Max output power =23.50±1.0dBm
LTE B4		Max output power =24.50±1.0dBm
LTE B5		Max output power =23.50±1.0dBm
LTE B7		Max output power =24.00±1.0dBm
LTE B12		Max output power =23.50±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 =23.00±1.0dBm
LTE B41		Max output power =23.50±1.0dBm
LTE B42		Max output power =21.00±1.0dBm
LTE B66		Max output power =23.50±1.0dBm
NR n5		Max output power =25.00±1.0dBm
NR n7		Max output power =24.50±1.0dBm
NR n12		Max output power =23.00±1.0dBm
NR n38		Max output power =25.00±1.0dBm
NR n41		Max output power =24.50±1.0dBm
NR n66		Max output power =24.50±1.0dBm
NR n77		Max output power =26.50±1.0dBm
NR n77		Max output power =26.50±1.0dBm
NR n77		Max output power =26.50±1.0dBm
NR n78		Max output power =26.50±1.0dBm
NR n78		Max output power =26.50±1.0dBm
NR n78		Max output power =26.00±1.0dBm

Band	Tune-up power tolerance(dBm)			
WIFI	2.4G	MAIN ANT1	802.11b	Max output power =22.50±1.0dBm
			802.11g	Max output power =25.00±1.0dBm
			802.11n (HT20)	Max output power =22.00±1.0dBm
			802.11n (HT40)	Max output power =26.00±1.0dBm
			802.11ax (HT20)	Max output power =25.50±1.0dBm
			802.11ax (HT40)	Max output power =25.50±1.0dBm
		AUX ANT2	802.11b	Max output power =22.50±1.0dBm
			802.11g	Max output power =25.00±1.0dBm
			802.11n (HT20)	Max output power =26.00±1.0dBm
			802.11n (HT40)	Max output power =24.50±1.0dBm
			802.11ax (HT20)	Max output power =25.00±1.0dBm
			802.11ax (HT40)	Max output power =25.00±1.0dBm
	MIMO Mode	802.11n (HT20)	Max output power =29.00±1.0dBm	
		802.11n (HT40)	Max output power =27.50±1.0dBm	
		802.11ax (HT20)	Max output power =28.50±1.0dBm	
		802.11ax (HT40)	Max output power =28.50±1.0dBm	
	U-NII-1(5150-5250)	802.11n-HT20	Max output power =9.50±1.0dBm	
	U-NII-2a(5250-5350)	802.11n-HT20	Max output power =11.00±1.0dBm	
	U-NII-2c(5470-5725)	802.11n-HT20	Max output power =14.00±1.0dBm	
	U-NII-3(5725-5825)	802.11ac-VHT20	Max output power =13.00±1.0dBm	
BT	GFSK mode		Max output power =10.00±1.0dBm	
	Pi/4DQPSK mode		Max output power =9.50±1.0dBm	
	8DPSK mode		Max output power =9.00±1.0dBm	
BLE	1Mbps Power		Max output power =-1.00±1.0dBm	
	2Mbps Power		Max output power =-1.00±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	251	848.8	0.040	0.157	100	1.00	34.95	35.00	1.012	0.159
	Left Tilt	251	848.8	-0.020	0.043	100	1.00	34.95	35.00	1.012	0.043
	Right Cheek	251	848.8	-0.150	0.177	100	1.00	34.95	35.00	1.012	0.179
	Right Tilt	251	848.8	0.110	0.047	100	1.00	34.95	35.00	1.012	0.048
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 850+4slots	Front	251	848.8	0.110	0.247	100	1.00	34.95	35.00	1.012	0.250
	Back	251	848.8	-0.050	0.376	100	1.00	34.95	35.00	1.012	0.380
	Left	251	848.8	-0.160	0.666	100	1.00	34.95	35.00	1.012	0.674
	Right	251	848.8	0.130	0.027	100	1.00	34.95	35.00	1.012	0.027
	Top	251	848.8	0.070	0.015	100	1.00	34.95	35.00	1.012	0.015
	Bottom	251	848.8	-0.090	0.006	100	1.00	34.95	35.00	1.012	0.006

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GSM 1900 (voice)	Left Cheek	810	1909.8	0.130	0.040	100	1.00	31.79	32.00	1.050	0.042
	Left Tilt	810	1909.8	0.010	0.015	100	1.00	31.79	32.00	1.050	0.016
	Right Cheek	810	1909.8	0.190	0.060	100	1.00	31.79	32.00	1.050	0.063
	Right Tilt	810	1909.8	-0.190	0.020	100	1.00	31.79	32.00	1.050	0.021
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
GPRS 1900+4slots	Front	810	1909.8	0.070	0.393	100	1.00	31.79	32.00	1.050	0.412
	Back	810	1909.8	-0.010	0.515	100	1.00	31.79	32.00	1.050	0.541
	Left	810	1909.8	0.130	0.155	100	1.00	31.79	32.00	1.050	0.163
	Right	810	1909.8	0.010	0.093	100	1.00	31.79	32.00	1.050	0.098
	Top	810	1909.8	0.160	0.022	100	1.00	31.79	32.00	1.050	0.023
	Bottom	810	1909.8	0.030	0.811	100	1.00	31.79	32.00	1.050	0.851

11.4.2 Results overview of WCDMA

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Left Cheek	9538	1907.6	-0.110	0.078	100	1.00	15.86	16.00	1.033	0.081
	Left Tilt	9538	1907.6	-0.060	0.037	100	1.00	15.86	16.00	1.033	0.038
	Right Cheek	9538	1907.6	0.010	0.045	100	1.00	15.86	16.00	1.033	0.046
	Right Tilt	9538	1907.6	-0.180	0.034	100	1.00	15.86	16.00	1.033	0.035
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 2 (RMC*)	Front	9538	1907.6	-0.030	0.825	100	1.00	15.86	16.00	1.033	0.852
	Back	9538	1907.6	-0.050	0.985	100	1.00	15.86	16.00	1.033	1.017
	Left	9538	1907.6	0.030	0.881	100	1.00	15.86	16.00	1.033	0.910
	Right	9538	1907.6	-0.180	0.614	100	1.00	15.86	16.00	1.033	0.634
	Top	9538	1907.6	0.180	0.009	100	1.00	15.86	16.00	1.033	0.009
	Bottom	9538	1907.6	-0.090	1.140	100	1.00	15.86	16.00	1.033	1.177
	Bottom	9538	1907.6	-0.010	1.061	100	1.00	15.86	16.00	1.033	1.096

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
WCDMA Band 2	9538	Bottom	1.140	1.061	1.07

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

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Left Cheek	1413	1732.6	-0.040	0.040	100	1.00	23.36	23.50	1.033	0.041
	Left Tilt	1413	1732.6	0.090	0.042	100	1.00	23.36	23.50	1.033	0.043
	Right Cheek	1413	1732.6	0.050	0.033	100	1.00	23.36	23.50	1.033	0.034
	Right Tilt	1413	1732.6	0.020	0.026	100	1.00	23.36	23.50	1.033	0.027
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 4 (RMC*)	Front	1413	1732.6	0.010	0.707	100	1.00	23.36	23.50	1.033	0.730
	Back	1413	1732.6	-0.010	0.844	100	1.00	23.36	23.50	1.033	0.872
	Left	1413	1732.6	0.020	0.759	100	1.00	23.36	23.50	1.033	0.784
	Right	1413	1732.6	-0.140	0.511	100	1.00	23.36	23.50	1.033	0.528
	Top	1413	1732.6	-0.190	0.008	100	1.00	23.36	23.50	1.033	0.008
	Bottom	1413	1732.6	-0.010	1.080	100	1.00	23.36	23.50	1.033	1.115
	Bottom	1413	1732.6	0.050	0.987	100	1.00	23.36	23.50	1.033	1.019

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
WCDMA Band 4	1413	Bottom	1.080	0.987	1.09

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

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Left Cheek	4233	846.6	0.050	0.233	100	1.00	24.31	24.50	1.045	0.243
	Left Tilt	4233	846.6	-0.120	0.537	100	1.00	24.31	24.50	1.045	0.561
	Right Cheek	4233	846.6	-0.100	0.132	100	1.00	24.31	24.50	1.045	0.138
	Right Tilt	4233	846.6	0.000	0.000	100	1.00	24.31	24.50	1.045	0.000
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
WCDMA Band 5 (RMC*)	Front	4233	846.6	0.170	0.454	100	1.00	24.31	24.50	1.045	0.474
	Back	4233	846.6	-0.170	0.517	100	1.00	24.31	24.50	1.045	0.540
	Left	4233	846.6	0.060	0.600	100	1.00	24.31	24.50	1.045	0.627
	Right	4233	846.6	0.150	0.210	100	1.00	24.31	24.50	1.045	0.219
	Top	4233	846.6	-0.030	0.023	100	1.00	24.31	24.50	1.045	0.024
	Bottom	4233	846.6	0.000	0.007	100	1.00	24.31	24.50	1.045	0.007

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	18900	1880.0	0.190	0.013	100	1.00	23.17	23.50	1.079	0.014
		Left Tilt	18900	1880.0	0.010	0.012	100	1.00	23.17	23.50	1.079	0.013
		Right Cheek	18900	1880.0	0.190	0.015	100	1.00	23.17	23.50	1.079	0.016
		Right Tilt	18900	1880.0	0.120	0.015	100	1.00	23.17	23.50	1.079	0.016
	50%RB	Left Cheek	18900	1880.0	0.060	0.011	100	1.00	23.17	23.50	1.079	0.012
		Left Tilt	18900	1880.0	0.130	0.010	100	1.00	23.17	23.50	1.079	0.011
		Right Cheek	18900	1880.0	0.010	0.012	100	1.00	23.17	23.50	1.079	0.013
		Right Tilt	18900	1880.0	-0.120	0.012	100	1.00	23.17	23.50	1.079	0.013
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 2 (BW: 20MHz)	1RB	Front	18900	1880.0	0.130	0.585	100	1.00	23.17	23.50	1.079	0.631
		Back	18900	1880.0	-0.010	0.762	100	1.00	23.17	23.50	1.079	0.822
		Left	18900	1880.0	-0.030	0.244	100	1.00	23.17	23.50	1.079	0.263
		Right	18900	1880.0	0.180	0.150	100	1.00	23.17	23.50	1.079	0.162
		Top	18900	1880.0	0.120	0.013	100	1.00	23.17	23.50	1.079	0.014
		Bottom	18900	1880.0	0.010	0.518	100	1.00	23.17	23.50	1.079	0.559
	50%RB	Front	18900	1880.0	0.110	0.448	100	1.00	23.17	23.50	1.079	0.483
		Back	18900	1880.0	0.020	0.601	100	1.00	23.17	23.50	1.079	0.648
		Left	18900	1880.0	0.150	0.201	100	1.00	23.17	23.50	1.079	0.217
		Right	18900	1880.0	0.050	0.137	100	1.00	23.17	23.50	1.079	0.148
		Top	18900	1880.0	-0.010	0.010	100	1.00	23.17	23.50	1.079	0.011
		Bottom	18900	1880.0	0.000	0.401	100	1.00	23.17	23.50	1.079	0.433

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20175	1732.5	0.190	0.014	100	1.00	23.43	23.50	1.016	0.014
		Left Tilt	20175	1732.5	0.190	0.013	100	1.00	23.43	23.50	1.016	0.013
		Right Cheek	20175	1732.5	-0.190	0.020	100	1.00	23.43	23.50	1.016	0.020
		Right Tilt	20175	1732.5	0.080	0.014	100	1.00	23.43	23.50	1.016	0.014
	50%RB	Left Cheek	20175	1732.5	0.120	0.011	100	1.00	23.43	23.50	1.016	0.011
		Left Tilt	20175	1732.5	0.010	0.010	100	1.00	23.43	23.50	1.016	0.010
		Right Cheek	20175	1732.5	-0.030	0.015	100	1.00	23.43	23.50	1.016	0.015
		Right Tilt	20175	1732.5	0.140	0.011	100	1.00	23.43	23.50	1.016	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)
Band 4 (BW: 20MHz)	1RB	Front	20175	1732.5	0.100	0.482	100	1.00	23.43	23.50	1.016	0.490
		Back	20175	1732.5	-0.050	0.627	100	1.00	23.43	23.50	1.016	0.637
		Left	20175	1732.5	0.030	0.201	100	1.00	23.43	23.50	1.016	0.204
		Right	20175	1732.5	0.060	0.121	100	1.00	23.43	23.50	1.016	0.123
		Top	20175	1732.5	-0.020	0.011	100	1.00	23.43	23.50	1.016	0.011
		Bottom	20175	1732.5	0.140	0.450	100	1.00	23.43	23.50	1.016	0.457
	50%RB	Front	20175	1732.5	0.130	0.374	100	1.00	23.43	23.50	1.016	0.380
		Back	20175	1732.5	0.170	0.514	100	1.00	23.43	23.50	1.016	0.522
		Left	20175	1732.5	0.010	0.137	100	1.00	23.43	23.50	1.016	0.139
		Right	20175	1732.5	-0.130	0.102	100	1.00	23.43	23.50	1.016	0.104
		Top	20175	1732.5	0.060	0.008	100	1.00	23.43	23.50	1.016	0.008
		Bottom	20175	1732.5	0.030	0.381	100	1.00	23.43	23.50	1.016	0.387

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20600	844.0	0.190	0.849	100	1.00	23.82	24.00	1.042	0.885
		Left Tilt	20600	844.0	0.200	0.227	100	1.00	23.82	24.00	1.042	0.237
		Right Cheek	20600	844.0	0.010	0.952	100	1.00	23.82	24.00	1.042	0.992
		Right Tilt	20600	844.0	0.080	0.287	100	1.00	23.82	24.00	1.042	0.299
	50%RB	Right Cheek	20600	844.0	0.010	0.933	100	1.00	23.82	24.00	1.042	0.972
		Left Cheek	20600	844.0	0.120	0.661	100	1.00	23.82	24.00	1.042	0.689
		Left Tilt	20600	844.0	0.050	0.186	100	1.00	23.82	24.00	1.042	0.194
		Right Cheek	20600	844.0	0.130	0.743	100	1.00	23.82	24.00	1.042	0.774
Band 5 (BW: 10MHz)	1RB	Right Tilt	20600	844.0	0.010	0.221	100	1.00	23.82	24.00	1.042	0.230
	50%RB	Front	20600	844.0	0.120	0.537	100	1.00	23.82	24.00	1.042	0.560
		Back	20600	844.0	-0.010	0.612	100	1.00	23.82	24.00	1.042	0.638
		Left	20600	844.0	0.060	0.996	100	1.00	23.82	24.00	1.042	1.038
	50%RB	Right	20600	844.0	-0.150	0.427	100	1.00	23.82	24.00	1.042	0.445
		Top	20600	844.0	0.010	0.027	100	1.00	23.82	24.00	1.042	0.028
		Bottom	20600	844.0	0.050	0.015	100	1.00	23.82	24.00	1.042	0.016
		Left	20600	844.0	0.050	0.968	100	1.00	23.82	24.00	1.042	1.009
Band 5 (BW: 10MHz)	1RB	Front	20600	844.0	-0.010	0.411	100	1.00	23.82	24.00	1.042	0.428
		Back	20600	844.0	0.160	0.465	100	1.00	23.82	24.00	1.042	0.485
	50%RB	Left	20600	844.0	0.150	0.742	100	1.00	23.82	24.00	1.042	0.773
		Right	20600	844.0	0.060	0.361	100	1.00	23.82	24.00	1.042	0.376
	50%RB	Top	20600	844.0	0.010	0.020	100	1.00	23.82	24.00	1.042	0.021
		Bottom	20600	844.0	0.030	0.013	100	1.00	23.82	24.00	1.042	0.014

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
Band 5	20600	Right Cheek	0.952	0.933	1.02
	20600	Left	0.996	0.968	1.03

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

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 7 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	0.190	0.081	100	1.00	23.04	23.50	1.112	0.090
		Left Tilt	21100	2535.0	0.160	0.045	100	1.00	23.04	23.50	1.112	0.050
		Right Cheek	21100	2535.0	-0.190	0.053	100	1.00	23.04	23.50	1.112	0.059
		Right Tilt	21100	2535.0	0.190	0.039	100	1.00	23.04	23.50	1.112	0.043
	50%RB	Left Cheek	21100	2535.0	0.070	0.062	100	1.00	23.04	23.50	1.112	0.069
		Left Tilt	21100	2535.0	-0.050	0.034	100	1.00	23.04	23.50	1.112	0.038
		Right Cheek	21100	2535.0	-0.030	0.040	100	1.00	23.04	23.50	1.112	0.044
Band 7 (BW: 20MHz)	50%RB	Right Tilt	21100	2535.0	0.160	0.029	100	1.00	23.04	23.50	1.112	0.032
		Front	21100	2535.0	0.150	0.461	100	1.00	23.04	23.50	1.112	0.513
		Back	21100	2535.0	0.020	0.596	100	1.00	23.04	23.50	1.112	0.663
		Left	21100	2535.0	0.130	0.190	100	1.00	23.04	23.50	1.112	0.211
		Right	21100	2535.0	0.090	0.121	100	1.00	23.04	23.50	1.112	0.135
		Top	21100	2535.0	0.070	0.009	100	1.00	23.04	23.50	1.112	0.010
		Bottom	21100	2535.0	0.010	0.423	100	1.00	23.04	23.50	1.112	0.470
Band 7 (BW: 20MHz)	50%RB	Front	21100	2535.0	-0.090	0.357	100	1.00	23.04	23.50	1.112	0.397
		Back	21100	2535.0	0.120	0.463	100	1.00	23.04	23.50	1.112	0.515
		Left	21100	2535.0	0.110	0.172	100	1.00	23.04	23.50	1.112	0.191
		Right	21100	2535.0	0.070	0.087	100	1.00	23.04	23.50	1.112	0.097
		Top	21100	2535.0	0.180	0.006	100	1.00	23.04	23.50	1.112	0.007
		Bottom	21100	2535.0	0.120	0.353	100	1.00	23.04	23.50	1.112	0.392

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 12 (BW: 10MHz)	1RB	Left Cheek	23095	707.5	0.050	0.181	100	1.00	23.97	24.00	1.007	0.182
		Left Tilt	23095	707.5	-0.050	0.137	100	1.00	23.97	24.00	1.007	0.138
		Right Cheek	23095	707.5	0.008	0.451	100	1.00	23.97	24.00	1.007	0.454
		Right Tilt	23095	707.5	-0.110	0.336	100	1.00	23.97	24.00	1.007	0.338
	50%RB	Left Cheek	23095	707.5	0.080	0.178	100	1.00	23.97	24.00	1.007	0.179
		Left Tilt	23095	707.5	-0.030	0.134	100	1.00	23.97	24.00	1.007	0.135
		Right Cheek	23095	707.5	0.070	0.443	100	1.00	23.97	24.00	1.007	0.446
Band 12 (BW: 10MHz)	50%RB	Right Tilt	23095	707.5	0.140	0.331	100	1.00	23.97	24.00	1.007	0.333
		Front	23095	707.5	-0.140	0.391	100	1.00	23.97	24.00	1.007	0.394
		Back	23095	707.5	0.010	0.466	100	1.00	23.97	24.00	1.007	0.469
		Left	23095	707.5	0.010	0.660	100	1.00	23.97	24.00	1.007	0.665
		Right	23095	707.5	-0.080	0.141	100	1.00	23.97	24.00	1.007	0.142
		Top	23095	707.5	0.080	0.193	100	1.00	23.97	24.00	1.007	0.194
		Bottom	23095	707.5	0.070	0.091	100	1.00	23.97	24.00	1.007	0.092
Band 12 (BW: 10MHz)	50%RB	Front	23095	707.5	0.010	0.385	100	1.00	23.97	24.00	1.007	0.388
		Back	23095	707.5	-0.080	0.462	100	1.00	23.97	24.00	1.007	0.465
		Left	23095	707.5	0.020	0.654	100	1.00	23.97	24.00	1.007	0.659
		Right	23095	707.5	-0.150	0.162	100	1.00	23.97	24.00	1.007	0.163
		Top	23095	707.5	0.040	0.206	100	1.00	23.97	24.00	1.007	0.207
		Bottom	23095	707.5	0.190	0.084	100	1.00	23.97	24.00	1.007	0.085

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.140	0.184	100	1.00	23.75	24.00	1.059	0.195
		Left Tilt	23230	782.0	0.020	0.069	100	1.00	23.75	24.00	1.059	0.073
		Right Cheek	23230	782.0	0.060	0.243	100	1.00	23.75	24.00	1.059	0.257
		Right Tilt	23230	782.0	-0.010	0.189	100	1.00	23.75	24.00	1.059	0.200
	50%RB	Left Cheek	23230	782.0	0.160	0.179	100	1.00	23.75	24.00	1.059	0.190
		Left Tilt	23230	782.0	0.080	0.065	100	1.00	23.75	24.00	1.059	0.069
		Right Cheek	23230	782.0	-0.070	0.239	100	1.00	23.75	24.00	1.059	0.253
		Right Tilt	23230	782.0	0.130	0.185	100	1.00	23.75	24.00	1.059	0.196
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 13 (BW: 10MHz)	1RB	Front	23230	782.0	0.319	0.319	100	1.00	23.75	24.00	1.059	0.338
		Back	23230	782.0	0.353	0.353	100	1.00	23.75	24.00	1.059	0.374
		Left	23230	782.0	0.712	0.712	100	1.00	23.75	24.00	1.059	0.754
		Right	23230	782.0	0.179	0.179	100	1.00	23.75	24.00	1.059	0.190
		Top	23230	782.0	0.155	0.155	100	1.00	23.75	24.00	1.059	0.164
		Bottom	23230	782.0	0.071	0.071	100	1.00	23.75	24.00	1.059	0.075
	50%RB	Front	23230	782.0	0.314	0.314	100	1.00	23.75	24.00	1.059	0.333
		Back	23230	782.0	0.349	0.349	100	1.00	23.75	24.00	1.059	0.370
		Left	23230	782.0	0.693	0.693	100	1.00	23.75	24.00	1.059	0.734
		Right	23230	782.0	0.183	0.183	100	1.00	23.75	24.00	1.059	0.194
		Top	23230	782.0	0.162	0.162	100	1.00	23.75	24.00	1.059	0.172
		Bottom	23230	782.0	0.079	0.079	100	1.00	23.75	24.00	1.059	0.084

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	23800	711.0	0.050	0.408	100	1.00	23.99	24.00	1.002	0.409
		Left Tilt	23800	711.0	0.010	0.148	100	1.00	23.99	24.00	1.002	0.148
		Right Cheek	23800	711.0	0.100	0.460	100	1.00	23.99	24.00	1.002	0.461
		Right Tilt	23800	711.0	-0.140	0.171	100	1.00	23.99	24.00	1.002	0.171
	50%RB	Left Cheek	23800	711.0	-0.010	0.397	100	1.00	23.99	24.00	1.002	0.398
		Left Tilt	23800	711.0	0.020	0.142	100	1.00	23.99	24.00	1.002	0.142
		Right Cheek	23800	711.0	-0.160	0.455	100	1.00	23.99	24.00	1.002	0.456
		Right Tilt	23800	711.0	0.080	0.165	100	1.00	23.99	24.00	1.002	0.165
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 17 (BW: 10MHz)	1RB	Front	23800	711.0	-0.160	0.460	100	1.00	23.99	24.00	1.002	0.461
		Back	23800	711.0	-0.030	0.511	100	1.00	23.99	24.00	1.002	0.512
		Left	23800	711.0	0.000	0.677	100	1.00	23.99	24.00	1.002	0.679
		Right	23800	711.0	0.100	0.169	100	1.00	23.99	24.00	1.002	0.169
		Top	23800	711.0	-0.020	0.164	100	1.00	23.99	24.00	1.002	0.164
		Bottom	23800	711.0	0.010	0.060	100	1.00	23.99	24.00	1.002	0.060
	50%RB	Front	23800	711.0	0.140	0.451	100	1.00	23.99	24.00	1.002	0.452
		Back	23800	711.0	-0.030	0.501	100	1.00	23.99	24.00	1.002	0.502
		Left	23800	711.0	0.080	0.669	100	1.00	23.99	24.00	1.002	0.671
		Right	23800	711.0	-0.070	0.161	100	1.00	23.99	24.00	1.002	0.161
		Top	23800	711.0	0.120	0.160	100	1.00	23.99	24.00	1.002	0.160
		Bottom	23800	711.0	0.080	0.056	100	1.00	23.99	24.00	1.002	0.056

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 38 (BW: 20MHz)	1RB	Left Cheek	38225	2617.5	0.190	0.015	100	1.00	22.90	23.00	1.023	0.015
		Left Tilt	38225	2617.5	0.180	0.014	100	1.00	22.90	23.00	1.023	0.014
		Right Cheek	38225	2617.5	-0.190	0.012	100	1.00	22.90	23.00	1.023	0.012
		Right Tilt	38225	2617.5	0.060	0.012	100	1.00	22.90	23.00	1.023	0.012
	50%RB	Left Cheek	38225	2617.5	0.130	0.013	100	1.00	22.90	23.00	1.023	0.013
		Left Tilt	38225	2617.5	0.050	0.011	100	1.00	22.90	23.00	1.023	0.011
		Right Cheek	38225	2617.5	0.130	0.010	100	1.00	22.90	23.00	1.023	0.010
		Right Tilt	38225	2617.5	0.060	0.009	100	1.00	22.90	23.00	1.023	0.009
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 38 (BW: 20MHz)	1RB	Front	38225	2617.5	0.050	0.110	100	1.00	22.90	23.00	1.023	0.113
		Back	38225	2617.5	0.190	0.157	100	1.00	22.90	23.00	1.023	0.161
		Left	38225	2617.5	0.018	0.043	100	1.00	22.90	23.00	1.023	0.044
		Right	38225	2617.5	-0.020	0.031	100	1.00	22.90	23.00	1.023	0.032
		Top	38225	2617.5	-0.060	0.006	100	1.00	22.90	23.00	1.023	0.006
		Bottom	38225	2617.5	0.180	0.210	100	1.00	22.90	23.00	1.023	0.215
	50%RB	Front	38225	2617.5	0.010	0.106	100	1.00	22.90	23.00	1.023	0.108
		Back	38225	2617.5	-0.130	0.148	100	1.00	22.90	23.00	1.023	0.151
		Left	38225	2617.5	0.030	0.040	100	1.00	22.90	23.00	1.023	0.041
		Right	38225	2617.5	-0.040	0.027	100	1.00	22.90	23.00	1.023	0.028
		Top	38225	2617.5	0.010	0.005	100	1.00	22.90	23.00	1.023	0.005
		Bottom	38225	2617.5	0.160	0.198	100	1.00	22.90	23.00	1.023	0.203

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	0.190	0.006	100	1.00	23.04	23.50	1.112	0.007
		Left Tilt	40620	2593.0	0.080	0.002	100	1.00	23.04	23.50	1.112	0.002
		Right Cheek	40620	2593.0	0.190	0.013	100	1.00	23.04	23.50	1.112	0.014
		Right Tilt	40620	2593.0	0.150	0.004	100	1.00	23.04	23.50	1.112	0.004
		Left Cheek	39750	2506.0	-0.190	0.016	100	1.00	23.04	23.50	1.112	0.018
		Left Cheek	40185	2549.5	0.010	0.014	100	1.00	23.04	23.50	1.112	0.016
		Left Cheek	41055	2636.5	0.130	0.014	100	1.00	23.04	23.50	1.112	0.016
		Left Cheek	41490	2680.0	0.010	0.015	100	1.00	23.04	23.50	1.112	0.017
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 41 (BW: 20MHz)	1RB	Front	40620	2593.0	-0.030	0.121	100	1.00	23.04	23.50	1.112	0.135
		Back	40620	2593.0	0.000	0.176	100	1.00	23.04	23.50	1.112	0.196
		Left	40620	2593.0	0.180	0.048	100	1.00	23.04	23.50	1.112	0.053
		Right	40620	2593.0	0.020	0.038	100	1.00	23.04	23.50	1.112	0.042
		Top	40620	2593.0	0.130	0.012	100	1.00	23.04	23.50	1.112	0.013
		Bottom	40620	2593.0	0.190	0.214	100	1.00	23.04	23.50	1.112	0.238
		Back	39750	2506.0	0.070	0.270	100	1.00	23.04	23.50	1.112	0.300
		Back	40185	2549.5	0.110	0.248	100	1.00	23.04	23.50	1.112	0.276
		Back	41055	2636.5	0.080	0.214	100	1.00	23.04	23.50	1.112	0.238
		Back	41490	2680.0	0.060	0.216	100	1.00	23.04	23.50	1.112	0.240

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g 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	-0.180	0.005	100	1.00	23.04	23.50	1.112	0.006
		Left Tilt	40620	2593.0	0.060	0.002	100	1.00	23.04	23.50	1.112	0.002
		Right Cheek	40620	2593.0	0.150	0.011	100	1.00	23.04	23.50	1.112	0.012
		Right Tilt	40620	2593.0	0.030	0.003	100	1.00	23.04	23.50	1.112	0.003
		Left Cheek	39750	2506.0	0.150	0.014	100	1.00	23.04	23.50	1.112	0.016
		Left Cheek	40185	2549.5	-0.080	0.013	100	1.00	23.04	23.50	1.112	0.014
		Left Cheek	41055	2636.5	0.160	0.013	100	1.00	23.04	23.50	1.112	0.014
Band 41 (BW: 20MHz)	50%RB	Left Cheek	41490	2680.0	0.020	0.014	100	1.00	23.04	23.50	1.112	0.016
		Front	40620	2593.0	0.150	0.113	100	1.00	23.04	23.50	1.112	0.126
		Back	40620	2593.0	0.090	0.159	100	1.00	23.04	23.50	1.112	0.177
		Left	40620	2593.0	0.010	0.039	100	1.00	23.04	23.50	1.112	0.043
		Right	40620	2593.0	-0.070	0.036	100	1.00	23.04	23.50	1.112	0.040
		Top	40620	2593.0	-0.130	0.011	100	1.00	23.04	23.50	1.112	0.012
		Bottom	40620	2593.0	0.010	0.198	100	1.00	23.04	23.50	1.112	0.220
Band 41 (BW: 20MHz)	50%RB	Back	39750	2506.0	0.110	0.256	100	1.00	23.04	23.50	1.112	0.285
		Back	40185	2549.5	0.160	0.223	100	1.00	23.04	23.50	1.112	0.248
		Back	41055	2636.5	-0.020	0.198	100	1.00	23.04	23.50	1.112	0.220
		Back	41490	2680.0	0.090	0.207	100	1.00	23.04	23.50	1.112	0.230

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 42 (BW: 20MHz)	1RB	Left Cheek	43015	3542.5	0.050	0.110	100	1.00	20.79	21.00	1.050	0.115
		Left Tilt	43015	3542.5	0.110	0.232	100	1.00	20.79	21.00	1.050	0.243
		Right Cheek	43015	3542.5	0.090	0.367	100	1.00	20.79	21.00	1.050	0.385
		Right Tilt	43015	3542.5	-0.190	0.528	100	1.00	20.79	21.00	1.050	0.554
	50%RB	Left Cheek	43015	3542.5	0.120	0.080	100	1.00	20.79	21.00	1.050	0.084
		Left Tilt	43015	3542.5	0.100	0.202	100	1.00	20.79	21.00	1.050	0.212
		Right Cheek	43015	3542.5	-0.050	0.334	100	1.00	20.79	21.00	1.050	0.351
		Right Tilt	43015	3542.5	0.170	0.486	100	1.00	20.79	21.00	1.050	0.510
Band 42 (BW: 20MHz)	1RB	Front	43015	3542.5	0.020	0.183	100	1.00	20.79	21.00	1.050	0.192
		Back	43015	3542.5	0.000	0.458	100	1.00	20.79	21.00	1.050	0.481
		Left	43015	3542.5	0.060	0.148	100	1.00	20.79	21.00	1.050	0.155
		Right	43015	3542.5	-0.010	0.091	100	1.00	20.79	21.00	1.050	0.096
		Top	43015	3542.5	-0.010	0.280	100	1.00	20.79	21.00	1.050	0.294
		Bottom	43015	3542.5	-0.180	0.006	100	1.00	20.79	21.00	1.050	0.006
	50%RB	Front	43015	3542.5	0.120	0.133	100	1.00	20.79	21.00	1.050	0.140
		Back	43015	3542.5	-0.040	0.415	100	1.00	20.79	21.00	1.050	0.436
		Left	43015	3542.5	0.010	0.124	100	1.00	20.79	21.00	1.050	0.130
		Right	43015	3542.5	0.140	0.086	100	1.00	20.79	21.00	1.050	0.090
		Top	43015	3542.5	-0.080	0.267	100	1.00	20.79	21.00	1.050	0.280
		Bottom	43015	3542.5	0.170	0.005	100	1.00	20.79	21.00	1.050	0.005

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 66 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	-0.110	0.045	100	1.00	23.45	24.00	1.135	0.051
		Left Tilt	132322	1745.0	-0.080	0.024	100	1.00	23.45	24.00	1.135	0.027
		Right Cheek	132322	1745.0	-0.090	0.077	100	1.00	23.45	24.00	1.135	0.087
		Right Tilt	132322	1745.0	-0.060	0.031	100	1.00	23.45	24.00	1.135	0.035
	50%RB	Left Cheek	132322	1745.0	-0.080	0.037	100	1.00	23.45	24.00	1.135	0.042
		Left Tilt	132322	1745.0	0.000	0.020	100	1.00	23.45	24.00	1.135	0.023
		Right Cheek	132322	1745.0	-0.030	0.062	100	1.00	23.45	24.00	1.135	0.070
		Right Tilt	132322	1745.0	-0.150	0.026	100	1.00	23.45	24.00	1.135	0.030
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Band 66 (BW: 20MHz)	1RB	Front	132322	1745.0	0.020	0.779	100	1.00	23.45	24.00	1.135	0.884
		Back	132322	1745.0	-0.030	0.675	100	1.00	23.45	24.00	1.135	0.766
		Left	132322	1745.0	-0.110	0.197	100	1.00	23.45	24.00	1.135	0.224
		Right	132322	1745.0	-0.180	0.149	100	1.00	23.45	24.00	1.135	0.169
		Top	132322	1745.0	0.160	0.011	100	1.00	23.45	24.00	1.135	0.012
		Bottom	132322	1745.0	-0.020	0.407	100	1.00	23.45	24.00	1.135	0.462
	50%RB	Front	132322	1745.0	-0.070	0.635	100	1.00	23.45	24.00	1.135	0.721
		Back	132322	1745.0	0.180	0.564	100	1.00	23.45	24.00	1.135	0.640
		Left	132322	1745.0	0.090	0.169	100	1.00	23.45	24.00	1.135	0.192
		Right	132322	1745.0	-0.070	0.122	100	1.00	23.45	24.00	1.135	0.138
		Top	132322	1745.0	0.000	0.009	100	1.00	23.45	24.00	1.135	0.010
		Bottom	132322	1745.0	0.090	0.354	100	1.00	23.45	24.00	1.135	0.402

11.4.4 Results overview of NR

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n5 (BW: 20MHz)	1RB	Left Cheek	166300	831.5	-0.190	0.790	100	1.00	24.91	25.00	1.021	0.807
		Left Tilt	166300	831.5	-0.040	0.264	100	1.00	24.91	25.00	1.021	0.270
		Right Cheek	166300	831.5	0.170	0.677	100	1.00	24.91	25.00	1.021	0.691
		Right Tilt	166300	831.5	-0.060	0.236	100	1.00	24.91	25.00	1.021	0.241
	50%RB	Left Cheek	166300	831.5	0.140	0.733	100	1.00	24.91	25.00	1.021	0.748
		Left Tilt	166300	831.5	-0.060	0.243	100	1.00	24.91	25.00	1.021	0.248
		Right Cheek	166300	831.5	0.040	0.625	100	1.00	24.91	25.00	1.021	0.638
		Right Tilt	166300	831.5	0.120	0.198	100	1.00	24.91	25.00	1.021	0.202
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	166300	831.5	0.180	0.374	100	1.00	24.91	25.00	1.021	0.382
		Back	166300	831.5	0.040	0.641	100	1.00	24.91	25.00	1.021	0.654
		Left	166300	831.5	-0.090	0.751	100	1.00	24.91	25.00	1.021	0.767
		Right	166300	831.5	-0.020	0.276	100	1.00	24.91	25.00	1.021	0.282
		Top	166300	831.5	0.150	0.020	100	1.00	24.91	25.00	1.021	0.020
		Bottom	166300	831.5	-0.040	0.011	100	1.00	24.91	25.00	1.021	0.011
	50%RB	Front	166300	831.5	0.100	0.327	100	1.00	24.91	25.00	1.021	0.334
		Back	166300	831.5	0.000	0.600	100	1.00	24.91	25.00	1.021	0.613
		Left	166300	831.5	-0.030	0.714	100	1.00	24.91	25.00	1.021	0.729
		Right	166300	831.5	0.120	0.235	100	1.00	24.91	25.00	1.021	0.240
		Top	166300	831.5	0.150	0.017	100	1.00	24.91	25.00	1.021	0.017
		Bottom	166300	831.5	0.010	0.009	100	1.00	24.91	25.00	1.021	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n7 (BW: 20MHz)	1RB	Left Cheek	501000	2505.0	0.190	0.100	100	1.00	24.02	24.50	1.117	0.112
		Left Tilt	501000	2505.0	0.050	0.058	100	1.00	24.02	24.50	1.117	0.065
		Right Cheek	501000	2505.0	-0.190	0.084	100	1.00	24.02	24.50	1.117	0.094
		Right Tilt	501000	2505.0	0.019	0.042	100	1.00	24.02	24.50	1.117	0.047
	50%RB	Left Cheek	501000	2505.0	0.160	0.096	100	1.00	24.02	24.50	1.117	0.107
		Left Tilt	501000	2505.0	0.020	0.055	100	1.00	24.02	24.50	1.117	0.061
		Right Cheek	501000	2505.0	0.060	0.081	100	1.00	24.02	24.50	1.117	0.090
		Right Tilt	501000	2505.0	0.030	0.039	100	1.00	24.02	24.50	1.117	0.044
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n7 (BW: 20MHz)	1RB	Front	501000	2505.0	-0.090	0.564	100	1.00	24.02	24.50	1.117	0.630
		Back	501000	2505.0	-0.030	0.960	100	1.00	24.02	24.50	1.117	1.072
		Left	501000	2505.0	0.130	0.271	100	1.00	24.02	24.50	1.117	0.303
		Right	501000	2505.0	0.150	0.185	100	1.00	24.02	24.50	1.117	0.207
		Top	501000	2505.0	0.010	0.036	100	1.00	24.02	24.50	1.117	0.040
		Bottom	501000	2505.0	0.030	1.020	100	1.00	24.02	24.50	1.117	1.139
		Bottom	501000	2505.0	-0.120	0.988	100	1.00	24.02	24.50	1.117	1.103
	50%RB	Front	501000	2505.0	0.130	0.541	100	1.00	24.02	24.50	1.117	0.604
		Back	501000	2505.0	-0.010	0.926	100	1.00	24.02	24.50	1.117	1.034
		Left	501000	2505.0	0.140	0.241	100	1.00	24.02	24.50	1.117	0.269
		Right	501000	2505.0	0.000	0.170	100	1.00	24.02	24.50	1.117	0.190
		Top	501000	2505.0	0.030	0.034	100	1.00	24.02	24.50	1.117	0.038
		Bottom	501000	2505.0	0.090	0.947	100	1.00	24.02	24.50	1.117	1.058

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
N7	501000	Bottom	1.02	0.988	1.03

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

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n12 (BW: 15MHz)	1RB	Left Cheek	141500	707.5	0.190	0.846	100	1.00	22.66	23.00	1.081	0.915
		Left Tilt	141500	707.5	0.130	0.387	100	1.00	22.66	23.00	1.081	0.419
		Right Cheek	141500	707.5	-0.140	0.600	100	1.00	22.66	23.00	1.081	0.649
		Right Tilt	141500	707.5	0.190	0.256	100	1.00	22.66	23.00	1.081	0.277
		Left Cheek	141500	707.5	0.016	0.833	100	1.00	22.66	23.00	1.081	0.901
	50%RB	Left Cheek	141500	707.5	0.070	0.817	100	1.00	22.66	23.00	1.081	0.884
		Left Tilt	141500	707.5	-0.130	0.368	100	1.00	22.66	23.00	1.081	0.398
		Right Cheek	141500	707.5	0.160	0.585	100	1.00	22.66	23.00	1.081	0.633
		Right Tilt	141500	707.5	0.100	0.239	100	1.00	22.66	23.00	1.081	0.258
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.010	0.371	100	1.00	22.66	23.00	1.081	0.401
		Back	141500	707.5	0.030	0.550	100	1.00	22.66	23.00	1.081	0.595
		Left	141500	707.5	0.050	0.731	100	1.00	22.66	23.00	1.081	0.791
		Right	141500	707.5	-0.160	0.308	100	1.00	22.66	23.00	1.081	0.333
		Top	141500	707.5	0.070	0.028	100	1.00	22.66	23.00	1.081	0.030
		Bottom	141500	707.5	0.040	0.012	100	1.00	22.66	23.00	1.081	0.013
	50%RB	Front	141500	707.5	0.130	0.356	100	1.00	22.66	23.00	1.081	0.385
		Back	141500	707.5	0.050	0.519	100	1.00	22.66	23.00	1.081	0.561
		Left	141500	707.5	0.010	0.704	100	1.00	22.66	23.00	1.081	0.761
		Right	141500	707.5	0.180	0.297	100	1.00	22.66	23.00	1.081	0.321
		Top	141500	707.5	0.020	0.025	100	1.00	22.66	23.00	1.081	0.027
		Bottom	141500	707.5	0.020	0.011	100	1.00	22.66	23.00	1.081	0.012

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
N12	141500	Left Cheek	0.846	0.833	1.02

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

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Left Cheek	515000	2575.0	0.190	0.021	100	1.00	24.54	25.00	1.112	0.023
		Left Tilt	515000	2575.0	0.110	0.011	100	1.00	24.54	25.00	1.112	0.012
		Right Cheek	515000	2575.0	-0.190	0.007	100	1.00	24.54	25.00	1.112	0.008
		Right Tilt	515000	2575.0	0.130	0.004	100	1.00	24.54	25.00	1.112	0.004
	50%RB	Left Cheek	515000	2575.0	0.160	0.020	100	1.00	24.54	25.00	1.112	0.022
		Left Tilt	515000	2575.0	0.050	0.010	100	1.00	24.54	25.00	1.112	0.011
		Right Cheek	515000	2575.0	0.010	0.006	100	1.00	24.54	25.00	1.112	0.007
		Right Tilt	515000	2575.0	0.070	0.003	100	1.00	24.54	25.00	1.112	0.003
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n38 (BW: 20MHz)	1RB	Front	515000	2575.0	-0.010	0.081	100	1.00	24.54	25.00	1.112	0.090
		Back	515000	2575.0	0.100	0.120	100	1.00	24.54	25.00	1.112	0.133
		Left	515000	2575.0	0.080	0.039	100	1.00	24.54	25.00	1.112	0.043
		Right	515000	2575.0	0.150	0.024	100	1.00	24.54	25.00	1.112	0.027
		Top	515000	2575.0	0.010	0.004	100	1.00	24.54	25.00	1.112	0.004
		Bottom	515000	2575.0	-0.040	0.138	100	1.00	24.54	25.00	1.112	0.153
	50%RB	Front	515000	2575.0	0.180	0.076	100	1.00	24.54	25.00	1.112	0.084
		Back	515000	2575.0	-0.040	0.116	100	1.00	24.54	25.00	1.112	0.129
		Left	515000	2575.0	-0.130	0.037	100	1.00	24.54	25.00	1.112	0.041
		Right	515000	2575.0	0.030	0.023	100	1.00	24.54	25.00	1.112	0.026
		Top	515000	2575.0	0.010	0.004	100	1.00	24.54	25.00	1.112	0.004
		Bottom	515000	2575.0	-0.020	0.130	100	1.00	24.54	25.00	1.112	0.145

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n41 (BW:100MHz)	1RB	Left Cheek	518598	2593.0	0.050	0.011	100	1.00	24.48	24.50	1.005	0.011
		Left Tilt	518598	2593.0	0.160	0.007	100	1.00	24.48	24.50	1.005	0.007
		Right Cheek	518598	2593.0	-0.190	0.006	100	1.00	24.48	24.50	1.005	0.006
		Right Tilt	518598	2593.0	0.100	0.004	100	1.00	24.48	24.50	1.005	0.004
	50%RB	Left Cheek	518598	2593.0	-0.130	0.010	100	1.00	24.48	24.50	1.005	0.010
		Left Tilt	518598	2593.0	0.070	0.006	100	1.00	24.48	24.50	1.005	0.006
		Right Cheek	518598	2593.0	0.110	0.005	100	1.00	24.48	24.50	1.005	0.005
		Right Tilt	518598	2593.0	0.090	0.003	100	1.00	24.48	24.50	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)
NR n41 (BW:100MHz)	1RB	Front	518598	2593.0	0.020	0.087	100	1.00	24.48	24.50	1.005	0.087
		Back	518598	2593.0	0.110	0.107	100	1.00	24.48	24.50	1.005	0.107
		Left	518598	2593.0	-0.030	0.043	100	1.00	24.48	24.50	1.005	0.043
		Right	518598	2593.0	0.170	0.023	100	1.00	24.48	24.50	1.005	0.023
		Top	518598	2593.0	0.060	0.006	100	1.00	24.48	24.50	1.005	0.006
		Bottom	518598	2593.0	0.190	0.147	100	1.00	24.48	24.50	1.005	0.148
	50%RB	Front	518598	2593.0	0.010	0.084	100	1.00	24.48	24.50	1.005	0.084
		Back	518598	2593.0	-0.020	0.099	100	1.00	24.48	24.50	1.005	0.099
		Left	518598	2593.0	0.050	0.040	100	1.00	24.48	24.50	1.005	0.040
		Right	518598	2593.0	0.130	0.021	100	1.00	24.48	24.50	1.005	0.021
		Top	518598	2593.0	0.180	0.005	100	1.00	24.48	24.50	1.005	0.005
		Bottom	518598	2593.0	0.007	0.132	100	1.00	24.48	24.50	1.005	0.133

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	355000	1775.0	-0.090	0.082	100	1.00	24.34	24.50	1.038	0.085
		Left Tilt	355000	1775.0	0.130	0.028	100	1.00	24.34	24.50	1.038	0.029
		Right Cheek	355000	1775.0	0.050	0.092	100	1.00	24.34	24.50	1.038	0.095
		Right Tilt	355000	1775.0	-0.190	0.041	100	1.00	24.34	24.50	1.038	0.043
	50%RB	Left Cheek	355000	1775.0	0.010	0.075	100	1.00	24.34	24.50	1.038	0.078
		Left Tilt	355000	1775.0	0.060	0.026	100	1.00	24.34	24.50	1.038	0.027
		Right Cheek	355000	1775.0	-0.010	0.086	100	1.00	24.34	24.50	1.038	0.089
		Right Tilt	355000	1775.0	-0.150	0.037	100	1.00	24.34	24.50	1.038	0.038
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n66 (BW:40MHz)	1RB	Front	355000	1775.0	-0.140	0.443	100	1.00	24.34	24.50	1.038	0.460
		Back	355000	1775.0	-0.050	0.631	100	1.00	24.34	24.50	1.038	0.655
		Left	355000	1775.0	0.050	0.177	100	1.00	24.34	24.50	1.038	0.184
		Right	355000	1775.0	0.020	0.268	100	1.00	24.34	24.50	1.038	0.278
		Top	355000	1775.0	0.130	0.035	100	1.00	24.34	24.50	1.038	0.036
		Bottom	355000	1775.0	0.020	1.020	100	1.00	24.34	24.50	1.038	1.058
	50%RB	Front	355000	1775.0	-0.060	0.421	100	1.00	24.34	24.50	1.038	0.437
		Back	355000	1775.0	0.016	0.615	100	1.00	24.34	24.50	1.038	0.638
		Left	355000	1775.0	0.020	0.161	100	1.00	24.34	24.50	1.038	0.167
		Right	355000	1775.0	0.170	0.235	100	1.00	24.34	24.50	1.038	0.244
		Top	355000	1775.0	0.080	0.032	100	1.00	24.34	24.50	1.038	0.033
		Bottom	355000	1775.0	0.010	0.878	100	1.00	24.34	24.50	1.038	0.911

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-0.190	0.225	100	1.00	26.23	26.50	1.064	0.239
		Left Tilt	633334	3500.0	-0.190	0.349	100	1.00	26.23	26.50	1.064	0.371
		Right Cheek	633334	3500.0	0.130	0.667	100	1.00	26.23	26.50	1.064	0.710
		Right Tilt	633334	3500.0	0.040	0.991	100	1.00	26.23	26.50	1.064	1.055
		Right Tilt	633334	3500.0	-0.030	0.970	100	1.00	26.23	26.50	1.064	1.032
	50%RB	Left Cheek	633334	3500.0	0.010	0.207	100	1.00	26.23	26.50	1.064	0.220
		Left Tilt	633334	3500.0	0.150	0.318	100	1.00	26.23	26.50	1.064	0.338
		Right Cheek	633334	3500.0	-0.010	0.602	100	1.00	26.23	26.50	1.064	0.641
		Right Tilt	633334	3500.0	0.060	0.875	100	1.00	26.23	26.50	1.064	0.931
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Front	633334	3500.0	0.130	0.125	100	1.00	26.23	26.50	1.064	0.133
		Back	633334	3500.0	-0.050	0.207	100	1.00	26.23	26.50	1.064	0.220
		Left	633334	3500.0	0.070	0.073	100	1.00	26.23	26.50	1.064	0.078
		Right	633334	3500.0	0.180	0.032	100	1.00	26.23	26.50	1.064	0.034
		Top	633334	3500.0	-0.110	0.124	100	1.00	26.23	26.50	1.064	0.132
		Bottom	633334	3500.0	0.140	0.010	100	1.00	26.23	26.50	1.064	0.011
	50%RB	Front	633334	3500.0	0.130	0.111	100	1.00	26.23	26.50	1.064	0.118
		Back	633334	3500.0	0.080	0.194	100	1.00	26.23	26.50	1.064	0.206
		Left	633334	3500.0	0.060	0.066	100	1.00	26.23	26.50	1.064	0.070
		Right	633334	3500.0	-0.140	0.026	100	1.00	26.23	26.50	1.064	0.028
		Top	633334	3500.0	-0.020	0.109	100	1.00	26.23	26.50	1.064	0.116
		Bottom	633334	3500.0	-0.030	0.080	100	1.00	26.23	26.50	1.064	0.085

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
N77	633334	Right Tilt	0.991	0.97	1.02

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

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	641666	3625.0	-0.190	0.466	100	1.00	26.11	26.50	1.094	0.510
		Left Tilt	641666	3625.0	0.130	0.584	100	1.00	26.11	26.50	1.094	0.639
		Right Cheek	641666	3625.0	0.190	0.401	100	1.00	26.11	26.50	1.094	0.439
		Right Tilt	641666	3625.0	-0.190	0.856	100	1.00	26.11	26.50	1.094	0.936
	50%RB	Right Tilt	641666	3625.0	0.050	0.828	100	1.00	26.11	26.50	1.094	0.906
		Left Cheek	641666	3625.0	0.130	0.434	100	1.00	26.11	26.50	1.094	0.475
		Left Tilt	641666	3625.0	0.010	0.552	100	1.00	26.11	26.50	1.094	0.604
		Right Cheek	641666	3625.0	0.110	0.374	100	1.00	26.11	26.50	1.094	0.409
		Right Tilt	641666	3625.0	0.060	0.808	100	1.00	26.11	26.50	1.094	0.884
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	641666	3625.0	-0.160	0.115	100	1.00	26.11	26.50	1.094	0.126
		Back	641666	3625.0	0.030	0.185	100	1.00	26.11	26.50	1.094	0.202
		Left	641666	3625.0	0.170	0.077	100	1.00	26.11	26.50	1.094	0.084
		Right	641666	3625.0	0.030	0.025	100	1.00	26.11	26.50	1.094	0.027
		Top	641666	3625.0	-0.010	0.151	100	1.00	26.11	26.50	1.094	0.165
		Bottom	641666	3625.0	0.010	0.013	100	1.00	26.11	26.50	1.094	0.014
	50%RB	Front	641666	3625.0	-0.150	0.092	100	1.00	26.11	26.50	1.094	0.101
		Back	641666	3625.0	0.060	0.169	100	1.00	26.11	26.50	1.094	0.185
		Left	641666	3625.0	0.030	0.056	100	1.00	26.11	26.50	1.094	0.061
		Right	641666	3625.0	-0.010	0.024	100	1.00	26.11	26.50	1.094	0.026
		Top	641666	3625.0	0.080	0.142	100	1.00	26.11	26.50	1.094	0.155
		Bottom	641666	3625.0	0.130	0.011	100	1.00	26.11	26.50	1.094	0.012

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
N77	641666	Right Tilt	0.856	0.828	1.03

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

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n77 (BW:50MHz)	1RB	Left Cheek	662000	3930.0	0.050	0.298	100	1.00	26.13	26.50	1.089	0.325
		Left Tilt	662000	3930.0	-0.190	0.540	100	1.00	26.13	26.50	1.089	0.588
		Right Cheek	662000	3930.0	0.030	0.506	100	1.00	26.13	26.50	1.089	0.551
		Right Tilt	662000	3930.0	0.190	0.861	100	1.00	26.13	26.50	1.089	0.938
		Right Tilt	662000	3930.0	0.030	0.845	100	1.00	26.13	26.50	1.089	0.920
	50%RB	Left Cheek	662000	3930.0	0.130	0.292	100	1.00	26.13	26.50	1.089	0.318
		Left Tilt	662000	3930.0	-0.050	0.531	100	1.00	26.13	26.50	1.089	0.578
		Right Cheek	662000	3930.0	-0.090	0.493	100	1.00	26.13	26.50	1.089	0.537
		Right Tilt	662000	3930.0	0.190	0.849	100	1.00	26.13	26.50	1.089	0.925
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	662000	3930.0	0.160	0.111	100	1.00	26.13	26.50	1.089	0.121
		Back	662000	3930.0	0.010	0.150	100	1.00	26.13	26.50	1.089	0.163
		Left	662000	3930.0	0.020	0.068	100	1.00	26.13	26.50	1.089	0.074
		Right	662000	3930.0	-0.050	0.018	100	1.00	26.13	26.50	1.089	0.020
		Top	662000	3930.0	0.070	0.130	100	1.00	26.13	26.50	1.089	0.142
		Bottom	662000	3930.0	-0.160	0.004	100	1.00	26.13	26.50	1.089	0.004
	50%RB	Front	662000	3930.0	0.040	0.108	100	1.00	26.13	26.50	1.089	0.118
		Back	662000	3930.0	0.120	0.147	100	1.00	26.13	26.50	1.089	0.160
		Left	662000	3930.0	0.010	0.065	100	1.00	26.13	26.50	1.089	0.071
		Right	662000	3930.0	0.150	0.017	100	1.00	26.13	26.50	1.089	0.019
		Top	662000	3930.0	0.090	0.120	100	1.00	26.13	26.50	1.089	0.131
		Bottom	662000	3930.0	0.080	0.004	100	1.00	26.13	26.50	1.089	0.004

Band	Ch.	EUT Position	Measure SAR(W/kg)		
			Original	Repeated	SAR ratio
N77	662000	Right Tilt	0.861	0.845	1.02

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

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	633334	3500.0	0.060	0.127	100	1.00	26.16	26.50	1.081	0.137
		Left Tilt	633334	3500.0	-0.160	0.244	100	1.00	26.16	26.50	1.081	0.264
		Right Cheek	633334	3500.0	0.030	0.225	100	1.00	26.16	26.50	1.081	0.243
		Right Tilt	633334	3500.0	-0.190	0.431	100	1.00	26.16	26.50	1.081	0.466
	50%RB	Left Cheek	633334	3500.0	0.120	0.104	100	1.00	26.16	26.50	1.081	0.112
		Left Tilt	633334	3500.0	0.080	0.213	100	1.00	26.16	26.50	1.081	0.230
		Right Cheek	633334	3500.0	-0.060	0.201	100	1.00	26.16	26.50	1.081	0.217
		Right Tilt	633334	3500.0	0.070	0.416	100	1.00	26.16	26.50	1.081	0.450
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.080	0.156	100	1.00	26.16	26.50	1.081	0.169
		Back	633334	3500.0	0.020	0.206	100	1.00	26.16	26.50	1.081	0.223
		Left	633334	3500.0	0.020	0.119	100	1.00	26.16	26.50	1.081	0.129
		Right	633334	3500.0	-0.050	0.038	100	1.00	26.16	26.50	1.081	0.041
		Top	633334	3500.0	-0.090	0.178	100	1.00	26.16	26.50	1.081	0.192
		Bottom	633334	3500.0	0.120	0.003	100	1.00	26.16	26.50	1.081	0.003
	50%RB	Front	633334	3500.0	-0.130	0.143	100	1.00	26.16	26.50	1.081	0.155
		Back	633334	3500.0	0.150	0.187	100	1.00	26.16	26.50	1.081	0.202
		Left	633334	3500.0	-0.050	0.104	100	1.00	26.16	26.50	1.081	0.112
		Right	633334	3500.0	-0.190	0.033	100	1.00	26.16	26.50	1.081	0.036
		Top	633334	3500.0	0.090	0.154	100	1.00	26.16	26.50	1.081	0.167
		Bottom	633334	3500.0	-0.090	0.002	100	1.00	26.16	26.50	1.081	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	638334	3575.0	0.090	0.086	100	1.00	26.09	26.50	1.099	0.095
		Left Tilt	638334	3575.0	0.110	0.214	100	1.00	26.09	26.50	1.099	0.235
		Right Cheek	638334	3575.0	0.040	0.178	100	1.00	26.09	26.50	1.099	0.196
		Right Tilt	638334	3575.0	-0.190	0.366	100	1.00	26.09	26.50	1.099	0.402
	50%RB	Left Cheek	638334	3575.0	0.010	0.083	100	1.00	26.09	26.50	1.099	0.091
		Left Tilt	638334	3575.0	-0.060	0.196	100	1.00	26.09	26.50	1.099	0.215
		Right Cheek	638334	3575.0	0.120	0.154	100	1.00	26.09	26.50	1.099	0.169
		Right Tilt	638334	3575.0	0.150	0.334	100	1.00	26.09	26.50	1.099	0.367
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Front	638334	3575.0	-0.170	0.140	100	1.00	26.09	26.50	1.099	0.154
		Back	638334	3575.0	0.000	0.181	100	1.00	26.09	26.50	1.099	0.199
		Left	638334	3575.0	0.080	0.104	100	1.00	26.09	26.50	1.099	0.114
		Right	638334	3575.0	0.010	0.031	100	1.00	26.09	26.50	1.099	0.034
		Top	638334	3575.0	-0.150	0.161	100	1.00	26.09	26.50	1.099	0.177
		Bottom	638334	3575.0	0.160	0.005	100	1.00	26.09	26.50	1.099	0.005
	50%RB	Front	638334	3575.0	-0.130	0.137	100	1.00	26.09	26.50	1.099	0.151
		Back	638334	3575.0	-0.160	0.179	100	1.00	26.09	26.50	1.099	0.197
		Left	638334	3575.0	-0.120	0.099	100	1.00	26.09	26.50	1.099	0.109
		Right	638334	3575.0	0.020	0.029	100	1.00	26.09	26.50	1.099	0.032
		Top	638334	3575.0	0.020	0.154	100	1.00	26.09	26.50	1.099	0.169
		Bottom	638334	3575.0	0.110	0.002	100	1.00	26.09	26.50	1.099	0.002

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
NR n78 (BW:50MHz)	1RB	Left Cheek	653000	3795.0	-0.090	0.132	100	1.00	25.92	26.00	1.019	0.134
		Left Tilt	653000	3795.0	0.120	0.324	100	1.00	25.92	26.00	1.019	0.330
		Right Cheek	653000	3795.0	0.070	0.227	100	1.00	25.92	26.00	1.019	0.231
		Right Tilt	653000	3795.0	-0.120	0.460	100	1.00	25.92	26.00	1.019	0.469
	50%RB	Left Cheek	653000	3795.0	0.170	0.117	100	1.00	25.92	26.00	1.019	0.119
		Left Tilt	653000	3795.0	0.060	0.286	100	1.00	25.92	26.00	1.019	0.291
		Right Cheek	653000	3795.0	-0.010	0.193	100	1.00	25.92	26.00	1.019	0.197
		Right Tilt	653000	3795.0	0.000	0.416	100	1.00	25.92	26.00	1.019	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)
NR n78 (BW:50MHz)	1RB	Front	653000	3795.0	0.040	0.160	100	1.00	25.92	26.00	1.019	0.163
		Back	653000	3795.0	0.020	0.196	100	1.00	25.92	26.00	1.019	0.200
		Left	653000	3795.0	0.050	0.121	100	1.00	25.92	26.00	1.019	0.123
		Right	653000	3795.0	-0.030	0.040	100	1.00	25.92	26.00	1.019	0.041
		Top	653000	3795.0	0.140	0.169	100	1.00	25.92	26.00	1.019	0.172
		Bottom	653000	3795.0	-0.020	0.002	100	1.00	25.92	26.00	1.019	0.002
	50%RB	Front	653000	3795.0	-0.050	0.153	100	1.00	25.92	26.00	1.019	0.156
		Back	653000	3795.0	0.100	0.191	100	1.00	25.92	26.00	1.019	0.195
		Left	653000	3795.0	0.120	0.117	100	1.00	25.92	26.00	1.019	0.119
		Right	653000	3795.0	-0.180	0.038	100	1.00	25.92	26.00	1.019	0.039
		Top	653000	3795.0	0.170	0.167	100	1.00	25.92	26.00	1.019	0.170
		Bottom	653000	3795.0	-0.170	0.003	100	1.00	25.92	26.00	1.019	0.003

11.4.5 Results overview of NSA

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Left Cheek	19100	1900.0	2.020	0.342	100	1.00	22.97	23.00	1.007	0.344
		Left Tilt	19100	1900.0	-4.910	0.439	100	1.00	22.97	23.00	1.007	0.442
		Right Cheek	19100	1900.0	1.340	0.333	100	1.00	22.97	23.00	1.007	0.335
		Right Tilt	19100	1900.0	-4.370	0.428	100	1.00	22.97	23.00	1.007	0.431
	50%RB	Left Cheek	19100	1900.0	-1.650	0.332	100	1.00	22.97	23.00	1.007	0.334
		Left Tilt	19100	1900.0	-0.140	0.417	100	1.00	22.97	23.00	1.007	0.420
		Right Cheek	19100	1900.0	-0.670	0.306	100	1.00	22.97	23.00	1.007	0.308
		Right Tilt	19100	1900.0	-0.330	0.410	100	1.00	22.97	23.00	1.007	0.413
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n7 (BW: 20MHz)	1RB	Front	19100	1900.0	1.290	0.071	100	1.00	22.97	23.00	1.007	0.071
		Back	19100	1900.0	-2.360	0.135	100	1.00	22.97	23.00	1.007	0.136
		Left	19100	1900.0	0.750	0.042	100	1.00	22.97	23.00	1.007	0.042
		Right	19100	1900.0	2.030	0.034	100	1.00	22.97	23.00	1.007	0.034
		Top	19100	1900.0	-1.260	0.029	100	1.00	22.97	23.00	1.007	0.029
		Bottom	19100	1900.0	-4.330	0.007	100	1.00	22.97	23.00	1.007	0.007
	50%RB	Front	19100	1900.0	2.910	0.065	100	1.00	22.97	23.00	1.007	0.065
		Back	19100	1900.0	-3.170	0.129	100	1.00	22.97	23.00	1.007	0.130
		Left	19100	1900.0	2.300	0.037	100	1.00	22.97	23.00	1.007	0.037
		Right	19100	1900.0	-3.890	0.030	100	1.00	22.97	23.00	1.007	0.030
		Top	19100	1900.0	2.930	0.024	100	1.00	22.97	23.00	1.007	0.024
		Bottom	19100	1900.0	-4.520	0.006	100	1.00	22.97	23.00	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)
2-n66 (BW: 20MHz)	1RB	Left Cheek	19100	1900.0	1.300	0.310	100	1.00	23.00	23.50	1.122	0.348
		Left Tilt	19100	1900.0	-2.700	0.425	100	1.00	23.00	23.50	1.122	0.477
		Right Cheek	19100	1900.0	-4.590	0.317	100	1.00	23.00	23.50	1.122	0.356
		Right Tilt	19100	1900.0	-4.520	0.430	100	1.00	23.00	23.50	1.122	0.482
	50%RB	Left Cheek	19100	1900.0	3.460	0.302	100	1.00	23.00	23.50	1.122	0.339
		Left Tilt	19100	1900.0	-0.130	0.419	100	1.00	23.00	23.50	1.122	0.470
		Right Cheek	19100	1900.0	-2.420	0.310	100	1.00	23.00	23.50	1.122	0.348
		Right Tilt	19100	1900.0	-1.900	0.420	100	1.00	23.00	23.50	1.122	0.471
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	19100	1900.0	1.360	0.103	100	1.00	23.00	23.50	1.122	0.116
		Back	19100	1900.0	1.430	0.139	100	1.00	23.00	23.50	1.122	0.156
		Left	19100	1900.0	-0.360	0.045	100	1.00	23.00	23.50	1.122	0.050
		Right	19100	1900.0	-2.160	0.041	100	1.00	23.00	23.50	1.122	0.046
		Top	19100	1900.0	1.330	0.036	100	1.00	23.00	23.50	1.122	0.040
		Bottom	19100	1900.0	-2.320	0.010	100	1.00	23.00	23.50	1.122	0.011
	50%RB	Front	19100	1900.0	-4.230	0.094	100	1.00	23.00	23.50	1.122	0.105
		Back	19100	1900.0	1.140	0.121	100	1.00	23.00	23.50	1.122	0.136
		Left	19100	1900.0	0.280	0.040	100	1.00	23.00	23.50	1.122	0.045
		Right	19100	1900.0	-4.030	0.035	100	1.00	23.00	23.50	1.122	0.039
		Top	19100	1900.0	-1.790	0.030	100	1.00	23.00	23.50	1.122	0.034
		Bottom	19100	1900.0	1.190	0.008	100	1.00	23.00	23.50	1.122	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2-n78 (BW: 20MHz)	1RB	Left Cheek	18700	1860.0	2.010	0.268	100	1.00	22.39	22.50	1.026	0.275
		Left Tilt	18700	1860.0	4.960	0.151	100	1.00	22.39	22.50	1.026	0.155
		Right Cheek	18700	1860.0	-4.770	0.253	100	1.00	22.39	22.50	1.026	0.259
		Right Tilt	18700	1860.0	2.360	0.122	100	1.00	22.39	22.50	1.026	0.125
	50%RB	Left Cheek	18700	1860.0	2.100	0.254	100	1.00	22.39	22.50	1.026	0.261
		Left Tilt	18700	1860.0	-2.030	0.140	100	1.00	22.39	22.50	1.026	0.144
		Right Cheek	18700	1860.0	-3.550	0.232	100	1.00	22.39	22.50	1.026	0.238
		Right Tilt	18700	1860.0	1.810	0.109	100	1.00	22.39	22.50	1.026	0.112
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	0.390	0.125	100	1.00	22.39	22.50	1.026	0.128
		Back	18700	1860.0	1.940	0.312	100	1.00	22.39	22.50	1.026	0.320
		Left	18700	1860.0	-1.260	0.094	100	1.00	22.39	22.50	1.026	0.096
		Right	18700	1860.0	2.030	0.085	100	1.00	22.39	22.50	1.026	0.087
		Top	18700	1860.0	-1.140	0.070	100	1.00	22.39	22.50	1.026	0.072
		Bottom	18700	1860.0	0.250	0.012	100	1.00	22.39	22.50	1.026	0.012
	50%RB	Front	18700	1860.0	-0.060	0.114	100	1.00	22.39	22.50	1.026	0.117
		Back	18700	1860.0	0.110	0.302	100	1.00	22.39	22.50	1.026	0.310
		Left	18700	1860.0	2.840	0.090	100	1.00	22.39	22.50	1.026	0.092
		Right	18700	1860.0	-1.230	0.082	100	1.00	22.39	22.50	1.026	0.084
		Top	18700	1860.0	-0.110	0.062	100	1.00	22.39	22.50	1.026	0.064
		Bottom	18700	1860.0	-0.360	0.010	100	1.00	22.39	22.50	1.026	0.010

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n7 (BW: 20MHz)	1RB	Left Cheek	20300	1745.0	1.230	0.294	100	1.00	23.06	23.50	1.107	0.325
		Left Tilt	20300	1745.0	0.850	0.550	100	1.00	23.06	23.50	1.107	0.609
		Right Cheek	20300	1745.0	-1.120	0.275	100	1.00	23.06	23.50	1.107	0.304
		Right Tilt	20300	1745.0	-4.500	0.447	100	1.00	23.06	23.50	1.107	0.495
	50%RB	Left Cheek	20300	1745.0	-3.510	0.279	100	1.00	23.06	23.50	1.107	0.309
		Left Tilt	20300	1745.0	1.080	0.541	100	1.00	23.06	23.50	1.107	0.599
		Right Cheek	20300	1745.0	0.010	0.262	100	1.00	23.06	23.50	1.107	0.290
		Right Tilt	20300	1745.0	2.410	0.441	100	1.00	23.06	23.50	1.107	0.488
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20300	1745.0	-2.690	0.103	100	1.00	23.06	23.50	1.107	0.114
		Back	20300	1745.0	2.330	0.294	100	1.00	23.06	23.50	1.107	0.325
		Left	20300	1745.0	-3.200	0.040	100	1.00	23.06	23.50	1.107	0.044
		Right	20300	1745.0	2.130	0.045	100	1.00	23.06	23.50	1.107	0.050
		Top	20300	1745.0	-0.990	0.038	100	1.00	23.06	23.50	1.107	0.042
		Bottom	20300	1745.0	-2.760	0.009	100	1.00	23.06	23.50	1.107	0.010
	50%RB	Front	20300	1745.0	-4.220	0.095	100	1.00	23.06	23.50	1.107	0.105
		Back	20300	1745.0	-0.790	0.282	100	1.00	23.06	23.50	1.107	0.312
		Left	20300	1745.0	-2.740	0.035	100	1.00	23.06	23.50	1.107	0.039
		Right	20300	1745.0	-2.200	0.040	100	1.00	23.06	23.50	1.107	0.044
		Top	20300	1745.0	1.060	0.032	100	1.00	23.06	23.50	1.107	0.035
		Bottom	20300	1745.0	-2.270	0.007	100	1.00	23.06	23.50	1.107	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Left Cheek	20175	1732.5	0.290	0.259	100	1.00	21.93	22.00	1.016	0.263
		Left Tilt	20175	1732.5	2.990	0.541	100	1.00	21.93	22.00	1.016	0.550
		Right Cheek	20175	1732.5	-2.340	0.246	100	1.00	21.93	22.00	1.016	0.250
		Right Tilt	20175	1732.5	-4.570	0.460	100	1.00	21.93	22.00	1.016	0.467
	50%RB	Left Cheek	20175	1732.5	-0.180	0.242	100	1.00	21.93	22.00	1.016	0.246
		Left Tilt	20175	1732.5	-1.810	0.530	100	1.00	21.93	22.00	1.016	0.539
		Right Cheek	20175	1732.5	1.100	0.235	100	1.00	21.93	22.00	1.016	0.239
		Right Tilt	20175	1732.5	1.750	0.450	100	1.00	21.93	22.00	1.016	0.457
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n41 (BW: 20MHz)	1RB	Front	20175	1732.5	2.620	0.032	100	1.00	21.93	22.00	1.016	0.033
		Back	20175	1732.5	-0.590	0.048	100	1.00	21.93	22.00	1.016	0.049
		Left	20175	1732.5	3.120	0.025	100	1.00	21.93	22.00	1.016	0.025
		Right	20175	1732.5	-0.260	0.020	100	1.00	21.93	22.00	1.016	0.020
		Top	20175	1732.5	-1.160	0.014	100	1.00	21.93	22.00	1.016	0.014
		Bottom	20175	1732.5	1.370	0.005	100	1.00	21.93	22.00	1.016	0.005
	50%RB	Front	20175	1732.5	2.110	0.030	100	1.00	21.93	22.00	1.016	0.030
		Back	20175	1732.5	-0.190	0.042	100	1.00	21.93	22.00	1.016	0.043
		Left	20175	1732.5	0.650	0.021	100	1.00	21.93	22.00	1.016	0.021
		Right	20175	1732.5	3.600	0.018	100	1.00	21.93	22.00	1.016	0.018
		Top	20175	1732.5	2.770	0.013	100	1.00	21.93	22.00	1.016	0.013
		Bottom	20175	1732.5	2.060	0.004	100	1.00	21.93	22.00	1.016	0.004

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
4-n78 (BW: 20MHz)	1RB	Left Cheek	19975	1712.5	0.790	0.095	100	1.00	22.56	23.00	1.107	0.105
		Left Tilt	19975	1712.5	1.190	0.144	100	1.00	22.56	23.00	1.107	0.159
		Right Cheek	19975	1712.5	-4.020	0.086	100	1.00	22.56	23.00	1.107	0.095
		Right Tilt	19975	1712.5	4.160	0.100	100	1.00	22.56	23.00	1.107	0.111
	50%RB	Left Cheek	19975	1712.5	1.770	0.090	100	1.00	22.56	23.00	1.107	0.100
		Left Tilt	19975	1712.5	0.700	0.135	100	1.00	22.56	23.00	1.107	0.149
		Right Cheek	19975	1712.5	-3.510	0.080	100	1.00	22.56	23.00	1.107	0.089
		Right Tilt	19975	1712.5	-1.120	0.089	100	1.00	22.56	23.00	1.107	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)
4-n78 (BW: 20MHz)	1RB	Front	19975	1712.5	2.030	0.125	100	1.00	22.56	23.00	1.107	0.138
		Back	19975	1712.5	1.810	0.199	100	1.00	22.56	23.00	1.107	0.220
		Left	19975	1712.5	3.170	0.086	100	1.00	22.56	23.00	1.107	0.095
		Right	19975	1712.5	2.000	0.075	100	1.00	22.56	23.00	1.107	0.083
		Top	19975	1712.5	-1.070	0.065	100	1.00	22.56	23.00	1.107	0.072
		Bottom	19975	1712.5	-1.800	0.008	100	1.00	22.56	23.00	1.107	0.009
	50%RB	Front	19975	1712.5	2.500	0.120	100	1.00	22.56	23.00	1.107	0.133
		Back	19975	1712.5	0.720	0.185	100	1.00	22.56	23.00	1.107	0.205
		Left	19975	1712.5	3.610	0.080	100	1.00	22.56	23.00	1.107	0.089
		Right	19975	1712.5	-3.110	0.071	100	1.00	22.56	23.00	1.107	0.079
		Top	19975	1712.5	2.510	0.059	100	1.00	22.56	23.00	1.107	0.065
		Bottom	19975	1712.5	2.030	0.007	100	1.00	22.56	23.00	1.107	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n7 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	4.130	0.572	100	1.00	23.25	23.50	1.059	0.606
		Left Tilt	20600	844.0	-4.260	0.200	100	1.00	23.25	23.50	1.059	0.212
		Right Cheek	20600	844.0	2.430	0.752	100	1.00	23.25	23.50	1.059	0.797
		Right Tilt	20600	844.0	-0.420	0.234	100	1.00	23.25	23.50	1.059	0.248
	50%RB	Left Cheek	20600	844.0	-2.020	0.560	100	1.00	23.25	23.50	1.059	0.593
		Left Tilt	20600	844.0	-2.820	0.189	100	1.00	23.25	23.50	1.059	0.200
		Right Cheek	20600	844.0	-2.030	0.735	100	1.00	23.25	23.50	1.059	0.779
		Right Tilt	20600	844.0	1.800	0.202	100	1.00	23.25	23.50	1.059	0.214
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20600	844.0	2.310	0.251	100	1.00	23.25	23.50	1.059	0.266
		Back	20600	844.0	4.950	0.474	100	1.00	23.25	23.50	1.059	0.502
		Left	20600	844.0	2.880	0.156	100	1.00	23.25	23.50	1.059	0.165
		Right	20600	844.0	1.530	0.129	100	1.00	23.25	23.50	1.059	0.137
		Top	20600	844.0	3.610	0.135	100	1.00	23.25	23.50	1.059	0.143
		Bottom	20600	844.0	-1.030	0.014	100	1.00	23.25	23.50	1.059	0.015
	50%RB	Front	20600	844.0	-2.390	0.240	100	1.00	23.25	23.50	1.059	0.254
		Back	20600	844.0	-3.500	0.470	100	1.00	23.25	23.50	1.059	0.498
		Left	20600	844.0	2.300	0.139	100	1.00	23.25	23.50	1.059	0.147
		Right	20600	844.0	1.350	0.122	100	1.00	23.25	23.50	1.059	0.129
		Top	20600	844.0	-3.010	0.108	100	1.00	23.25	23.50	1.059	0.114
		Bottom	20600	844.0	-2.190	0.013	100	1.00	23.25	23.50	1.059	0.014

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n38 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	-1.190	0.565	100	1.00	23.24	23.50	1.062	0.600
		Left Tilt	20600	844.0	1.350	0.203	100	1.00	23.24	23.50	1.062	0.216
		Right Cheek	20600	844.0	-3.150	0.706	100	1.00	23.24	23.50	1.062	0.750
		Right Tilt	20600	844.0	-4.090	0.229	100	1.00	23.24	23.50	1.062	0.243
	50%RB	Left Cheek	20600	844.0	2.360	0.541	100	1.00	23.24	23.50	1.062	0.574
		Left Tilt	20600	844.0	1.350	0.192	100	1.00	23.24	23.50	1.062	0.204
		Right Cheek	20600	844.0	-1.260	0.685	100	1.00	23.24	23.50	1.062	0.727
		Right Tilt	20600	844.0	-3.220	0.211	100	1.00	23.24	23.50	1.062	0.224
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n38 (BW: 10MHz)	1RB	Front	20600	844.0	2.300	0.158	100	1.00	23.24	23.50	1.062	0.168
		Back	20600	844.0	4.420	0.358	100	1.00	23.24	23.50	1.062	0.380
		Left	20600	844.0	-3.020	0.103	100	1.00	23.24	23.50	1.062	0.109
		Right	20600	844.0	1.560	0.076	100	1.00	23.24	23.50	1.062	0.081
		Top	20600	844.0	-0.190	0.085	100	1.00	23.24	23.50	1.062	0.090
		Bottom	20600	844.0	-1.390	0.010	100	1.00	23.24	23.50	1.062	0.011
	50%RB	Front	20600	844.0	3.010	0.140	100	1.00	23.24	23.50	1.062	0.149
		Back	20600	844.0	2.790	0.342	100	1.00	23.24	23.50	1.062	0.363
		Left	20600	844.0	1.850	0.095	100	1.00	23.24	23.50	1.062	0.101
		Right	20600	844.0	0.750	0.070	100	1.00	23.24	23.50	1.062	0.074
		Top	20600	844.0	-2.660	0.081	100	1.00	23.24	23.50	1.062	0.086
		Bottom	20600	844.0	-1.740	0.008	100	1.00	23.24	23.50	1.062	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Left Cheek	20525	836.5	3.420	0.165	100	1.00	23.07	23.50	1.104	0.182
		Left Tilt	20525	836.5	4.450	0.556	100	1.00	23.07	23.50	1.104	0.614
		Right Cheek	20525	836.5	-1.820	0.726	100	1.00	23.07	23.50	1.104	0.802
		Right Tilt	20525	836.5	-4.790	0.219	100	1.00	23.07	23.50	1.104	0.242
	50%RB	Left Cheek	20525	836.5	2.030	0.160	100	1.00	23.07	23.50	1.104	0.177
		Left Tilt	20525	836.5	1.750	0.542	100	1.00	23.07	23.50	1.104	0.598
		Right Cheek	20525	836.5	-3.360	0.705	100	1.00	23.07	23.50	1.104	0.778
		Right Tilt	20525	836.5	2.310	0.196	100	1.00	23.07	23.50	1.104	0.216
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n41 (BW: 10MHz)	1RB	Front	20525	836.5	1.890	0.267	100	1.00	23.07	23.50	1.104	0.295
		Back	20525	836.5	2.180	0.362	100	1.00	23.07	23.50	1.104	0.400
		Left	20525	836.5	-3.900	0.179	100	1.00	23.07	23.50	1.104	0.198
		Right	20525	836.5	1.440	0.036	100	1.00	23.07	23.50	1.104	0.040
		Top	20525	836.5	-0.220	0.101	100	1.00	23.07	23.50	1.104	0.112
		Bottom	20525	836.5	-0.810	0.013	100	1.00	23.07	23.50	1.104	0.014
	50%RB	Front	20525	836.5	-1.450	0.257	100	1.00	23.07	23.50	1.104	0.284
		Back	20525	836.5	2.060	0.359	100	1.00	23.07	23.50	1.104	0.396
		Left	20525	836.5	-4.620	0.174	100	1.00	23.07	23.50	1.104	0.192
		Right	20525	836.5	1.020	0.030	100	1.00	23.07	23.50	1.104	0.033
		Top	20525	836.5	-1.680	0.092	100	1.00	23.07	23.50	1.104	0.102
		Bottom	20525	836.5	2.710	0.011	100	1.00	23.07	23.50	1.104	0.012

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n66 (BW: 10MHz)	1RB	Left Cheek	20600	844.0	-0.820	0.566	100	1.00	23.21	23.50	1.069	0.605
		Left Tilt	20600	844.0	2.000	0.114	100	1.00	23.21	23.50	1.069	0.122
		Right Cheek	20600	844.0	2.830	0.705	100	1.00	23.21	23.50	1.069	0.754
		Right Tilt	20600	844.0	-2.950	0.188	100	1.00	23.21	23.50	1.069	0.201
	50%RB	Left Cheek	20600	844.0	0.690	0.560	100	1.00	23.21	23.50	1.069	0.599
		Left Tilt	20600	844.0	-3.240	0.109	100	1.00	23.21	23.50	1.069	0.117
		Right Cheek	20600	844.0	1.460	0.689	100	1.00	23.21	23.50	1.069	0.737
		Right Tilt	20600	844.0	-3.300	0.172	100	1.00	23.21	23.50	1.069	0.184
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20600	844.0	-4.170	0.237	100	1.00	23.21	23.50	1.069	0.253
		Back	20600	844.0	4.260	0.350	100	1.00	23.21	23.50	1.069	0.374
		Left	20600	844.0	0.430	0.146	100	1.00	23.21	23.50	1.069	0.156
		Right	20600	844.0	3.900	0.029	100	1.00	23.21	23.50	1.069	0.031
		Top	20600	844.0	-2.360	0.102	100	1.00	23.21	23.50	1.069	0.109
		Bottom	20600	844.0	-0.370	0.012	100	1.00	23.21	23.50	1.069	0.013
	50%RB	Front	20600	844.0	2.060	0.230	100	1.00	23.21	23.50	1.069	0.246
		Back	20600	844.0	-1.340	0.341	100	1.00	23.21	23.50	1.069	0.365
		Left	20600	844.0	-2.310	0.135	100	1.00	23.21	23.50	1.069	0.144
		Right	20600	844.0	0.760	0.027	100	1.00	23.21	23.50	1.069	0.029
		Top	20600	844.0	-4.230	0.094	100	1.00	23.21	23.50	1.069	0.100
		Bottom	20600	844.0	3.640	0.010	100	1.00	23.21	23.50	1.069	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-n77 (BW: 10MHz)	1RB	Left Cheek	20450	829.0	-4.930	0.535	100	1.00	23.11	23.50	1.094	0.585
		Left Tilt	20450	829.0	-3.290	0.101	100	1.00	23.11	23.50	1.094	0.110
		Right Cheek	20450	829.0	2.120	0.600	100	1.00	23.11	23.50	1.094	0.656
		Right Tilt	20450	829.0	2.230	0.161	100	1.00	23.11	23.50	1.094	0.176
	50%RB	Left Cheek	20450	829.0	2.360	0.527	100	1.00	23.11	23.50	1.094	0.577
		Left Tilt	20450	829.0	-0.740	0.094	100	1.00	23.11	23.50	1.094	0.103
		Right Cheek	20450	829.0	0.680	0.586	100	1.00	23.11	23.50	1.094	0.641
		Right Tilt	20450	829.0	-2.140	0.149	100	1.00	23.11	23.50	1.094	0.163
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n77 (BW: 10MHz)	1RB	Front	20450	829.0	4.440	0.230	100	1.00	23.11	23.50	1.094	0.252
		Back	20450	829.0	1.360	0.342	100	1.00	23.11	23.50	1.094	0.374
		Left	20450	829.0	-0.470	0.142	100	1.00	23.11	23.50	1.094	0.155
		Right	20450	829.0	-3.830	0.023	100	1.00	23.11	23.50	1.094	0.025
		Top	20450	829.0	1.070	0.062	100	1.00	23.11	23.50	1.094	0.068
		Bottom	20450	829.0	4.160	0.012	100	1.00	23.11	23.50	1.094	0.013
	50%RB	Front	20450	829.0	3.200	0.225	100	1.00	23.11	23.50	1.094	0.246
		Back	20450	829.0	1.020	0.335	100	1.00	23.11	23.50	1.094	0.366
		Left	20450	829.0	-1.160	0.130	100	1.00	23.11	23.50	1.094	0.142
		Right	20450	829.0	2.750	0.020	100	1.00	23.11	23.50	1.094	0.022
		Top	20450	829.0	-1.360	0.058	100	1.00	23.11	23.50	1.094	0.063
		Bottom	20450	829.0	0.850	0.010	100	1.00	23.11	23.50	1.094	0.011

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Left Cheek	20425	826.5	-1.400	0.102	100	1.00	23.00	23.50	1.122	0.114
		Left Tilt	20425	826.5	4.600	0.525	100	1.00	23.00	23.50	1.122	0.589
		Right Cheek	20425	826.5	-2.810	0.602	100	1.00	23.00	23.50	1.122	0.675
		Right Tilt	20425	826.5	1.360	0.166	100	1.00	23.00	23.50	1.122	0.186
	50%RB	Left Cheek	20425	826.5	-1.360	0.095	100	1.00	23.00	23.50	1.122	0.107
		Left Tilt	20425	826.5	2.450	0.503	100	1.00	23.00	23.50	1.122	0.564
		Right Cheek	20425	826.5	3.460	0.592	100	1.00	23.00	23.50	1.122	0.664
		Right Tilt	20425	826.5	1.030	0.157	100	1.00	23.00	23.50	1.122	0.176
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5-n78 (BW: 10MHz)	1RB	Front	20425	826.5	-2.260	0.243	100	1.00	23.00	23.50	1.122	0.273
		Back	20425	826.5	4.030	0.342	100	1.00	23.00	23.50	1.122	0.384
		Left	20425	826.5	-4.200	0.116	100	1.00	23.00	23.50	1.122	0.130
		Right	20425	826.5	1.250	0.032	100	1.00	23.00	23.50	1.122	0.036
		Top	20425	826.5	-1.290	0.086	100	1.00	23.00	23.50	1.122	0.096
		Bottom	20425	826.5	1.830	0.015	100	1.00	23.00	23.50	1.122	0.017
	50%RB	Front	20425	826.5	-1.160	0.239	100	1.00	23.00	23.50	1.122	0.268
		Back	20425	826.5	2.100	0.335	100	1.00	23.00	23.50	1.122	0.376
		Left	20425	826.5	-4.360	0.108	100	1.00	23.00	23.50	1.122	0.121
		Right	20425	826.5	-3.360	0.030	100	1.00	23.00	23.50	1.122	0.034
		Top	20425	826.5	0.940	0.081	100	1.00	23.00	23.50	1.122	0.091
		Bottom	20425	826.5	2.300	0.013	100	1.00	23.00	23.50	1.122	0.015

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	2.360	0.202	100	1.00	21.86	22.00	1.033	0.209
		Left Tilt	21100	2535.0	0.790	0.335	100	1.00	21.86	22.00	1.033	0.346
		Right Cheek	21100	2535.0	-2.330	0.271	100	1.00	21.86	22.00	1.033	0.280
		Right Tilt	21100	2535.0	1.500	0.495	100	1.00	21.86	22.00	1.033	0.511
	50%RB	Left Cheek	21100	2535.0	1.460	0.185	100	1.00	21.86	22.00	1.033	0.191
		Left Tilt	21100	2535.0	2.300	0.324	100	1.00	21.86	22.00	1.033	0.335
		Right Cheek	21100	2535.0	-1.620	0.264	100	1.00	21.86	22.00	1.033	0.273
		Right Tilt	21100	2535.0	3.020	0.485	100	1.00	21.86	22.00	1.033	0.501
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n7 (BW: 20MHz)	1RB	Front	21100	2535.0	0.430	0.080	100	1.00	21.86	22.00	1.033	0.083
		Back	21100	2535.0	1.030	0.115	100	1.00	21.86	22.00	1.033	0.119
		Left	21100	2535.0	3.280	0.060	100	1.00	21.86	22.00	1.033	0.062
		Right	21100	2535.0	-4.250	0.021	100	1.00	21.86	22.00	1.033	0.022
		Top	21100	2535.0	-0.870	0.035	100	1.00	21.86	22.00	1.033	0.036
		Bottom	21100	2535.0	1.730	0.011	100	1.00	21.86	22.00	1.033	0.011
	50%RB	Front	21100	2535.0	1.460	0.075	100	1.00	21.86	22.00	1.033	0.077
		Back	21100	2535.0	2.400	0.106	100	1.00	21.86	22.00	1.033	0.109
		Left	21100	2535.0	-1.390	0.052	100	1.00	21.86	22.00	1.033	0.054
		Right	21100	2535.0	2.060	0.018	100	1.00	21.86	22.00	1.033	0.019
		Top	21100	2535.0	-3.640	0.030	100	1.00	21.86	22.00	1.033	0.031
		Bottom	21100	2535.0	1.020	0.009	100	1.00	21.86	22.00	1.033	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)
7-n66 (BW: 20MHz)	1RB	Left Cheek	21100	2535.0	3.980	0.169	100	1.00	22.15	22.50	1.084	0.183
		Left Tilt	21100	2535.0	-4.250	0.356	100	1.00	22.15	22.50	1.084	0.386
		Right Cheek	21100	2535.0	-4.620	0.291	100	1.00	22.15	22.50	1.084	0.315
		Right Tilt	21100	2535.0	-0.060	0.501	100	1.00	22.15	22.50	1.084	0.543
	50%RB	Left Cheek	21100	2535.0	1.120	0.160	100	1.00	22.15	22.50	1.084	0.173
		Left Tilt	21100	2535.0	3.120	0.342	100	1.00	22.15	22.50	1.084	0.371
		Right Cheek	21100	2535.0	-4.560	0.275	100	1.00	22.15	22.50	1.084	0.298
		Right Tilt	21100	2535.0	2.430	0.481	100	1.00	22.15	22.50	1.084	0.521
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-3.480	0.130	100	1.00	22.15	22.50	1.084	0.141
		Back	21100	2535.0	4.540	0.190	100	1.00	22.15	22.50	1.084	0.206
		Left	21100	2535.0	0.570	0.086	100	1.00	22.15	22.50	1.084	0.093
		Right	21100	2535.0	-1.730	0.044	100	1.00	22.15	22.50	1.084	0.048
		Top	21100	2535.0	-0.160	0.034	100	1.00	22.15	22.50	1.084	0.037
		Bottom	21100	2535.0	2.970	0.015	100	1.00	22.15	22.50	1.084	0.016
	50%RB	Front	21100	2535.0	-1.460	0.120	100	1.00	22.15	22.50	1.084	0.130
		Back	21100	2535.0	3.430	0.182	100	1.00	22.15	22.50	1.084	0.197
		Left	21100	2535.0	1.460	0.081	100	1.00	22.15	22.50	1.084	0.088
		Right	21100	2535.0	-2.640	0.040	100	1.00	22.15	22.50	1.084	0.043
		Top	21100	2535.0	-0.360	0.029	100	1.00	22.15	22.50	1.084	0.031
		Bottom	21100	2535.0	1.140	0.013	100	1.00	22.15	22.50	1.084	0.014

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n77 (BW: 20MHz)	1RB	Left Cheek	20850	2510.0	-4.800	0.069	100	1.00	22.57	23.00	1.104	0.076
		Left Tilt	20850	2510.0	1.450	0.115	100	1.00	22.57	23.00	1.104	0.127
		Right Cheek	20850	2510.0	3.320	0.104	100	1.00	22.57	23.00	1.104	0.115
		Right Tilt	20850	2510.0	4.520	0.130	100	1.00	22.57	23.00	1.104	0.144
	50%RB	Left Cheek	20850	2510.0	2.640	0.060	100	1.00	22.57	23.00	1.104	0.066
		Left Tilt	20850	2510.0	-1.480	0.112	100	1.00	22.57	23.00	1.104	0.124
		Right Cheek	20850	2510.0	3.620	0.095	100	1.00	22.57	23.00	1.104	0.105
		Right Tilt	20850	2510.0	-4.660	0.124	100	1.00	22.57	23.00	1.104	0.137
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	20850	2510.0	-4.180	0.061	100	1.00	22.57	23.00	1.104	0.067
		Back	20850	2510.0	4.100	0.088	100	1.00	22.57	23.00	1.104	0.097
		Left	20850	2510.0	0.950	0.046	100	1.00	22.57	23.00	1.104	0.051
		Right	20850	2510.0	-2.600	0.028	100	1.00	22.57	23.00	1.104	0.031
		Top	20850	2510.0	-3.460	0.027	100	1.00	22.57	23.00	1.104	0.030
		Bottom	20850	2510.0	-4.270	0.016	100	1.00	22.57	23.00	1.104	0.018
	50%RB	Front	20850	2510.0	1.790	0.057	100	1.00	22.57	23.00	1.104	0.063
		Back	20850	2510.0	-2.240	0.080	100	1.00	22.57	23.00	1.104	0.088
		Left	20850	2510.0	2.460	0.041	100	1.00	22.57	23.00	1.104	0.045
		Right	20850	2510.0	1.150	0.026	100	1.00	22.57	23.00	1.104	0.029
		Top	20850	2510.0	2.600	0.020	100	1.00	22.57	23.00	1.104	0.022
		Bottom	20850	2510.0	1.460	0.014	100	1.00	22.57	23.00	1.104	0.015

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Left Cheek	20775	2502.5	0.700	0.124	100	1.00	22.44	22.50	1.014	0.126
		Left Tilt	20775	2502.5	-0.120	0.113	100	1.00	22.44	22.50	1.014	0.115
		Right Cheek	20775	2502.5	0.280	0.142	100	1.00	22.44	22.50	1.014	0.144
		Right Tilt	20775	2502.5	2.510	0.137	100	1.00	22.44	22.50	1.014	0.139
	50%RB	Left Cheek	20775	2502.5	1.260	0.120	100	1.00	22.44	22.50	1.014	0.122
		Left Tilt	20775	2502.5	-0.440	0.109	100	1.00	22.44	22.50	1.014	0.111
		Right Cheek	20775	2502.5	-4.460	0.140	100	1.00	22.44	22.50	1.014	0.142
		Right Tilt	20775	2502.5	1.760	0.132	100	1.00	22.44	22.50	1.014	0.134
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
7-n78 (BW: 20MHz)	1RB	Front	20775	2502.5	-2.780	0.061	100	1.00	22.44	22.50	1.014	0.062
		Back	20775	2502.5	4.530	0.085	100	1.00	22.44	22.50	1.014	0.086
		Left	20775	2502.5	2.600	0.046	100	1.00	22.44	22.50	1.014	0.047
		Right	20775	2502.5	3.770	0.017	100	1.00	22.44	22.50	1.014	0.017
		Top	20775	2502.5	1.800	0.025	100	1.00	22.44	22.50	1.014	0.025
		Bottom	20775	2502.5	3.490	0.011	100	1.00	22.44	22.50	1.014	0.011
	50%RB	Front	20775	2502.5	2.130	0.058	100	1.00	22.44	22.50	1.014	0.059
		Back	20775	2502.5	4.760	0.081	100	1.00	22.44	22.50	1.014	0.082
		Left	20775	2502.5	1.130	0.043	100	1.00	22.44	22.50	1.014	0.044
		Right	20775	2502.5	-2.340	0.015	100	1.00	22.44	22.50	1.014	0.015
		Top	20775	2502.5	-1.050	0.022	100	1.00	22.44	22.50	1.014	0.022
		Bottom	20775	2502.5	-4.360	0.009	100	1.00	22.44	22.50	1.014	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
38-n78 (BW: 20MHz)	1RB	Left Cheek	37775	2572.5	0.220	0.062	100	1.00	22.42	22.50	1.019	0.063
		Left Tilt	37775	2572.5	4.930	0.100	100	1.00	22.42	22.50	1.019	0.102
		Right Cheek	37775	2572.5	-4.400	0.168	100	1.00	22.42	22.50	1.019	0.171
		Right Tilt	37775	2572.5	0.090	0.182	100	1.00	22.42	22.50	1.019	0.185
	50%RB	Left Cheek	37775	2572.5	2.060	0.057	100	1.00	22.42	22.50	1.019	0.058
		Left Tilt	37775	2572.5	1.460	0.086	100	1.00	22.42	22.50	1.019	0.088
		Right Cheek	37775	2572.5	-4.310	0.159	100	1.00	22.42	22.50	1.019	0.162
		Right Tilt	37775	2572.5	0.950	0.175	100	1.00	22.42	22.50	1.019	0.178
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
38-n78 (BW: 20MHz)	1RB	Front	37775	2572.5	-1.220	0.056	100	1.00	22.42	22.50	1.019	0.057
		Back	37775	2572.5	4.330	0.076	100	1.00	22.42	22.50	1.019	0.077
		Left	37775	2572.5	-2.600	0.036	100	1.00	22.42	22.50	1.019	0.037
		Right	37775	2572.5	2.600	0.016	100	1.00	22.42	22.50	1.019	0.016
		Top	37775	2572.5	-4.800	0.025	100	1.00	22.42	22.50	1.019	0.025
		Bottom	37775	2572.5	0.380	0.011	100	1.00	22.42	22.50	1.019	0.011
	50%RB	Front	37775	2572.5	1.820	0.050	100	1.00	22.42	22.50	1.019	0.051
		Back	37775	2572.5	3.740	0.071	100	1.00	22.42	22.50	1.019	0.072
		Left	37775	2572.5	-2.610	0.030	100	1.00	22.42	22.50	1.019	0.031
		Right	37775	2572.5	-1.720	0.014	100	1.00	22.42	22.50	1.019	0.014
		Top	37775	2572.5	1.230	0.022	100	1.00	22.42	22.50	1.019	0.022
		Bottom	37775	2572.5	3.670	0.009	100	1.00	22.42	22.50	1.019	0.009

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	1.320	0.050	100	1.00	22.45	22.50	1.012	0.051
		Left Tilt	40620	2593.0	2.020	0.108	100	1.00	22.45	22.50	1.012	0.109
		Right Cheek	40620	2593.0	-2.330	0.085	100	1.00	22.45	22.50	1.012	0.086
		Right Tilt	40620	2593.0	2.030	0.149	100	1.00	22.45	22.50	1.012	0.151
	50%RB	Left Cheek	40620	2593.0	1.630	0.045	100	1.00	22.45	22.50	1.012	0.046
		Left Tilt	40620	2593.0	2.460	0.103	100	1.00	22.45	22.50	1.012	0.104
		Right Cheek	40620	2593.0	-2.850	0.080	100	1.00	22.45	22.50	1.012	0.081
		Right Tilt	40620	2593.0	0.500	0.141	100	1.00	22.45	22.50	1.012	0.143
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n41 (BW: 20MHz)	1RB	Front	40620	2593.0	2.300	0.065	100	1.00	22.45	22.50	1.012	0.066
		Back	40620	2593.0	-0.960	0.094	100	1.00	22.45	22.50	1.012	0.095
		Left	40620	2593.0	1.130	0.049	100	1.00	22.45	22.50	1.012	0.050
		Right	40620	2593.0	3.240	0.020	100	1.00	22.45	22.50	1.012	0.020
		Top	40620	2593.0	1.260	0.039	100	1.00	22.45	22.50	1.012	0.039
		Bottom	40620	2593.0	-0.850	0.014	100	1.00	22.45	22.50	1.012	0.014
	50%RB	Front	40620	2593.0	0.790	0.060	100	1.00	22.45	22.50	1.012	0.061
		Back	40620	2593.0	-1.320	0.091	100	1.00	22.45	22.50	1.012	0.092
		Left	40620	2593.0	1.630	0.045	100	1.00	22.45	22.50	1.012	0.046
		Right	40620	2593.0	-4.950	0.015	100	1.00	22.45	22.50	1.012	0.015
		Top	40620	2593.0	1.340	0.032	100	1.00	22.45	22.50	1.012	0.032
		Bottom	40620	2593.0	-4.330	0.012	100	1.00	22.45	22.50	1.012	0.012

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n77 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	2.220	0.054	100	1.00	22.35	22.50	1.035	0.056
		Left Tilt	40620	2593.0	3.340	0.102	100	1.00	22.35	22.50	1.035	0.106
		Right Cheek	40620	2593.0	-2.740	0.077	100	1.00	22.35	22.50	1.035	0.080
		Right Tilt	40620	2593.0	3.740	0.142	100	1.00	22.35	22.50	1.035	0.147
	50%RB	Left Cheek	40620	2593.0	1.300	0.050	100	1.00	22.35	22.50	1.035	0.052
		Left Tilt	40620	2593.0	0.940	0.089	100	1.00	22.35	22.50	1.035	0.092
		Right Cheek	40620	2593.0	-2.820	0.071	100	1.00	22.35	22.50	1.035	0.073
		Right Tilt	40620	2593.0	-3.710	0.130	100	1.00	22.35	22.50	1.035	0.135
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	-1.770	0.061	100	1.00	22.35	22.50	1.035	0.063
		Back	40620	2593.0	-0.050	0.089	100	1.00	22.35	22.50	1.035	0.092
		Left	40620	2593.0	-4.130	0.041	100	1.00	22.35	22.50	1.035	0.042
		Right	40620	2593.0	-3.040	0.016	100	1.00	22.35	22.50	1.035	0.017
		Top	40620	2593.0	-2.670	0.031	100	1.00	22.35	22.50	1.035	0.032
		Bottom	40620	2593.0	-1.060	0.011	100	1.00	22.35	22.50	1.035	0.011
	50%RB	Front	40620	2593.0	2.030	0.054	100	1.00	22.35	22.50	1.035	0.056
		Back	40620	2593.0	1.260	0.081	100	1.00	22.35	22.50	1.035	0.084
		Left	40620	2593.0	3.810	0.034	100	1.00	22.35	22.50	1.035	0.035
		Right	40620	2593.0	-4.290	0.015	100	1.00	22.35	22.50	1.035	0.016
		Top	40620	2593.0	-0.920	0.025	100	1.00	22.35	22.50	1.035	0.026
		Bottom	40620	2593.0	-0.140	0.008	100	1.00	22.35	22.50	1.035	0.008

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
41-n78 (BW: 20MHz)	1RB	Left Cheek	40620	2593.0	-3.050	0.058	100	1.00	22.41	22.50	1.021	0.059
		Left Tilt	40620	2593.0	-1.240	0.097	100	1.00	22.41	22.50	1.021	0.099
		Right Cheek	40620	2593.0	-1.450	0.088	100	1.00	22.41	22.50	1.021	0.090
		Right Tilt	40620	2593.0	2.150	0.143	100	1.00	22.41	22.50	1.021	0.146
	50%RB	Left Cheek	40620	2593.0	2.360	0.051	100	1.00	22.41	22.50	1.021	0.052
		Left Tilt	40620	2593.0	-1.290	0.092	100	1.00	22.41	22.50	1.021	0.094
		Right Cheek	40620	2593.0	2.790	0.081	100	1.00	22.41	22.50	1.021	0.083
		Right Tilt	40620	2593.0	3.020	0.135	100	1.00	22.41	22.50	1.021	0.138
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	2.560	0.069	100	1.00	22.41	22.50	1.021	0.070
		Back	40620	2593.0	4.530	0.078	100	1.00	22.41	22.50	1.021	0.080
		Left	40620	2593.0	-1.520	0.027	100	1.00	22.41	22.50	1.021	0.028
		Right	40620	2593.0	2.600	0.015	100	1.00	22.41	22.50	1.021	0.015
		Top	40620	2593.0	-2.180	0.014	100	1.00	22.41	22.50	1.021	0.014
		Bottom	40620	2593.0	-3.810	0.008	100	1.00	22.41	22.50	1.021	0.008
	50%RB	Front	40620	2593.0	0.640	0.062	100	1.00	22.41	22.50	1.021	0.063
		Back	40620	2593.0	2.310	0.071	100	1.00	22.41	22.50	1.021	0.072
		Left	40620	2593.0	-1.260	0.022	100	1.00	22.41	22.50	1.021	0.022
		Right	40620	2593.0	2.600	0.013	100	1.00	22.41	22.50	1.021	0.013
		Top	40620	2593.0	-1.250	0.010	100	1.00	22.41	22.50	1.021	0.010
		Bottom	40620	2593.0	3.420	0.007	100	1.00	22.41	22.50	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-n7 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	2.460	0.291	100	1.00	21.81	22.00	1.045	0.304
		Left Tilt	132322	1745.0	4.140	0.311	100	1.00	21.81	22.00	1.045	0.325
		Right Cheek	132322	1745.0	4.080	0.266	100	1.00	21.81	22.00	1.045	0.278
		Right Tilt	132322	1745.0	0.720	0.269	100	1.00	21.81	22.00	1.045	0.281
	50%RB	Left Cheek	132322	1745.0	1.590	0.189	100	1.00	21.81	22.00	1.045	0.197
		Left Tilt	132322	1745.0	2.690	0.202	100	1.00	21.81	22.00	1.045	0.211
		Right Cheek	132322	1745.0	2.650	0.172	100	1.00	21.81	22.00	1.045	0.180
		Right Tilt	132322	1745.0	0.460	0.174	100	1.00	21.81	22.00	1.045	0.182
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	1745.0	-2.710	0.102	100	1.00	21.81	22.00	1.045	0.107
		Back	132322	1745.0	4.680	0.146	100	1.00	21.81	22.00	1.045	0.153
		Left	132322	1745.0	-3.840	0.082	100	1.00	21.81	22.00	1.045	0.086
		Right	132322	1745.0	-0.780	0.046	100	1.00	21.81	22.00	1.045	0.048
		Top	132322	1745.0	-2.380	0.054	100	1.00	21.81	22.00	1.045	0.056
		Bottom	132322	1745.0	2.040	0.023	100	1.00	21.81	22.00	1.045	0.024
	50%RB	Front	132322	1745.0	-1.760	0.066	100	1.00	21.81	22.00	1.045	0.069
		Back	132322	1745.0	3.040	0.094	100	1.00	21.81	22.00	1.045	0.098
		Left	132322	1745.0	-2.490	0.053	100	1.00	21.81	22.00	1.045	0.055
		Right	132322	1745.0	-0.510	0.029	100	1.00	21.81	22.00	1.045	0.030
		Top	132322	1745.0	-1.540	0.035	100	1.00	21.81	22.00	1.045	0.037
		Bottom	132322	1745.0	1.320	0.014	100	1.00	21.81	22.00	1.045	0.015

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n38 (BW: 20MHz)	1RB	Left Cheek	132072	1720.0	4.960	0.168	100	1.00	22.02	22.50	1.117	0.188
		Left Tilt	132072	1720.0	5.720	0.302	100	1.00	22.02	22.50	1.117	0.337
		Right Cheek	132072	1720.0	-4.840	0.252	100	1.00	22.02	22.50	1.117	0.281
		Right Tilt	132072	1720.0	-4.390	0.388	100	1.00	22.02	22.50	1.117	0.433
	50%RB	Left Cheek	132072	1720.0	3.220	0.109	100	1.00	22.02	22.50	1.117	0.122
		Left Tilt	132072	1720.0	3.710	0.196	100	1.00	22.02	22.50	1.117	0.219
		Right Cheek	132072	1720.0	-3.140	0.163	100	1.00	22.02	22.50	1.117	0.182
		Right Tilt	132072	1720.0	-2.850	0.252	100	1.00	22.02	22.50	1.117	0.281
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g 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	132072	1720.0	-3.810	0.114	100	1.00	22.02	22.50	1.117	0.127
		Back	132072	1720.0	4.180	0.130	100	1.00	22.02	22.50	1.117	0.145
		Left	132072	1720.0	4.250	0.069	100	1.00	22.02	22.50	1.117	0.077
		Right	132072	1720.0	4.470	0.046	100	1.00	22.02	22.50	1.117	0.051
		Top	132072	1720.0	-2.610	0.051	100	1.00	22.02	22.50	1.117	0.057
		Bottom	132072	1720.0	3.430	0.026	100	1.00	22.02	22.50	1.117	0.029
	50%RB	Front	132072	1720.0	-2.470	0.074	100	1.00	22.02	22.50	1.117	0.083
		Back	132072	1720.0	2.710	0.084	100	1.00	22.02	22.50	1.117	0.094
		Left	132072	1720.0	2.760	0.044	100	1.00	22.02	22.50	1.117	0.049
		Right	132072	1720.0	2.900	0.029	100	1.00	22.02	22.50	1.117	0.032
		Top	132072	1720.0	-1.690	0.033	100	1.00	22.02	22.50	1.117	0.037
		Bottom	132072	1720.0	2.220	0.016	100	1.00	22.02	22.50	1.117	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-n41 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	-1.740	0.179	100	1.00	21.94	22.00	1.014	0.181
		Left Tilt	132322	1745.0	4.580	0.292	100	1.00	21.94	22.00	1.014	0.296
		Right Cheek	132322	1745.0	-4.480	0.230	100	1.00	21.94	22.00	1.014	0.233
		Right Tilt	132322	1745.0	-4.460	0.248	100	1.00	21.94	22.00	1.014	0.251
	50%RB	Left Cheek	132322	1745.0	-1.864	0.089	100	1.00	21.94	22.00	1.014	0.090
		Left Tilt	132322	1745.0	4.456	0.146	100	1.00	21.94	22.00	1.014	0.148
		Right Cheek	132322	1745.0	-4.604	0.115	100	1.00	21.94	22.00	1.014	0.117
		Right Tilt	132322	1745.0	-4.584	0.124	100	1.00	21.94	22.00	1.014	0.126
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n41 (BW: 20MHz)	1RB	Front	132322	1745.0	0.460	0.102	100	1.00	21.94	22.00	1.014	0.103
		Back	132322	1745.0	0.210	0.132	100	1.00	21.94	22.00	1.014	0.134
		Left	132322	1745.0	4.900	0.062	100	1.00	21.94	22.00	1.014	0.063
		Right	132322	1745.0	-0.400	0.024	100	1.00	21.94	22.00	1.014	0.024
		Top	132322	1745.0	-4.380	0.046	100	1.00	21.94	22.00	1.014	0.047
		Bottom	132322	1745.0	2.750	0.015	100	1.00	21.94	22.00	1.014	0.015
	50%RB	Front	132322	1745.0	0.336	0.051	100	1.00	21.94	22.00	1.014	0.052
		Back	132322	1745.0	0.086	0.066	100	1.00	21.94	22.00	1.014	0.067
		Left	132322	1745.0	4.776	0.031	100	1.00	21.94	22.00	1.014	0.031
		Right	132322	1745.0	-0.524	0.012	100	1.00	21.94	22.00	1.014	0.012
		Top	132322	1745.0	-4.504	0.023	100	1.00	21.94	22.00	1.014	0.023
		Bottom	132322	1745.0	2.626	0.007	100	1.00	21.94	22.00	1.014	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-n66 (BW: 20MHz)	1RB	Left Cheek	132322	1745.0	0.030	0.041	100	1.00	22.20	22.50	1.072	0.044
		Left Tilt	132322	1745.0	1.380	0.084	100	1.00	22.20	22.50	1.072	0.090
		Right Cheek	132322	1745.0	0.360	0.075	100	1.00	22.20	22.50	1.072	0.080
		Right Tilt	132322	1745.0	-2.020	0.119	100	1.00	22.20	22.50	1.072	0.128
	50%RB	Left Cheek	132322	1745.0	0.060	0.027	100	1.00	22.20	22.50	1.072	0.029
		Left Tilt	132322	1745.0	0.940	0.054	100	1.00	22.20	22.50	1.072	0.058
		Right Cheek	132322	1745.0	0.280	0.047	100	1.00	22.20	22.50	1.072	0.050
		Right Tilt	132322	1745.0	-1.270	0.077	100	1.00	22.20	22.50	1.072	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)
66-n66 (BW: 20MHz)	1RB	Front	132322	1745.0	2.190	0.044	100	1.00	22.20	22.50	1.072	0.047
		Back	132322	1745.0	4.250	0.070	100	1.00	22.20	22.50	1.072	0.075
		Left	132322	1745.0	1.040	0.029	100	1.00	22.20	22.50	1.072	0.031
		Right	132322	1745.0	-0.010	0.014	100	1.00	22.20	22.50	1.072	0.015
		Top	132322	1745.0	3.530	0.023	100	1.00	22.20	22.50	1.072	0.025
		Bottom	132322	1745.0	-1.070	0.011	100	1.00	22.20	22.50	1.072	0.012
	50%RB	Front	132322	1745.0	1.470	0.028	100	1.00	22.20	22.50	1.072	0.030
		Back	132322	1745.0	2.810	0.045	100	1.00	22.20	22.50	1.072	0.048
		Left	132322	1745.0	0.720	0.018	100	1.00	22.20	22.50	1.072	0.019
		Right	132322	1745.0	0.030	0.008	100	1.00	22.20	22.50	1.072	0.009
		Top	132322	1745.0	2.340	0.014	100	1.00	22.20	22.50	1.072	0.015
		Bottom	132322	1745.0	-0.650	0.006	100	1.00	22.20	22.50	1.072	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n77 (BW: 20MHz)	1RB	Left Cheek	131997	1712.5	-0.080	0.034	100	1.00	22.57	23.00	1.104	0.038
		Left Tilt	131997	1712.5	1.270	0.069	100	1.00	22.57	23.00	1.104	0.076
		Right Cheek	131997	1712.5	0.250	0.061	100	1.00	22.57	23.00	1.104	0.067
		Right Tilt	131997	1712.5	-2.140	0.097	100	1.00	22.57	23.00	1.104	0.107
	50%RB	Left Cheek	131997	1712.5	-0.052	0.022	100	1.00	22.57	23.00	1.104	0.024
		Left Tilt	131997	1712.5	0.825	0.044	100	1.00	22.57	23.00	1.104	0.049
		Right Cheek	131997	1712.5	0.162	0.039	100	1.00	22.57	23.00	1.104	0.043
		Right Tilt	131997	1712.5	-1.391	0.063	100	1.00	22.57	23.00	1.104	0.070
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n77 (BW: 20MHz)	1RB	Front	131997	1712.5	2.080	0.036	100	1.00	22.57	23.00	1.104	0.040
		Back	131997	1712.5	4.140	0.057	100	1.00	22.57	23.00	1.104	0.063
		Left	131997	1712.5	0.930	0.024	100	1.00	22.57	23.00	1.104	0.026
		Right	131997	1712.5	-0.130	0.012	100	1.00	22.57	23.00	1.104	0.013
		Top	131997	1712.5	3.420	0.019	100	1.00	22.57	23.00	1.104	0.021
		Bottom	131997	1712.5	-1.190	0.009	100	1.00	22.57	23.00	1.104	0.010
	50%RB	Front	131997	1712.5	1.352	0.023	100	1.00	22.57	23.00	1.104	0.025
		Back	131997	1712.5	2.691	0.037	100	1.00	22.57	23.00	1.104	0.041
		Left	131997	1712.5	0.604	0.015	100	1.00	22.57	23.00	1.104	0.017
		Right	131997	1712.5	-0.084	0.007	100	1.00	22.57	23.00	1.104	0.008
		Top	131997	1712.5	2.223	0.012	100	1.00	22.57	23.00	1.104	0.013
		Bottom	131997	1712.5	-0.773	0.005	100	1.00	22.57	23.00	1.104	0.006

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n78 (BW: 20MHz)	1RB	Left Cheek	131997	1712.5	4.490	0.052	100	1.00	22.51	23.00	1.119	0.058
		Left Tilt	131997	1712.5	-2.130	0.063	100	1.00	22.51	23.00	1.119	0.071
		Right Cheek	131997	1712.5	2.550	0.085	100	1.00	22.51	23.00	1.119	0.095
		Right Tilt	131997	1712.5	-2.890	0.096	100	1.00	22.51	23.00	1.119	0.107
	50%RB	Left Cheek	131997	1712.5	2.910	0.033	100	1.00	22.51	23.00	1.119	0.037
		Left Tilt	131997	1712.5	-1.380	0.040	100	1.00	22.51	23.00	1.119	0.045
		Right Cheek	131997	1712.5	1.650	0.055	100	1.00	22.51	23.00	1.119	0.062
		Right Tilt	131997	1712.5	-1.870	0.062	100	1.00	22.51	23.00	1.119	0.069
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
66-n78 (BW: 20MHz)	1RB	Front	131997	1712.5	-1.350	0.042	100	1.00	22.51	23.00	1.119	0.047
		Back	131997	1712.5	4.770	0.061	100	1.00	22.51	23.00	1.119	0.068
		Left	131997	1712.5	-0.450	0.026	100	1.00	22.51	23.00	1.119	0.029
		Right	131997	1712.5	-0.380	0.011	100	1.00	22.51	23.00	1.119	0.012
		Top	131997	1712.5	2.540	0.022	100	1.00	22.51	23.00	1.119	0.025
		Bottom	131997	1712.5	-3.180	0.009	100	1.00	22.51	23.00	1.119	0.010
	50%RB	Front	131997	1712.5	-0.870	0.027	100	1.00	22.51	23.00	1.119	0.030
		Back	131997	1712.5	3.100	0.039	100	1.00	22.51	23.00	1.119	0.044
		Left	131997	1712.5	-0.290	0.016	100	1.00	22.51	23.00	1.119	0.018
		Right	131997	1712.5	-0.240	0.007	100	1.00	22.51	23.00	1.119	0.008
		Top	131997	1712.5	1.650	0.014	100	1.00	22.51	23.00	1.119	0.016
		Bottom	131997	1712.5	-2.060	0.005	100	1.00	22.51	23.00	1.119	0.006

11.4.6 Results overview of WiFi

Mode	Position	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
2.4g (2.4~2.4835) 802.11ax(HT40)	Left Cheek	3	2442	0.050	0.297	100	1.00	28.03	28.50	1.114	0.331
	Left Tilt	3	2442	-0.100	0.403	100	1.00	28.03	28.50	1.114	0.449
	Right Cheek	3	2442	0.110	0.116	100	1.00	28.03	28.50	1.114	0.129
	Right Tilt	3	2442	0.160	0.237	100	1.00	28.03	28.50	1.114	0.264
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) 802.11ax(HT40)	Front	3	2442	0.250	0.014	100	1.00	28.03	28.50	1.114	0.016
	Back	3	2442	3.210	0.185	100	1.00	28.03	28.50	1.114	0.206
	Left	3	2442	1.920	0.111	100	1.00	28.03	28.50	1.114	0.124
	Right	3	2442	1.600	0.092	100	1.00	28.03	28.50	1.114	0.103
	Top	3	2442	1.280	0.074	100	1.00	28.03	28.50	1.114	0.082
	Bottom	3	2442	3.390	0.012	100	1.00	28.03	28.50	1.114	0.013

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 5180-5240 802.11n- HT20	Left Cheek	48	5240	-0.080	0.072	100	1.00	9.40	9.50	1.023	0.074
	Left Tilt	48	5240	0.190	0.241	100	1.00	9.40	9.50	1.023	0.247
	Right Cheek	48	5240	0.120	0.053	100	1.00	9.40	9.50	1.023	0.054
	Right Tilt	48	5240	0.040	0.124	100	1.00	9.40	9.50	1.023	0.127
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band1 802.11n- HT20	Front	48	5240	0.240	0.100	100	1.00	9.40	9.50	1.023	0.102
	Back	48	5240	-0.060	0.104	100	1.00	9.40	9.50	1.023	0.106
	Left	48	5240	3.370	0.084	100	1.00	9.40	9.50	1.023	0.086
	Right	48	5240	2.150	0.063	100	1.00	9.40	9.50	1.023	0.064
	Top	48	5240	-4.150	0.042	100	1.00	9.40	9.50	1.023	0.043
	Bottom	48	5240	-0.540	0.021	100	1.00	9.40	9.50	1.023	0.021

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band2 5260-5320 802.11n- HT20	Left Cheek	64	5320	0.110	0.154	100	1.00	10.79	11.00	1.050	0.162
	Left Tilt	64	5320	0.060	0.345	100	1.00	10.79	11.00	1.050	0.362
	Right Cheek	64	5320	0.070	0.115	100	1.00	10.79	11.00	1.050	0.121
	Right Tilt	64	5320	-0.040	0.146	100	1.00	10.79	11.00	1.050	0.153
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	0.070	0.128	100	1.00	10.79	11.00	1.050	0.134
	Back	64	5320	-0.300	0.130	100	1.00	10.79	11.00	1.050	0.136
	Left	64	5320	0.710	0.084	100	1.00	10.79	11.00	1.050	0.088
	Right	64	5320	-0.440	0.063	100	1.00	10.79	11.00	1.050	0.066
	Top	64	5320	-0.160	0.042	100	1.00	10.79	11.00	1.050	0.044
	Bottom	64	5320	-0.360	0.012	100	1.00	10.79	11.00	1.050	0.013

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Left Cheek	100	5500	0.430	0.398	100	1.00	13.78	14.00	1.052	0.419
	Left Tilt	100	5500	3.190	0.163	100	1.00	13.78	14.00	1.052	0.171
	Right Cheek	100	5500	0.860	0.179	100	1.00	13.78	14.00	1.052	0.188
	Right Tilt	100	5500	-0.200	0.464	100	1.00	13.78	14.00	1.052	0.488
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band3 5500-5700 802.11n- HT20	Front	100	5500	-0.170	0.043	100	1.00	13.78	14.00	1.052	0.045
	Back	100	5500	0.090	0.174	100	1.00	13.78	14.00	1.052	0.183
	Left	100	5500	1.140	0.035	100	1.00	13.78	14.00	1.052	0.037
	Right	100	5500	1.700	0.021	100	1.00	13.78	14.00	1.052	0.022
	Top	100	5500	2.850	0.015	100	1.00	13.78	14.00	1.052	0.016
	Bottom	100	5500	-4.190	0.006	100	1.00	13.78	14.00	1.052	0.006

Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11ac- VHT20	Left Cheek	149	5745	-0.090	0.023	100	1.00	12.70	13.00	1.072	0.025
	Left Tilt	149	5745	-0.190	0.184	100	1.00	12.70	13.00	1.072	0.197
	Right Cheek	149	5745	0.070	0.031	100	1.00	12.70	13.00	1.072	0.033
	Right Tilt	149	5745	-0.140	0.097	100	1.00	12.70	13.00	1.072	0.104
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
5g Band4 5745-5825 802.11ac- VHT20	Front	149	5745	-0.140	0.144	100	1.00	12.70	13.00	1.072	0.154
	Back	149	5745	-0.130	0.180	100	1.00	12.70	13.00	1.072	0.193
	Left	149	5745	-0.070	0.108	100	1.00	12.70	13.00	1.072	0.116
	Right	149	5745	-0.057	0.079	100	1.00	12.70	13.00	1.072	0.085
	Top	149	5745	-0.040	0.055	100	1.00	12.70	13.00	1.072	0.059
	Bottom	149	5745	1.110	0.020	100	1.00	12.70	13.00	1.072	0.021

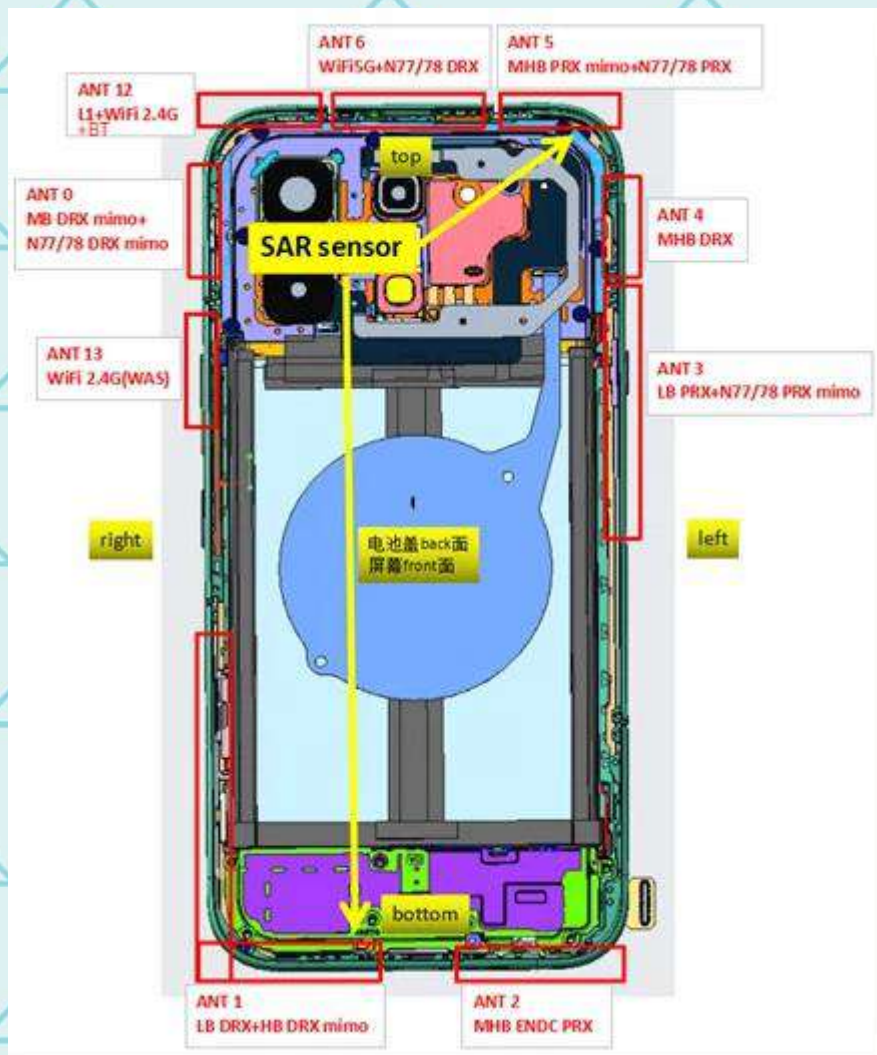
Mode	Position	Ch.	Freq. (MHz)	Power Drift (db)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)
Bluetooth	Left Cheek	78	2480	-0.130	0.101	100	1.00	9.81	10.50	1.172	0.118
	Left Tilt	78	2480	-0.190	0.051	100	1.00	9.81	10.50	1.172	0.060
	Right Cheek	78	2480	0.020	0.052	100	1.00	9.81	10.50	1.172	0.061
	Right Tilt	78	2480	0.160	0.028	100	1.00	9.81	10.50	1.172	0.033
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	0.060	0.017	100	1.00	9.81	10.50	1.172	0.020
	Back	78	2480	-0.190	0.030	100	1.00	9.81	10.50	1.172	0.035
	Left	78	2480	0.180	0.014	100	1.00	9.81	10.50	1.172	0.016
	Right	78	2480	0.100	0.040	100	1.00	9.81	10.50	1.172	0.047
	Top	78	2480	-0.020	0.021	100	1.00	9.81	10.50	1.172	0.025
	Bottom	78	2480	0.130	0.008	100	1.00	9.81	10.50	1.172	0.009

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 2.4GWi-Fi ,because the BT and 2.4GWi-Fi share the same antenna and can't transmit simultaneously.

i

12.1.1 SAR Summation Scenario

Head

Band	Test Position	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)				
GSM850 (voice)	Left Cheek	0.159	0.331	0.419	0.118	0.490	0.578	0.277	1.6
	Left Tilt	0.043	0.449	0.171	0.060	0.492	0.214	0.103	
	Right Cheek	0.179	0.129	0.188	0.061	0.308	0.367	0.240	
	Right Tilt	0.048	0.264	0.488	0.033	0.312	0.536	0.081	
GSM1900 (voice)	Left Cheek	0.042	0.331	0.419	0.118	0.373	0.461	0.160	
	Left Tilt	0.016	0.449	0.171	0.060	0.465	0.187	0.076	
	Right Cheek	0.063	0.129	0.188	0.061	0.192	0.251	0.124	
	Right Tilt	0.021	0.264	0.488	0.033	0.285	0.509	0.054	
WCDMA Band 2	Left Cheek	0.081	0.331	0.419	0.118	0.412	0.500	0.199	
	Left Tilt	0.038	0.449	0.171	0.060	0.487	0.209	0.098	
	Right Cheek	0.046	0.129	0.188	0.061	0.175	0.234	0.107	
	Right Tilt	0.035	0.264	0.488	0.033	0.299	0.523	0.068	
WCDMA Band 4	Left Cheek	0.041	0.331	0.419	0.118	0.372	0.460	0.159	
	Left Tilt	0.043	0.449	0.171	0.060	0.492	0.214	0.103	
	Right Cheek	0.034	0.129	0.188	0.061	0.163	0.222	0.095	
	Right Tilt	0.027	0.264	0.488	0.033	0.291	0.515	0.060	
WCDMA Band 5	Left Cheek	0.243	0.331	0.419	0.118	0.574	0.662	0.361	
	Left Tilt	0.561	0.449	0.171	0.060	1.010	0.732	0.621	
	Right Cheek	0.138	0.129	0.188	0.061	0.267	0.326	0.199	
	Right Tilt	0.000	0.264	0.488	0.033	0.264	0.488	0.033	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)				
LTE Band 2 QPSK (20MHz)	Left Cheek	1RB	0.014	0.331	0.419	0.118	0.345	0.433	0.132	1.6
	Left Tilt		0.013	0.449	0.171	0.060	0.462	0.184	0.073	
	Right Cheek		0.016	0.129	0.188	0.061	0.145	0.204	0.077	
	Right Tilt		0.016	0.264	0.488	0.033	0.280	0.504	0.049	
	Left Cheek	50%RB	0.012	0.331	0.419	0.118	0.343	0.431	0.130	
	Left Tilt		0.011	0.449	0.171	0.060	0.460	0.182	0.071	
	Right Cheek		0.013	0.129	0.188	0.061	0.142	0.201	0.074	
	Right Tilt		0.013	0.264	0.488	0.033	0.277	0.501	0.046	
LTE Band 4 QPSK (20MHz)	Left Cheek	1RB	0.014	0.331	0.419	0.118	0.345	0.433	0.132	
	Left Tilt		0.013	0.449	0.171	0.060	0.462	0.184	0.073	
	Right Cheek		0.020	0.129	0.188	0.061	0.149	0.208	0.081	
	Right Tilt		0.014	0.264	0.488	0.033	0.278	0.502	0.047	
	Left Cheek	50%RB	0.000	0.331	0.419	0.118	0.331	0.419	0.118	
	Left Tilt		0.011	0.449	0.171	0.060	0.460	0.182	0.071	
	Right Cheek		0.010	0.129	0.188	0.061	0.139	0.198	0.071	
	Right Tilt		0.015	0.264	0.488	0.033	0.279	0.503	0.048	
LTE Band 5 QPSK (10MHz)	Left Cheek	1RB	0.885	0.331	0.419	0.118	1.216	1.304	1.003	
	Left Tilt		0.237	0.449	0.171	0.060	0.686	0.408	0.297	
	Right Cheek		0.992	0.129	0.188	0.061	1.121	1.180	1.053	
	Right Tilt		0.299	0.264	0.488	0.033	0.563	0.787	0.332	
	Right Cheek	50%RB	0.972	0.129	0.188	0.061	1.101	1.160	1.033	
	Left Cheek		0.689	0.331	0.419	0.118	1.020	1.108	0.807	
	Left Tilt		0.194	0.449	0.171	0.060	0.643	0.365	0.254	
	Right Cheek		0.774	0.129	0.188	0.061	0.903	0.962	0.835	
LTE Band 7 QPSK (20MHz)	Right Tilt	1RB	0.230	0.264	0.488	0.033	0.494	0.718	0.263	
	Left Cheek		0.090	0.331	0.419	0.118	0.421	0.509	0.208	
	Left Tilt		0.050	0.449	0.171	0.060	0.499	0.221	0.110	
	Right Cheek		0.059	0.129	0.188	0.061	0.188	0.247	0.120	
	Right Tilt	50%RB	0.043	0.264	0.488	0.033	0.307	0.531	0.076	
	Left Cheek		0.069	0.331	0.419	0.118	0.400	0.488	0.187	
	Left Tilt		0.038	0.449	0.171	0.060	0.487	0.209	0.098	
	Right Cheek		0.044	0.129	0.188	0.061	0.173	0.232	0.105	
LTE Band 12 QPSK (10MHz)	Right Tilt	1RB	0.032	0.264	0.488	0.033	0.296	0.520	0.065	
	Left Cheek		0.182	0.331	0.419	0.118	0.513	0.601	0.300	
	Left Tilt		0.138	0.449	0.171	0.060	0.587	0.309	0.198	
	Right Cheek		0.454	0.129	0.188	0.061	0.583	0.642	0.515	
	Right Tilt	50%RB	0.338	0.264	0.488	0.033	0.602	0.826	0.371	
	Left Cheek		0.179	0.331	0.419	0.118	0.510	0.598	0.297	
	Left Tilt		0.135	0.449	0.171	0.060	0.584	0.306	0.195	
	Right Cheek		0.446	0.129	0.188	0.061	0.575	0.634	0.507	
LTE Band 13 QPSK (10MHz)	Right Tilt	1RB	0.333	0.264	0.488	0.033	0.597	0.821	0.366	
	Left Cheek		0.195	0.331	0.419	0.118	0.526	0.614	0.313	
	Left Tilt		0.073	0.449	0.171	0.060	0.522	0.244	0.133	
	Right Cheek		0.257	0.129	0.188	0.061	0.386	0.445	0.318	
	Right Tilt	50%RB	0.200	0.264	0.488	0.033	0.464	0.688	0.233	
	Left Cheek		0.190	0.331	0.419	0.118	0.521	0.609	0.308	
	Left Tilt		0.069	0.449	0.171	0.060	0.518	0.240	0.129	
	Right Cheek		0.253	0.129	0.188	0.061	0.382	0.441	0.314	
LTE Band 17 QPSK (10MHz)	Right Tilt	1RB	0.196	0.264	0.488	0.033	0.460	0.684	0.229	
	Left Cheek		0.409	0.331	0.419	0.118	0.740	0.828	0.527	
	Left Tilt		0.148	0.449	0.171	0.060	0.597	0.319	0.208	
	Right Cheek		0.461	0.129	0.188	0.061	0.590	0.649	0.522	
	Right Tilt	50%RB	0.171	0.264	0.488	0.033	0.435	0.659	0.204	
	Left Cheek		0.398	0.331	0.419	0.118	0.729	0.817	0.516	
	Left Tilt		0.142	0.449	0.171	0.060	0.591	0.313	0.202	
	Right Cheek		0.456	0.129	0.188	0.061	0.585	0.644	0.517	
	Right Tilt		0.165	0.264	0.488	0.033	0.429	0.653	0.198	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)				
LTE Band 38 QPSK (20MHz)	Left Cheek	1RB	0.015	0.331	0.419	0.118	0.346	0.434	0.133	1.6
	Left Tilt		0.014	0.449	0.171	0.060	0.463	0.185	0.074	
	Right Cheek		0.012	0.129	0.188	0.061	0.141	0.200	0.073	
	Right Tilt		0.012	0.264	0.488	0.033	0.276	0.500	0.045	
	Left Cheek	50%RB	0.013	0.331	0.419	0.118	0.344	0.432	0.131	
	Left Tilt		0.011	0.449	0.171	0.060	0.460	0.182	0.071	
	Right Cheek		0.010	0.129	0.188	0.061	0.139	0.198	0.071	
	Right Tilt		0.009	0.264	0.488	0.033	0.273	0.497	0.042	
LTE Band 41 QPSK (20MHz)	Left Cheek	1RB	0.007	0.331	0.419	0.118	0.338	0.426	0.125	
	Left Tilt		0.002	0.449	0.171	0.060	0.451	0.173	0.062	
	Right Cheek		0.014	0.129	0.188	0.061	0.143	0.202	0.075	
	Right Tilt		0.004	0.264	0.488	0.033	0.268	0.492	0.037	
	Left Cheek	50%RB	0.006	0.331	0.419	0.118	0.337	0.425	0.124	
	Left Tilt		0.002	0.449	0.171	0.060	0.451	0.173	0.062	
	Right Cheek		0.012	0.129	0.188	0.061	0.141	0.200	0.073	
	Right Tilt		0.003	0.264	0.488	0.033	0.267	0.491	0.036	
LTE Band 42 QPSK (20MHz)	Left Cheek	1RB	0.115	0.331	0.419	0.118	0.446	0.534	0.233	
	Left Tilt		0.243	0.449	0.171	0.060	0.692	0.414	0.303	
	Right Cheek		0.385	0.129	0.188	0.061	0.514	0.573	0.446	
	Right Tilt		0.554	0.264	0.488	0.033	0.818	1.042	0.587	
	Left Cheek	50%RB	0.084	0.331	0.419	0.118	0.415	0.503	0.202	
	Left Tilt		0.212	0.449	0.171	0.060	0.661	0.383	0.272	
	Right Cheek		0.351	0.129	0.188	0.061	0.480	0.539	0.412	
	Right Tilt		0.510	0.264	0.488	0.033	0.774	0.998	0.543	
LTE Band 66 QPSK (20MHz)	Left Cheek	1RB	0.051	0.331	0.419	0.118	0.382	0.470	0.169	
	Left Tilt		0.027	0.449	0.171	0.060	0.476	0.198	0.087	
	Right Cheek		0.087	0.129	0.188	0.061	0.216	0.275	0.148	
	Right Tilt		0.035	0.264	0.488	0.033	0.299	0.523	0.068	
	Left Cheek	50%RB	0.042	0.331	0.419	0.118	0.373	0.461	0.160	
	Left Tilt		0.023	0.449	0.171	0.060	0.472	0.194	0.083	
	Right Cheek		0.070	0.129	0.188	0.061	0.199	0.258	0.131	
	Right Tilt		0.030	0.264	0.488	0.033	0.294	0.518	0.063	
NR Band 5	Left Cheek	1RB	0.807	0.331	0.419	0.118	1.138	1.226	0.925	
	Left Tilt		0.270	0.449	0.171	0.060	0.719	0.441	0.330	
	Right Cheek		0.691	0.129	0.188	0.061	0.820	0.879	0.752	
	Right Tilt		0.241	0.264	0.488	0.033	0.505	0.729	0.274	
	Left Cheek	50%RB	0.748	0.331	0.419	0.118	1.079	1.167	0.866	
	Left Tilt		0.248	0.449	0.171	0.060	0.697	0.419	0.308	
	Right Cheek		0.638	0.129	0.188	0.061	0.767	0.826	0.699	
	Right Tilt		0.202	0.264	0.488	0.033	0.466	0.690	0.235	
NR Band 7	Left Cheek	1RB	0.112	0.331	0.419	0.118	0.443	0.531	0.230	
	Left Tilt		0.065	0.449	0.171	0.060	0.514	0.236	0.125	
	Right Cheek		0.094	0.129	0.188	0.061	0.223	0.282	0.155	
	Right Tilt		0.047	0.264	0.488	0.033	0.311	0.535	0.080	
	Left Cheek	50%RB	0.107	0.331	0.419	0.118	0.438	0.526	0.225	
	Left Tilt		0.061	0.449	0.171	0.060	0.510	0.232	0.121	
	Right Cheek		0.090	0.129	0.188	0.061	0.219	0.278	0.151	
	Right Tilt		0.044	0.264	0.488	0.033	0.308	0.532	0.077	
NR Band 12	Left Cheek	1RB	0.915	0.331	0.419	0.118	1.246	1.334	1.033	
	Left Tilt		0.419	0.449	0.171	0.060	0.868	0.590	0.479	
	Right Cheek		0.649	0.129	0.188	0.061	0.778	0.837	0.710	
	Right Tilt		0.277	0.264	0.488	0.033	0.541	0.765	0.310	
	Left Cheek	50%RB	0.901	0.331	0.419	0.118	1.232	1.320	1.019	
	Left Tilt		0.884	0.331	0.419	0.118	1.215	1.303	1.002	
	Right Cheek		0.398	0.449	0.171	0.060	0.847	0.569	0.458	
	Right Tilt		0.633	0.129	0.188	0.061	0.762	0.821	0.694	
			0.258	0.264	0.488	0.033	0.522	0.746	0.291	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)				
NR Band 38	Left Cheek	1RB	0.023	0.331	0.419	0.118	0.354	0.442	0.141	1.6
	Left Tilt		0.012	0.449	0.171	0.060	0.461	0.183	0.072	
	Right Cheek		0.008	0.129	0.188	0.061	0.137	0.196	0.069	
	Right Tilt		0.004	0.264	0.488	0.033	0.268	0.492	0.037	
	Left Cheek	50%RB	0.022	0.331	0.419	0.118	0.353	0.441	0.140	
	Left Tilt		0.011	0.449	0.171	0.060	0.460	0.182	0.071	
	Right Cheek		0.007	0.129	0.188	0.061	0.136	0.195	0.068	
	Right Tilt		0.003	0.264	0.488	0.033	0.267	0.491	0.036	
NR Band 41	Left Cheek	1RB	0.011	0.331	0.419	0.118	0.342	0.430	0.129	
	Left Tilt		0.007	0.449	0.171	0.060	0.456	0.178	0.067	
	Right Cheek		0.006	0.129	0.188	0.061	0.135	0.194	0.067	
	Right Tilt		0.004	0.264	0.488	0.033	0.268	0.492	0.037	
	Left Cheek	50%RB	0.010	0.331	0.419	0.118	0.341	0.429	0.128	
	Left Tilt		0.006	0.449	0.171	0.060	0.455	0.177	0.066	
	Right Cheek		0.005	0.129	0.188	0.061	0.134	0.193	0.066	
	Right Tilt		0.003	0.264	0.488	0.033	0.267	0.491	0.036	
NR Band 66	Left Cheek	1RB	0.085	0.331	0.419	0.118	0.416	0.504	0.203	
	Left Tilt		0.029	0.449	0.171	0.060	0.478	0.200	0.089	
	Right Cheek		0.095	0.129	0.188	0.061	0.224	0.283	0.156	
	Right Tilt		0.043	0.264	0.488	0.033	0.307	0.531	0.076	
	Left Cheek	50%RB	0.078	0.331	0.419	0.118	0.409	0.497	0.196	
	Left Tilt		0.027	0.449	0.171	0.060	0.476	0.198	0.087	
	Right Cheek		0.089	0.129	0.188	0.061	0.218	0.277	0.150	
	Right Tilt		0.038	0.264	0.488	0.033	0.302	0.526	0.071	
NR Band 77	Left Cheek	1RB	0.239	0.331	0.419	0.118	0.570	0.658	0.357	
	Left Tilt		0.371	0.449	0.171	0.060	0.820	0.542	0.431	
	Right Cheek		0.710	0.129	0.188	0.061	0.839	0.898	0.771	
	Right Tilt		1.055	0.264	0.488	0.033	1.319	1.543	1.088	
	Left Cheek	50%RB	1.032	0.264	0.488	0.033	1.296	1.520	1.065	
	Left Tilt		0.220	0.331	0.419	0.118	0.551	0.639	0.338	
	Right Cheek		0.338	0.449	0.171	0.060	0.787	0.509	0.398	
	Right Tilt		0.641	0.129	0.188	0.061	0.770	0.829	0.702	
NR Band 77	Left Cheek	1RB	0.931	0.264	0.488	0.033	1.195	1.419	0.964	
	Left Tilt		0.510	0.331	0.419	0.118	0.841	0.929	0.628	
	Right Cheek		0.639	0.449	0.171	0.060	1.088	0.810	0.699	
	Right Tilt		0.439	0.129	0.188	0.061	0.568	0.627	0.500	
	Left Cheek	50%RB	0.936	0.264	0.488	0.033	1.200	1.424	0.969	
	Left Tilt		0.906	0.264	0.488	0.033	1.170	1.394	0.939	
	Right Cheek		0.475	0.331	0.419	0.118	0.806	0.894	0.593	
	Right Tilt		0.604	0.449	0.171	0.060	1.053	0.775	0.664	
NR Band 77	Left Cheek	1RB	0.409	0.129	0.188	0.061	0.538	0.597	0.470	
	Left Tilt		0.884	0.264	0.488	0.033	1.148	1.372	0.917	
	Right Cheek		0.325	0.331	0.419	0.118	0.656	0.744	0.443	
	Right Tilt		0.588	0.449	0.171	0.060	1.037	0.759	0.648	
	Left Cheek	50%RB	0.551	0.129	0.188	0.061	0.680	0.739	0.612	
	Left Tilt		0.938	0.264	0.488	0.033	1.202	1.426	0.971	
	Right Cheek		0.920	0.264	0.488	0.033	1.184	1.408	0.953	
	Right Tilt		0.318	0.331	0.419	0.118	0.649	0.737	0.436	
NR Band 78	Left Cheek	1RB	0.578	0.449	0.171	0.060	1.027	0.749	0.638	
	Left Tilt		0.537	0.129	0.188	0.061	0.666	0.725	0.598	
	Right Cheek		0.925	0.264	0.488	0.033	1.189	1.413	0.958	
	Right Tilt		0.137	0.331	0.419	0.118	0.468	0.556	0.255	
	Left Cheek	50%RB	0.264	0.449	0.171	0.060	0.713	0.435	0.324	
	Left Tilt		0.243	0.129	0.188	0.061	0.372	0.431	0.304	
	Right Cheek		0.466	0.264	0.488	0.033	0.730	0.954	0.499	
	Right Tilt		0.112	0.331	0.419	0.118	0.443	0.531	0.230	
	Left Cheek	50%RB	0.230	0.449	0.171	0.060	0.679	0.401	0.290	
	Left Tilt		0.217	0.129	0.188	0.061	0.346	0.405	0.278	
	Right Cheek		0.450	0.264	0.488	0.033	0.714	0.938	0.483	
	Right Tilt									

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFi2.4G	WWAN+ WIFi5G	WWA N+BT	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)	Σ SAR (W/kg)	Σ SAR (W/kg)	Σ SAR (W/kg)	
NR Band 78	Left Cheek	1RB	0.095	0.331	0.419	0.118	0.426	0.514	0.213	1.6
	Left Tilt		0.235	0.449	0.171	0.060	0.684	0.406	0.295	
	Right Cheek		0.196	0.129	0.188	0.061	0.325	0.384	0.257	
	Right Tilt		0.402	0.264	0.488	0.033	0.666	0.890	0.435	
	Left Cheek	50%RB	0.091	0.331	0.419	0.118	0.422	0.510	0.209	
	Left Tilt		0.215	0.449	0.171	0.060	0.664	0.386	0.275	
	Right Cheek		0.169	0.129	0.188	0.061	0.298	0.357	0.230	
	Right Tilt		0.367	0.264	0.488	0.033	0.631	0.855	0.400	
NR Band 78	Left Cheek	1RB	0.134	0.331	0.419	0.118	0.465	0.553	0.252	
	Left Tilt		0.330	0.449	0.171	0.060	0.779	0.501	0.390	
	Right Cheek		0.231	0.129	0.188	0.061	0.360	0.419	0.292	
	Right Tilt		0.469	0.264	0.488	0.033	0.733	0.957	0.502	
	Left Cheek	50%RB	0.119	0.331	0.419	0.118	0.450	0.538	0.237	
	Left Tilt		0.291	0.449	0.171	0.060	0.740	0.462	0.351	
	Right Cheek		0.197	0.129	0.188	0.061	0.326	0.385	0.258	
	Right Tilt		0.424	0.264	0.488	0.033	0.688	0.912	0.457	
2-n7	Left Cheek	1RB	0.344	0.331	0.419	0.118	0.675	0.763	0.462	
	Left Tilt		0.442	0.449	0.171	0.060	0.891	0.613	0.502	
	Right Cheek		0.335	0.129	0.188	0.061	0.464	0.523	0.396	
	Right Tilt		0.431	0.264	0.488	0.033	0.695	0.919	0.464	
	Left Cheek	50%RB	0.334	0.331	0.419	0.118	0.665	0.753	0.452	
	Left Tilt		0.420	0.449	0.171	0.060	0.869	0.591	0.480	
	Right Cheek		0.308	0.129	0.188	0.061	0.437	0.496	0.369	
	Right Tilt		0.413	0.264	0.488	0.033	0.677	0.901	0.446	
2-n66	Left Cheek	1RB	0.348	0.331	0.419	0.118	0.679	0.767	0.466	
	Left Tilt		0.477	0.449	0.171	0.060	0.926	0.648	0.537	
	Right Cheek		0.356	0.129	0.188	0.061	0.485	0.544	0.417	
	Right Tilt		0.482	0.264	0.488	0.033	0.746	0.970	0.515	
	Left Cheek	50%RB	0.339	0.331	0.419	0.118	0.670	0.758	0.457	
	Left Tilt		0.470	0.449	0.171	0.060	0.919	0.641	0.530	
	Right Cheek		0.348	0.129	0.188	0.061	0.477	0.536	0.409	
	Right Tilt		0.471	0.264	0.488	0.033	0.735	0.959	0.504	
2-n78	Left Cheek	1RB	0.275	0.331	0.419	0.118	0.606	0.694	0.393	
	Left Tilt		0.155	0.449	0.171	0.060	0.604	0.326	0.215	
	Right Cheek		0.259	0.129	0.188	0.061	0.388	0.447	0.320	
	Right Tilt		0.125	0.264	0.488	0.033	0.389	0.613	0.158	
	Left Cheek	50%RB	0.261	0.331	0.419	0.118	0.592	0.680	0.379	
	Left Tilt		0.144	0.449	0.171	0.060	0.593	0.315	0.204	
	Right Cheek		0.238	0.129	0.188	0.061	0.367	0.426	0.299	
	Right Tilt		0.112	0.264	0.488	0.033	0.376	0.600	0.145	
4-n7	Left Cheek	1RB	0.325	0.331	0.419	0.118	0.656	0.744	0.443	
	Left Tilt		0.609	0.449	0.171	0.060	1.058	0.780	0.669	
	Right Cheek		0.304	0.129	0.188	0.061	0.433	0.492	0.365	
	Right Tilt		0.495	0.264	0.488	0.033	0.759	0.983	0.528	
	Left Cheek	50%RB	0.309	0.331	0.419	0.118	0.640	0.728	0.427	
	Left Tilt		0.599	0.449	0.171	0.060	1.048	0.770	0.659	
	Right Cheek		0.290	0.129	0.188	0.061	0.419	0.478	0.351	
	Right Tilt		0.488	0.264	0.488	0.033	0.752	0.976	0.521	
4-n41	Left Cheek	1RB	0.263	0.331	0.419	0.118	0.594	0.682	0.381	
	Left Tilt		0.550	0.449	0.171	0.060	0.999	0.721	0.610	
	Right Cheek		0.250	0.129	0.188	0.061	0.379	0.438	0.311	
	Right Tilt		0.467	0.264	0.488	0.033	0.731	0.955	0.500	
	Left Cheek	50%RB	0.246	0.331	0.419	0.118	0.577	0.665	0.364	
	Left Tilt		0.539	0.449	0.171	0.060	0.988	0.710	0.599	
	Right Cheek		0.239	0.129	0.188	0.061	0.368	0.427	0.300	
	Right Tilt		0.457	0.264	0.488	0.033	0.721	0.945	0.490	
4-n78	Left Cheek	1RB	0.105	0.331	0.419	0.118	0.436	0.524	0.223	
	Left Tilt		0.159	0.449	0.171	0.060	0.608	0.330	0.219	
	Right Cheek		0.095	0.129	0.188	0.061	0.224	0.283	0.156	
	Right Tilt		0.111	0.264	0.488	0.033	0.375	0.599	0.144	
	Left Cheek	50%RB	0.100	0.331	0.419	0.118	0.431	0.519	0.218	
	Left Tilt		0.149	0.449	0.171	0.060	0.598	0.320	0.209	
	Right Cheek		0.089	0.129	0.188	0.061	0.218	0.277	0.150	
	Right Tilt		0.098	0.264	0.488	0.033	0.362	0.586	0.131	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)				
5-n7	Left Cheek	1RB	0.606	0.331	0.419	0.118	0.937	1.025	0.724	1.6
	Left Tilt		0.212	0.449	0.171	0.060	0.661	0.383	0.272	
	Right Cheek		0.797	0.129	0.188	0.061	0.926	0.985	0.858	
	Right Tilt		0.248	0.264	0.488	0.033	0.512	0.736	0.281	
	Left Cheek	50%RB	0.593	0.331	0.419	0.118	0.924	1.012	0.711	
	Left Tilt		0.200	0.449	0.171	0.060	0.649	0.371	0.260	
	Right Cheek		0.779	0.129	0.188	0.061	0.908	0.967	0.840	
	Right Tilt		0.214	0.264	0.488	0.033	0.478	0.702	0.247	
5-n38	Left Cheek	1RB	0.600	0.331	0.419	0.118	0.931	1.019	0.718	
	Left Tilt		0.216	0.449	0.171	0.060	0.665	0.387	0.276	
	Right Cheek		0.750	0.129	0.188	0.061	0.879	0.938	0.811	
	Right Tilt		0.243	0.264	0.488	0.033	0.507	0.731	0.276	
	Left Cheek	50%RB	0.574	0.331	0.419	0.118	0.905	0.993	0.692	
	Left Tilt		0.204	0.449	0.171	0.060	0.653	0.375	0.264	
	Right Cheek		0.727	0.129	0.188	0.061	0.856	0.915	0.788	
	Right Tilt		0.224	0.264	0.488	0.033	0.488	0.712	0.257	
5-n41	Left Cheek	1RB	0.182	0.331	0.419	0.118	0.513	0.601	0.300	
	Left Tilt		0.614	0.449	0.171	0.060	1.063	0.785	0.674	
	Right Cheek		0.802	0.129	0.188	0.061	0.931	0.990	0.863	
	Right Tilt		0.242	0.264	0.488	0.033	0.506	0.730	0.275	
	Left Cheek	50%RB	0.177	0.331	0.419	0.118	0.508	0.596	0.295	
	Left Tilt		0.598	0.449	0.171	0.060	1.047	0.769	0.658	
	Right Cheek		0.778	0.129	0.188	0.061	0.907	0.966	0.839	
	Right Tilt		0.216	0.264	0.488	0.033	0.480	0.704	0.249	
5-n66	Left Cheek	1RB	0.605	0.331	0.419	0.118	0.936	1.024	0.723	
	Left Tilt		0.122	0.449	0.171	0.060	0.571	0.293	0.182	
	Right Cheek		0.754	0.129	0.188	0.061	0.883	0.942	0.815	
	Right Tilt		0.201	0.264	0.488	0.033	0.465	0.689	0.234	
	Left Cheek	50%RB	0.599	0.331	0.419	0.118	0.930	1.018	0.717	
	Left Tilt		0.117	0.449	0.171	0.060	0.566	0.288	0.177	
	Right Cheek		0.737	0.129	0.188	0.061	0.866	0.925	0.798	
	Right Tilt		0.184	0.264	0.488	0.033	0.448	0.672	0.217	
5-n77	Left Cheek	1RB	0.585	0.331	0.419	0.118	0.916	1.004	0.703	
	Left Tilt		0.110	0.449	0.171	0.060	0.559	0.281	0.170	
	Right Cheek		0.656	0.129	0.188	0.061	0.785	0.844	0.717	
	Right Tilt		0.176	0.264	0.488	0.033	0.440	0.664	0.209	
	Left Cheek	50%RB	0.577	0.331	0.419	0.118	0.908	0.996	0.695	
	Left Tilt		0.103	0.449	0.171	0.060	0.552	0.274	0.163	
	Right Cheek		0.641	0.129	0.188	0.061	0.770	0.829	0.702	
	Right Tilt		0.163	0.264	0.488	0.033	0.427	0.651	0.196	
5-n78	Left Cheek	1RB	0.114	0.331	0.419	0.118	0.445	0.533	0.232	
	Left Tilt		0.589	0.449	0.171	0.060	1.038	0.760	0.649	
	Right Cheek		0.675	0.129	0.188	0.061	0.804	0.863	0.736	
	Right Tilt		0.186	0.264	0.488	0.033	0.450	0.674	0.219	
	Left Cheek	50%RB	0.107	0.331	0.419	0.118	0.438	0.526	0.225	
	Left Tilt		0.564	0.449	0.171	0.060	1.013	0.735	0.624	
	Right Cheek		0.664	0.129	0.188	0.061	0.793	0.852	0.725	
	Right Tilt		0.176	0.264	0.488	0.033	0.440	0.664	0.209	
7-n7	Left Cheek	1RB	0.209	0.331	0.419	0.118	0.540	0.628	0.327	
	Left Tilt		0.346	0.449	0.171	0.060	0.795	0.517	0.406	
	Right Cheek		0.280	0.129	0.188	0.061	0.409	0.468	0.341	
	Right Tilt		0.511	0.264	0.488	0.033	0.775	0.999	0.544	
	Left Cheek	50%RB	0.191	0.331	0.419	0.118	0.522	0.610	0.309	
	Left Tilt		0.335	0.449	0.171	0.060	0.784	0.506	0.395	
	Right Cheek		0.273	0.129	0.188	0.061	0.402	0.461	0.334	
	Right Tilt		0.501	0.264	0.488	0.033	0.765	0.989	0.534	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)				
7-n66	Left Cheek	1RB	0.183	0.331	0.419	0.118	0.514	0.602	0.301	1.6
	Left Tilt		0.386	0.449	0.171	0.060	0.835	0.557	0.446	
	Right Cheek		0.315	0.129	0.188	0.061	0.444	0.503	0.376	
	Right Tilt		0.543	0.264	0.488	0.033	0.807	1.031	0.576	
	Left Cheek	50%RB	0.173	0.331	0.419	0.118	0.504	0.592	0.291	
	Left Tilt		0.371	0.449	0.171	0.060	0.820	0.542	0.431	
	Right Cheek		0.298	0.129	0.188	0.061	0.427	0.486	0.359	
	Right Tilt		0.521	0.264	0.488	0.033	0.785	1.009	0.554	
7-n77	Left Cheek	1RB	0.076	0.331	0.419	0.118	0.407	0.495	0.194	
	Left Tilt		0.127	0.449	0.171	0.060	0.576	0.298	0.187	
	Right Cheek		0.115	0.129	0.188	0.061	0.244	0.303	0.176	
	Right Tilt		0.144	0.264	0.488	0.033	0.408	0.632	0.177	
	Left Cheek	50%RB	0.066	0.331	0.419	0.118	0.397	0.485	0.184	
	Left Tilt		0.124	0.449	0.171	0.060	0.573	0.295	0.184	
	Right Cheek		0.105	0.129	0.188	0.061	0.234	0.293	0.166	
	Right Tilt		0.137	0.264	0.488	0.033	0.401	0.625	0.170	
7-n78	Left Cheek	1RB	0.126	0.331	0.419	0.118	0.457	0.545	0.244	
	Left Tilt		0.115	0.449	0.171	0.060	0.564	0.286	0.175	
	Right Cheek		0.144	0.129	0.188	0.061	0.273	0.332	0.205	
	Right Tilt		0.139	0.264	0.488	0.033	0.403	0.627	0.172	
	Left Cheek	50%RB	0.122	0.331	0.419	0.118	0.453	0.541	0.240	
	Left Tilt		0.111	0.449	0.171	0.060	0.560	0.282	0.171	
	Right Cheek		0.142	0.129	0.188	0.061	0.271	0.330	0.203	
	Right Tilt		0.134	0.264	0.488	0.033	0.398	0.622	0.167	
38-n78	Left Cheek	1RB	0.063	0.331	0.419	0.118	0.394	0.482	0.181	
	Left Tilt		0.102	0.449	0.171	0.060	0.551	0.273	0.162	
	Right Cheek		0.171	0.129	0.188	0.061	0.300	0.359	0.232	
	Right Tilt		0.185	0.264	0.488	0.033	0.449	0.673	0.218	
	Left Cheek	50%RB	0.058	0.331	0.419	0.118	0.389	0.477	0.176	
	Left Tilt		0.088	0.449	0.171	0.060	0.537	0.259	0.148	
	Right Cheek		0.162	0.129	0.188	0.061	0.291	0.350	0.223	
	Right Tilt		0.178	0.264	0.488	0.033	0.442	0.666	0.211	
41-n41	Left Cheek	1RB	0.051	0.331	0.419	0.118	0.382	0.470	0.169	
	Left Tilt		0.109	0.449	0.171	0.060	0.558	0.280	0.169	
	Right Cheek		0.086	0.129	0.188	0.061	0.215	0.274	0.147	
	Right Tilt		0.151	0.264	0.488	0.033	0.415	0.639	0.184	
	Left Cheek	50%RB	0.046	0.331	0.419	0.118	0.377	0.465	0.164	
	Left Tilt		0.104	0.449	0.171	0.060	0.553	0.275	0.164	
	Right Cheek		0.081	0.129	0.188	0.061	0.210	0.269	0.142	
	Right Tilt		0.143	0.264	0.488	0.033	0.407	0.631	0.176	
41-n77	Left Cheek	1RB	0.056	0.331	0.419	0.118	0.387	0.475	0.174	
	Left Tilt		0.106	0.449	0.171	0.060	0.555	0.277	0.166	
	Right Cheek		0.080	0.129	0.188	0.061	0.209	0.268	0.141	
	Right Tilt		0.147	0.264	0.488	0.033	0.411	0.635	0.180	
	Left Cheek	50%RB	0.052	0.331	0.419	0.118	0.383	0.471	0.170	
	Left Tilt		0.092	0.449	0.171	0.060	0.541	0.263	0.152	
	Right Cheek		0.073	0.129	0.188	0.061	0.202	0.261	0.134	
	Right Tilt		0.135	0.264	0.488	0.033	0.399	0.623	0.168	
41-n78	Left Cheek	1RB	0.059	0.331	0.419	0.118	0.390	0.478	0.177	
	Left Tilt		0.099	0.449	0.171	0.060	0.548	0.270	0.159	
	Right Cheek		0.090	0.129	0.188	0.061	0.219	0.278	0.151	
	Right Tilt		0.146	0.264	0.488	0.033	0.410	0.634	0.179	
	Left Cheek	50%RB	0.052	0.331	0.419	0.118	0.383	0.471	0.170	
	Left Tilt		0.094	0.449	0.171	0.060	0.543	0.265	0.154	
	Right Cheek		0.083	0.129	0.188	0.061	0.212	0.271	0.144	
	Right Tilt		0.138	0.264	0.488	0.033	0.402	0.626	0.171	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWA N+BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 3) 1g(W/kg)	BT SAR 1g(W/kg)				
66-n7	Left Cheek	1RB	0.304	0.331	0.419	0.118	0.635	0.723	0.422	1.6
	Left Tilt		0.325	0.449	0.171	0.060	0.774	0.496	0.385	
	Right Cheek		0.278	0.129	0.188	0.061	0.407	0.466	0.339	
	Right Tilt		0.281	0.264	0.488	0.033	0.545	0.769	0.314	
	Left Cheek	50%RB	0.197	0.331	0.419	0.118	0.528	0.616	0.315	
	Left Tilt		0.211	0.449	0.171	0.060	0.660	0.382	0.271	
	Right Cheek		0.180	0.129	0.188	0.061	0.309	0.368	0.241	
	Right Tilt		0.182	0.264	0.488	0.033	0.446	0.670	0.215	
66-n38	Left Cheek	1RB	0.188	0.331	0.419	0.118	0.519	0.607	0.306	
	Left Tilt		0.337	0.449	0.171	0.060	0.786	0.508	0.397	
	Right Cheek		0.281	0.129	0.188	0.061	0.410	0.469	0.342	
	Right Tilt		0.433	0.264	0.488	0.033	0.697	0.921	0.466	
	Left Cheek	50%RB	0.122	0.331	0.419	0.118	0.453	0.541	0.240	
	Left Tilt		0.219	0.449	0.171	0.060	0.668	0.390	0.279	
	Right Cheek		0.182	0.129	0.188	0.061	0.311	0.370	0.243	
	Right Tilt		0.281	0.264	0.488	0.033	0.545	0.769	0.314	
66-n41	Left Cheek	1RB	0.181	0.331	0.419	0.118	0.512	0.600	0.299	
	Left Tilt		0.296	0.449	0.171	0.060	0.745	0.467	0.356	
	Right Cheek		0.233	0.129	0.188	0.061	0.362	0.421	0.294	
	Right Tilt		0.251	0.264	0.488	0.033	0.515	0.739	0.284	
	Left Cheek	50%RB	0.090	0.331	0.419	0.118	0.421	0.509	0.208	
	Left Tilt		0.148	0.449	0.171	0.060	0.597	0.319	0.208	
	Right Cheek		0.117	0.129	0.188	0.061	0.246	0.305	0.178	
	Right Tilt		0.126	0.264	0.488	0.033	0.390	0.614	0.159	
66-n66	Left Cheek	1RB	0.044	0.331	0.419	0.118	0.375	0.463	0.162	
	Left Tilt		0.090	0.449	0.171	0.060	0.539	0.261	0.150	
	Right Cheek		0.080	0.129	0.188	0.061	0.209	0.268	0.141	
	Right Tilt		0.128	0.264	0.488	0.033	0.392	0.616	0.161	
	Left Cheek	50%RB	0.029	0.331	0.419	0.118	0.360	0.448	0.147	
	Left Tilt		0.058	0.449	0.171	0.060	0.507	0.229	0.118	
	Right Cheek		0.050	0.129	0.188	0.061	0.179	0.238	0.111	
	Right Tilt		0.083	0.264	0.488	0.033	0.347	0.571	0.116	
66-n77	Left Cheek	1RB	0.038	0.331	0.419	0.118	0.369	0.457	0.156	
	Left Tilt		0.076	0.449	0.171	0.060	0.525	0.247	0.136	
	Right Cheek		0.067	0.129	0.188	0.061	0.196	0.255	0.128	
	Right Tilt		0.107	0.264	0.488	0.033	0.371	0.595	0.140	
	Left Cheek	50%RB	0.024	0.331	0.419	0.118	0.355	0.443	0.142	
	Left Tilt		0.049	0.449	0.171	0.060	0.498	0.220	0.109	
	Right Cheek		0.043	0.129	0.188	0.061	0.172	0.231	0.104	
	Right Tilt		0.070	0.264	0.488	0.033	0.334	0.558	0.103	
66-n78	Left Cheek	1RB	0.058	0.331	0.419	0.118	0.389	0.477	0.176	
	Left Tilt		0.071	0.449	0.171	0.060	0.520	0.242	0.131	
	Right Cheek		0.095	0.129	0.188	0.061	0.224	0.283	0.156	
	Right Tilt		0.107	0.264	0.488	0.033	0.371	0.595	0.140	
	Left Cheek	50%RB	0.037	0.331	0.419	0.118	0.368	0.456	0.155	
	Left Tilt		0.045	0.449	0.171	0.060	0.494	0.216	0.105	
	Right Cheek		0.062	0.129	0.188	0.061	0.191	0.250	0.123	
	Right Tilt		0.069	0.264	0.488	0.033	0.333	0.557	0.102	

Hotspot(body-worn10mm)

Band	Test Position	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
		WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
GSM850 (GPRS 4slots)	Front	0.250	0.016	0.154	0.020	0.266	0.404	0.270	1.6
	Back	0.380	0.206	0.193	0.035	0.586	0.573	0.415	
	Left	0.674	0.124	0.116	0.016	0.798	0.790	0.690	
	Right	0.027	0.103	0.085	0.047	0.130	0.112	0.074	
	Top	0.015	0.082	0.059	0.025	0.097	0.074	0.040	
	Bottom	0.006	0.013	0.021	0.009	0.019	0.027	0.015	
GSM1900 (GPRS 4slots)	Front	0.412	0.016	0.154	0.020	0.428	0.566	0.432	
	Back	0.541	0.206	0.193	0.035	0.747	0.734	0.576	
	Left	0.163	0.124	0.116	0.016	0.287	0.279	0.179	
	Right	0.098	0.103	0.085	0.047	0.201	0.183	0.145	
	Top	0.023	0.082	0.059	0.025	0.105	0.082	0.048	
	Bottom	0.851	0.013	0.021	0.009	0.864	0.872	0.860	
WCDMA Band 2	Front	0.852	0.016	0.154	0.020	0.868	1.006	0.872	
	Back	1.017	0.206	0.193	0.035	1.223	1.210	1.052	
	Left	0.910	0.124	0.116	0.016	1.034	1.026	0.926	
	Right	0.634	0.103	0.085	0.047	0.737	0.719	0.681	
	Top	0.009	0.082	0.059	0.025	0.091	0.068	0.034	
	Bottom	1.177	0.013	0.021	0.009	1.190	1.198	1.186	
WCDMA Band 4	Front	1.096	0.013	0.021	0.009	1.109	1.117	1.105	
	Back	0.730	0.016	0.154	0.020	0.746	0.884	0.750	
	Left	0.872	0.206	0.193	0.035	1.078	1.065	0.907	
	Right	0.784	0.124	0.116	0.016	0.908	0.900	0.800	
	Top	0.528	0.103	0.085	0.047	0.631	0.613	0.575	
	Bottom	0.008	0.082	0.059	0.025	0.090	0.067	0.033	
WCDMA Band 5	Front	1.115	0.013	0.021	0.009	1.128	1.136	1.124	
	Back	1.019	0.013	0.021	0.009	1.032	1.040	1.028	
	Left	0.474	0.016	0.154	0.020	0.490	0.628	0.494	
	Right	0.540	0.206	0.193	0.035	0.746	0.733	0.575	
	Top	0.627	0.124	0.116	0.016	0.751	0.743	0.643	
	Bottom	0.219	0.103	0.085	0.047	0.322	0.304	0.266	
WCDMA Band 5	Top	0.024	0.082	0.059	0.025	0.106	0.083	0.049	
	Bottom	0.007	0.013	0.021	0.009	0.020	0.028	0.016	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WiFi2.4G Σ SAR (W/kg)	WWAN+ WiFi5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WiFi2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
LTE Band 2	Front	1RB	0.631	0.016	0.154	0.020	0.647	0.785	0.651	1.6
	Back		0.822	0.206	0.193	0.035	1.028	1.015	0.857	
	Left		0.263	0.124	0.116	0.016	0.387	0.379	0.279	
	Right		0.162	0.103	0.085	0.047	0.265	0.247	0.209	
	Top		0.014	0.082	0.059	0.025	0.096	0.073	0.039	
	Bottom		0.559	0.013	0.021	0.009	0.572	0.580	0.568	
	Front	50%RB	0.483	0.016	0.154	0.020	0.499	0.637	0.503	
	Back		0.648	0.206	0.193	0.035	0.854	0.841	0.683	
	Left		0.217	0.124	0.116	0.016	0.341	0.333	0.233	
	Right		0.148	0.103	0.085	0.047	0.251	0.233	0.195	
	Top		0.011	0.082	0.059	0.025	0.093	0.070	0.036	
	Bottom		0.433	0.013	0.021	0.009	0.446	0.454	0.442	
LTE Band 4	Front	1RB	0.490	0.016	0.154	0.020	0.506	0.644	0.510	
	Back		0.637	0.206	0.193	0.035	0.843	0.830	0.672	
	Left		0.204	0.124	0.116	0.016	0.328	0.320	0.220	
	Right		0.123	0.103	0.085	0.047	0.226	0.208	0.170	
	Top		0.011	0.082	0.059	0.025	0.093	0.070	0.036	
	Bottom		0.457	0.013	0.021	0.009	0.470	0.478	0.466	
	Front	50%RB	0.380	0.016	0.154	0.020	0.396	0.534	0.400	
	Back		0.522	0.206	0.193	0.035	0.728	0.715	0.557	
	Left		0.139	0.124	0.116	0.016	0.263	0.255	0.155	
	Right		0.104	0.103	0.085	0.047	0.207	0.189	0.151	
	Top		0.008	0.082	0.059	0.025	0.090	0.067	0.033	
	Bottom		0.387	0.013	0.021	0.009	0.400	0.408	0.396	
LTE Band 5	Front	1RB	0.560	0.016	0.154	0.020	0.576	0.714	0.580	
	Back		0.638	0.206	0.193	0.035	0.844	0.831	0.673	
	Left		1.038	0.124	0.116	0.016	1.162	1.154	1.054	
	Right		0.445	0.103	0.085	0.047	0.548	0.530	0.492	
	Top		0.028	0.082	0.059	0.025	0.110	0.087	0.053	
	Bottom		0.016	0.013	0.021	0.009	0.029	0.037	0.025	
	Front	50%RB	1.009	0.124	0.116	0.016	1.133	1.125	1.025	
	Back		0.428	0.016	0.154	0.020	0.444	0.582	0.448	
	Left		0.485	0.206	0.193	0.035	0.691	0.678	0.520	
	Right		0.773	0.124	0.116	0.016	0.897	0.889	0.789	
	Top		0.376	0.103	0.085	0.047	0.479	0.461	0.423	
	Bottom		0.021	0.082	0.059	0.025	0.103	0.080	0.046	
LTE Band 7	Front	1RB	0.014	0.013	0.021	0.009	0.027	0.035	0.023	
	Back		0.513	0.016	0.154	0.020	0.529	0.667	0.533	
	Left		0.663	0.206	0.193	0.035	0.869	0.856	0.698	
	Right		0.211	0.124	0.116	0.016	0.335	0.327	0.227	
	Top		0.135	0.103	0.085	0.047	0.238	0.220	0.182	
	Bottom		0.010	0.082	0.059	0.025	0.092	0.069	0.035	
	Front	50%RB	0.470	0.013	0.021	0.009	0.483	0.491	0.479	
	Back		0.397	0.016	0.154	0.020	0.413	0.551	0.417	
	Left		0.515	0.206	0.193	0.035	0.721	0.708	0.550	
	Right		0.191	0.124	0.116	0.016	0.315	0.307	0.207	
	Top		0.097	0.103	0.085	0.047	0.200	0.182	0.144	
	Bottom		0.007	0.082	0.059	0.025	0.089	0.066	0.032	
LTE Band 12	Front	1RB	0.392	0.013	0.021	0.009	0.405	0.413	0.401	
	Back		0.394	0.016	0.154	0.020	0.410	0.548	0.414	
	Left		0.469	0.206	0.193	0.035	0.675	0.662	0.504	
	Right		0.665	0.124	0.116	0.016	0.789	0.781	0.681	
	Top		0.142	0.103	0.085	0.047	0.245	0.227	0.189	
	Bottom		0.194	0.082	0.059	0.025	0.276	0.253	0.219	
	Front	50%RB	0.092	0.013	0.021	0.009	0.105	0.113	0.101	
	Back		0.388	0.016	0.154	0.020	0.404	0.542	0.408	
	Left		0.465	0.206	0.193	0.035	0.671	0.658	0.500	
	Right		0.659	0.124	0.116	0.016	0.783	0.775	0.675	
	Top		0.163	0.103	0.085	0.047	0.266	0.248	0.210	
	Bottom		0.207	0.082	0.059	0.025	0.289	0.266	0.232	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
LTE Band 13	Front	1RB	0.338	0.016	0.154	0.020	0.354	0.492	0.358	1.6
	Back		0.374	0.206	0.193	0.035	0.580	0.567	0.409	
	Left		0.754	0.124	0.116	0.016	0.878	0.870	0.770	
	Right		0.190	0.103	0.085	0.047	0.293	0.275	0.237	
	Top		0.164	0.082	0.059	0.025	0.246	0.223	0.189	
	Bottom		0.075	0.013	0.021	0.009	0.088	0.096	0.084	
	Front	50%RB	0.333	0.016	0.154	0.020	0.349	0.487	0.353	
	Back		0.370	0.206	0.193	0.035	0.576	0.563	0.405	
	Left		0.734	0.124	0.116	0.016	0.858	0.850	0.750	
	Right		0.194	0.103	0.085	0.047	0.297	0.279	0.241	
	Top		0.172	0.082	0.059	0.025	0.254	0.231	0.197	
LTE Band 17	Bottom		0.084	0.013	0.021	0.009	0.097	0.105	0.093	
	Front	1RB	0.461	0.016	0.154	0.020	0.477	0.615	0.481	
	Back		0.512	0.206	0.193	0.035	0.718	0.705	0.547	
	Left		0.679	0.124	0.116	0.016	0.803	0.795	0.695	
	Right		0.169	0.103	0.085	0.047	0.272	0.254	0.216	
	Top		0.164	0.082	0.059	0.025	0.246	0.223	0.189	
	Bottom		0.060	0.013	0.021	0.009	0.073	0.081	0.069	
	Front	50%RB	0.452	0.016	0.154	0.020	0.468	0.606	0.472	
	Back		0.502	0.206	0.193	0.035	0.708	0.695	0.537	
	Left		0.671	0.124	0.116	0.016	0.795	0.787	0.687	
	Right		0.161	0.103	0.085	0.047	0.264	0.246	0.208	
	Top		0.160	0.082	0.059	0.025	0.242	0.219	0.185	
LTE Band 38	Bottom		0.056	0.013	0.021	0.009	0.069	0.077	0.065	
	Front	1RB	0.113	0.016	0.154	0.020	0.129	0.267	0.133	
	Back		0.161	0.206	0.193	0.035	0.367	0.354	0.196	
	Left		0.044	0.124	0.116	0.016	0.168	0.160	0.060	
	Right		0.032	0.103	0.085	0.047	0.135	0.117	0.079	
	Top		0.006	0.082	0.059	0.025	0.088	0.065	0.031	
	Bottom		0.215	0.013	0.021	0.009	0.228	0.236	0.224	
	Front	50%RB	0.108	0.016	0.154	0.020	0.124	0.262	0.128	
	Back		0.151	0.206	0.193	0.035	0.357	0.344	0.186	
	Left		0.041	0.124	0.116	0.016	0.165	0.157	0.057	
	Right		0.028	0.103	0.085	0.047	0.131	0.113	0.075	
	Top		0.005	0.082	0.059	0.025	0.087	0.064	0.030	
LTE Band 41	Bottom		0.203	0.013	0.021	0.009	0.216	0.224	0.212	
	Front	1RB	0.135	0.016	0.154	0.020	0.151	0.289	0.155	
	Back		0.196	0.206	0.193	0.035	0.402	0.389	0.231	
	Left		0.053	0.124	0.116	0.016	0.177	0.169	0.069	
	Right		0.042	0.103	0.085	0.047	0.145	0.127	0.089	
	Top		0.013	0.082	0.059	0.025	0.095	0.072	0.038	
	Bottom		0.238	0.013	0.021	0.009	0.251	0.259	0.247	
	Front	50%RB	0.126	0.016	0.154	0.020	0.142	0.280	0.146	
	Back		0.177	0.206	0.193	0.035	0.383	0.370	0.212	
	Left		0.043	0.124	0.116	0.016	0.167	0.159	0.059	
	Right		0.040	0.103	0.085	0.047	0.143	0.125	0.087	
	Top		0.012	0.082	0.059	0.025	0.094	0.071	0.037	
LTE Band 42	Bottom		0.220	0.013	0.021	0.009	0.233	0.241	0.229	
	Front	1RB	0.192	0.016	0.154	0.020	0.208	0.346	0.212	
	Back		0.481	0.206	0.193	0.035	0.687	0.674	0.516	
	Left		0.155	0.124	0.116	0.016	0.279	0.271	0.171	
	Right		0.096	0.103	0.085	0.047	0.199	0.181	0.143	
	Top		0.294	0.082	0.059	0.025	0.376	0.353	0.319	
	Bottom		0.006	0.013	0.021	0.009	0.019	0.027	0.015	
	Front	50%RB	0.140	0.016	0.154	0.020	0.156	0.294	0.160	
	Back		0.436	0.206	0.193	0.035	0.642	0.629	0.471	
	Left		0.130	0.124	0.116	0.016	0.254	0.246	0.146	
	Right		0.090	0.103	0.085	0.047	0.193	0.175	0.137	
	Top		0.280	0.082	0.059	0.025	0.362	0.339	0.305	
	Bottom		0.005	0.013	0.021	0.009	0.018	0.026	0.014	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
LTE Band 66	Front	1RB	0.884	0.016	0.154	0.020	0.900	1.038	0.904	1.6
	Back		0.766	0.206	0.193	0.035	0.972	0.959	0.801	
	Left		0.224	0.124	0.116	0.016	0.348	0.340	0.240	
	Right		0.169	0.103	0.085	0.047	0.272	0.254	0.216	
	Top		0.012	0.082	0.059	0.025	0.094	0.071	0.037	
	Bottom		0.462	0.013	0.021	0.009	0.475	0.483	0.471	
	Front	50%RB	0.721	0.016	0.154	0.020	0.737	0.875	0.741	
	Back		0.640	0.206	0.193	0.035	0.846	0.833	0.675	
	Left		0.192	0.124	0.116	0.016	0.316	0.308	0.208	
	Right		0.138	0.103	0.085	0.047	0.241	0.223	0.185	
	Top		0.010	0.082	0.059	0.025	0.092	0.069	0.035	
N5	Bottom		1.137	0.013	0.021	0.009	1.150	1.158	1.146	
	Front	1RB	0.382	0.016	0.154	0.020	0.398	0.536	0.402	
	Back		0.654	0.206	0.193	0.035	0.860	0.847	0.689	
	Left		0.767	0.124	0.116	0.016	0.891	0.883	0.783	
	Right		0.282	0.103	0.085	0.047	0.385	0.367	0.329	
	Top		0.020	0.082	0.059	0.025	0.102	0.079	0.045	
	Bottom		0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front	50%RB	0.334	0.016	0.154	0.020	0.350	0.488	0.354	
	Back		0.613	0.206	0.193	0.035	0.819	0.806	0.648	
	Left		0.729	0.124	0.116	0.016	0.853	0.845	0.745	
	Right		0.240	0.103	0.085	0.047	0.343	0.325	0.287	
	Top		0.017	0.082	0.059	0.025	0.099	0.076	0.042	
N7	Bottom		0.009	0.013	0.021	0.009	0.022	0.030	0.018	
	Front	1RB	0.630	0.016	0.154	0.020	0.646	0.784	0.650	
	Back		1.072	0.206	0.193	0.035	1.278	1.265	1.107	
	Left		0.303	0.124	0.116	0.016	0.427	0.419	0.319	
	Right		0.207	0.103	0.085	0.047	0.310	0.292	0.254	
	Top		0.040	0.082	0.059	0.025	0.122	0.099	0.065	
	Bottom		1.139	0.013	0.021	0.009	1.152	1.160	1.148	
	Bottom		1.103	0.013	0.021	0.009	1.116	1.124	1.112	
	Front	50%RB	0.604	0.016	0.154	0.020	0.620	0.758	0.624	
	Back		1.034	0.206	0.193	0.035	1.240	1.227	1.069	
	Left		0.269	0.124	0.116	0.016	0.393	0.385	0.285	
N12	Right		0.190	0.103	0.085	0.047	0.293	0.275	0.237	
	Top		0.038	0.082	0.059	0.025	0.120	0.097	0.063	
	Bottom		1.058	0.013	0.021	0.009	1.071	1.079	1.067	
	Front	1RB	0.401	0.016	0.154	0.020	0.417	0.555	0.421	
	Back		0.595	0.206	0.193	0.035	0.801	0.788	0.630	
	Left		0.791	0.124	0.116	0.016	0.915	0.907	0.807	
	Right		0.333	0.103	0.085	0.047	0.436	0.418	0.380	
	Top		0.030	0.082	0.059	0.025	0.112	0.089	0.055	
	Bottom		0.013	0.013	0.021	0.009	0.026	0.034	0.022	
	Front	50%RB	0.385	0.016	0.154	0.020	0.401	0.539	0.405	
	Back		0.561	0.206	0.193	0.035	0.767	0.754	0.596	
	Left		0.761	0.124	0.116	0.016	0.885	0.877	0.777	
N38	Right		0.321	0.103	0.085	0.047	0.424	0.406	0.368	
	Top		0.027	0.082	0.059	0.025	0.109	0.086	0.052	
	Bottom		0.012	0.013	0.021	0.009	0.025	0.033	0.021	
	Front	1RB	0.090	0.016	0.154	0.020	0.106	0.244	0.110	
	Back		0.133	0.206	0.193	0.035	0.339	0.326	0.168	
	Left		0.043	0.124	0.116	0.016	0.167	0.159	0.059	
	Right		0.027	0.103	0.085	0.047	0.130	0.112	0.074	
	Top		0.004	0.082	0.059	0.025	0.086	0.063	0.029	
	Bottom		0.153	0.013	0.021	0.009	0.166	0.174	0.162	
	Front	50%RB	0.084	0.016	0.154	0.020	0.100	0.238	0.104	
	Back		0.129	0.206	0.193	0.035	0.335	0.322	0.164	
	Left		0.041	0.124	0.116	0.016	0.165	0.157	0.057	
	Right		0.026	0.103	0.085	0.047	0.129	0.111	0.073	
	Top		0.004	0.082	0.059	0.025	0.086	0.063	0.029	
	Bottom		0.145	0.013	0.021	0.009	0.158	0.166	0.154	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
N41	Front	1RB	0.087	0.016	0.154	0.020	0.103	0.241	0.107	1.6
	Back		0.107	0.206	0.193	0.035	0.313	0.300	0.142	
	Left		0.043	0.124	0.116	0.016	0.167	0.159	0.059	
	Right		0.023	0.103	0.085	0.047	0.126	0.108	0.070	
	Top		0.006	0.082	0.059	0.025	0.088	0.065	0.031	
	Bottom		0.148	0.013	0.021	0.009	0.161	0.169	0.157	
	Front	50%RB	0.084	0.016	0.154	0.020	0.100	0.238	0.104	
	Back		0.099	0.206	0.193	0.035	0.305	0.292	0.134	
	Left		0.040	0.124	0.116	0.016	0.164	0.156	0.056	
	Right		0.021	0.103	0.085	0.047	0.124	0.106	0.068	
	Top		0.005	0.082	0.059	0.025	0.087	0.064	0.030	
N66	Bottom		0.133	0.013	0.021	0.009	0.146	0.154	0.142	
	Front	1RB	0.460	0.016	0.154	0.020	0.476	0.614	0.480	
	Back		0.655	0.206	0.193	0.035	0.861	0.848	0.690	
	Left		0.184	0.124	0.116	0.016	0.308	0.300	0.200	
	Right		0.278	0.103	0.085	0.047	0.381	0.363	0.325	
	Top		0.036	0.082	0.059	0.025	0.118	0.095	0.061	
	Bottom		1.058	0.013	0.021	0.009	1.071	1.079	1.067	
	Front	50%RB	0.437	0.016	0.154	0.020	0.453	0.591	0.457	
	Back		0.638	0.206	0.193	0.035	0.844	0.831	0.673	
	Left		0.167	0.124	0.116	0.016	0.291	0.283	0.183	
	Right		0.244	0.103	0.085	0.047	0.347	0.329	0.291	
	Top		0.033	0.082	0.059	0.025	0.115	0.092	0.058	
N77	Bottom		0.911	0.013	0.021	0.009	0.924	0.932	0.920	
	Front	1RB	0.133	0.016	0.154	0.020	0.149	0.287	0.153	
	Back		0.220	0.206	0.193	0.035	0.426	0.413	0.255	
	Left		0.078	0.124	0.116	0.016	0.202	0.194	0.094	
	Right		0.034	0.103	0.085	0.047	0.137	0.119	0.081	
	Top		0.132	0.082	0.059	0.025	0.214	0.191	0.157	
	Bottom		0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front	50%RB	0.118	0.016	0.154	0.020	0.134	0.272	0.138	
	Back		0.206	0.206	0.193	0.035	0.412	0.399	0.241	
	Left		0.070	0.124	0.116	0.016	0.194	0.186	0.086	
	Right		0.028	0.103	0.085	0.047	0.131	0.113	0.075	
	Top		0.116	0.082	0.059	0.025	0.198	0.175	0.141	
N77	Bottom		0.085	0.013	0.021	0.009	0.098	0.106	0.094	
	Front	1RB	0.126	0.016	0.154	0.020	0.142	0.280	0.146	
	Back		0.202	0.206	0.193	0.035	0.408	0.395	0.237	
	Left		0.084	0.124	0.116	0.016	0.208	0.200	0.100	
	Right		0.027	0.103	0.085	0.047	0.130	0.112	0.074	
	Top		0.165	0.082	0.059	0.025	0.247	0.224	0.190	
	Bottom		0.014	0.013	0.021	0.009	0.027	0.035	0.023	
	Front	50%RB	0.101	0.016	0.154	0.020	0.117	0.255	0.121	
	Back		0.185	0.206	0.193	0.035	0.391	0.378	0.220	
	Left		0.061	0.124	0.116	0.016	0.185	0.177	0.077	
	Right		0.026	0.103	0.085	0.047	0.129	0.111	0.073	
	Top		0.155	0.082	0.059	0.025	0.237	0.214	0.180	
N77	Bottom		0.012	0.013	0.021	0.009	0.025	0.033	0.021	
	Front	1RB	0.121	0.016	0.154	0.020	0.137	0.275	0.141	
	Back		0.163	0.206	0.193	0.035	0.369	0.356	0.198	
	Left		0.074	0.124	0.116	0.016	0.198	0.190	0.090	
	Right		0.020	0.103	0.085	0.047	0.123	0.105	0.067	
	Top		0.142	0.082	0.059	0.025	0.224	0.201	0.167	
	Bottom		0.004	0.013	0.021	0.009	0.017	0.025	0.013	
	Front	50%RB	0.118	0.016	0.154	0.020	0.134	0.272	0.138	
	Back		0.160	0.206	0.193	0.035	0.366	0.353	0.195	
	Left		0.071	0.124	0.116	0.016	0.195	0.187	0.087	
	Right		0.019	0.103	0.085	0.047	0.122	0.104	0.066	
	Top		0.131	0.082	0.059	0.025	0.213	0.190	0.156	
N77	Bottom		0.004	0.013	0.021	0.009	0.017	0.025	0.013	

Band	Test Position	Scaled SAR					WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
		RB allocation	WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
N78	Front	1RB	0.169	0.016	0.154	0.020	0.185	0.323	0.189	1.6
	Back		0.223	0.206	0.193	0.035	0.429	0.416	0.258	
	Left		0.129	0.124	0.116	0.016	0.253	0.245	0.145	
	Right		0.041	0.103	0.085	0.047	0.144	0.126	0.088	
	Top		0.192	0.082	0.059	0.025	0.274	0.251	0.217	
	Bottom		0.003	0.013	0.021	0.009	0.016	0.024	0.012	
	Front	50%RB	0.155	0.016	0.154	0.020	0.171	0.309	0.175	
	Back		0.202	0.206	0.193	0.035	0.408	0.395	0.237	
	Left		0.112	0.124	0.116	0.016	0.236	0.228	0.128	
	Right		0.036	0.103	0.085	0.047	0.139	0.121	0.083	
	Top		0.167	0.082	0.059	0.025	0.249	0.226	0.192	
	Bottom		0.002	0.013	0.021	0.009	0.015	0.023	0.011	
N78	Front	1RB	0.154	0.016	0.154	0.020	0.170	0.308	0.174	
	Back		0.199	0.206	0.193	0.035	0.405	0.392	0.234	
	Left		0.114	0.124	0.116	0.016	0.238	0.230	0.130	
	Right		0.034	0.103	0.085	0.047	0.137	0.119	0.081	
	Top		0.177	0.082	0.059	0.025	0.259	0.236	0.202	
	Bottom		0.005	0.013	0.021	0.009	0.018	0.026	0.014	
	Front	50%RB	0.151	0.016	0.154	0.020	0.167	0.305	0.171	
	Back		0.197	0.206	0.193	0.035	0.403	0.390	0.232	
	Left		0.109	0.124	0.116	0.016	0.233	0.225	0.125	
	Right		0.032	0.103	0.085	0.047	0.135	0.117	0.079	
	Top		0.169	0.082	0.059	0.025	0.251	0.228	0.194	
	Bottom		0.002	0.013	0.021	0.009	0.015	0.023	0.011	
N78	Front	1RB	0.163	0.016	0.154	0.020	0.179	0.317	0.183	
	Back		0.200	0.206	0.193	0.035	0.406	0.393	0.235	
	Left		0.123	0.124	0.116	0.016	0.247	0.239	0.139	
	Right		0.041	0.103	0.085	0.047	0.144	0.126	0.088	
	Top		0.172	0.082	0.059	0.025	0.254	0.231	0.197	
	Bottom		0.002	0.013	0.021	0.009	0.015	0.023	0.011	
	Front	50%RB	0.156	0.016	0.154	0.020	0.172	0.310	0.176	
	Back		0.195	0.206	0.193	0.035	0.401	0.388	0.230	
	Left		0.119	0.124	0.116	0.016	0.243	0.235	0.135	
	Right		0.039	0.103	0.085	0.047	0.142	0.124	0.086	
	Top		0.170	0.082	0.059	0.025	0.252	0.229	0.195	
	Bottom		0.003	0.013	0.021	0.009	0.016	0.024	0.012	
2-n7	Front	1RB	0.071	0.016	0.154	0.020	0.087	0.225	0.091	
	Back		0.136	0.206	0.193	0.035	0.342	0.329	0.171	
	Left		0.042	0.124	0.116	0.016	0.166	0.158	0.058	
	Right		0.034	0.103	0.085	0.047	0.137	0.119	0.081	
	Top		0.029	0.082	0.059	0.025	0.111	0.088	0.054	
	Bottom		0.007	0.013	0.021	0.009	0.020	0.028	0.016	
	Front	50%RB	0.065	0.016	0.154	0.020	0.081	0.219	0.085	
	Back		0.130	0.206	0.193	0.035	0.336	0.323	0.165	
	Left		0.037	0.124	0.116	0.016	0.161	0.153	0.053	
	Right		0.030	0.103	0.085	0.047	0.133	0.115	0.077	
	Top		0.024	0.082	0.059	0.025	0.106	0.083	0.049	
	Bottom		0.006	0.013	0.021	0.009	0.019	0.027	0.015	
2-n66	Front	1RB	0.116	0.016	0.154	0.020	0.132	0.270	0.136	
	Back		0.156	0.206	0.193	0.035	0.362	0.349	0.191	
	Left		0.050	0.124	0.116	0.016	0.174	0.166	0.066	
	Right		0.046	0.103	0.085	0.047	0.149	0.131	0.093	
	Top		0.040	0.082	0.059	0.025	0.122	0.099	0.065	
	Bottom		0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front	50%RB	0.105	0.016	0.154	0.020	0.121	0.259	0.125	
	Back		0.136	0.206	0.193	0.035	0.342	0.329	0.171	
	Left		0.045	0.124	0.116	0.016	0.169	0.161	0.061	
	Right		0.039	0.103	0.085	0.047	0.142	0.124	0.086	
	Top		0.034	0.082	0.059	0.025	0.116	0.093	0.059	
	Bottom		0.009	0.013	0.021	0.009	0.022	0.030	0.018	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
2-n78	Front	1RB	0.128	0.016	0.154	0.020	0.144	0.282	0.148	1.6
	Back		0.320	0.206	0.193	0.035	0.526	0.513	0.355	
	Left		0.096	0.124	0.116	0.016	0.220	0.212	0.112	
	Right		0.087	0.103	0.085	0.047	0.190	0.172	0.134	
	Top		0.072	0.082	0.059	0.025	0.154	0.131	0.097	
	Bottom	50%RB	0.012	0.013	0.021	0.009	0.025	0.033	0.021	
	Front		0.117	0.016	0.154	0.020	0.133	0.271	0.137	
	Back		0.310	0.206	0.193	0.035	0.516	0.503	0.345	
	Left		0.092	0.124	0.116	0.016	0.216	0.208	0.108	
	Right		0.084	0.103	0.085	0.047	0.187	0.169	0.131	
	Top		0.064	0.082	0.059	0.025	0.146	0.123	0.089	
	Bottom		0.010	0.013	0.021	0.009	0.023	0.031	0.019	
4-n7	Front	1RB	0.114	0.016	0.154	0.020	0.130	0.268	0.134	
	Back		0.325	0.206	0.193	0.035	0.531	0.518	0.360	
	Left		0.044	0.124	0.116	0.016	0.168	0.160	0.060	
	Right		0.050	0.103	0.085	0.047	0.153	0.135	0.097	
	Top		0.042	0.082	0.059	0.025	0.124	0.101	0.067	
	Bottom	50%RB	0.010	0.013	0.021	0.009	0.023	0.031	0.019	
	Front		0.105	0.016	0.154	0.020	0.121	0.259	0.125	
	Back		0.312	0.206	0.193	0.035	0.518	0.505	0.347	
	Left		0.039	0.124	0.116	0.016	0.163	0.155	0.055	
	Right		0.044	0.103	0.085	0.047	0.147	0.129	0.091	
	Top		0.035	0.082	0.059	0.025	0.117	0.094	0.060	
	Bottom		0.008	0.013	0.021	0.009	0.021	0.029	0.017	
4-n41	Front	1RB	0.033	0.016	0.154	0.020	0.049	0.187	0.053	
	Back		0.049	0.206	0.193	0.035	0.255	0.242	0.084	
	Left		0.025	0.124	0.116	0.016	0.149	0.141	0.041	
	Right		0.020	0.103	0.085	0.047	0.123	0.105	0.067	
	Top		0.014	0.082	0.059	0.025	0.096	0.073	0.039	
	Bottom	50%RB	0.005	0.013	0.021	0.009	0.018	0.026	0.014	
	Front		0.030	0.016	0.154	0.020	0.046	0.184	0.050	
	Back		0.043	0.206	0.193	0.035	0.249	0.236	0.078	
	Left		0.021	0.124	0.116	0.016	0.145	0.137	0.037	
	Right		0.018	0.103	0.085	0.047	0.121	0.103	0.065	
	Top		0.013	0.082	0.059	0.025	0.095	0.072	0.038	
	Bottom		0.004	0.013	0.021	0.009	0.017	0.025	0.013	
4-n78	Front	1RB	0.138	0.016	0.154	0.020	0.154	0.292	0.158	
	Back		0.220	0.206	0.193	0.035	0.426	0.413	0.255	
	Left		0.095	0.124	0.116	0.016	0.219	0.211	0.111	
	Right		0.083	0.103	0.085	0.047	0.186	0.168	0.130	
	Top		0.072	0.082	0.059	0.025	0.154	0.131	0.097	
	Bottom	50%RB	0.009	0.013	0.021	0.009	0.022	0.030	0.018	
	Front		0.133	0.016	0.154	0.020	0.149	0.287	0.153	
	Back		0.205	0.206	0.193	0.035	0.411	0.398	0.240	
	Left		0.089	0.124	0.116	0.016	0.213	0.205	0.105	
	Right		0.079	0.103	0.085	0.047	0.182	0.164	0.126	
	Top		0.065	0.082	0.059	0.025	0.147	0.124	0.090	
	Bottom		0.008	0.013	0.021	0.009	0.021	0.029	0.017	
5-n7	Front	1RB	0.266	0.016	0.154	0.020	0.282	0.420	0.286	
	Back		0.502	0.206	0.193	0.035	0.708	0.695	0.537	
	Left		0.165	0.124	0.116	0.016	0.289	0.281	0.181	
	Right		0.137	0.103	0.085	0.047	0.240	0.222	0.184	
	Top		0.143	0.082	0.059	0.025	0.225	0.202	0.168	
	Bottom	50%RB	0.015	0.013	0.021	0.009	0.028	0.036	0.024	
	Front		0.254	0.016	0.154	0.020	0.270	0.408	0.274	
	Back		0.498	0.206	0.193	0.035	0.704	0.691	0.533	
	Left		0.147	0.124	0.116	0.016	0.271	0.263	0.163	
	Right		0.129	0.103	0.085	0.047	0.232	0.214	0.176	
	Top		0.114	0.082	0.059	0.025	0.196	0.173	0.139	
	Bottom		0.014	0.013	0.021	0.009	0.027	0.035	0.023	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
5-n38	Front	1RB	0.168	0.016	0.154	0.020	0.184	0.322	0.188	1.6
	Back		0.380	0.206	0.193	0.035	0.586	0.573	0.415	
	Left		0.109	0.124	0.116	0.016	0.233	0.225	0.125	
	Right		0.081	0.103	0.085	0.047	0.184	0.166	0.128	
	Top		0.090	0.082	0.059	0.025	0.172	0.149	0.115	
	Bottom		0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front	50%RB	0.149	0.016	0.154	0.020	0.165	0.303	0.169	
	Back		0.363	0.206	0.193	0.035	0.569	0.556	0.398	
	Left		0.101	0.124	0.116	0.016	0.225	0.217	0.117	
	Right		0.074	0.103	0.085	0.047	0.177	0.159	0.121	
	Top		0.086	0.082	0.059	0.025	0.168	0.145	0.111	
	Bottom		0.008	0.013	0.021	0.009	0.021	0.029	0.017	
5-n41	Front	1RB	0.295	0.016	0.154	0.020	0.311	0.449	0.315	
	Back		0.400	0.206	0.193	0.035	0.606	0.593	0.435	
	Left		0.198	0.124	0.116	0.016	0.322	0.314	0.214	
	Right		0.040	0.103	0.085	0.047	0.143	0.125	0.087	
	Top		0.112	0.082	0.059	0.025	0.194	0.171	0.137	
	Bottom		0.014	0.013	0.021	0.009	0.027	0.035	0.023	
	Front	50%RB	0.284	0.016	0.154	0.020	0.300	0.438	0.304	
	Back		0.396	0.206	0.193	0.035	0.602	0.589	0.431	
	Left		0.192	0.124	0.116	0.016	0.316	0.308	0.208	
	Right		0.033	0.103	0.085	0.047	0.136	0.118	0.080	
	Top		0.102	0.082	0.059	0.025	0.184	0.161	0.127	
	Bottom		0.012	0.013	0.021	0.009	0.025	0.033	0.021	
5-n66	Front	1RB	0.253	0.016	0.154	0.020	0.269	0.407	0.273	
	Back		0.374	0.206	0.193	0.035	0.580	0.567	0.409	
	Left		0.156	0.124	0.116	0.016	0.280	0.272	0.172	
	Right		0.031	0.103	0.085	0.047	0.134	0.116	0.078	
	Top		0.109	0.082	0.059	0.025	0.191	0.168	0.134	
	Bottom		0.013	0.013	0.021	0.009	0.026	0.034	0.022	
	Front	50%RB	0.246	0.016	0.154	0.020	0.262	0.400	0.266	
	Back		0.365	0.206	0.193	0.035	0.571	0.558	0.400	
	Left		0.144	0.124	0.116	0.016	0.268	0.260	0.160	
	Right		0.029	0.103	0.085	0.047	0.132	0.114	0.076	
	Top		0.100	0.082	0.059	0.025	0.182	0.159	0.125	
	Bottom		0.011	0.013	0.021	0.009	0.024	0.032	0.020	
5-n77	Front	1RB	0.252	0.016	0.154	0.020	0.268	0.406	0.272	
	Back		0.374	0.206	0.193	0.035	0.580	0.567	0.409	
	Left		0.155	0.124	0.116	0.016	0.279	0.271	0.171	
	Right		0.025	0.103	0.085	0.047	0.128	0.110	0.072	
	Top		0.068	0.082	0.059	0.025	0.150	0.127	0.093	
	Bottom		0.013	0.013	0.021	0.009	0.026	0.034	0.022	
	Front	50%RB	0.246	0.016	0.154	0.020	0.262	0.400	0.266	
	Back		0.366	0.206	0.193	0.035	0.572	0.559	0.401	
	Left		0.142	0.124	0.116	0.016	0.266	0.258	0.158	
	Right		0.022	0.103	0.085	0.047	0.125	0.107	0.069	
	Top		0.063	0.082	0.059	0.025	0.145	0.122	0.088	
	Bottom		0.011	0.013	0.021	0.009	0.024	0.032	0.020	
5-n78	Front	1RB	0.273	0.016	0.154	0.020	0.289	0.427	0.293	
	Back		0.384	0.206	0.193	0.035	0.590	0.577	0.419	
	Left		0.130	0.124	0.116	0.016	0.254	0.246	0.146	
	Right		0.036	0.103	0.085	0.047	0.139	0.121	0.083	
	Top		0.096	0.082	0.059	0.025	0.178	0.155	0.121	
	Bottom		0.017	0.013	0.021	0.009	0.030	0.038	0.026	
	Front	50%RB	0.268	0.016	0.154	0.020	0.284	0.422	0.288	
	Back		0.376	0.206	0.193	0.035	0.582	0.569	0.411	
	Left		0.121	0.124	0.116	0.016	0.245	0.237	0.137	
	Right		0.034	0.103	0.085	0.047	0.137	0.119	0.081	
	Top		0.091	0.082	0.059	0.025	0.173	0.150	0.116	
	Bottom		0.015	0.013	0.021	0.009	0.028	0.036	0.024	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
7-n7	Front	1RB	0.083	0.016	0.154	0.020	0.099	0.237	0.103	1.6
	Back		0.119	0.206	0.193	0.035	0.325	0.312	0.154	
	Left		0.062	0.124	0.116	0.016	0.186	0.178	0.078	
	Right		0.022	0.103	0.085	0.047	0.125	0.107	0.069	
	Top		0.036	0.082	0.059	0.025	0.118	0.095	0.061	
	Bottom	50%RB	0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front		0.077	0.016	0.154	0.020	0.093	0.231	0.097	
	Back		0.109	0.206	0.193	0.035	0.315	0.302	0.144	
	Left		0.054	0.124	0.116	0.016	0.178	0.170	0.070	
	Right		0.019	0.103	0.085	0.047	0.122	0.104	0.066	
	Top		0.031	0.082	0.059	0.025	0.113	0.090	0.056	
	Bottom		0.009	0.013	0.021	0.009	0.022	0.030	0.018	
7-n66	Front	1RB	0.141	0.016	0.154	0.020	0.157	0.295	0.161	
	Back		0.206	0.206	0.193	0.035	0.412	0.399	0.241	
	Left		0.093	0.124	0.116	0.016	0.217	0.209	0.109	
	Right		0.048	0.103	0.085	0.047	0.151	0.133	0.095	
	Top		0.037	0.082	0.059	0.025	0.119	0.096	0.062	
	Bottom	50%RB	0.016	0.013	0.021	0.009	0.029	0.037	0.025	
	Front		0.130	0.016	0.154	0.020	0.146	0.284	0.150	
	Back		0.197	0.206	0.193	0.035	0.403	0.390	0.232	
	Left		0.088	0.124	0.116	0.016	0.212	0.204	0.104	
	Right		0.043	0.103	0.085	0.047	0.146	0.128	0.090	
	Top		0.031	0.082	0.059	0.025	0.113	0.090	0.056	
	Bottom		0.014	0.013	0.021	0.009	0.027	0.035	0.023	
7-n77	Front	1RB	0.067	0.016	0.154	0.020	0.083	0.221	0.087	
	Back		0.097	0.206	0.193	0.035	0.303	0.290	0.132	
	Left		0.051	0.124	0.116	0.016	0.175	0.167	0.067	
	Right		0.031	0.103	0.085	0.047	0.134	0.116	0.078	
	Top		0.030	0.082	0.059	0.025	0.112	0.089	0.055	
	Bottom	50%RB	0.018	0.013	0.021	0.009	0.031	0.039	0.027	
	Front		0.063	0.016	0.154	0.020	0.079	0.217	0.083	
	Back		0.088	0.206	0.193	0.035	0.294	0.281	0.123	
	Left		0.045	0.124	0.116	0.016	0.169	0.161	0.061	
	Right		0.029	0.103	0.085	0.047	0.132	0.114	0.076	
	Top		0.022	0.082	0.059	0.025	0.104	0.081	0.047	
	Bottom		0.015	0.013	0.021	0.009	0.028	0.036	0.024	
7-n78	Front	1RB	0.062	0.016	0.154	0.020	0.078	0.216	0.082	
	Back		0.086	0.206	0.193	0.035	0.292	0.279	0.121	
	Left		0.047	0.124	0.116	0.016	0.171	0.163	0.063	
	Right		0.017	0.103	0.085	0.047	0.120	0.102	0.064	
	Top		0.025	0.082	0.059	0.025	0.107	0.084	0.050	
	Bottom	50%RB	0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front		0.059	0.016	0.154	0.020	0.075	0.213	0.079	
	Back		0.082	0.206	0.193	0.035	0.288	0.275	0.117	
	Left		0.044	0.124	0.116	0.016	0.168	0.160	0.060	
	Right		0.015	0.103	0.085	0.047	0.118	0.100	0.062	
	Top		0.022	0.082	0.059	0.025	0.104	0.081	0.047	
	Bottom		0.009	0.013	0.021	0.009	0.022	0.030	0.018	
38-n78	Front	1RB	0.057	0.016	0.154	0.020	0.073	0.211	0.077	
	Back		0.077	0.206	0.193	0.035	0.283	0.270	0.112	
	Left		0.037	0.124	0.116	0.016	0.161	0.153	0.053	
	Right		0.016	0.103	0.085	0.047	0.119	0.101	0.063	
	Top		0.025	0.082	0.059	0.025	0.107	0.084	0.050	
	Bottom	50%RB	0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front		0.051	0.016	0.154	0.020	0.067	0.205	0.071	
	Back		0.072	0.206	0.193	0.035	0.278	0.265	0.107	
	Left		0.031	0.124	0.116	0.016	0.155	0.147	0.047	
	Right		0.014	0.103	0.085	0.047	0.117	0.099	0.061	
	Top		0.022	0.082	0.059	0.025	0.104	0.081	0.047	
	Bottom		0.009	0.013	0.021	0.009	0.022	0.030	0.018	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
41-n41	Front	1RB	0.066	0.016	0.154	0.020	0.082	0.220	0.086	1.6
	Back		0.095	0.206	0.193	0.035	0.301	0.288	0.130	
	Left		0.050	0.124	0.116	0.016	0.174	0.166	0.066	
	Right		0.020	0.103	0.085	0.047	0.123	0.105	0.067	
	Top		0.039	0.082	0.059	0.025	0.121	0.098	0.064	
	Bottom	50%RB	0.014	0.013	0.021	0.009	0.027	0.035	0.023	
	Front		0.061	0.016	0.154	0.020	0.077	0.215	0.081	
	Back		0.092	0.206	0.193	0.035	0.298	0.285	0.127	
	Left		0.046	0.124	0.116	0.016	0.170	0.162	0.062	
	Right		0.015	0.103	0.085	0.047	0.118	0.100	0.062	
	Top		0.032	0.082	0.059	0.025	0.114	0.091	0.057	
	Bottom		0.012	0.013	0.021	0.009	0.025	0.033	0.021	
41-n77	Front	1RB	0.063	0.016	0.154	0.020	0.079	0.217	0.083	
	Back		0.092	0.206	0.193	0.035	0.298	0.285	0.127	
	Left		0.042	0.124	0.116	0.016	0.166	0.158	0.058	
	Right		0.017	0.103	0.085	0.047	0.120	0.102	0.064	
	Top		0.032	0.082	0.059	0.025	0.114	0.091	0.057	
	Bottom	50%RB	0.011	0.013	0.021	0.009	0.024	0.032	0.020	
	Front		0.056	0.016	0.154	0.020	0.072	0.210	0.076	
	Back		0.084	0.206	0.193	0.035	0.290	0.277	0.119	
	Left		0.035	0.124	0.116	0.016	0.159	0.151	0.051	
	Right		0.016	0.103	0.085	0.047	0.119	0.101	0.063	
	Top		0.026	0.082	0.059	0.025	0.108	0.085	0.051	
	Bottom		0.008	0.013	0.021	0.009	0.021	0.029	0.017	
41-n78	Front	1RB	0.070	0.016	0.154	0.020	0.086	0.224	0.090	
	Back		0.080	0.206	0.193	0.035	0.286	0.273	0.115	
	Left		0.028	0.124	0.116	0.016	0.152	0.144	0.044	
	Right		0.015	0.103	0.085	0.047	0.118	0.100	0.062	
	Top		0.014	0.082	0.059	0.025	0.096	0.073	0.039	
	Bottom	50%RB	0.008	0.013	0.021	0.009	0.021	0.029	0.017	
	Front		0.063	0.016	0.154	0.020	0.079	0.217	0.083	
	Back		0.072	0.206	0.193	0.035	0.278	0.265	0.107	
	Left		0.022	0.124	0.116	0.016	0.146	0.138	0.038	
	Right		0.013	0.103	0.085	0.047	0.116	0.098	0.060	
	Top		0.010	0.082	0.059	0.025	0.092	0.069	0.035	
	Bottom		0.007	0.013	0.021	0.009	0.020	0.028	0.016	
66-n7	Front	1RB	0.107	0.016	0.154	0.020	0.123	0.261	0.127	
	Back		0.153	0.206	0.193	0.035	0.359	0.346	0.188	
	Left		0.086	0.124	0.116	0.016	0.210	0.202	0.102	
	Right		0.048	0.103	0.085	0.047	0.151	0.133	0.095	
	Top		0.056	0.082	0.059	0.025	0.138	0.115	0.081	
	Bottom	50%RB	0.024	0.013	0.021	0.009	0.037	0.045	0.033	
	Front		0.069	0.016	0.154	0.020	0.085	0.223	0.089	
	Back		0.098	0.206	0.193	0.035	0.304	0.291	0.133	
	Left		0.055	0.124	0.116	0.016	0.179	0.171	0.071	
	Right		0.030	0.103	0.085	0.047	0.133	0.115	0.077	
	Top		0.037	0.082	0.059	0.025	0.119	0.096	0.062	
	Bottom		0.015	0.013	0.021	0.009	0.028	0.036	0.024	
66-n38	Front	1RB	0.127	0.016	0.154	0.020	0.143	0.281	0.147	
	Back		0.145	0.206	0.193	0.035	0.351	0.338	0.180	
	Left		0.077	0.124	0.116	0.016	0.201	0.193	0.093	
	Right		0.051	0.103	0.085	0.047	0.154	0.136	0.098	
	Top		0.057	0.082	0.059	0.025	0.139	0.116	0.082	
	Bottom	50%RB	0.029	0.013	0.021	0.009	0.042	0.050	0.038	
	Front		0.083	0.016	0.154	0.020	0.099	0.237	0.103	
	Back		0.094	0.206	0.193	0.035	0.300	0.287	0.129	
	Left		0.049	0.124	0.116	0.016	0.173	0.165	0.065	
	Right		0.032	0.103	0.085	0.047	0.135	0.117	0.079	
	Top		0.037	0.082	0.059	0.025	0.119	0.096	0.062	
	Bottom		0.018	0.013	0.021	0.009	0.031	0.039	0.027	

Band	Test Position	RB allocation	Scaled SAR				WWAN+ WIFI2.4G Σ SAR (W/kg)	WWAN+ WIFI5G Σ SAR (W/kg)	WWAN+ BT Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)	BT SAR 1g(W/kg)				
66-n41	Front	1RB	0.103	0.016	0.154	0.020	0.119	0.257	0.123	1.6
	Back		0.134	0.206	0.193	0.035	0.340	0.327	0.169	
	Left		0.063	0.124	0.116	0.016	0.187	0.179	0.079	
	Right		0.024	0.103	0.085	0.047	0.127	0.109	0.071	
	Top		0.047	0.082	0.059	0.025	0.129	0.106	0.072	
	Bottom		0.015	0.013	0.021	0.009	0.028	0.036	0.024	
	Front	50%RB	0.052	0.016	0.154	0.020	0.068	0.206	0.072	
	Back		0.067	0.206	0.193	0.035	0.273	0.260	0.102	
	Left		0.031	0.124	0.116	0.016	0.155	0.147	0.047	
	Right		0.012	0.103	0.085	0.047	0.115	0.097	0.059	
	Top		0.023	0.082	0.059	0.025	0.105	0.082	0.048	
	Bottom		0.007	0.013	0.021	0.009	0.020	0.028	0.016	
66-n66	Front	1RB	0.047	0.016	0.154	0.020	0.063	0.201	0.067	
	Back		0.075	0.206	0.193	0.035	0.281	0.268	0.110	
	Left		0.031	0.124	0.116	0.016	0.155	0.147	0.047	
	Right		0.015	0.103	0.085	0.047	0.118	0.100	0.062	
	Top		0.025	0.082	0.059	0.025	0.107	0.084	0.050	
	Bottom		0.012	0.013	0.021	0.009	0.025	0.033	0.021	
	Front	50%RB	0.030	0.016	0.154	0.020	0.046	0.184	0.050	
	Back		0.048	0.206	0.193	0.035	0.254	0.241	0.083	
	Left		0.019	0.124	0.116	0.016	0.143	0.135	0.035	
	Right		0.009	0.103	0.085	0.047	0.112	0.094	0.056	
	Top		0.015	0.082	0.059	0.025	0.097	0.074	0.040	
	Bottom		0.006	0.013	0.021	0.009	0.019	0.027	0.015	
66-n77	Front	1RB	0.040	0.016	0.154	0.020	0.056	0.194	0.060	
	Back		0.063	0.206	0.193	0.035	0.269	0.256	0.098	
	Left		0.026	0.124	0.116	0.016	0.150	0.142	0.042	
	Right		0.013	0.103	0.085	0.047	0.116	0.098	0.060	
	Top		0.021	0.082	0.059	0.025	0.103	0.080	0.046	
	Bottom		0.010	0.013	0.021	0.009	0.023	0.031	0.019	
	Front	50%RB	0.025	0.016	0.154	0.020	0.041	0.179	0.045	
	Back		0.041	0.206	0.193	0.035	0.247	0.234	0.076	
	Left		0.017	0.124	0.116	0.016	0.141	0.133	0.033	
	Right		0.008	0.103	0.085	0.047	0.111	0.093	0.055	
	Top		0.013	0.082	0.059	0.025	0.095	0.072	0.038	
	Bottom		0.006	0.013	0.021	0.009	0.019	0.027	0.015	
66-n78	Front	1RB	0.047	0.016	0.154	0.020	0.063	0.201	0.067	
	Back		0.068	0.206	0.193	0.035	0.274	0.261	0.103	
	Left		0.029	0.124	0.116	0.016	0.153	0.145	0.045	
	Right		0.012	0.103	0.085	0.047	0.115	0.097	0.059	
	Top		0.025	0.082	0.059	0.025	0.107	0.084	0.050	
	Bottom		0.010	0.013	0.021	0.009	0.023	0.031	0.019	
	Front	50%RB	0.030	0.016	0.154	0.020	0.046	0.184	0.050	
	Back		0.044	0.206	0.193	0.035	0.250	0.237	0.079	
	Left		0.018	0.124	0.116	0.016	0.142	0.134	0.034	
	Right		0.008	0.103	0.085	0.047	0.111	0.093	0.055	
	Top		0.016	0.082	0.059	0.025	0.098	0.075	0.041	
	Bottom		0.006	0.013	0.021	0.009	0.019	0.027	0.015	

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_1) (1g)	(c_2) (10g)	Std. Unc (1g)	Std. Unc (10g)
Measurement System Errors								
CF	Probe Calibration	±13.1%	N	2	1	1	±6.55%	±6.55%
CF _{drift}	Probe Calibration Drift	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
LIN	Probe Linearity	±4.7%	R	$\sqrt{3}$	1	1	±2.7%	±2.7%
BBS	Broadband Signal	±2.6%	R	$\sqrt{3}$	1	1	±1.5%	±1.5%
ISO	Probe Isotropy	±7.6%	R	$\sqrt{3}$	1	1	±4.4%	±4.4%
DAE	Other Probe+Electronic	±1.2%	N	1	1	1	±1.2%	±1.2%
AMB	RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Δ_{sys}	Probe Positioning	±0.005 mm	N	1	0.29	0.29	±0.2%	±0.20%
DAT	Data Processing	±2.3%	N	1	1	1	±2.3%	±2.3%
Phantom and Device Errors								
LIQ(σ)	Conductivity (meas.)DAK	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
LIQ(T_σ)	Conductivity (temp.)BB	±3.4%	R	$\sqrt{3}$	0.78	0.71	±1.5%	±1.4%
EPS	Phantom Permittivity	±14.0%	R	$\sqrt{3}$	0.25	0.25	±2.0%	±2.0%
DIS	Distance DUT – TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
D _{xyz}	Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
H	Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
MOD	DUT Modulation ^m	±2.4%	R	$\sqrt{3}$	1	1	±1.4%	±1.4%
TAS	Time-average SAR	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
RF _{drift}	DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
VAL	Val Antenna Unc. ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
RF _{in}	Unc.Input Power ^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results								
C(ϵ , σ)	Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
C(R)	SAR scaling ^p	±0.0%	R	$\sqrt{3}$	1	1	±0.0%	±0.0%
u(Δ SAR)	Combined Uncertainty						±11.6%	±11.6%
U	Expanded Uncertainty						±23.3%	±23.1%

13.2 Measurement uncertainty evaluation for system check

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

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

14 Test equipment and ancillaries used for tests

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

	Manufact urer	Device Type	Type(Model)	Serial number	calibration	
					Last Cal.	Due Date
☒	SPEAG	E-Field PROBE	EX3DV4	7951	2025-09-10	2026-09-09
☒	SPEAG	Validation Kits	D750V3	1151	2024-08-19	2027-08-18
☒	SPEAG	Validation Kits	D835V2	4d203	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1750V2	1143	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1900V2	5d211	2024-08-19	2027-08-18
☒	SPEAG	Validation Sources	D2550V2	1015	2024-08-16	2027-08-15
☒	SPEAG	Validation Sources	D3500V2	1164	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3700V2	1139	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3900V2	1106	2024-10-17	2027-10-16
☐	SPEAG	Validation Sources	D4600V2	1097	2024-10-17	2027-10-16
☐	SPEAG	Validation Sources	D4900V2	1093	2024-10-08	2027-10-07
☒	SPEAG	Validation Sources	D5GHzV2	1412	2024-10-17	2027-10-16
☐	SPEAG	Validation Sources	D6.5GHzV2	1116	2024-10-14	2027-10-13
☒	SPEAG	DAE	DAE4ip	1921	2025-09-04	2026-09-03
☒	R & S	Universal Radio Communication Tester	CMU 200	119733	2025-11-27	2026-11-26
☒	R & S	Universal Radio Communication Tester	CMW500	144459	2025-11-27	2026-11-26
☒	R & S	UXM5G Wireless Test Platform	E7515B	MY60192341	2025-11-27	2026-11-26
☒	HP	Network Analyser	8753D	3410A08889	2025-11-27	2026-11-26
☒	HP	Signal Generator	E4421B	GB39340770	2025-11-27	2026-11-26
☒	Keithley	Multimeter	Keithley 2000	4014539	2025-11-27	2026-11-26
☒	SATIMO	Amplifier	Power Amplifier	MODU-023-A-0004	2025-11-27	2026-11-26
☒	Agilent	Power Meter	E4418B	GB43312909	2025-11-27	2026-11-26
☒	Agilent	Power Meter Sensor	E4412A	MY41500046	2025-11-27	2026-11-26

Annex A: System performance verification

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

Annex B: Measurement results

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

Annex C: Calibration reports

(Please See the Calibration reports of annex C.)

Annex D: Photographs

(Please see SAR test setup photos.)