



SAR TEST REPORT

Report No.: 20250117G00948X-W2
Product Name: SOLIS Hero
Model Name: SolHero24
Trade Name: SIMO
FCC ID: 2A9UP-25HERO
IC: 31476-25HERO
Applicant: SIMO Holdings Inc.
Address: PO.Box 309, Ugland House, GrandCayman, KY1-1104, Cayman Islands
Test Date: 2025/02/20~2025/03/15
Issued by: CCIC Southern Testing Co., Ltd.
Lab Location: Electronic Testing Building, No.43, Shahe Road, Xili Street,
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Test Report

Applicant: SIMO Holdings Inc.

Applicant Address: PO.Box 309, Ugland House, GrandCayman, KY1-1104, Cayman Islands

Manufacturer: SIMO Holdings Inc.

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FCC 47 CFR Part 2(2.1093): Radiofrequency Radiation Exposure Evaluation: Portable Devices

ANSI/IEEE C95.1–2019: Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz

IEEE 1528–2013: IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques

Test Standards: **RSS-102.SAR.MEAS:** Measurement Procedure for Assessing Specific Absorption Rate(SAR) Compliance in Accordance with RSS-102

RSS-102 Issue 6: Radio Frequency (RF) Exposure Compliance of Radio communication Apparatus (All Frequency Bands)

IEC/IEEE 62209-1528:2020 Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices –Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)

Test Result: Pass

Tested by: Carl Wei 2025-03-18

Carl Wei, Test Engineer

Reviewed by: Sun Jiaohui 2025-03-18

Sun Jiaohui, Senior Engineer

Approved by: Chris You 2025-03-18

Chris You, Manager



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1. Administrative Data

1.1 Testing Laboratory

Test Site:	CCIC Southern Testing Co., Ltd.
Address:	Electronic Testing Building, No.43, Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China
Accreditation:	☒ CCIC-SET Lab 1 Address: Electronic Testing Building, No.43, Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China FCC-Registration No.: CN1283 CCIC Southern Testing Co., Ltd EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Designation Number: CN1283, valid time is until Jun. 30th, 2025. ISED Registration: 11185A, CAB number: CN0064 CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 11185A on Aug. 04, 2016, valid time is until Jun. 30th, 2025. A2LA Code: 5721.01 CCIC-SET is a third party testing organization accredited by A2LA according to ISO/IEC 17025. The accreditation certificate number is 5721.01. CNAS L1659 CCIC Southern Testing Co., Ltd. CCIC is a third party testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L1659. ☐ CCIC-SET Lab 4 Address: No.125, Hongmei Section, Wangsha Road, Hongmei Town, Dongguan City, Guangdong Province, China CNAS L1659 CCIC Southern Testing Co., Ltd. CCIC is a third party testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L1659.
Test Environment Condition:	Temperature (°C): 18 °C ~25 °C Relative Humidity (%): 35%~75% RH Atmospheric Pressure (kPa): 86KPa-106KPa



1.2 List of test Equipment

This table is a complete overview of the SAR measurement equipment. Devices used during the test described are marked ☒.

	EQUIPMENT	Model	Serial number	Calibration Date	Due Date
☒	SAR Probe	SSE2	3723-EPGO-433	2024/04/17	2025/04/16
☒	Dipole	SID750	SN 23/15 DIP0G750-378	2023/05/24	2026/05/23
☒	Dipole	SID835	SN 09/13 DIP0G835-217	2023/05/24	2026/05/23
☒	Dipole	SID1800	SN 09/13 DIP1G800-216	2023/05/24	2026/05/23
☒	Dipole	SID1900	SN 09/13 DIP1G900-218	2023/05/24	2026/05/23
☒	Dipole	SID2300	SN 20/20 DIP2G300-525	2023/05/24	2026/05/23
☒	Dipole	SID2450	SN 09/13 DIP2G450-220	2023/05/24	2026/05/23
☒	Dipole	SID2600	SN 32/14 DIP2G600-338	2023/05/24	2026/05/23
☒	Dipole	SWG5500	SN15/15 WGA39	2023/05/25	2026/05/24
☒	Multimeter	Keithley-2000	4014020	2025/01/14	2026/01/13
☒	Wideband Radio Communication Tester	CMW500	148888	2024/10/23	2025/10/22
☒	Wideband Radio Communication Tester	E7515A	MY56040357	2024/12/30	2025/12/29
☒	Network Analyzer	ZVB8	100343	2024/10/22	2025/10/21
☒	Signal Generator	SMB 100A	177649	2025/01/06	2026/01/05
☒	Power Meter	NRP2	103434	2024/06/19	2025/06/18

2. Equipment Under Test (EUT)

Identification of the Equipment under Test

Device type :	portable device	
Exposure category:	uncontrolled environment / general population	
Product Name:	SOLIS Hero	
Brand Name:	SIMO	
Model Name:	SolHero24	
Operating Band(s):	WCDMA 850/1700/1900, LTE Band 2/4/5/7/12/13/17/25/26/41/66/71, WIFI2.4G, WIFI5G, Bluetooth	
Test Band(s):	WCDMA 850/1700/1900, LTE Band 2/4/5/7/12/13/17/25/26/41/66/71, WIFI2.4G, WIFI5G, Bluetooth	
Test modulation:	WCDMA(QPSK), LTE(QPSK/16QAM/64QAM), WIFI 2.4G(DSSS, OFDM), WIFI 5G(OFDM), Bluetooth(GFSK/ π /4-DQPSK/8-DPSK)	
IMEI:	868443020001028	
Tested frequency range(s)	transmitter frequency range	receiver frequency range
WCDMA 850:	824-849 MHz	869-894 MHz
WCDMA 1700:	1710-1755 MHz	2110-2155 MHz
WCDMA 1900:	1850-1910 MHz	1930-1990 MHz
LTE Band 2:	1850-1910 MHz	1930-1990 MHz
LTE Band 4:	1710-1755 MHz	2110-2155 MHz
LTE Band 5:	824-849 MHz	869-894 MHz
LTE Band 7:	2500-2570 MHz	2620-2690 MHz
LTE Band 12:	698-716 MHz	728-746 MHz
LTE Band 13:	777-787 MHz	746-756 MHz
LTE Band 17:	704-716 MHz	734-746 MHz
LTE Band 25:	1850-1915 MHz	1930-1995 MHz
LTE Band 26:	814-849 MHz	859-894 MHz
LTE Band 41:	2555MHz~2655 MHz	
LTE Band 66:	1710-1780 MHz	2110-2200 MHz
LTE Band 71:	663-698 MHz	617-652 MHz
WIFI:	2412-2462 MHz	
	5150-5250 MHz	
	5725-5850 MHz	
Bluetooth:	2402-2480 MHz	
Hardware version :	Y6601-V1.2	
Software version :	2.104.5.91(0312)	
Antenna type :	Internal antenna	
Hotspot :	WLAN support Hotspot mode(5G WIFI only for B1 & B4)	
Battery options :	Model No.: SOLHero24 Typical Capacity: 5250mAh Rated Voltage: 3.8 V Charge Limit: 4.35 V Manufacturer: SHENZHENJIAYUANTONGDATECHNOLOGYCO.,	



	LTD
MAX. SAR Value:	Body-worn: 1.017 W/Kg(Limit:1.6W/Kg, 5mm distance) Hotspot: 1.017 W/Kg(Limit:1.6W/Kg, 5mm distance)

Note:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

3. SAR Summary

Highest Standalone SAR Summary

Exposure Position	Frequency Band	Scaled 1g-SAR(W/kg)	Highest Scaled 1g-SAR(W/kg)
Body-worn (5mm Gap)	WCDMA 850 ANT 1	0.390	1.017
	WCDMA 1700 ANT 1	0.646	
	WCDMA 1900 ANT 0	0.951	
	LTE Band 2 ANT 0	0.892	
	LTE Band 4 ANT 1	0.532	
	LTE Band 5 ANT 1	0.920	
	LTE Band 7 ANT 0	0.774	
	LTE Band 12 ANT 0	0.798	
	LTE Band 13 ANT 0	0.615	
	LTE Band 17 ANT 0	0.741	
	LTE Band 25 ANT 0	1.017	
	LTE Band 26 ANT 1	0.904	
	LTE Band 41 ANT 0	0.881	
	LTE Band 66 ANT 1	0.540	
	LTE Band 71 ANT 0	0.643	
	WIFI 2.4G ANT 2	0.348	
	WIFI 5G U-NII 1 ANT 2	0.255	
	WIFI 5G U-NII 3 ANT 2	0.459	
	Bluetooth ANT 2	0.050	



Exposure Position	Frequency Band	Scaled 1g-SAR(W/kg)	Highest Scaled 1g-SAR(W/kg)
Hotspot (5mm Gap)	WCDMA 850 ANT 1	0.390	1.017
	WCDMA 1700 ANT 1	0.646	
	WCDMA 1900 ANT 0	0.951	
	LTE Band 2 ANT 0	0.892	
	LTE Band 4 ANT 1	0.662	
	LTE Band 5 ANT 1	0.920	
	LTE Band 7 ANT 0	0.774	
	LTE Band 12 ANT 0	0.798	
	LTE Band 13 ANT 0	0.615	
	LTE Band 17 ANT 0	0.741	
	LTE Band 25 ANT 0	1.017	
	LTE Band 26 ANT 1	0.904	
	LTE Band 41 ANT 0	0.881	
	LTE Band 66 ANT 1	0.874	
	LTE Band 71 ANT 0	0.643	
	WIFI 2.4G ANT 2	0.348	
	WIFI 5G U-NII 1 ANT 2	0.495	
	WIFI 5G U-NII 3 ANT 2	0.550	
	Bluetooth ANT 2	0.050	

Highest Simultaneous SAR Summary

Exposure Position	Frequency Band	Highest Simultaneous 1g-SAR(W/kg)
Body-worn& Hotspot (5mmGap)	WWAN(LTE Band 5 ANT 1)&WIFI 5G	1.379

4. Specific Absorption Rate (SAR)

4.1 Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is 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). The equation description is as below:

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

SAR is expressed in units of Watts per kilogram (W/kg)

SAR measurement can be either related to the temperature elevation in tissue by

$$\text{SAR} = C \frac{\delta T}{\delta t}$$

where C is the specific heat capacity, δT is the temperature rise and δt the exposure duration, or related to the electrical field in the tissue by

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

where σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the rms electrical field strength.

However for evaluating SAR of low power transmitter, electrical field measurement is typically applied.



4.2 Applicable Standards and Limits

4.2.1 Applicable Standards

FCC 47 CFR Part 2 (2.1093)	Radiofrequency Radiation Exposure Evaluation: Portable Devices
ANSI/IEEE C95.1–2019	Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz
IEEE 1528–2013	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
RSS-102 Issue 6	Radio Frequency (RF) Exposure Compliance of Radio communication Apparatus(All Frequency Bands) (December 15, 2023)
RSS-102 .SAR.MEAS	Measurement Procedure for Assessing Specific Absorption Rate (SAR) Compliance in Accordance with RSS-102
IEC/IEEE 62209-1528:2020	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices –Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)
KDB 248227 D01	v02r02 802.11 WIFI SAR
KDB 447498 D01	v06 General RF Exposure Guidance
KDB 616217 D04	v01r02 SAR for laptop and tablets
KDB 648474 D04	v01r03 Handset SAR
KDB 865664 D01	v01r04 SAR Measurement 100MHz to 6GHz
KDB 865664 D02	v01r02 SAR Exposure Reporting
KDB 941225 D01	v03r01 3G SAR Procedures
KDB 941225 D05	v02r05 SAR for LTE Devices
KDB 941225 D05A	v01r02 LTE Rel.10 KDB Inquiry Sheet
KDB 941225 D06	v02r01 Hotspot Mode

4.2.2 RF exposure Limits

Human Exposure	Uncontrolled Environment General Population
Spatial Peak SAR* (Brain/Body)	1.60 mW/g
Spatial Average SAR** (Whole Body)	0.08 mW/g
Spatial Peak SAR*** (Limbs)	4.00 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 grams 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.

4.3 Phantoms

The phantom used for all tests i.e. for both system checks and device testing, was the twin-headed "SAM Phantom", manufactured by SATIMO. The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region, where shell thickness increases to 6mm).

System checking was performed using the flat section, whilst Head SAR tests used the left and right head profile sections. Body SAR testing also used the flat section between the head profiles.



SAM Twin Phantom

4.4 Device Holder

The device was placed in the device holder (illustrated below) that is supplied by SATIMO as an integral part of the COMOSAR test system.

The device holder is designed to cope with the different positions given in the standard. It has two scales for device rotation (with respect to the body axis) and device inclination (with respect to the line between the ear reference points). The rotation centers for both scales is the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.



Device holder

4.5 Probe Specification

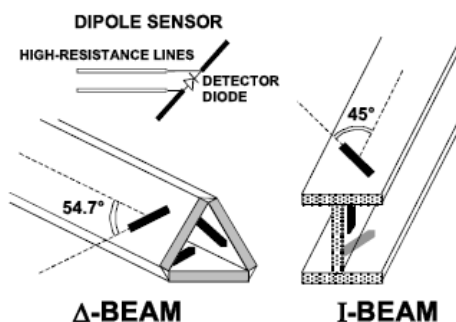


Construction	Symmetrical design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	700 MHz to 3 GHz; Linearity: ± 0.5 dB (700 MHz to 3 GHz)
Directivity	± 0.25 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range	1.5 μ W/g to 100 mW/g; Linearity: ± 0.5 dB
Dimensions	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 5 mm Distance from probe tip to dipole centers: < 2.7 mm
Application	General dosimetry up to 3 GHz Dosimetry in strong gradient fields Compliance tests of mobile phones
Compatibility	COMOSAR

Isotropic E-Field Probe

The isotropic E-Field probe has been fully calibrated and assessed for isotropicity, and boundary effect within a controlled environment. Depending on the frequency for which the probe is calibrated the method utilized for calibration will change.

The E-Field probe utilizes a triangular sensor arrangement as detailed in the diagram below:



5. Tissue check and recommend Dielectric Parameters

5.1 Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in IEC/IEEE 62209-1528:2020 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness Power drifts in a human head. Other head and body tissue parameters that have not been specified in IEC/IEEE 62209-1528:2020 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equations described in Reference [12] and extrapolated according to the head parameters specified in IEC/IEEE 62209-1528:2020.

Frequency (MHz)	Tissue	
	Real part of the complex relative permittivity, ϵ_r	Conductivity, σ (S/m)
30	55	0.75
150	52.3	0.76
300	45.3	0.87
450	43.5	0.87
750	41.9	0.89
835	41.5	0.9
900	41.5	0.97
1450	40.5	1.2
1800	40	1.4
1900	40	1.4
1950	40	1.4
2000	40	1.4
2100	39.8	1.49
2450	39.2	1.8
2600	39	1.96
3000	38.5	2.4
3500	37.9	2.91
4000	37.4	3.43
4500	36.8	3.94
5000	36.2	4.45
5200	36	4.66
5400	35.8	4.86
5600	35.5	5.07
5800	35.3	5.27
6000	35.1	5.48



5.2 Simulate liquid

Liquid check results:

Dielectric Performance of Tissue Simulating Liquid

/	Frequency	Permittivity ϵ	Conductivity σ (S/m)	Liquid Temp. (°C)	Test Date
Target value	750 MHz	41.9 ±5% (39.805~43.995)	0.89 ±5% (0.8455~0.9345)	22.0	2025/03/13
Validation value	673.0 MHz	42.59	0.84		
	683.0 MHz	42.57	0.84		
	688.0 MHz	42.57	0.84		
	704.0 MHz	42.50	0.85		
	707.5 MHz	42.51	0.85		
	709.0 MHz	42.51	0.85		
	710.0 MHz	42.51	0.85		
	711.0 MHz	42.51	0.85		
	750.0 MHz	42.39	0.87		
	782.0 MHz	42.23	0.90		
Target value	835 MHz	41.5 ±5% (39.425~43.575)	0.90 ±5% (0.855~0.945)	22.2	2025/02/27
Validation value	826.4 MHz	42.40	0.91		
	835.0 MHz	42.38	0.91		
	836.5 MHz	42.38	0.91		
	846.6 MHz	42.35	0.92		
Target value	835 MHz	41.5 ±5% (39.425~43.575)	0.90 ±5% (0.855~0.945)	21.6	2025/03/15
Validation value	829.0 MHz	42.72	0.92		
	835.0 MHz	42.70	0.92		
	836.5 MHz	42.70	0.92		
	842.0 MHz	42.67	0.93		
	844.0 MHz	42.67	0.93		
	847.0 MHz	42.66	0.93		
	852.0 MHz	42.66	0.94		
Target value	1800 MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	22.1	2025/02/21
Validation value	1800.0 MHz	39.68	1.41		
Target value	1800 MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	21.6	2025/03/06
Validation value	1712.4 MHz	40.50	1.33		
	1720.0 MHz	40.50	1.33		
	1732.5 MHz	40.46	1.35		
	1732.6 MHz	40.46	1.35		



	1745.0 MHz	40.42	1.36		
	1752.6 MHz	40.40	1.36		
	1770.0 MHz	40.34	1.37		
	1800 MHz	40.30	1.39		
Target value	1900 MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	21.8	2025/02/24
Validation value	1900.0 MHz	40.26	1.40		
Target value	1900 MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	21.4	2025/03/07
Validation value	1850.2 MHz	39.56	1.39		
	1852.4 MHz	39.56	1.39		
	1860.0 MHz	39.59	1.40		
	1880.0 MHz	39.66	1.41		
	1882.5 MHz	39.66	1.41		
	1900.0 MHz	39.70	1.42		
	1905.0 MHz	39.69	1.42		
	1907.6 MHz	39.67	1.42		
	1909.8 MHz	39.67	1.42		
Target value	2450 MHz	39.2 ±5% (37.24~41.16)	1.80 ±5% (1.71~1.89)	21.7	2025/02/20
Validation value	2402.0 MHz	39.94	1.80		
	2412.0 MHz	39.92	1.81		
	2437.0 MHz	39.87	1.83		
	2441.0 MHz	39.83	1.83		
	2450.0 MHz	39.86	1.83		
	2462.0 MHz	39.84	1.84		
	2480.0 MHz	39.79	1.85		
Target value	2600 MHz	39.0 ±5% (37.05~40.95)	1.96 ±5% (1.862~2.058)	21.9	2025/03/03
Validation value	2600.0 MHz	38.26	1.99		
Target value	2600 MHz	39.0 ±5% (37.05~40.95)	1.96 ±5% (1.862~2.058)	22.2	2025/03/11
Validation value	2510.0 MHz	39.65	1.88		
	2535.0 MHz	39.60	1.89		
	2560.0 MHz	39.54	1.91		
	2565.0 MHz	39.52	1.91		
	2600.0 MHz	39.41	1.94		
	2605.0 MHz	39.41	1.94		
	2645.0 MHz	39.23	1.97		
Target value	5200 MHz	36.0 ±5% (34.20~37.80)	4.66 ±5% (4.427~4.893)	22.1	2025/03/01
Validation value	5180.0 MHz	36.70	4.69		
	5200.0 MHz	36.65	4.70		

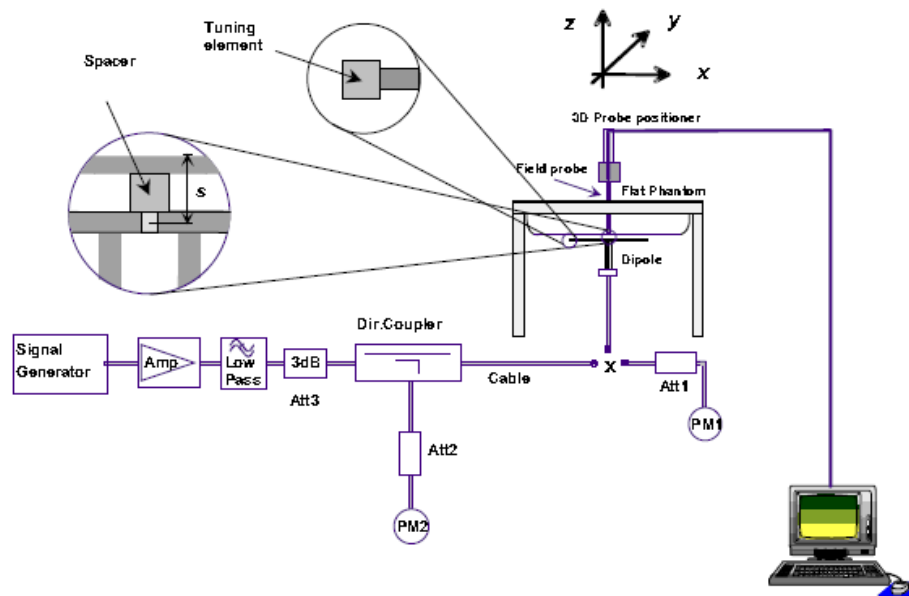


	5240.0 MHz	36.59	4.75		
Target value	5800 MHz	35.8 ±5% (34.01~37.59)	4.86 ±5% (4.617~5.103)	22.2	2025/03/02
Validation value	5745.0 MHz	35.85	5.13		
	5785.0 MHz	35.79	5.17		
	5800.0 MHz	35.74	5.19		
	5825.0 MHz	35.70	5.21		

SAR System validation

Prior to the assessment, the system validation kit was used to test whether the system was operating within its specifications of $\pm 10\%$. The validation results are tabulated below. And also the corresponding SAR plot is attached as well in the SAR plots files.

The following procedure, recommended for performing validation tests using box phantoms is based on the procedures described in the IEC/IEEE 62209-1528-2020. Setup according to the setup diagram below:



With the SG and Amp and with directional coupler in place, set up the source signal at the relevant frequency and use a power meter to measure the power at the end of the SMA cable that you intend to connect to the balanced dipole. Adjust the SG to make this, say, 0.01W (10 dBm). If this level is too high to read directly with the power meter sensor, insert a calibrated attenuator (e.g. 10 or 20 dB) and make a suitable correction to the power meter reading.

- Note 1: In this method, the directional coupler is used for monitoring rather than setting the exact feed power level. If, however, the directional coupler is used for power measurement, you should check the frequency range and power rating of the coupler and measure the coupling factor (referred to output) at the test frequency using a VNA.
- Note 2: Remember that the use of a 3dB attenuator means that you need an RF amplifier of 2 times greater power for the same feed power. The other issue is the cable length. You might get up to 1dB of loss per meter of cable, so the cable length after the coupler needs to be quite short.
- Note 3: For the validation testing done using CW signals, most power meters are suitable. However, if you are measuring the output of a modulated signal from either a signal generator or a handset, you must ensure that the power meter correctly reads the modulated signals.

The measured 1-gram averaged SAR values of the device against the phantom are provided in Tables 5 and Table 6. The body phantom were full of the body tissue simulating liquid. The EUT was supplied with full-charged battery for each measurement.

The distance between the back of the EUT and the bottom of the flat phantom is 10 mm (taking into account of the IEC/IEEE 62209-1528-2020 and the place of the antenna).



System validation (1g)

System Check Results

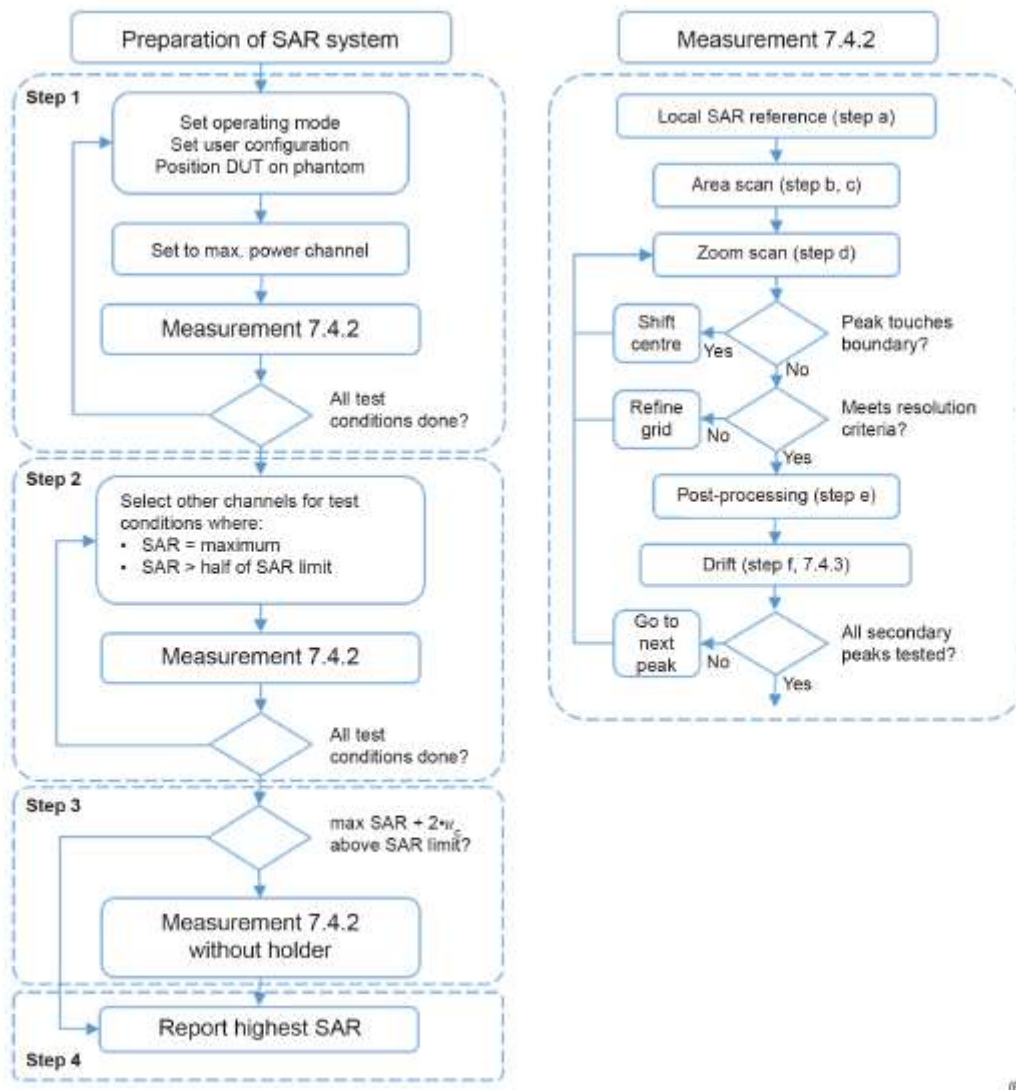
Frequency	Duty cycle	Target value (1-g) (W/Kg)	10mW Test value (1-g) (W/Kg)	Test SAR Normalized to 1W(w/Kg)	Test Date
750MHz	1:1	8.65 W/kg ±10% (7.785~9.515)	0.0934	9.34	2025/03/13
835MHz	1:1	9.93 W/kg ±10% (8.937~10.923)	0.0980	9.80	2025/02/27
835MHz	1:1	9.93 W/kg ±10% (8.937~10.923)	0.0915	9.15	2025/03/15
1800MHz	1:1	37.81 W/kg ±10% (34.029~41.591)	0.3890	38.90	2025/02/21
1800MHz	1:1	37.81 W/kg ±10% (34.029~41.591)	0.3740	37.40	2025/03/06
1900MHz	1:1	41.50 W/kg ±10% (37.350~45.650)	0.3906	39.06	2025/02/24
1900MHz	1:1	41.50 W/kg ±10% (37.350~45.650)	0.4259	42.59	2025/03/07
2450MHz	1:1	51.74 W/kg ±10% (46.566~56.914)	0.5132	51.32	2025/02/20
2600MHz	1:1	57.13 W/kg ±10% (51.417~62.843)	0.5653	56.53	2025/03/03
2600MHz	1:1	57.13 W/kg ±10% (51.417~62.843)	0.5814	58.14	2025/03/11
5200MHz	1:1	152.95 W/kg ±10% (137.655~168.245)	1.5207	152.07	2025/03/01
5800MHz	1:1	174.67 W/kg ±10% (157.203~192.137)	1.6683	166.83	2025/03/02

Note:

1. Target value was referring to the measured value in the calibration certificate of reference dipole.
2. All SAR values are normalized to 1W forward power.

6. SAR measurement procedure

The SAR test against the head phantom was carried out as follow:



Establish a call with the maximum output power with a base station simulator, the connection between the EUT and the base station simulator is established via air interface.

After an area scan has been done at a fixed distance of 2mm from the surface of the phantom on the source side, a 3D scan is set up around the location of the maximum spot SAR. First, a point within the scan area is visited by the probe and a SAR reading taken at the start of testing. At the end of testing, the probe is returned to the same point and a second reading is taken. Comparison between these start and end readings enables the power drift during measurement to be assessed.

Above is the scanning procedure flow chart and table from the IEC/IEEE 62209-1528:2020 standard. This is the procedure for which all compliant testing should be carried out to ensure that all variations of the device position and transmission behavior are tested.

7. Conducted RF Output Power

7.1 WCDMA Conducted output Power

WCDMA850 (Band V) ANT 1		Averaged output Power (dBm)		
		4132CH	4183CH	4233CH
		826.4	836.6	846.6
WCDMA	12.2kbps RMC	23.65	23.84	23.75
HSDPA	Subtest 1	22.69	22.86	22.76
	Subtest 2	22.13	22.28	22.23
	Subtest 3	22.17	22.34	22.24
	Subtest 4	22.08	22.29	22.20
HSUPA	Subtest 1	20.66	20.84	20.70
	Subtest 2	20.67	20.80	20.72
	Subtest 3	21.62	21.78	21.72
	Subtest 4	20.15	20.33	20.24
	Subtest 5	21.62	21.83	21.75
WCDMA1700 (Band IV) ANT 1		Averaged output Power (dBm)		
		1312CH	1413CH	1513CH
		1712.4	1732.6	1752.6
WCDMA	12.2kbps RMC	21.48	21.43	21.35
HSDPA	Subtest 1	20.58	20.48	20.51
	Subtest 2	20.01	19.96	19.84
	Subtest 3	20.01	20.01	19.82
	Subtest 4	20.14	20.01	19.80
HSUPA	Subtest 1	18.53	18.48	18.51
	Subtest 2	18.66	18.49	18.53
	Subtest 3	19.57	19.50	19.47
	Subtest 4	18.09	18.09	18.01
	Subtest 5	19.60	19.48	19.43
WCDMA1900 (Band II) ANT 0		Averaged output Power (dBm)		
		9262CH	9400CH	9538CH
		1852.4	1880.0	1907.6
WCDMA	12.2kbps RMC	18.29	18.22	18.24
HSDPA	Subtest 1	17.25	17.38	17.15
	Subtest 2	16.73	16.69	16.59
	Subtest 3	16.35	16.77	16.76
	Subtest 4	16.75	16.76	16.72
HSUPA	Subtest 1	15.24	15.30	15.21
	Subtest 2	15.28	15.31	15.25
	Subtest 3	16.27	16.29	16.37
	Subtest 4	14.92	15.00	14.80
	Subtest 5	16.40	16.34	16.35



Note:

1. WCDMA SAR was tested under RMC 12.2kbps with HSPA Inactive per KDB Publication 941225 D01v03r01. HSPA SAR was not required since the average output power of the HSPA subtests was not more than 0.25dB higher than the RMC level and SAR was less than 1.2W/kg.
2. It is expected by the manufacturer that MPR for some HSPA subtests may be up to 2dB more than specified by 3GPP, but also as low as 0dB according to the chipset implementation in this model

7.2 LTE Conducted peak output Power

LTE Test Configurations

The CMW500 Wide Band 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 frames.

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 configuration [RB]						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

3) A-MPR LTE procedures for SAR testing

A-MPR(Additional MPR) has been disabled for all SAR tests by using Network Signaling 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 $\leq 0.8\text{W/kg}$, testing of the remaining RB offset configurations and required test channels is not required for 1RB 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 $> 1.45\text{W/kg}$, SAR is required for all three RB offset configurations for that required test channel.



1. LTE Band 2 Conducted Power Test Verdict:

LTE FDD Band 2 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18607/1850.7	18900/1880.0	19193/1909.3	
1.4MHz	QPSK	1	0	19.31	19.18	19.12	19.0±1.0
		1	3	19.52	19.44	19.31	
		1	5	19.27	19.25	19.14	
		3	0	18.36	18.32	18.25	18.0±1.0
		3	2	18.41	18.28	18.26	
		3	3	18.38	18.33	18.32	
		6	0	18.33	18.26	18.22	18.0±1.0
	16QAM	1	0	18.23	18.16	18.19	18.0±1.0
		1	3	18.27	18.21	18.16	
		1	5	18.14	18.15	18.13	
		3	0	17.27	17.19	17.20	17.0±1.0
		3	2	17.29	17.22	17.13	
		3	3	17.26	17.11	17.18	
		6	0	17.20	17.24	17.22	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18615/1851.5	18900/1880.0	19185/1908.5	
3MHz	QPSK	1	0	19.33	19.23	19.17	19.0±1.0
		1	7	19.30	19.27	19.25	
		1	14	19.26	19.28	19.24	
		8	0	18.28	18.18	18.17	18.0±1.0
		8	4	18.24	18.21	18.19	
		8	7	18.22	18.18	18.19	
		15	0	18.20	18.21	18.16	18.0±1.0
	16QAM	1	0	18.30	18.21	18.16	18.0±1.0
		1	7	18.24	18.18	18.21	
		1	14	18.28	18.14	18.07	
		8	0	17.28	17.27	17.30	17.0±1.0
		8	4	17.30	17.25	17.29	
		8	7	17.24	17.23	17.26	
		15	0	17.29	17.24	17.23	17.0±1.0



LTE FDD Band 2 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18625/1852.5	18900/1880.0	19175/1907.5	
5MHz	QPSK	1	0	19.31	19.17	19.11	19.0±1.0
		1	13	19.37	19.32	19.29	
		1	24	19.21	19.19	19.18	
		12	0	18.26	18.21	18.12	18.0±1.0
		12	6	18.24	18.16	18.18	
		12	13	18.27	18.16	18.13	
		25	0	18.23	18.18	18.13	18.0±1.0
	16QAM	1	0	18.23	18.28	18.14	18.0±1.0
		1	13	18.25	18.33	18.21	
		1	24	18.14	18.20	18.12	
		12	0	17.20	17.22	17.21	17.0±1.0
		12	6	17.21	17.20	17.13	
		12	13	17.22	17.22	17.16	
		25	0	17.25	17.17	17.18	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18650/1855.0	18900/1880.0	19150/1905.0	
10MHz	QPSK	1	0	19.34	19.30	19.20	19.0±1.0
		1	25	19.39	19.39	19.31	
		1	49	19.27	19.25	19.23	
		25	0	18.28	18.23	18.22	18.0±1.0
		25	13	18.29	18.28	18.15	
		25	25	18.26	18.22	18.21	
		50	0	18.24	18.17	18.14	18.0±1.0
	16QAM	1	0	18.26	18.15	18.14	18.0±1.0
		1	25	18.40	18.22	18.22	
		1	49	18.24	18.08	18.07	
		25	0	17.29	17.26	17.20	17.0±1.0
		25	13	17.28	17.28	17.16	
		25	25	17.19	17.21	17.17	
		50	0	17.22	17.20	17.18	17.0±1.0



LTE FDD Band 2 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18675/1857.5	18900/1880.0	19125/1902.5	
15MHz	QPSK	1	0	19.33	19.24	19.23	19.0±1.0
		1	38	19.37	19.21	19.16	
		1	74	19.30	19.14	19.19	
		36	0	18.34	18.26	18.15	18.0±1.0
		36	18	18.35	18.15	18.20	
		36	39	18.17	18.22	18.09	
		75	0	17.84	18.15	18.10	18.0±1.0
	16QAM	1	0	18.30	18.29	18.16	18.0±1.0
		1	38	18.22	18.23	18.21	
		1	74	18.31	18.17	18.13	
		36	0	17.39	17.25	17.17	17.0±1.0
		36	18	17.36	17.19	17.22	
		36	39	17.28	17.20	17.17	
		75	0	17.27	17.16	17.12	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18700/1860.0	18900/1880.0	19100/1900.0	
20MHz	QPSK	1	0	19.30	19.26	19.25	19.0±1.0
		1	50	19.36	19.41	19.27	
		1	99	19.22	19.22	19.10	
		50	0	18.22	18.23	18.24	18.0±1.0
		50	25	18.27	18.21	18.18	
		50	50	18.22	18.16	18.16	
		100	0	18.17	18.16	18.20	18.0±1.0
	16QAM	1	0	18.21	18.27	18.25	18.0±1.0
		1	50	18.27	18.38	18.24	
		1	99	18.18	18.29	18.21	
		50	0	17.29	17.23	17.31	17.0±1.0
		50	25	17.26	17.20	17.32	
		50	50	17.22	17.17	17.23	
		100	0	17.24	17.14	17.22	17.0±1.0



2. LTE Band 4 Conducted Power Test Verdict:

LTE FDD Band 4 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	17.07	17.06	17.00	16.5±1.0
		1	3	17.15	17.11	17.08	
		1	5	17.06	17.05	16.91	
		3	0	16.09	16.21	16.15	15.5±1.0
		3	2	16.07	16.22	16.13	
		3	3	16.15	16.23	16.08	
		6	0	16.10	16.09	16.07	15.5±1.0
	16QAM	1	0	15.90	15.85	15.88	15.5±1.0
		1	3	16.10	15.99	16.01	
		1	5	15.90	15.82	15.89	
		3	0	14.90	14.97	15.01	14.5±1.0
		3	2	14.88	15.03	14.95	
		3	3	14.91	14.95	14.88	
		6	0	14.93	14.98	14.96	14.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	17.07	17.13	17.00	16.5±1.0
		1	7	17.13	17.16	17.04	
		1	14	17.10	17.14	17.03	
		8	0	16.04	16.02	16.04	15.5±1.0
		8	4	16.05	16.07	16.03	
		8	7	16.06	16.03	16.01	
		15	0	15.97	16.00	15.98	15.5±1.0
	16QAM	1	0	16.06	16.02	15.79	15.5±1.0
		1	7	16.06	15.98	15.84	
		1	14	16.05	15.92	15.83	
		8	0	15.05	15.05	15.02	14.5±1.0
		8	4	15.04	15.05	15.02	
		8	7	15.00	15.02	14.99	
		15	0	14.97	14.95	14.86	14.5±1.0



LTE FDD Band 4 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	17.05	16.99	16.96	16.5±1.0
		1	13	17.19	17.15	17.12	
		1	24	17.04	17.02	16.86	
		12	0	16.09	16.07	15.98	15.5±1.0
		12	6	16.04	16.11	16.02	
		12	13	16.02	16.03	15.92	
		25	0	16.03	16.05	16.00	15.5±1.0
	16QAM	1	0	15.94	16.07	15.84	15.5±1.0
		1	13	16.08	16.12	15.99	
		1	24	15.95	16.09	15.87	
		12	0	14.94	15.04	14.95	14.5±1.0
		12	6	14.94	15.08	15.02	
		12	13	14.96	15.10	14.91	
		25	0	15.03	15.03	14.95	14.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20000/1715.0	20175/1732.5	20350/1750.0	
10MHz	QPSK	1	0	17.06	17.11	17.02	16.5±1.0
		1	25	17.20	17.19	17.06	
		1	49	17.13	17.07	17.06	
		25	0	16.12	16.15	16.02	15.5±1.0
		25	13	16.10	16.16	16.05	
		25	25	16.04	16.10	15.99	
		50	0	16.09	16.12	15.87	15.5±1.0
	16QAM	1	0	16.07	15.98	15.85	15.5±1.0
		1	25	16.14	16.00	15.89	
		1	49	16.11	15.96	15.81	
		25	0	14.99	15.06	14.96	14.5±1.0
		25	13	14.97	15.05	14.92	
		25	25	14.91	14.99	14.90	
		50	0	14.92	15.00	14.86	14.5±1.0



LTE FDD Band 4 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	16.97	16.94	17.00	16.5±1.0
		1	38	17.12	17.08	16.98	
		1	74	17.05	16.94	16.82	
		36	0	16.03	16.13	15.81	15.5±1.0
		36	18	15.96	15.99	15.97	
		36	39	16.01	16.10	15.94	
		75	0	15.98	16.10	15.68	15.5±1.0
	16QAM	1	0	15.94	16.09	15.73	15.5±1.0
		1	38	16.08	16.21	15.82	
		1	74	16.01	16.07	15.74	
		36	0	15.03	15.12	14.95	14.5±1.0
		36	18	15.03	15.11	14.86	
		36	39	15.04	15.17	14.95	
		75	0	14.98	15.05	14.90	14.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20050/1720.0	20175/1732.5	20300/1745.0	
20MHz	QPSK	1	0	16.99	17.03	16.91	16.5±1.0
		1	50	17.12	17.11	17.13	
		1	99	16.83	17.01	16.92	
		50	0	15.94	16.13	15.86	15.5±1.0
		50	25	16.06	16.10	15.86	
		50	50	15.98	16.09	15.95	
		100	0	15.95	16.02	15.93	15.5±1.0
	16QAM	1	0	15.83	16.14	15.82	15.5±1.0
		1	50	16.13	16.15	15.95	
		1	99	15.44	16.08	15.79	
		50	0	15.10	15.11	14.89	14.5±1.0
		50	25	15.09	15.10	14.97	
		50	50	14.93	15.11	15.08	
		100	0	14.90	15.11	14.92	14.5±1.0



3. LTE Band 5 Conducted Power Test Verdict:

LTE FDD Band 5 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	21.60	21.44	21.42	21.0±1.0
		1	3	21.65	21.56	21.53	
		1	5	21.52	21.42	21.36	
		3	0	20.52	20.50	20.43	20.0±1.0
		3	2	20.57	20.49	20.49	
		3	3	20.53	20.50	20.42	
		6	0	20.51	20.49	20.46	20.0±1.0
	16QAM	1	0	20.56	20.38	20.42	20.0±1.0
		1	3	20.47	20.55	20.59	
		1	5	20.45	20.35	20.33	
		3	0	19.34	19.42	19.35	19.0±1.0
		3	2	19.37	19.36	19.40	
		3	3	19.30	19.33	19.39	
		6	0	19.31	19.40	19.28	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	21.50	21.53	21.46	21.0±1.0
		1	7	21.45	21.53	21.47	
		1	14	21.46	21.53	21.47	
		8	0	20.49	20.44	20.43	20.0±1.0
		8	4	20.52	20.46	20.50	
		8	7	20.47	20.48	20.46	
		15	0	20.41	20.46	20.42	20.0±1.0
	16QAM	1	0	20.54	20.37	20.33	20.0±1.0
		1	7	20.45	20.29	20.37	
		1	14	20.43	20.33	20.31	
		8	0	19.52	19.45	19.43	19.0±1.0
		8	4	19.51	19.45	19.47	
		8	7	19.48	19.45	19.46	
		15	0	19.46	19.36	19.34	19.0±1.0



LTE FDD Band 5 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	21.50	21.35	21.46	21.0±1.0
		1	13	21.57	21.52	21.52	
		1	24	21.46	21.38	21.45	
		12	0	20.48	20.45	20.45	20.0±1.0
		12	6	20.51	20.43	20.49	
		12	13	20.45	20.51	20.45	
		25	0	20.45	20.50	20.55	20.0±1.0
	16QAM	1	0	20.44	20.48	20.29	20.0±1.0
		1	13	20.46	20.57	20.48	
		1	24	20.37	20.42	20.33	
		12	0	19.46	19.46	19.50	19.0±1.0
		12	6	19.42	19.47	19.48	
		12	13	19.42	19.54	19.37	
		25	0	19.51	19.45	19.55	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20450/829.0	20525/836.5	20600/844.0	
10MHz	QPSK	1	0	21.47	21.49	21.48	21.0±1.0
		1	25	21.61	21.60	21.60	
		1	49	21.47	21.54	21.47	
		25	0	20.55	20.55	20.48	20.0±1.0
		25	13	20.56	20.49	20.46	
		25	25	20.45	20.63	20.42	
		50	0	20.50	20.53	20.40	20.0±1.0
	16QAM	1	0	20.51	20.42	20.41	20.0±1.0
		1	25	20.55	20.48	20.42	
		1	49	20.48	20.36	20.35	
		25	0	19.51	19.57	19.48	19.0±1.0
		25	13	19.56	19.53	19.50	
		25	25	19.46	19.63	19.47	
		50	0	19.45	19.60	19.46	19.0±1.0



4. LTE Band 7 Conducted Power Test Verdict:

LTE FDD Band 7 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20775/2502.5	21100/2535.0	21425/2567.5	
5MHz	QPSK	1	0	21.54	21.53	21.47	21.0±1.0
		1	13	21.62	21.63	21.60	
		1	24	21.57	21.55	21.49	
		12	0	20.57	20.60	20.48	20.0±1.0
		12	6	20.63	20.60	20.59	
		12	13	20.60	20.53	20.52	
		25	0	20.61	20.59	20.55	20.0±1.0
	16QAM	1	0	20.41	20.48	20.49	20.0±1.0
		1	13	20.55	20.63	20.67	
		1	24	20.43	20.46	20.54	
		12	0	19.63	19.58	19.53	19.0±1.0
		12	6	19.60	19.57	19.56	
		12	13	19.60	19.50	19.56	
		25	0	19.65	19.59	19.52	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20800/2505.0	21100/2535.0	21400/2565.0	
10MHz	QPSK	1	0	21.57	21.62	21.52	21.0±1.0
		1	25	21.61	21.60	21.41	
		1	49	21.66	21.45	21.28	
		25	0	20.71	20.48	20.39	20.0±1.0
		25	13	20.72	20.57	20.41	
		25	25	20.67	20.45	20.58	
		50	0	20.68	20.18	20.51	20.0±1.0
	16QAM	1	0	20.52	20.46	20.53	20.0±1.0
		1	25	20.68	20.58	20.40	
		1	49	20.65	20.44	20.48	
		25	0	19.62	19.50	19.40	19.0±1.0
		25	13	19.57	19.48	19.51	
		25	25	19.66	19.29	19.39	
		50	0	19.55	19.40	19.43	19.0±1.0



LTE FDD Band 7 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20825/2507.5	21100/2535.0	21375/2562.5	
15MHz	QPSK	1	0	21.57	21.48	21.42	21.0±1.0
		1	38	21.43	21.41	21.50	
		1	74	21.35	21.32	21.38	
		36	0	20.49	20.53	20.55	20.0±1.0
		36	18	20.60	20.50	20.53	
		36	39	20.29	20.57	20.51	
		75	0	20.28	20.48	20.45	20.0±1.0
	16QAM	1	0	20.49	20.48	20.42	20.0±1.0
		1	38	20.60	20.55	20.39	
		1	74	20.44	20.59	20.35	
		36	0	19.49	19.55	19.51	19.0±1.0
		36	18	19.29	19.50	19.47	
		36	39	19.41	19.47	19.48	
		75	0	19.33	19.45	19.41	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20850/2510.0	21100/2535.0	21350/2560.0	
20MHz	QPSK	1	0	21.46	21.43	21.40	21.0±1.0
		1	50	21.54	21.59	21.48	
		1	99	21.41	21.37	21.33	
		50	0	20.49	20.38	20.42	20.0±1.0
		50	25	20.38	20.43	20.36	
		50	50	20.45	20.41	20.43	
		100	0	20.48	20.37	20.38	20.0±1.0
	16QAM	1	0	20.42	20.50	20.41	20.0±1.0
		1	50	20.54	20.65	20.58	
		1	99	20.31	20.44	20.40	
		50	0	19.43	19.45	19.44	19.0±1.0
		50	25	19.35	19.46	19.42	
		50	50	19.44	19.39	19.50	
		100	0	19.37	19.42	19.41	19.0±1.0



5. LTE Band 12 Conducted Power Test Verdict:

LTE FDD Band 12 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	21.70	21.76	21.74	21.5±1.0
		1	3	21.79	21.69	21.83	
		1	5	21.65	21.73	21.70	
		3	0	20.77	20.79	20.81	20.5±1.0
		3	2	20.78	20.78	20.81	
		3	3	20.82	20.78	20.83	
		6	0	20.71	20.75	20.73	20.5±1.0
	16QAM	1	0	20.75	20.71	20.81	20.5±1.0
		1	3	20.84	20.89	20.89	
		1	5	20.77	20.73	20.77	
		3	0	19.75	19.78	19.80	19.5±1.0
		3	2	19.82	19.84	19.78	
		3	3	19.69	19.75	19.77	
		6	0	19.77	19.81	19.75	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	21.69	21.79	21.76	21.5±1.0
		1	7	21.73	21.74	21.76	
		1	14	21.76	21.77	21.72	
		8	0	20.74	20.70	20.72	20.5±1.0
		8	4	20.75	20.74	20.75	
		8	7	20.80	20.67	20.73	
		15	0	20.75	20.70	20.71	20.5±1.0
	16QAM	1	0	20.73	20.67	20.69	20.5±1.0
		1	7	20.77	20.55	20.72	
		1	14	20.75	20.58	20.65	
		8	0	19.76	19.69	19.75	19.5±1.0
		8	4	19.71	19.70	19.73	
		8	7	19.73	19.71	19.74	
		15	0	19.75	19.60	19.60	19.5±1.0



LTE FDD Band 12 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	21.76	21.72	21.67	21.5±1.0
		1	13	21.85	21.80	21.69	
		1	24	21.80	21.69	21.45	
		12	0	20.84	20.75	20.78	20.5±1.0
		12	6	20.84	20.75	20.71	
		12	13	20.74	20.78	20.67	
		25	0	20.81	20.81	20.74	20.5±1.0
	16QAM	1	0	20.67	20.78	20.58	20.5±1.0
		1	13	20.72	20.82	20.69	
		1	24	20.68	20.58	20.39	
		12	0	19.78	19.66	19.76	19.5±1.0
		12	6	19.77	19.75	19.79	
		12	13	19.72	19.80	19.61	
		25	0	19.79	19.74	19.76	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23060/704.0	23095/707.5	23130/711.0	
10MHz	QPSK	1	0	21.89	21.78	21.78	21.5±1.0
		1	25	21.75	21.85	21.84	
		1	49	21.68	21.77	21.76	
		25	0	20.69	20.78	20.80	20.5±1.0
		25	13	20.77	20.80	20.77	
		25	25	20.81	20.87	20.88	
		50	0	20.73	20.81	20.84	20.5±1.0
	16QAM	1	0	20.95	20.91	20.79	20.5±1.0
		1	25	20.72	20.96	20.87	
		1	49	20.54	20.89	20.82	
		25	0	19.81	19.82	19.73	19.5±1.0
		25	13	19.67	19.83	19.76	
		25	25	19.85	19.91	19.81	
		50	0	19.80	19.90	19.77	19.5±1.0



6. LTE Band 13 Conducted Power Test Verdict:

LTE FDD Band 13 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23205/779.5	23230/782.0	23255/784.5	
5MHz	QPSK	1	0	23.61	23.35	23.41	23.0±1.0
		1	13	23.53	23.45	23.51	
		1	24	23.38	23.33	23.38	
		12	0	22.34	22.50	22.47	22.0±1.0
		12	6	22.36	22.45	22.52	
		12	13	22.41	22.43	22.45	
		25	0	22.42	22.44	22.43	22.0±1.0
	16QAM	1	0	22.31	22.39	22.30	22.0±1.0
		1	13	22.45	22.53	22.43	
		1	24	22.33	22.44	22.25	
		12	0	21.47	21.53	21.50	21.0±1.0
		12	6	21.43	21.55	21.45	
		12	13	21.38	21.45	21.44	
		25	0	21.42	21.46	21.41	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	23230/782.0	/	
10MHz	QPSK	1	0	/	23.44	/	23.0±1.0
		1	25	/	23.57	/	
		1	49	/	23.43	/	
		25	0	/	22.57	/	22.0±1.0
		25	13	/	22.59	/	
		25	25	/	22.48	/	
		50	0	/	22.53	/	22.0±1.0
	16QAM	1	0	/	22.42	/	22.0±1.0
		1	25	/	22.56	/	
		1	49	/	22.51	/	
		25	0	/	21.60	/	21.0±1.0
		25	13	/	21.55	/	
		25	25	/	21.46	/	
		50	0	/	21.49	/	21.0±1.0



7. LTE Band 17 Conducted Power Test Verdict:

LTE FDD Band 17 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23755/706.5	23790/710.0	23825/713.5	
5MHz	QPSK	1	0	21.78	21.73	21.65	21.5±1.0
		1	13	21.89	21.82	21.87	
		1	24	21.72	21.69	21.68	
		12	0	20.72	20.75	20.77	20.5±1.0
		12	6	20.74	20.71	20.73	
		12	13	20.83	20.72	20.71	
		25	0	20.77	20.70	20.76	20.5±1.0
	16QAM	1	0	20.64	20.62	20.74	20.5±1.0
		1	13	20.69	20.75	20.88	
		1	24	20.61	20.62	20.77	
		12	0	19.70	19.67	19.85	19.5±1.0
		12	6	19.74	19.76	19.82	
		12	13	19.80	19.79	19.77	
		25	0	19.78	19.72	19.79	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23780/709.0	23790/710.0	23800/711.0	
10MHz	QPSK	1	0	21.82	21.78	21.80	21.5±1.0
		1	25	21.86	21.85	21.81	
		1	49	21.75	21.74	21.72	
		25	0	20.80	20.82	20.83	20.5±1.0
		25	13	20.76	20.74	20.78	
		25	25	20.85	20.85	20.81	
		50	0	20.78	20.75	20.80	20.5±1.0
	16QAM	1	0	20.86	20.91	20.84	20.5±1.0
		1	25	20.90	20.97	20.96	
		1	49	20.83	20.88	20.89	
		25	0	19.92	19.89	19.95	19.5±1.0
		25	13	19.92	19.90	19.98	
		25	25	19.99	20.03	20.04	
		50	0	19.97	19.97	20.00	19.5±1.0



8. LTE Band 25 Conducted Power Test Verdict:

LTE FDD Band 25 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26047/1850.7	26365/1882.5	26683/1914.3	
1.4MHz	QPSK	1	0	19.50	19.38	19.39	19.0±1.0
		1	3	19.67	19.42	19.54	
		1	5	19.56	19.39	19.39	
		3	0	18.54	18.47	18.45	18.0±1.0
		3	2	18.53	18.46	18.45	
		3	3	18.58	18.43	18.43	
		6	0	18.53	18.42	18.35	18.0±1.0
	16QAM	1	0	18.41	18.39	18.33	18.0±1.0
		1	3	18.46	18.41	18.40	
		1	5	18.32	18.22	18.30	
		3	0	17.35	17.33	17.42	17.0±1.0
		3	2	17.37	17.38	17.45	
		3	3	17.39	17.26	17.38	
		6	0	17.35	17.34	17.44	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26055/1851.5	26365/1882.5	26675/1913.5	
3MHz	QPSK	1	0	19.47	19.48	19.43	19.0±1.0
		1	7	19.54	19.52	19.46	
		1	14	19.49	19.50	19.35	
		8	0	18.40	18.42	18.35	18.0±1.0
		8	4	18.55	18.37	18.36	
		8	7	18.42	18.39	18.33	
		15	0	18.44	18.36	18.30	18.0±1.0
	16QAM	1	0	18.51	18.37	18.27	18.0±1.0
		1	7	18.50	18.33	18.33	
		1	14	18.48	18.26	18.28	
		8	0	17.52	17.42	17.36	17.0±1.0
		8	4	17.50	17.42	17.32	
		8	7	17.49	17.38	17.29	
		15	0	17.42	17.32	17.33	17.0±1.0



LTE FDD Band 25 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26065/1852.5	26365/1882.5	26665/1912.5	
5MHz	QPSK	1	0	19.48	19.38	19.39	19.0±1.0
		1	13	19.39	19.48	19.57	
		1	24	19.37	19.23	19.31	
		12	0	18.21	18.41	18.36	18.0±1.0
		12	6	18.32	18.39	18.44	
		12	13	18.45	18.42	18.29	
		25	0	18.28	18.46	18.30	18.0±1.0
	16QAM	1	0	18.42	18.43	18.29	18.0±1.0
		1	13	18.31	18.52	18.20	
		1	24	18.27	18.36	18.24	
		12	0	17.35	17.46	17.35	17.0±1.0
		12	6	17.42	17.49	17.24	
		12	13	17.34	17.48	17.28	
		25	0	17.28	17.40	17.31	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26090/1855.0	26365/1882.5	26640/1910.0	
10MHz	QPSK	1	0	19.45	19.30	19.59	19.0±1.0
		1	25	19.43	19.39	19.45	
		1	49	19.28	19.37	19.22	
		25	0	18.39	18.32	18.48	18.0±1.0
		25	13	18.36	18.31	18.39	
		25	25	18.41	18.35	18.31	
		50	0	18.32	18.32	18.42	18.0±1.0
	16QAM	1	0	18.32	18.29	18.43	18.0±1.0
		1	25	18.43	18.31	18.31	
		1	49	18.29	18.28	18.32	
		25	0	17.34	17.45	17.39	17.0±1.0
		25	13	17.40	17.37	17.56	
		25	25	17.33	17.33	17.33	
		50	0	17.33	17.34	17.37	17.0±1.0



LTE FDD Band 25 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26115/1857.5	26365/1882.5	26615/1907.5	
15MHz	QPSK	1	0	19.47	19.28	19.36	19.0±1.0
		1	38	19.38	19.43	19.29	
		1	74	19.35	19.23	19.26	
		36	0	18.35	18.36	18.34	18.0±1.0
		36	18	18.44	18.39	18.39	
		36	39	18.37	18.50	18.37	
		75	0	18.37	18.37	18.26	18.0±1.0
	16QAM	1	0	18.31	18.40	18.36	18.0±1.0
		1	38	18.36	18.53	18.41	
		1	74	18.40	18.32	18.33	
		36	0	17.36	17.46	17.38	17.0±1.0
		36	18	17.45	17.35	17.27	
		36	39	17.37	17.42	17.30	
		75	0	17.38	17.34	17.30	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26140/1860.0	26365/1882.5	26590/1905.0	
20MHz	QPSK	1	0	19.49	19.35	19.43	19.0±1.0
		1	50	19.37	19.50	19.41	
		1	99	19.38	19.34	19.32	
		50	0	18.33	18.47	18.35	18.0±1.0
		50	25	18.36	18.49	18.45	
		50	50	18.36	18.61	18.34	
		100	0	18.36	18.43	18.34	18.0±1.0
	16QAM	1	0	18.34	18.50	18.22	18.0±1.0
		1	50	18.35	18.60	18.41	
		1	99	18.32	18.43	18.33	
		50	0	17.41	17.56	17.35	17.0±1.0
		50	25	17.37	17.47	17.44	
		50	50	17.36	17.43	17.41	
		100	0	17.37	17.42	17.40	17.0±1.0



9. LTE Band 26 Conducted Power Test Verdict:

LTE FDD Band 26 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26697/814.7	26915/831.5	27033/848.3	
1.4MHz	QPSK	1	0	21.75	21.30	21.55	21.0±1.0
		1	3	21.70	21.28	21.62	
		1	5	21.61	21.12	21.55	
		3	0	20.62	20.11	20.63	20.0±1.0
		3	2	20.63	20.27	20.69	
		3	3	20.66	20.24	20.65	
		6	0	20.62	19.98	20.64	20.0±1.0
	16QAM	1	0	20.60	20.03	20.58	20.0±1.0
		1	3	20.46	20.12	20.61	
		1	5	20.37	20.04	20.44	
		3	0	20.49	19.25	19.39	19.0±1.0
		3	2	20.44	19.16	19.36	
		3	3	20.52	19.25	19.37	
		6	0	19.48	19.20	19.62	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	21.62	21.24	21.62	21.0±1.0
		1	7	21.62	21.38	21.66	
		1	14	21.66	21.24	21.61	
		8	0	20.62	20.43	20.58	20.0±1.0
		8	4	20.64	20.29	20.63	
		8	7	20.67	20.40	20.63	
		15	0	20.58	20.40	20.53	20.0±1.0
	16QAM	1	0	20.56	20.39	20.32	20.0±1.0
		1	7	20.60	20.51	20.35	
		1	14	20.61	20.37	20.38	
		8	0	19.64	19.42	19.60	19.0±1.0
		8	4	19.67	19.41	19.62	
		8	7	19.63	19.47	19.59	
		15	0	19.61	19.35	19.49	19.0±1.0



LTE FDD Band 26 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	21.60	21.33	21.56	21.0±1.0
		1	13	21.74	21.41	21.69	
		1	24	21.74	21.31	21.57	
		12	0	20.57	20.43	20.66	20.0±1.0
		12	6	20.60	20.40	20.64	
		12	13	20.70	20.39	20.51	
		25	0	20.69	20.32	20.69	20.0±1.0
	16QAM	1	0	20.50	20.44	20.44	20.0±1.0
		1	13	20.65	20.45	20.54	
		1	24	20.63	20.38	20.46	
		12	0	19.53	19.41	19.68	19.0±1.0
		12	6	19.56	19.40	19.66	
		12	13	19.62	19.41	19.55	
		25	0	19.70	19.41	19.68	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26740/819.0	26865/831.5	26990/844.0	
10MHz	QPSK	1	0	21.52	21.21	21.55	21.0±1.0
		1	25	21.77	21.43	21.67	
		1	49	21.60	21.22	21.66	
		25	0	20.68	20.16	20.63	20.0±1.0
		25	13	20.67	20.16	20.64	
		25	25	20.72	20.25	20.57	
		50	0	20.66	20.23	20.58	20.0±1.0
	16QAM	1	0	20.54	20.12	20.44	20.0±1.0
		1	25	20.79	20.25	20.53	
		1	49	20.61	20.09	20.50	
		25	0	19.62	19.19	19.66	19.0±1.0
		25	13	19.64	19.27	19.67	
		25	25	19.77	19.38	19.60	
		50	0	19.69	19.22	19.56	19.0±1.0



LTE FDD Band 26 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	21.55	21.60	21.52	21.0±1.0
		1	38	21.61	21.67	21.66	
		1	74	21.47	21.57	21.53	
		36	0	20.47	20.69	20.63	20.0±1.0
		36	18	20.52	20.72	20.61	
		36	39	20.47	20.69	20.61	
		75	0	20.42	20.68	20.56	20.0±1.0
	16QAM	1	0	20.46	20.52	20.33	20.0±1.0
		1	38	20.52	20.62	20.42	
		1	74	20.43	20.51	20.29	
		36	0	19.54	19.68	19.58	19.0±1.0
		36	18	19.51	19.69	19.60	
		36	39	19.47	19.70	19.59	
		75	0	19.49	19.64	19.53	19.0±1.0



10. LTE Band 41 Conducted Power Test Verdict:

LTE TDD Band 41 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39675/2498.5	40620/2593.0	41565/2687.5	
5MHz	QPSK	1	0	22.68	22.69	22.63	22.5±1.0
		1	13	22.76	22.86	22.72	
		1	24	22.71	22.74	22.65	
		12	0	21.81	21.87	21.80	21.5±1.0
		12	6	21.79	21.86	21.82	
		12	13	21.78	21.86	21.75	
		25	0	21.74	21.79	21.75	21.5±1.0
	16QAM	1	0	21.81	21.97	21.80	21.5±1.0
		1	13	21.97	22.09	21.94	
		1	24	21.79	21.98	21.78	
		12	0	20.83	20.78	20.84	20.5±1.0
		12	6	20.79	20.77	20.83	
		12	13	20.76	20.81	20.74	
		25	0	20.75	20.85	20.79	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39700/2501.0	40620/2593.0	41540/2685.0	
10MHz	QPSK	1	0	22.78	22.89	22.88	22.5±1.0
		1	25	22.87	23.06	22.97	
		1	49	22.75	22.89	22.84	
		25	0	21.83	21.86	21.83	21.5±1.0
		25	13	21.82	21.86	21.84	
		25	25	21.76	21.91	21.77	
		50	0	21.78	21.89	21.75	21.5±1.0
	16QAM	1	0	21.84	21.82	21.76	21.5±1.0
		1	25	22.01	21.65	21.85	
		1	49	21.80	21.79	21.72	
		25	0	20.79	20.81	20.78	20.5±1.0
		25	13	20.76	20.82	20.77	
		25	25	20.79	20.83	20.67	
		50	0	20.72	20.80	20.68	20.5±1.0



LTE TDD Band 41 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39725/2503.5	40620/2593.0	41515/2682.5	
15MHz	QPSK	1	0	22.78	22.83	22.83	22.5±1.0
		1	38	22.90	22.95	22.89	
		1	74	22.79	22.88	22.76	
		36	0	21.75	21.94	21.81	21.5±1.0
		36	18	21.80	21.93	21.84	
		36	39	21.77	21.92	21.81	
		75	0	21.72	21.91	21.76	21.5±1.0
	16QAM	1	0	21.81	21.77	21.75	21.5±1.0
		1	38	21.85	21.82	21.80	
		1	74	21.73	21.79	21.69	
		36	0	20.75	20.93	20.81	20.5±1.0
		36	18	20.88	20.91	20.81	
		36	39	20.77	20.92	20.74	
		75	0	20.76	20.87	20.73	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39750/2506.0	40620/2593.0	41490/2680.0	
20MHz	QPSK	1	0	22.85	22.80	22.83	22.5±1.0
		1	50	22.90	22.88	23.01	
		1	99	22.72	22.75	22.79	
		50	0	21.86	21.82	21.83	21.5±1.0
		50	25	21.84	21.84	21.81	
		50	50	21.81	21.93	21.79	
		100	0	21.73	21.86	21.77	21.5±1.0
	16QAM	1	0	21.83	21.78	21.82	21.5±1.0
		1	50	21.84	21.87	21.90	
		1	99	21.71	21.74	21.80	
		50	0	20.80	20.87	20.77	20.5±1.0
		50	25	20.81	20.85	20.83	
		50	50	20.70	20.94	20.75	
		100	0	20.74	20.86	20.79	20.5±1.0



11. LTE Band 66 Conducted Power Test Verdict:

LTE FDD Band 66 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131979/1710.7	132322/1745.0	132665/1779.3	
1.4MHz	QPSK	1	0	18.07	17.85	17.92	17.5±1.0
		1	3	18.12	18.05	18.13	
		1	5	18.11	17.90	17.89	
		3	0	16.94	16.97	17.00	16.5±1.0
		3	2	16.96	16.98	17.02	
		3	3	16.98	17.01	17.02	
		6	0	16.94	17.00	17.01	16.5±1.0
	16QAM	1	0	17.07	16.72	16.88	16.5±1.0
		1	3	16.91	16.83	17.11	
		1	5	16.76	16.68	16.89	
		3	0	15.86	15.84	15.90	15.5±1.0
		3	2	15.94	15.91	16.01	
		3	3	15.84	15.80	15.86	
		6	0	15.80	15.85	16.00	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131987/1711.5	12322/1745.0	132657/1778.5	
3MHz	QPSK	1	0	17.86	17.92	17.96	17.5±1.0
		1	7	17.93	17.90	17.92	
		1	14	17.87	17.92	17.94	
		8	0	16.86	16.84	16.97	16.5±1.0
		8	4	16.86	16.87	17.00	
		8	7	16.94	16.86	16.89	
		15	0	16.79	16.86	16.95	16.5±1.0
	16QAM	1	0	16.88	16.92	16.85	16.5±1.0
		1	7	16.92	16.84	16.81	
		1	14	16.92	16.90	16.78	
		8	0	15.87	15.84	15.99	15.5±1.0
		8	4	15.86	15.88	15.96	
		8	7	15.89	15.83	15.94	
		15	0	15.84	15.80	15.89	15.5±1.0



LTE FDD Band 66 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131997/1712.5	132322/1745.0	132647/1777.5	
5MHz	QPSK	1	0	17.83	17.94	17.95	17.5±1.0
		1	13	17.91	17.95	18.03	
		1	24	17.87	17.83	17.96	
		12	0	16.82	16.85	16.99	16.5±1.0
		12	6	16.86	16.87	17.00	
		12	13	16.85	16.88	16.89	
		25	0	16.87	16.85	16.99	16.5±1.0
	16QAM	1	0	16.80	16.89	16.87	16.5±1.0
		1	13	16.83	17.05	16.93	
		1	24	16.83	16.93	16.85	
		12	0	15.76	15.91	15.96	15.5±1.0
		12	6	15.79	15.87	15.93	
		12	13	15.79	15.91	15.87	
		25	0	15.85	15.83	15.99	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132022/1715.0	132322/1745.0	132622/1775.0	
10MHz	QPSK	1	0	17.85	17.89	18.00	17.5±1.0
		1	25	18.11	18.09	18.08	
		1	49	17.93	17.97	17.99	
		25	0	16.96	16.90	17.02	16.5±1.0
		25	13	16.99	16.91	17.02	
		25	25	16.89	17.04	16.98	
		50	0	16.89	16.96	16.98	16.5±1.0
	16QAM	1	0	16.89	16.76	16.83	16.5±1.0
		1	25	17.08	16.91	16.93	
		1	49	17.02	16.86	16.82	
		25	0	15.96	15.91	16.02	15.5±1.0
		25	13	15.96	15.91	16.01	
		25	25	15.87	15.99	16.03	
		50	0	15.98	15.93	15.98	15.5±1.0



LTE FDD Band 66 ANT 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132047/1717.5	132322/1745.0	132597/1772.5	
15MHz	QPSK	1	0	17.79	17.82	17.93	17.5±1.0
		1	38	17.96	17.93	18.06	
		1	74	17.85	17.77	17.95	
		36	0	16.93	16.91	17.01	16.5±1.0
		36	18	16.93	16.94	17.05	
		36	39	16.99	16.91	17.08	
		75	0	16.93	17.09	17.05	16.5±1.0
	16QAM	1	0	16.85	16.97	16.74	16.5±1.0
		1	38	16.97	17.01	16.80	
		1	74	16.93	16.96	16.68	
		36	0	16.95	16.91	17.07	15.5±1.0
		36	18	16.90	16.93	17.10	
		36	39	16.97	16.97	17.02	
		75	0	15.87	15.96	16.03	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132072/1720.0	132322/1745.0	132572/1770.0	
20MHz	QPSK	1	0	17.93	17.91	17.88	17.5±1.0
		1	50	18.06	18.10	18.06	
		1	99	17.91	17.84	17.85	
		50	0	17.03	16.80	17.05	16.5±1.0
		50	25	17.04	16.81	17.03	
		50	50	16.82	16.92	17.10	
		100	0	16.87	16.86	17.11	16.5±1.0
	16QAM	1	0	16.71	16.96	16.61	16.5±1.0
		1	50	17.03	17.06	17.00	
		1	99	16.81	17.02	16.71	
		50	0	16.01	15.91	16.10	15.5±1.0
		50	25	16.07	15.95	16.12	
		50	50	15.83	15.97	16.18	
		100	0	15.89	15.90	16.08	15.5±1.0



12. LTE Band 71 Conducted Power Test Verdict:

LTE FDD Band 71 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				133147/665.5	133297/680.5	133447/695.5	
5MHz	QPSK	1	0	22.62	22.64	22.68	22.5 ±1.0
		1	13	22.73	22.74	22.91	
		1	24	22.65	22.65	22.69	
		12	0	21.71	21.69	21.63	21.5 ±1.0
		12	6	21.71	21.70	21.68	
		12	13	21.76	21.75	21.73	
		25	0	21.74	21.72	21.71	21.5 ±1.0
	16QAM	1	0	21.66	21.57	21.60	21.5 ±1.0
		1	13	21.81	21.62	21.77	
		1	24	21.68	21.54	21.67	
		12	0	20.74	20.69	20.61	20.5 ±1.0
		12	6	20.77	20.64	20.67	
		12	13	20.76	20.70	20.68	
		25	0	20.71	20.75	20.70	20.5 ±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				133172/668.0	133297/680.5	133422/693.0	
10MHz	QPSK	1	0	22.68	22.70	22.61	22.5 ±1.0
		1	25	22.85	22.78	22.76	
		1	49	22.73	22.66	22.75	
		25	0	21.74	21.82	21.82	21.5 ±1.0
		25	13	21.73	21.79	21.80	
		25	25	21.82	21.80	21.78	
		50	0	21.79	21.74	21.74	21.5 ±1.0
	16QAM	1	0	21.48	21.40	21.65	21.5 ±1.0
		1	25	21.57	21.54	21.81	
		1	49	21.52	21.44	21.74	
		25	0	20.79	20.84	20.78	20.5 ±1.0
		25	13	20.78	20.82	20.76	
		25	25	20.86	20.82	20.74	
		50	0	20.79	20.78	20.72	20.5 ±1.0



LTE FDD Band 71 ANT 0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				133197/670.5	133297/680.5	133397/690.5	
15MHz	QPSK	1	0	22.81	22.80	22.95	22.5 ±1.0
		1	38	22.89	22.97	22.99	
		1	74	22.85	22.79	22.85	
		36	0	21.85	21.95	21.82	21.5 ±1.0
		36	18	21.93	22.09	22.06	
		36	39	21.91	21.93	21.99	
		75	0	21.84	22.06	21.95	21.5 ±1.0
	16QAM	1	0	21.81	22.09	21.88	21.5 ±1.0
		1	38	21.94	22.19	22.03	
		1	74	21.88	21.98	21.97	
		36	0	20.87	21.02	20.91	20.5 ±1.0
		36	18	20.96	20.91	21.08	
		36	39	20.90	20.83	21.01	
		75	0	20.92	20.92	21.02	20.5 ±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				133222/673.0	133322/683.0	133372/688.0	
20MHz	QPSK	1	0	22.83	22.87	23.08	22.5 ±1.0
		1	50	22.94	22.77	22.88	
		1	99	22.82	22.75	22.23	
		50	0	21.93	21.88	21.86	21.5 ±1.0
		50	25	21.84	21.95	21.89	
		50	50	21.91	21.93	21.87	
		100	0	21.90	21.90	21.87	21.5 ±1.0
	16QAM	1	0	21.80	21.91	21.85	21.5 ±1.0
		1	50	21.95	21.99	22.01	
		1	99	21.78	21.84	21.97	
		50	0	20.98	20.95	20.87	20.5 ±1.0
		50	25	20.83	20.91	20.90	
		50	50	20.87	20.93	20.93	
		100	0	20.82	20.90	20.89	20.5 ±1.0



7.3 WIFI Conducted Power

WIFI 2.4G Output power ANT 2

2.4G WIFI Channel/Freq.(MHz)	Output Power (dBm)		
	802.11b	802.11g	802.11n(HT20)
1/2412.0	10.77	9.24	9.25
6/2437.0	10.23	9.60	9.81
11/2462.0	11.31	9.64	10.30

2.4G WIFI Channel/Freq.(MHz)	Output Power (dBm)	
	802.11n(HT40)	
3/2422.0	9.21	
6/2437.0	9.74	
9/2452.0	9.86	

WIFI U-NII-1 Output power ANT 2

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 a	802.11 n20	802.11 ac20
36/5180.0	9.89	8.79	8.65
44/5220.0	9.70	8.69	8.54
48/5240.0	9.29	8.22	8.13

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 n40	802.11 ac40
38/5190.0	8.40	8.48
46/5230.0	8.56	8.10

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	
42/5210.0	8.44	



WIFI U-NII-3 Output power ANT 2

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 a	802.11 n20	802.11 ac20
149/5745.0	9.51	8.85	8.81
157/5785.0	9.29	8.56	8.49
165/5825.0	9.16	7.90	7.84

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 n40	802.11 ac40
151/5755.0	8.62	8.60
159/5795.0	8.13	8.12

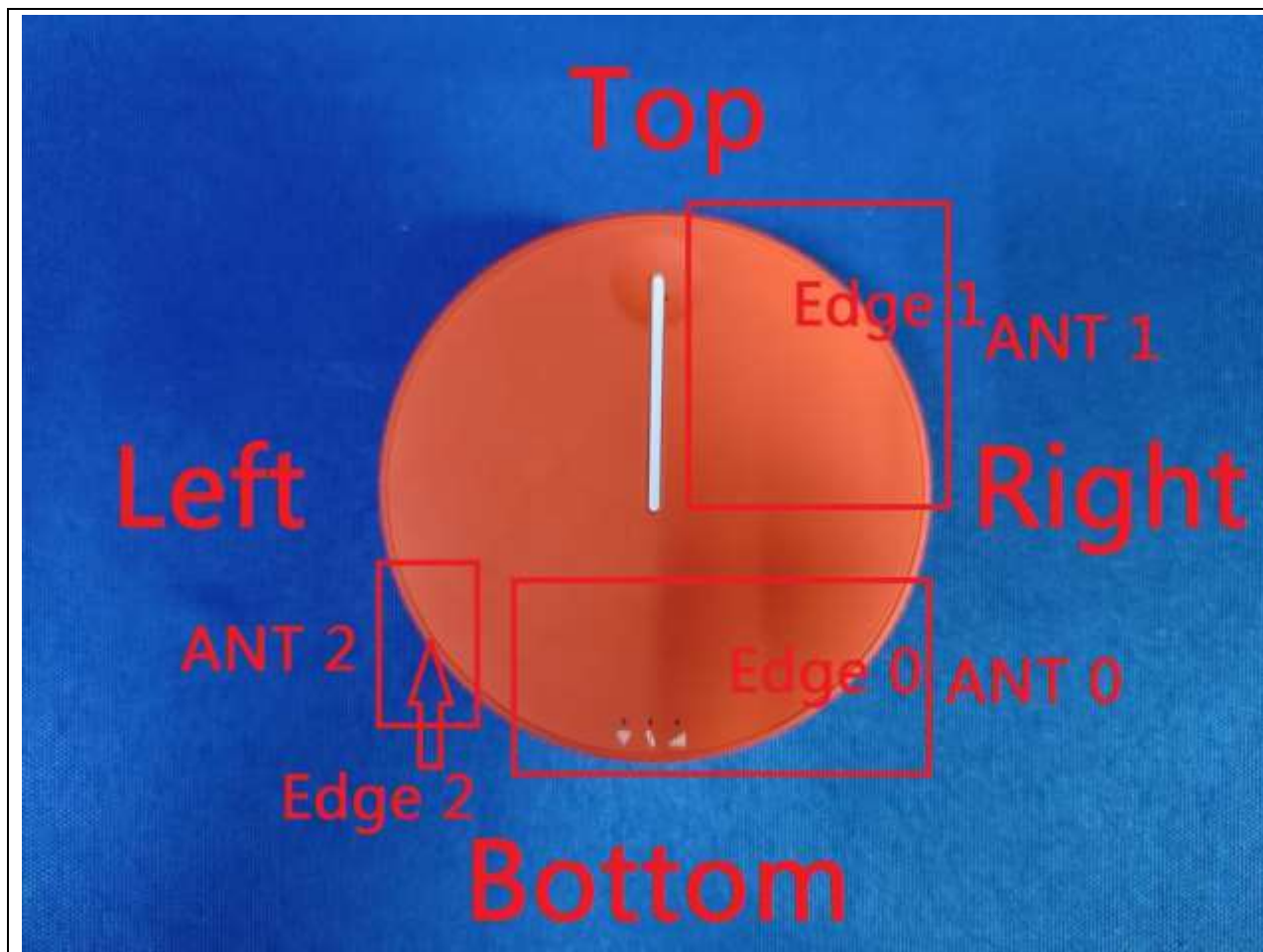
Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	
155/5775.0	8.07	

7.5 Bluetooth Output Power ANT 2

Channel	Frequency (MHz)	BT Output Power(dBm)		
		GFSK	$\pi/4$ -DQPSK	8-DPSK
CH 0	2402	0.66	0.82	0.81
CH 39	2441	-0.57	-0.43	-0.43
CH 78	2480	6.67	6.11	6.13

Channel	Frequency (MHz)	BLE Output Power(dBm)	
		1M(GFSK)	2M(GFSK)
CH 0	2402	-11.61	-11.58
CH 19	2440	-12.49	-12.08
CH 39	2480	-9.64	-9.62

8. Antenna Location:



Antenna	Test Band
ANT 0	WCDMA 1900, LTE Band 2/7/12/13/17/25/41/71
ANT 1	WCDMA 850/1700, LTE Band 4/5/26/66
ANT 2	2.4GWIFI, 5GWIFI, Bluetooth

Note:

1. The transmitting antenna of the test frequency band is displayed here, excluding the receiving antenna.



9. Test Results

Results overview of WCDMA850

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 1										
Front Upward	4183/836.6	RMC	23.84	24.50	1.164	0.330	0.29	0.384	1.6	/
Back Upward	4183/836.6	RMC	23.84	24.50	1.164	0.250	0.70	0.291	1.6	/
Left	4183/836.6	RMC	23.84	24.50	1.164	0.062	-1.32	0.072	1.6	/
Right	4183/836.6	RMC	23.84	24.50	1.164	0.081	0.44	0.094	1.6	/
Top	4183/836.6	RMC	23.84	24.50	1.164	0.094	-1.92	0.109	1.6	/
Bottom	4183/836.6	RMC	23.84	24.50	1.164	0.006	-0.33	0.007	1.6	/
Edge 1	4183/836.6	RMC	23.84	24.50	1.164	0.062	1.58	0.072	1.6	/
Front Upward	4132/826.4	RMC	23.65	24.00	1.084	0.343	0.41	0.372	1.6	1
Front Upward	4233/846.6	RMC	23.75	24.50	1.189	0.328	-1.82	0.390	1.6	/

Results overview of WCDMA1700

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 1										
Front Upward	1413/1732.6	RMC	21.43	22.00	1.140	0.363	1.07	0.414	1.6	/
Back Upward	1413/1732.6	RMC	21.43	22.00	1.140	0.539	1.79	0.614	1.6	/
Left	1413/1732.6	RMC	21.43	22.00	1.140	0.075	0.17	0.086	1.6	/
Right	1413/1732.6	RMC	21.43	22.00	1.140	0.089	-1.39	0.101	1.6	/
Top	1413/1732.6	RMC	21.43	22.00	1.140	0.008	1.79	0.009	1.6	/
Bottom	1413/1732.6	RMC	21.43	22.00	1.140	0.105	0.33	0.120	1.6	/
Edge 1	1413/1732.6	RMC	21.43	22.00	1.140	0.146	-0.92	0.166	1.6	/
Back Upward	1312/1712.4	RMC	21.48	22.00	1.127	0.521	0.36	0.587	1.6	/
Back Upward	1513/1752.6	RMC	21.35	22.00	1.161	0.556	-1.61	0.646	1.6	2

**Results overview of WCDMA1900**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0										
Front Upward	9400/1880.0	RMC	18.22	19.00	1.067	0.353	-1.59	0.377	1.6	/
Back Upward	9400/1880.0	RMC	18.22	19.00	1.067	0.835	0.49	0.891	1.6	3
Back Upward Repeat	9400/1880.0	RMC	18.22	18.50	1.067	0.816	0.07	0.871	1.6	/
Left	9400/1880.0	RMC	18.22	18.50	1.067	0.052	-1.75	0.055	1.6	/
Right	9400/1880.0	RMC	18.22	18.50	1.067	0.075	0.31	0.080	1.6	/
Top	9400/1880.0	RMC	18.22	18.50	1.067	0.006	-2.18	0.006	1.6	/
Bottom	9400/1880.0	RMC	18.22	18.50	1.067	0.082	-1.79	0.087	1.6	/
Edge 0	9400/1880.0	RMC	18.22	18.50	1.067	0.121	0.75	0.129	1.6	/
Back Upward	9262/1852.4	RMC	18.29	19.00	1.178	0.807	1.29	0.951	1.6	/
Back Upward	9538/1907.6	RMC	18.24	18.50	1.062	0.819	-0.78	0.870	1.6	/

**Results overview of FDD LTE Band 2, QPSK, 20MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	18900/1880.0	QPSK	19.26	20.00	1.186	0.515	-0.71	0.611	1.6	/
Back Upward	18900/1880.0	QPSK	19.26	20.00	1.186	0.733	-0.73	0.869	1.6	/
Left	18900/1880.0	QPSK	19.26	20.00	1.186	0.237	-0.66	0.281	1.6	/
Right	18900/1880.0	QPSK	19.26	20.00	1.186	0.169	1.75	0.200	1.6	/
Top	18900/1880.0	QPSK	19.26	20.00	1.186	0.016	-0.62	0.019	1.6	/
Bottom	18900/1880.0	QPSK	19.26	20.00	1.186	0.315	1.53	0.374	1.6	/
Edge 0	18900/1880.0	QPSK	19.26	20.00	1.186	0.434	1.07	0.515	1.6	/
Back Upward	18700/1860.0	QPSK	19.30	20.00	1.175	0.759	0.49	0.892	1.6	4
Back Upward	19100/1900.0	QPSK	19.25	20.00	1.189	0.726	-1.67	0.863	1.6	/
ANT 0/50RB#0										
Front Upward	18900/1880.0	QPSK	18.23	18.50	1.064	0.393	-0.71	0.418	1.6	/
Back Upward	18900/1880.0	QPSK	18.23	18.50	1.064	0.596	-0.73	0.634	1.6	/
Left	18900/1880.0	QPSK	18.23	18.50	1.064	0.176	-0.66	0.187	1.6	/
Right	18900/1880.0	QPSK	18.23	18.50	1.064	0.129	1.75	0.137	1.6	/
Top	18900/1880.0	QPSK	18.23	18.50	1.064	0.011	-0.62	0.012	1.6	/
Bottom	18900/1880.0	QPSK	18.23	18.50	1.064	0.259	1.53	0.276	1.6	/
Edge 0	18900/1880.0	QPSK	18.23	18.50	1.064	0.331	1.07	0.352	1.6	/
Back Upward	18700/1860.0	QPSK	18.22	18.50	1.067	0.579	0.49	0.618	1.6	/
Back Upward	19100/1900.0	QPSK	18.24	18.50	1.062	0.521	-1.67	0.553	1.6	/
ANT 0/50RB#0										
Front Upward	18900/1880.0	QPSK	18.16	18.50	1.081	0.357	-1.92	0.386	1.6	/
Back Upward	18900/1880.0	QPSK	18.16	18.50	1.081	0.526	-0.36	0.569	1.6	/
Left	18900/1880.0	QPSK	18.16	18.50	1.081	0.162	-0.80	0.175	1.6	/
Right	18900/1880.0	QPSK	18.16	18.50	1.081	0.123	2.08	0.133	1.6	/
Top	18900/1880.0	QPSK	18.16	18.50	1.081	0.008	-1.61	0.009	1.6	/
Bottom	18900/1880.0	QPSK	18.16	18.50	1.081	0.235	-0.83	0.254	1.6	/
Edge 0	18900/1880.0	QPSK	18.16	18.50	1.081	0.315	-0.56	0.341	1.6	/
Back Upward	18700/1860.0	QPSK	18.17	18.50	1.079	0.542	0.51	0.585	1.6	/
Back Upward	19100/1900.0	QPSK	18.20	18.50	1.072	0.505	-1.16	0.541	1.6	/

**Results overview of FDD LTE Band 4, QPSK, 20MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 1/1RB#0										
Front Upward	20175/1732.5	QPSK	17.03	17.50	1.114	0.478	-2.28	0.532	1.6	/
Back Upward	20175/1732.5	QPSK	17.03	17.50	1.114	0.213	-1.14	0.237	1.6	/
Left	20175/1732.5	QPSK	17.03	17.50	1.114	0.047	-0.55	0.052	1.6	/
Right	20175/1732.5	QPSK	17.03	17.50	1.114	0.190	1.52	0.212	1.6	/
Top	20175/1732.5	QPSK	17.03	17.50	1.114	0.173	-0.63	0.193	1.6	/
Bottom	20175/1732.5	QPSK	17.03	17.50	1.114	0.029	-1.29	0.032	1.6	/
Edge 1	20175/1732.5	QPSK	17.03	17.50	1.114	0.531	0.38	0.592	1.6	/
Edge 1	20050/1720.0	QPSK	16.99	17.50	1.125	0.564	-1.08	0.635	1.6	/
Edge 1	20300/1745.0	QPSK	16.91	17.50	1.146	0.578	0.26	0.662	1.6	5
ANT 1/50RB#0										
Front Upward	20175/1732.5	QPSK	16.13	16.50	1.089	0.361	0.63	0.393	1.6	/
Back Upward	20175/1732.5	QPSK	16.13	16.50	1.089	0.160	2.52	0.174	1.6	/
Left	20175/1732.5	QPSK	16.13	16.50	1.089	0.035	-1.54	0.038	1.6	/
Right	20175/1732.5	QPSK	16.13	16.50	1.089	0.144	-0.49	0.157	1.6	/
Top	20175/1732.5	QPSK	16.13	16.50	1.089	0.131	1.71	0.143	1.6	/
Bottom	20175/1732.5	QPSK	16.13	16.50	1.089	0.022	0.52	0.024	1.6	/
Edge 1	20175/1732.5	QPSK	16.13	16.50	1.089	0.404	1.46	0.440	1.6	/
Edge 1	20050/1720.0	QPSK	15.94	16.50	1.138	0.427	1.08	0.486	1.6	/
Edge 1	20300/1745.0	QPSK	15.86	16.50	1.159	0.442	-0.95	0.512	1.6	/
100RB										
Front Upward	20175/1732.5	QPSK	16.02	16.50	1.117	0.322	-1.83	0.360	1.6	/
Back Upward	20175/1732.5	QPSK	16.02	16.50	1.117	0.144	0.28	0.161	1.6	/
Left	20175/1732.5	QPSK	16.02	16.50	1.117	0.032	1.27	0.036	1.6	/
Right	20175/1732.5	QPSK	16.02	16.50	1.117	0.127	0.32	0.142	1.6	/
Top	20175/1732.5	QPSK	16.02	16.50	1.117	0.117	0.47	0.131	1.6	/
Bottom	20175/1732.5	QPSK	16.02	16.50	1.117	0.019	-1.13	0.021	1.6	/
Edge 1	20175/1732.5	QPSK	16.02	16.50	1.117	0.357	-1.37	0.399	1.6	/
Edge 1	20050/1720.0	QPSK	15.95	16.50	1.135	0.382	-0.43	0.434	1.6	/
Edge 1	20300/1745.0	QPSK	15.93	16.50	1.140	0.387	0.67	0.441	1.6	/

**Results overview of FDD LTE Band 5, QPSK, 10MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 1/1RB#0										
Front Upward	20525/836.5	QPSK	21.49	22.00	1.125	0.749	2.06	0.843	1.6	/
Back Upward	20525/836.5	QPSK	21.49	22.00	1.125	0.634	-0.79	0.713	1.6	/
Left	20525/836.5	QPSK	21.49	22.00	1.125	0.080	-1.09	0.090	1.6	/
Right	20525/836.5	QPSK	21.49	22.00	1.125	0.328	1.79	0.369	1.6	/
Top	20525/836.5	QPSK	21.49	22.00	1.125	0.302	0.16	0.340	1.6	/
Bottom	20525/836.5	QPSK	21.49	22.00	1.125	0.049	-1.35	0.055	1.6	/
Edge 1	20525/836.5	QPSK	21.49	22.00	1.125	0.289	-0.66	0.325	1.6	/
Front Upward	20450/829.0	QPSK	21.47	22.00	1.130	0.808	-0.28	0.913	1.6	/
Front Upward Repeat	20450/829.0	QPSK	21.47	22.00	1.130	0.814	-0.50	0.920	1.6	6
Front Upward	20600/844.0	QPSK	21.48	22.00	1.127	0.705	0.97	0.795	1.6	/
ANT 1/50RB#0										
Front Upward	20525/836.5	QPSK	20.55	21.00	1.109	0.542	-1.26	0.601	1.6	/
Back Upward	20525/836.5	QPSK	20.55	21.00	1.109	0.489	2.86	0.542	1.6	/
Left	20525/836.5	QPSK	20.55	21.00	1.109	0.062	0.93	0.069	1.6	/
Right	20525/836.5	QPSK	20.55	21.00	1.109	0.253	2.98	0.281	1.6	/
Top	20525/836.5	QPSK	20.55	21.00	1.109	0.232	0.72	0.257	1.6	/
Bottom	20525/836.5	QPSK	20.55	21.00	1.109	0.037	0.31	0.041	1.6	/
Edge 1	20525/836.5	QPSK	20.55	21.00	1.109	0.221	1.09	0.245	1.6	/
Front Upward	20450/829.0	QPSK	20.55	21.00	1.109	0.620	-1.68	0.688	1.6	/
Front Upward	20600/844.0	QPSK	20.48	21.00	1.127	0.529	-0.53	0.596	1.6	/
ANT 1/100RB#0										
Front Upward	20525/836.5	QPSK	20.53	21.00	1.114	0.522	2.10	0.582	1.6	/
Back Upward	20525/836.5	QPSK	20.53	21.00	1.114	0.453	1.58	0.505	1.6	/
Left	20525/836.5	QPSK	20.53	21.00	1.114	0.061	-0.41	0.068	1.6	/
Right	20525/836.5	QPSK	20.53	21.00	1.114	0.243	-3.03	0.271	1.6	/
Top	20525/836.5	QPSK	20.53	21.00	1.114	0.215	-2.26	0.240	1.6	/
Bottom	20525/836.5	QPSK	20.53	21.00	1.114	0.034	1.57	0.038	1.6	/
Edge 1	20525/836.5	QPSK	20.53	21.00	1.114	0.209	-0.25	0.233	1.6	/
Front Upward	20450/829.0	QPSK	20.50	21.00	1.122	0.505	0.19	0.567	1.6	/
Front Upward	20600/844.0	QPSK	20.40	21.00	1.148	0.554	-2.92	0.636	1.6	/

**Results overview of FDD LTE Band 7, QPSK, 20MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	21100/2535.0	QPSK	21.43	22.00	1.140	0.640	-0.64	0.730	1.6	/
Back Upward	21100/2535.0	QPSK	21.43	22.00	1.140	0.679	0.71	0.774	1.6	7
Left	21100/2535.0	QPSK	21.43	22.00	1.140	0.160	0.86	0.182	1.6	/
Right	21100/2535.0	QPSK	21.43	22.00	1.140	0.214	-1.79	0.244	1.6	/
Top	21100/2535.0	QPSK	21.43	22.00	1.140	0.048	0.25	0.055	1.6	/
Bottom	21100/2535.0	QPSK	21.43	22.00	1.140	0.327	-2.28	0.373	1.6	/
Edge 0	21100/2535.0	QPSK	21.43	22.00	1.140	0.436	0.52	0.497	1.6	/
Back Upward	20850/2510.0	QPSK	21.46	22.00	1.132	0.667	1.49	0.755	1.6	/
Back Upward	21350/2560.0	QPSK	21.40	22.00	1.148	0.649	-0.76	0.745	1.6	/
ANT 0/1RB#0										
Front Upward	21100/2535.0	QPSK	20.38	21.00	1.153	0.483	-0.53	0.557	1.6	/
Back Upward	21100/2535.0	QPSK	20.38	21.00	1.153	0.518	0.83	0.597	1.6	/
Left	21100/2535.0	QPSK	20.38	21.00	1.153	0.120	-0.29	0.138	1.6	/
Right	21100/2535.0	QPSK	20.38	21.00	1.153	0.160	1.71	0.184	1.6	/
Top	21100/2535.0	QPSK	20.38	21.00	1.153	0.036	-0.46	0.042	1.6	/
Bottom	21100/2535.0	QPSK	20.38	21.00	1.153	0.249	0.52	0.287	1.6	/
Edge 0	21100/2535.0	QPSK	20.38	21.00	1.153	0.331	1.37	0.382	1.6	/
Back Upward	20850/2510.0	QPSK	20.49	21.00	1.125	0.504	-0.83	0.567	1.6	/
Back Upward	21350/2560.0	QPSK	20.42	21.00	1.143	0.489	1.84	0.559	1.6	/

**Results overview of FDD LTE Band 12, QPSK, 10MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	23095/707.5	QPSK	21.78	22.50	1.180	0.676	-1.15	0.798	1.6	8
Back Upward	23095/707.5	QPSK	21.78	22.50	1.180	0.409	-1.67	0.483	1.6	/
Left	23095/707.5	QPSK	21.78	22.50	1.180	0.102	-0.86	0.120	1.6	/
Right	23095/707.5	QPSK	21.78	22.50	1.180	0.148	0.95	0.175	1.6	/
Top	23095/707.5	QPSK	21.78	22.50	1.180	0.027	-2.11	0.032	1.6	/
Bottom	23095/707.5	QPSK	21.78	22.50	1.180	0.279	-0.76	0.329	1.6	/
Edge 1	23095/707.5	QPSK	21.78	22.50	1.180	0.170	-1.49	0.201	1.6	/
Front Upward	23060/704.0	QPSK	21.89	22.50	1.151	0.654	0.76	0.753	1.6	/
Front Upward	23130/711.0	QPSK	21.78	22.50	1.180	0.621	1.05	0.733	1.6	/
ANT 0/50RB#0										
Front Upward	23095/707.5	QPSK	20.81	21.50	1.172	0.496	1.08	0.581	1.6	/
Back Upward	23095/707.5	QPSK	20.81	21.50	1.172	0.314	2.15	0.368	1.6	/
Left	23095/707.5	QPSK	20.81	21.50	1.172	0.078	1.86	0.091	1.6	/
Right	23095/707.5	QPSK	20.81	21.50	1.172	0.114	-1.07	0.134	1.6	/
Top	23095/707.5	QPSK	20.81	21.50	1.172	0.021	-0.81	0.025	1.6	/
Bottom	23095/707.5	QPSK	20.81	21.50	1.172	0.212	-0.73	0.248	1.6	/
Edge 1	23095/707.5	QPSK	20.81	21.50	1.172	0.129	1.25	0.151	1.6	/
Front Upward	23060/704.0	QPSK	20.73	21.00	1.064	0.463	2.15	0.493	1.6	/
Front Upward	23130/711.0	QPSK	20.84	21.50	1.164	0.467	0.21	0.544	1.6	/

**Results overview of FDD LTE Band 13, QPSK, 10MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	23230/782.0	QPSK	23.44	24.00	1.138	0.540	0.27	0.615	1.6	9
Back Upward	23230/782.0	QPSK	23.44	24.00	1.138	0.346	2.15	0.394	1.6	/
Left	23230/782.0	QPSK	23.44	24.00	1.138	0.058	-0.28	0.066	1.6	/
Right	23230/782.0	QPSK	23.44	24.00	1.138	0.097	-1.53	0.110	1.6	/
Top	23230/782.0	QPSK	23.44	24.00	1.138	0.012	0.19	0.014	1.6	/
Bottom	23230/782.0	RMC	23.44	24.00	1.138	0.148	0.55	0.168	1.6	/
Edge 0	23230/782.0	RMC	23.44	24.00	1.138	0.230	-1.62	0.262	1.6	/
ANT 0/50RB#0										
Front Upward	23230/782.0	QPSK	22.53	23.00	1.104	0.386	-1.31	0.426	1.6	/
Back Upward	23230/782.0	QPSK	22.53	23.00	1.104	0.263	0.79	0.290	1.6	/
Left	23230/782.0	QPSK	22.53	23.00	1.104	0.043	1.14	0.047	1.6	/
Right	23230/782.0	QPSK	22.53	23.00	1.104	0.074	0.84	0.082	1.6	/
Top	23230/782.0	QPSK	22.53	23.00	1.104	0.009	-0.94	0.010	1.6	/
Bottom	23230/782.0	RMC	22.53	23.00	1.104	0.112	-1.28	0.124	1.6	/
Edge 0	23230/782.0	RMC	22.53	23.00	1.104	0.176	0.66	0.194	1.6	/

**Results overview of FDD LTE Band 17, QPSK, 10MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	23790/710.0	QPSK	21.78	22.50	1.180	0.612	2.05	0.722	1.6	/
Back Upward	23790/710.0	QPSK	21.78	22.50	1.180	0.396	1.62	0.467	1.6	/
Left	23790/710.0	QPSK	21.78	22.50	1.180	0.054	-0.49	0.064	1.6	/
Right	23790/710.0	QPSK	21.78	22.50	1.180	0.076	1.26	0.090	1.6	/
Top	23790/710.0	QPSK	21.78	22.50	1.180	0.009	0.55	0.011	1.6	/
Bottom	23790/710.0	QPSK	21.78	22.50	1.180	0.118	-0.32	0.139	1.6	/
Edge 0	23790/710.0	QPSK	21.78	22.50	1.180	0.150	0.68	0.177	1.6	/
Front Upward	23780/709.0	QPSK	21.82	22.50	1.169	0.581	1.79	0.679	1.6	/
Front Upward	23800/711.0	QPSK	21.80	22.50	1.175	0.631	-1.06	0.741	1.6	10
ANT 0/50RB#0										
Front Upward	23790/710.0	QPSK	20.75	21.50	1.169	0.469	-0.92	0.548	1.6	/
Back Upward	23790/710.0	QPSK	20.75	21.50	1.169	0.306	0.59	0.358	1.6	/
Left	23790/710.0	QPSK	20.75	21.50	1.169	0.041	-1.28	0.048	1.6	/
Right	23790/710.0	QPSK	20.75	21.50	1.169	0.059	0.68	0.069	1.6	/
Top	23790/710.0	QPSK	20.75	21.50	1.169	0.007	1.31	0.008	1.6	/
Bottom	23790/710.0	QPSK	20.75	21.50	1.169	0.090	0.58	0.105	1.6	/
Edge 0	23790/710.0	QPSK	20.75	21.50	1.169	0.115	-0.81	0.134	1.6	/
Front Upward	23780/709.0	QPSK	20.78	21.50	1.175	0.445	1.79	0.523	1.6	/
Front Upward	23800/711.0	QPSK	20.80	21.50	1.167	0.477	-1.27	0.557	1.6	/

**Results overview of FDD LTE Band 25, QPSK, 20MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	26365/1882.5	RMC	19.35	20.00	1.161	0.561	0.78	0.651	1.6	/
Back Upward	26365/1882.5	RMC	19.35	20.00	1.161	0.841	1.02	0.976	1.6	/
Left	26365/1882.5	RMC	19.35	20.00	1.161	0.164	-0.28	0.190	1.6	/
Right	26365/1882.5	RMC	19.35	20.00	1.161	0.211	0.35	0.245	1.6	/
Top	26365/1882.5	RMC	19.35	20.00	1.161	0.038	-1.41	0.044	1.6	/
Bottom	26365/1882.5	RMC	19.35	20.00	1.161	0.326	-2.30	0.378	1.6	/
Edge 0	26365/1882.5	RMC	19.35	20.00	1.161	0.423	0.93	0.491	1.6	/
Back Upward	26140/1860.0	RMC	19.49	20.00	1.125	0.904	-0.95	1.017	1.6	11
Back Upward Repeat	26140/1860.0	RMC	19.49	20.00	1.125	0.887	0.16	0.998	1.6	/
Back Upward	26590/1905.0	RMC	19.43	20.00	1.140	0.897	1.03	1.023	1.6	/
ANT 0/50RB#0										
Front Upward	26365/1882.5	RMC	18.47	19.00	1.130	0.423	-3.10	0.478	1.6	/
Back Upward	26365/1882.5	RMC	18.47	19.00	1.130	0.635	2.98	0.718	1.6	/
Left	26365/1882.5	RMC	18.47	19.00	1.130	0.125	2.49	0.141	1.6	/
Right	26365/1882.5	RMC	18.47	19.00	1.130	0.160	-2.10	0.181	1.6	/
Top	26365/1882.5	RMC	18.47	19.00	1.130	0.029	1.95	0.033	1.6	/
Bottom	26365/1882.5	RMC	18.47	19.00	1.130	0.250	2.15	0.283	1.6	/
Edge 0	26365/1882.5	RMC	18.47	19.00	1.130	0.325	1.42	0.367	1.6	/
Back Upward	26140/1860.0	RMC	18.33	19.00	1.167	0.697	1.74	0.813	1.6	/
Back Upward	26590/1905.0	RMC	18.35	19.00	1.161	0.694	-2.74	0.806	1.6	/
100RB										
Front Upward	26365/1882.5	RMC	18.43	19.00	1.140	0.375	0.99	0.428	1.6	/
Back Upward	26365/1882.5	RMC	18.43	19.00	1.140	0.559	0.50	0.637	1.6	/
Left	26365/1882.5	RMC	18.43	19.00	1.140	0.109	1.21	0.124	1.6	/
Right	26365/1882.5	RMC	18.43	19.00	1.140	0.141	-0.33	0.161	1.6	/
Top	26365/1882.5	RMC	18.43	19.00	1.140	0.025	-1.09	0.029	1.6	/
Bottom	26365/1882.5	RMC	18.43	19.00	1.140	0.220	0.36	0.251	1.6	/
Edge 0	26365/1882.5	RMC	18.43	19.00	1.140	0.287	0.18	0.327	1.6	/
Back Upward	26140/1860.0	RMC	18.36	19.00	1.159	0.614	0.25	0.712	1.6	/
Back Upward	26590/1905.0	RMC	18.34	19.00	1.164	0.612	0.94	0.712	1.6	/

**Results overview of FDD LTE Band 26, QPSK, 15MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 1/1RB#0										
Front Upward	24300/847.0	QPSK	21.60	22.00	1.096	0.825	0.38	0.904	1.6	12
Front Upward Repeat	24300/847.0	QPSK	21.60	22.00	1.096	0.804	-1.56	0.881	1.6	/
Back Upward	24300/847.0	QPSK	21.60	22.00	1.096	0.631	0.43	0.692	1.6	/
Left	24300/847.0	QPSK	21.60	22.00	1.096	0.058	-1.59	0.064	1.6	/
Right	24300/847.0	QPSK	21.60	22.00	1.096	0.221	0.68	0.242	1.6	/
Top	24300/847.0	QPSK	21.60	22.00	1.096	0.186	-1.01	0.204	1.6	/
Bottom	24300/847.0	QPSK	21.60	22.00	1.096	0.037	0.23	0.041	1.6	/
Edge 1	24300/847.0	QPSK	21.60	22.00	1.096	0.271	-2.37	0.297	1.6	/
Front Upward	24250/842.0	QPSK	21.55	22.00	1.109	0.781	-0.31	0.866	1.6	/
Front Upward	24350/852.0	QPSK	21.52	22.00	1.117	0.718	2.05	0.802	1.6	/
ANT 1/50RB#0										
Front Upward	24300/847.0	QPSK	20.69	21.00	1.074	0.627	0.27	0.673	1.6	/
Back Upward	24300/847.0	QPSK	20.69	21.00	1.074	0.480	1.22	0.516	1.6	/
Left	24300/847.0	QPSK	20.69	21.00	1.074	0.045	-0.44	0.048	1.6	/
Right	24300/847.0	QPSK	20.69	21.00	1.074	0.168	-0.91	0.180	1.6	/
Top	24300/847.0	QPSK	20.69	21.00	1.074	0.141	0.31	0.151	1.6	/
Bottom	24300/847.0	QPSK	20.69	21.00	1.074	0.028	2.16	0.030	1.6	/
Edge 1	24300/847.0	QPSK	20.69	21.00	1.074	0.206	-0.79	0.221	1.6	/
Front Upward	24250/842.0	QPSK	20.47	21.00	1.130	0.594	0.96	0.671	1.6	/
Front Upward	24350/852.0	QPSK	20.63	21.00	1.089	0.549	-0.52	0.598	1.6	/
ANT 1/100RB#0										
Front Upward	24300/847.0	QPSK	20.68	21.00	1.076	0.603	2.18	0.649	1.6	/
Back Upward	24300/847.0	QPSK	20.68	21.00	1.076	0.423	-0.57	0.455	1.6	/
Left	24300/847.0	QPSK	20.68	21.00	1.076	0.040	0.44	0.043	1.6	/
Right	24300/847.0	QPSK	20.68	21.00	1.076	0.148	-1.34	0.159	1.6	/
Top	24300/847.0	QPSK	20.68	21.00	1.076	0.124	0.84	0.133	1.6	/
Bottom	24300/847.0	QPSK	20.68	21.00	1.076	0.025	-0.54	0.027	1.6	/
Edge 1	24300/847.0	QPSK	20.68	21.00	1.076	0.182	1.42	0.196	1.6	/
Front Upward	24250/842.0	QPSK	20.42	21.00	1.143	0.624	-2.23	0.713	1.6	/
Front Upward	24350/852.0	QPSK	20.56	21.00	1.107	0.584	0.46	0.646	1.6	/

**Results overview of TDD LTE Band 41, QPSK, 20MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	40740/2605.0	QPSK	22.80	23.50	1.175	0.732	-2.23	0.860	1.6	/
Back Upward	40740/2605.0	QPSK	22.80	23.50	1.175	0.675	-2.04	0.793	1.6	/
Left	40740/2605.0	QPSK	22.80	23.50	1.175	0.149	0.71	0.175	1.6	/
Right	40740/2605.0	QPSK	22.80	23.50	1.175	0.172	0.37	0.202	1.6	/
Top	40740/2605.0	QPSK	22.80	23.50	1.175	0.029	-0.52	0.034	1.6	/
Bottom	40740/2605.0	QPSK	22.80	23.50	1.175	0.181	-1.71	0.213	1.6	/
Edge 0	40740/2605.0	QPSK	22.80	23.50	1.175	0.671	0.98	0.788	1.6	/
Front Upward	40340/2565.0	QPSK	22.85	23.50	1.161	0.759	1.01	0.881	1.6	13
Front Upward	41140/2645.0	QPSK	22.83	23.50	1.167	0.738	0.83	0.861	1.6	/
ANT 0/50RB#0										
Front Upward	40740/2605.0	QPSK	21.82	22.50	1.169	0.602	1.63	0.704	1.6	/
Back Upward	40740/2605.0	QPSK	21.82	22.50	1.169	0.544	0.79	0.636	1.6	/
Left	40740/2605.0	QPSK	21.82	22.50	1.169	0.111	0.67	0.130	1.6	/
Right	40740/2605.0	QPSK	21.82	22.50	1.169	0.129	-0.46	0.151	1.6	/
Top	40740/2605.0	QPSK	21.82	22.50	1.169	0.022	2.05	0.026	1.6	/
Bottom	40740/2605.0	QPSK	21.82	22.50	1.169	0.137	0.65	0.160	1.6	/
Edge 0	40740/2605.0	QPSK	21.82	22.50	1.169	0.512	0.24	0.599	1.6	/
Front Upward	40340/2565.0	QPSK	21.86	22.50	1.159	0.581	-1.44	0.673	1.6	/
Front Upward	41140/2645.0	QPSK	21.83	22.50	1.167	0.556	-0.92	0.649	1.6	/
ANT 0/100RB#0										
Front Upward	40740/2605.0	QPSK	21.86	22.50	1.159	0.546	-2.30	0.633	1.6	/
Back Upward	40740/2605.0	QPSK	21.86	22.50	1.159	0.521	3.00	0.604	1.6	/
Left	40740/2605.0	QPSK	21.86	22.50	1.159	0.104	-0.65	0.121	1.6	/
Right	40740/2605.0	QPSK	21.86	22.50	1.159	0.131	-1.28	0.152	1.6	/
Top	40740/2605.0	QPSK	21.86	22.50	1.159	0.019	-1.65	0.022	1.6	/
Bottom	40740/2605.0	QPSK	21.86	22.50	1.159	0.118	1.07	0.137	1.6	/
Edge 0	40740/2605.0	QPSK	21.86	22.50	1.159	0.479	-4.36	0.555	1.6	/
Front Upward	40340/2565.0	QPSK	21.73	22.00	1.064	0.510	-2.71	0.543	1.6	/
Front Upward	41140/2645.0	QPSK	21.77	22.50	1.183	0.589	-1.96	0.697	1.6	/

**Results overview of FDD LTE Band 66, QPSK, 20MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 1/1RB#0										
Front Upward	132322/1745.0	QPSK	17.91	18.50	1.146	0.471	1.97	0.540	1.6	/
Back Upward	132322/1745.0	QPSK	17.91	18.50	1.146	0.375	-0.31	0.430	1.6	/
Left	132322/1745.0	QPSK	17.91	18.50	1.146	0.103	-1.55	0.118	1.6	/
Right	132322/1745.0	QPSK	17.91	18.50	1.146	0.201	-0.71	0.230	1.6	/
Top	132322/1745.0	QPSK	17.91	18.50	1.146	0.178	0.51	0.204	1.6	/
Bottom	132322/1745.0	QPSK	17.91	18.50	1.146	0.088	0.86	0.101	1.6	/
Edge 1	132322/1745.0	QPSK	17.91	18.50	1.146	0.763	1.08	0.874	1.6	14
Edge 1	132072/1720.0	QPSK	17.93	18.50	1.140	0.748	-0.36	0.853	1.6	/
Edge 1	132572/1770.0	QPSK	17.88	18.50	1.153	0.729	1.93	0.841	1.6	/
ANT 1/50RB#0										
Front Upward	132322/1745.0	QPSK	16.80	17.50	1.175	0.357	-1.29	0.419	1.6	/
Back Upward	132322/1745.0	QPSK	16.80	17.50	1.175	0.287	0.16	0.337	1.6	/
Left	132322/1745.0	QPSK	16.80	17.50	1.175	0.078	-0.58	0.092	1.6	/
Right	132322/1745.0	QPSK	16.80	17.50	1.175	0.153	2.07	0.180	1.6	/
Top	132322/1745.0	QPSK	16.80	17.50	1.175	0.135	0.42	0.159	1.6	/
Bottom	132322/1745.0	QPSK	16.80	17.50	1.175	0.066	1.81	0.078	1.6	/
Edge 1	132322/1745.0	QPSK	16.80	17.50	1.175	0.635	-2.22	0.746	1.6	/
Edge 1	132072/1720.0	QPSK	17.03	17.50	1.114	0.595	0.67	0.663	1.6	/
Edge 1	132572/1770.0	QPSK	17.05	17.50	1.109	0.617	0.45	0.684	1.6	/
100RB										
Front Upward	132322/1745.0	QPSK	16.86	17.50	1.159	0.314	-1.46	0.364	1.6	/
Back Upward	132322/1745.0	QPSK	16.86	17.50	1.159	0.253	0.87	0.293	1.6	/
Left	132322/1745.0	QPSK	16.86	17.50	1.159	0.068	1.87	0.079	1.6	/
Right	132322/1745.0	QPSK	16.86	17.50	1.159	0.135	-0.49	0.156	1.6	/
Top	132322/1745.0	QPSK	16.86	17.50	1.159	0.119	-2.28	0.138	1.6	/
Bottom	132322/1745.0	QPSK	16.86	17.50	1.159	0.060	-0.92	0.070	1.6	/
Edge 1	132322/1745.0	QPSK	16.86	17.50	1.159	0.571	0.63	0.662	1.6	/
Edge 1	132072/1720.0	QPSK	16.87	17.50	1.156	0.546	2.69	0.631	1.6	/
Edge 1	132572/1770.0	QPSK	17.11	17.50	1.094	0.535	-1.47	0.585	1.6	/

**Results overview of FDD LTE Band 71, QPSK, 20MHz Bandwidth**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 0/1RB#0										
Front Upward	133322/683.0	QPSK	22.87	23.50	1.156	0.542	0.95	0.627	1.6	/
Back Upward	133322/683.0	QPSK	22.87	23.50	1.156	0.498	0.39	0.576	1.6	/
Left	133322/683.0	QPSK	22.87	23.50	1.156	0.139	-1.96	0.161	1.6	/
Right	133322/683.0	QPSK	22.87	23.50	1.156	0.164	0.66	0.190	1.6	/
Top	133322/683.0	QPSK	22.87	23.50	1.156	0.022	-2.28	0.025	1.6	/
Bottom	133322/683.0	QPSK	22.87	23.50	1.156	0.194	1.76	0.224	1.6	/
Edge 0	133322/683.0	QPSK	22.87	23.50	1.156	0.203	-0.55	0.235	1.6	/
Front Upward	133322/673.0	QPSK	22.83	23.50	1.167	0.551	2.16	0.643	1.6	/
Front Upward	133323/688.0	QPSK	23.08	23.50	1.102	0.567	0.50	0.625	1.6	15
ANT 0/50RB#0										
Front Upward	133322/683.0	QPSK	21.88	22.50	1.153	0.426	-0.28	0.491	1.6	/
Back Upward	133322/683.0	QPSK	21.88	22.50	1.153	0.376	-2.31	0.434	1.6	/
Left	133322/683.0	QPSK	21.88	22.50	1.153	0.105	1.04	0.121	1.6	/
Right	133322/683.0	QPSK	21.88	22.50	1.153	0.124	0.47	0.143	1.6	/
Top	133322/683.0	QPSK	21.88	22.50	1.153	0.017	1.08	0.020	1.6	/
Bottom	133322/683.0	QPSK	21.88	22.50	1.153	0.147	0.62	0.169	1.6	/
Edge 0	133322/683.0	QPSK	21.88	22.50	1.153	0.156	-0.84	0.180	1.6	/
Front Upward	133322/673.0	QPSK	21.93	22.50	1.140	0.405	0.35	0.462	1.6	/
Front Upward	133323/688.0	QPSK	21.86	22.50	1.159	0.431	1.98	0.500	1.6	/

**Results overview of WIFI 2.4G**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 2										
Front Upward	6/2437.0	802.11b	10.23	10.50	1.064	0.304	0.33	0.323	1.6	16
Back Upward	6/2437.0	802.11b	10.23	10.50	1.064	0.113	0.28	0.120	1.6	/
Left	6/2437.0	802.11b	10.23	10.50	1.064	0.051	-1.47	0.054	1.6	/
Right	6/2437.0	802.11b	10.23	10.50	1.064	<0.001	/	<0.001	1.6	/
Top	6/2437.0	802.11b	10.23	10.50	1.064	<0.001	/	<0.001	1.6	/
Bottom	6/2437.0	802.11b	10.23	10.50	1.064	0.034	-0.82	0.036	1.6	/
Edge 2	6/2437.0	802.11b	10.23	10.50	1.064	0.261	1.59	0.278	1.6	/
Front Upward	1/2412.0	802.11b	10.77	11.50	1.183	0.274	1.49	0.324	1.6	/
Front Upward	11/2462.0	802.11b	11.31	12.00	1.172	0.297	-0.81	0.348	1.6	/

Results overview of WIFI 5G U-NII 1

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 2										
Front Upward	44/5200.0	802.11a	9.70	10.00	1.072	0.238	0.49	0.255	1.6	/
Back Upward	44/5200.0	802.11a	9.70	10.00	1.072	0.115	-2.07	0.123	1.6	/
Left	44/5200.0	802.11a	9.70	10.00	1.072	0.046	1.53	0.049	1.6	/
Right	44/5200.0	802.11a	9.70	10.00	1.072	<0.001	/	<0.001	1.6	/
Top	44/5200.0	802.11a	9.70	10.00	1.072	<0.001	/	<0.001	1.6	/
Bottom	44/5200.0	802.11a	9.70	10.00	1.072	0.029	1.49	0.031	1.6	/
Edge 2	44/5200.0	802.11a	9.70	10.00	1.072	0.408	0.82	0.437	1.6	/
Edge 2	36/5180.0	802.11a	9.89	10.50	1.151	0.384	-1.82	0.442	1.6	/
Edge 2	48/5240.0	802.11a	9.29	10.00	1.178	0.420	-0.14	0.495	1.6	17

**Results overview of WIFI 5G U-NII 3**

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 2										
Front Upward	157/5785.0	802.11a	9.29	10.00	1.178	0.390	-2.16	0.459	1.6	/
Back Upward	157/5785.0	802.11a	9.29	10.00	1.178	0.097	0.83	0.114	1.6	/
Left	157/5785.0	802.11a	9.29	10.00	1.178	0.037	-0.39	0.044	1.6	/
Right	157/5785.0	802.11a	9.29	10.00	1.178	<0.001	/	<0.001	1.6	/
Top	157/5785.0	802.11a	9.29	10.00	1.178	<0.001	/	<0.001	1.6	/
Bottom	157/5785.0	802.11a	9.29	10.00	1.178	0.180	-1.42	0.212	1.6	/
Edge 2	157/5785.0	802.11a	9.29	10.00	1.178	0.467	-0.46	0.550	1.6	18
Edge 2	149/5745.0	802.11a	9.51	10.00	1.119	0.454	0.53	0.508	1.6	/
Edge 2	165/5825.0	802.11a	9.16	9.50	1.081	0.433	0.31	0.468	1.6	/

Results overview of Bluetooth

Body-worn & Hotspot(5mm)	Channel /Frequency	Mode	Measured Power (dBm)	Tune-up Limit (dBm)	Scaling Factor	Measured SAR1g (W/kg)	Power Drift (dB)	Reported SAR1g (W/kg)	Limit (W/kg)	Plot No
ANT 2										
Front Upward	39/2441.0	GFSK	-0.57	0.00	1.140	0.024	0.82	0.027	1.6	/
Back Upward	39/2441.0	GFSK	-0.57	0.00	1.140	0.016	-1.07	0.018	1.6	/
Left	39/2441.0	GFSK	-0.57	0.00	1.140	0.009	0.59	0.010	1.6	/
Right	39/2441.0	GFSK	-0.57	0.00	1.140	<0.001	/	<0.001	1.6	/
Top	39/2441.0	GFSK	-0.57	0.00	1.140	<0.001	/	<0.001	1.6	/
Bottom	39/2441.0	GFSK	-0.57	0.00	1.140	<0.001	/	<0.001	1.6	/
Edge 2	39/2441.0	GFSK	-0.57	0.00	1.140	0.018	1.49	0.021	1.6	/
Front Upward	0/2402.0	GFSK	0.66	1.00	1.081	0.025	0.93	0.027	1.6	/
Front Upward	78/2480.0	GFSK	6.67	7.00	1.079	0.046	2.23	0.050	1.6	19

Note:

- The maximum SAR value of each test band is marked bold.
- When the 1-g SAR for the mid-band channel or the channel with the highest output power satisfy the following conditions, testing of the other channels in the band is not required. (Per KDB 447498 D01 General RF Exposure Guidance v06)
 - ≤ 0.8 W/kg, when the transmission band is ≤ 100 MHz
 - ≤ 0.6 W/kg, when the transmission band is between 100 MHz and 200 MHz
 - ≤ 0.4 W/kg, when the transmission band is ≥ 200 MHz

3. *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show “<0.001 W/Kg” in the report.

10. Simultaneous Transmissions Analysis

Localized Specific Absorption Rate (SAR) of this portable wireless device has been measured in all cases requested by the relevant standards cited in Clause 6 of this report. Maximum localized SAR is **below** exposure limits specified in the relevant standards.

Simultaneous SAR

No.	Transmitter Combinations	Body	Hotspot
1	WWAN + WLAN 2.4GHz	Support	Support
2	WWAN + WLAN 5GHz U-NII 1/ WLAN 5GHz U-NII 3	Support	Support
4	WWAN+ Bluetooth	Support	Support

Note:

1. The NR band and EN-DC mode base on FTM mode, seting the NR Band at The most conservative full power to test.
2. EUT will choose each GSM, WCDMA, LTE according to the network signal condition; therefore, they will not operate simultaneously at any moment.
3. The reported SAR summation is calculated based on the same configuration and test position.



Simultaneous Tx Combination of GSM/WCDMA/LTE/NR and Bluetooth/WIFI (Body-worn).

Test Position		Front	Back	Left	Right	Top	Bottom	Edge 0	Edge 1	Edge 2
Body MAX 1-g SAR(W/Kg) 5mm distance	WCDMA 850 ANT 1	0.390	0.291	/	/	/	/	/	/	/
	WCDMA 1700 ANT 1	0.414	0.646	/	/	/	/	/	/	/
	WCDMA 1900 ANT 0	0.377	0.951	/	/	/	/	/	/	/
	LTE Band 2 ANT 0	0.611	0.892	/	/	/	/	/	/	/
	LTE Band 4 ANT 1	0.532	0.237	/	/	/	/	/	/	/
	LTE Band 5 ANT 1	0.920	0.713	/	/	/	/	/	/	/
	LTE Band 7 ANT 0	0.730	0.774	/	/	/	/	/	/	/
	LTE Band 12 ANT 0	0.798	0.483	/	/	/	/	/	/	/
	LTE Band 13 ANT 0	0.615	0.394	/	/	/	/	/	/	/
	LTE Band 17 ANT 0	0.741	0.467	/	/	/	/	/	/	/
	LTE Band 25 ANT 0	0.651	1.017	/	/	/	/	/	/	/
	LTE Band 26 ANT 1	0.904	0.692	/	/	/	/	/	/	/
	LTE Band 41 ANT 0	0.881	0.793	/	/	/	/	/	/	/
	LTE Band 66 ANT 1	0.540	0.430	/	/	/	/	/	/	/
	LTE Band 71 ANT 0	0.643	0.576	/	/	/	/	/	/	/
	WIFI 2.4G ANT 2	0.348	0.120	/	/	/	/	/	/	/
	WIFI 5G U-NII 1 ANT 2	0.255	0.123	/	/	/	/	/	/	/
	WIFI 5G U-NII 3 ANT 2	0.459	0.114	/	/	/	/	/	/	/
	Bluetooth ANT 2	0.050	0.018	/	/	/	/	/	/	/
WWAN MAX SAR		0.920	1.017	/	/	/	/	/	/	/



WIFI/Bluetooth MAX SAR	0.459	0.123	/	/	/	/	/	/	/
Max Simultaneous Σ 1-g SAR(W/Kg) (WIFI/Bluetooth MAX SAR +WWAN ANT MAX SAR)	1.379	1.140	/	/	/	/	/	/	/



Simultaneous Tx Combination of GSM/WCDMA/LTE/NR and WIFI (Hotspot).

Test Position		Front	Back	Left	Right	Top	Bottom	Edge 0	Edge 1	Edge 2
Hotspot MAX 1-g SAR(W/Kg) 5mm distance	WCDMA 850 ANT 1	0.390	0.291	0.072	0.094	0.109	0.007	/	0.072	/
	WCDMA 1700 ANT 1	0.414	0.646	0.086	0.101	0.009	0.120	/	0.166	/
	WCDMA 1900 ANT 0	0.377	0.951	0.055	0.080	0.006	0.087	0.129	/	/
	LTE Band 2 ANT 0	0.611	0.892	0.281	0.200	0.019	0.374	0.515	/	/
	LTE Band 4 ANT 1	0.532	0.237	0.052	0.212	0.193	0.032	/	0.662	/
	LTE Band 5 ANT 1	0.920	0.713	0.090	0.369	0.340	0.055	/	0.325	/
	LTE Band 7 ANT 0	0.730	0.774	0.182	0.244	0.055	0.373	0.497	/	/
	LTE Band 12 ANT 0	0.798	0.483	0.120	0.175	0.032	0.329	0.329	/	/
	LTE Band 13 ANT 0	0.615	0.394	0.066	0.110	0.014	0.168	0.262	/	/
	LTE Band 17 ANT 0	0.741	0.467	0.064	0.090	0.011	0.139	0.177	/	/
	LTE Band 25 ANT 0	0.651	1.017	0.190	0.245	0.044	0.378	0.491	/	/
	LTE Band 26 ANT 1	0.904	0.692	0.064	0.242	0.204	0.041	/	0.297	/
	LTE Band 41 ANT 0	0.881	0.793	0.175	0.202	0.034	0.213	0.788	/	/
	LTE Band 66 ANT 1	0.540	0.430	0.118	0.230	0.204	0.101	/	0.874	/
	LTE Band 71 ANT 0	0.643	0.576	0.161	0.190	0.025	0.224	0.235	/	/
	WIFI 2.4G ANT 2	0.348	0.120	0.054	/	/	0.036	/	/	0.278
	WIFI 5G U-NII 1 ANT 2	0.255	0.123	0.049	/	/	0.031	/	/	0.495
	WIFI 5G U-NII 3 ANT 2	0.459	0.114	0.044	/	/	0.212	/	/	0.550
	Bluetooth ANT 2	0.050	0.018	0.010	/	/	/	/	/	0.021
WWAN MAX SAR		0.920	1.017	0.281	0.369	0.340	0.378	0.788	0.874	0.000



WIFI/Bluetooth MAX SAR	0.459	0.123	0.054	0.000	0.000	0.212	0.000	0.000	0.550
Max Simultaneous Σ1-g SAR(W/Kg) (WIFI/Bluetooth MAX SAR +WWAN ANT MAX SAR)	1.379	1.140	0.335	0.369	0.340	0.590	0.788	0.874	0.550

SAR to Peak Location Separation Ratio (SPLSR)

As the Sum of the SAR is not greater than1.6 W/kg SPLSR assessment is not required

11.Measurement Uncertainty

COMOSAR SAR measurement uncertainty

Ambiente temperature: 18-25 °C & $\Delta T \leq 2$ °C

Humidity: 30-70%

Frequency range: 150MHz-7500MHz

Symbol	Input quantity Xi (source of uncertainty)	PDF _i	Unc. a(x _i) [±%]	Div. q _i	u(x _i)= a(x _i)/q _i	c _i 1g	c _i 10 g	u(y)= c _i *u(x _i) 1g [± %]	u(y)= c _i *u(x _i) 10g [± %]	v _i	Frequency range [MHz]
Measurement System errors											
CF	Probe calibration	N (k=2)	11.00 14.00	2.00	5.50 7.00	1.00	1.00	5.50 7.00	5.50 7.00	∞	150-450 600-7500
CF _{drift}	Probe calibration drift	R	2.30 4.00	1.73	1.33 2.31	1.00	1.00	1.33 2.31	1.33 2.31	∞	150-450 600-7500
LIN	Probe linearity	R	4.70	1.73	2.71	1.00	1.00	2.71	2.71	∞	150-7500
	Detection limit	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
BBS	Broadband signal	R	0.00	1.73	0.00	1.00	1.00	0.00	0.00	∞	
ISO	Axial Isotropy	R	3.50	1.73	2.02	0.71	0.71	1.43	1.43	∞	
	Hemispherical Isotropy	R	5.90	1.73	3.41	0.71	0.71	2.41	2.41	∞	
DAE	Boundary effect	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
	Integration time	R	1.40	1.73	0.81	1.00	1.00	0.81	0.81	∞	
	Response time	R	0.00	1.73	0.00	1.00	1.00	0.00	0.00	∞	
	Readout electronics	N	0.50	1.00	0.50	1.00	1.00	0.50	0.50	∞	
AMB	Noise	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
	Reflections	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
Δ _{xyz}	Positioner Mechanical Tolerance	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>6000 & ≤10000
	Positioning with respect to PhantomShell	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
DAT	Data processing errors	R	2.30	1.73	1.33	1.00	1.00	1.33	1.33	∞	150-7500
Phanom and Dipoles erros											
LIQ(σ,ε)	Conductivity measurement	N	4.07	1.00	4.07	0.79	0.77	3.22	3.13	9	150-7500
	Permittivity measurement	N	5.06	1.00	5.06	0.23	0.26	1.16	1.32	9	
LIQ(T _d)	Liquid Conductivity - Temperature Uncertainty	R	2.50	1.73	1.44	0.79	0.77	1.14	1.11	∞	
	Liquid Permittivity - Temperature Uncertainty	R	2.50	1.73	1.44	0.23	0.26	0.33	0.38	∞	
EPS	Shell permittivity	R	2.90 2.90 2.90	1.73	1.67	0.00 0.25 0.50	0.00 0.25 0.50	0.00 0.42 0.84	0.00 0.42 0.84	∞	≥150 & ≤3000 >3000 & ≤6000 >6000 & ≤10000
DIS	Distance between the radiating element of the DUT and the phantom medium	N	2.70 2.70 3.20	1.00	2.70	2.00	2.00	5.40	5.40	∞	≥150 & ≤3000 >3000 & ≤6000 >6000 & ≤10000
D _{xyz}	Repeatability of positioning the DUT or source against the phantom	N	2.60	1.00	2.60	1.00	1.00	2.60	2.60	13	150-7500
H	Device holder effects	N	3.00	1.00	3.00	1.00	1.00	3.00	3.00	23	
MOD	Effect of operating mode on probe sensitivity	R	8.20	1.73	4.73	1.00	1.00	4.73	4.73	∞	



RF_{drift}	Variation in SAR due to drift in output of DUT	R	5.00	1.73	2.89	1.00	1.00	2.89	2.89		
Corrections to the SAR result											
C(ε',σ)	Phantom deviation from target (ε',σ)	N	1.90	1.00	1.90	1.00	1.00	1.90	1.90		150-7500
C(R)	SAR scaling	R	5.00	1.73	2.89	1.00	1.00	2.89	2.89		
u(ΔSAR)	Combined uncertainty							12.54	12.53		150-450
								13.40	13.40		≥600 & ≤3000
								13.44	13.43		>3000 & ≤6000
								13.89	13.88		>6000 & ≤7500
U	Expanded uncertainty (95% confidence interval)							25.08	25.07		150-450
								26.80	26.79		≥600 & ≤3000
								26.87	26.86		>3000 & ≤6000
								27.77	27.76		>6000 & ≤7500

12. System Check Uncertainty

COMOSAR System validation uncertainty

Ambiente temperature: 18-25 °C & $\Delta T \leq 2$ °C

Humidity: 30-70%

Frequency range: 150MHz-7500MHz

Symbol	Input quantity Xi (source of uncertainty)	PDF _i	Unc. a(x _i) [±%]	Div. q _i	u(x _i)= a(x _i)/q _i	c _i 1g	c _i 10 g	u(y)= c _i *u(x _i) 1g [± %]	u(y)= c _i *u(x _i) 10g [± %]	v _i	Frequency range [MHz]
Measurement System errors											
CF	Probe calibration	N (k=2)	11.00 14.00	2.00 2.00	5.50 7.00	1.00 1.00	1.00 1.00	5.50 7.00	5.50 7.00	∞ ∞	150-450 600-7500
CF _{drift}	Probe calibration drift	R	2.30 4.00	1.73 1.73	1.33 2.31	1.00 1.00	1.00 1.00	1.33 2.31	1.33 2.31	∞ ∞	150-450 600-7500
LIN	Probe linearity	R	4.70	1.73	2.71	1.00	1.00	2.71	2.71	∞	150-7500
	Detection limit	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
ISO	Axial Isotropy	R	3.50	1.73	2.02	0.71	0.71	1.43	1.43	∞	
	Hemispherical Isotropy	R	5.90	1.73	3.41	0.71	0.71	2.41	2.41	∞	
DAE	Boundary effect	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
	Integration time	R	1.40	1.73	0.81	1.00	1.00	0.81	0.81	∞	
	Response time	R	0.00	1.73	0.00	1.00	1.00	0.00	0.00	∞	
	Readout electronics	N	0.50	1.00	0.50	1.00	1.00	0.50	0.50	∞	
AMB	Noise	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
	Reflections	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
Δ _{xyz}	Positioner Mechanical Tolerance	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>6000 & ≤10000
	Positioning with respect to PhantomShell	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>6000 & ≤10000
DAT	Data processing errors	R	2.30	1.73	1.33	1.00	1.00	1.33	1.33	∞	150-7500
Phanom and Dipoles erros											
LIQ(σ,ε)	Conductivity measurement	N	4.07	1.00	4.07	0.79	0.77	3.22	3.13	9	150-7500
	Permitivity measurement	N	5.06	1.00	5.06	0.23	0.26	1.16	1.32	9	
LIQ(T _c)	Liquid Conductivity - Temperature Uncertainty	R	2.50	1.73	1.44	0.79	0.77	1.14	1.11	∞	
	Liquid Permittivity - Temperature Uncertainty	R	2.50	1.73	1.44	0.23	0.26	0.33	0.38	∞	
EPS	Shell permittivity	R	2.90	1.73	1.67	0.00	0.00	0.00	0.00	∞	≥150 & ≤3000
			2.90	1.73	1.67	0.25	0.25	0.42	0.42	∞	>3000 & ≤6000
			2.90	1.73	1.67	0.50	0.50	0.84	0.84	∞	>6000 & ≤10000
DIS	Distance between the radiating element of the DUT and the phantom medium	N	2.70	1.00	2.70	2.00	2.00	5.40	5.40	∞	≥150 & ≤3000
			2.70	1.00	2.70	2.00	2.00	5.40	5.40	∞	>3000 & ≤6000
			3.20	1.00	3.20	2.00	2.00	6.40	6.40	∞	>6000 & ≤10000
VAL	Deviation of experimental antennas	N	10.00	1.73	5.77	1.00	1.00	5.77	5.77		
	Other uncertainty contributions	R	2.00	1.00	2.00	1.00	1.00	2.00	2.00		
P _{in}	Uncertainty in accepted power	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73		
Corrections to the SAR result											
C(ε',σ)	Phantom deviation from target (ε',σ)	N	1.90	1.00	1.90	1.00	1.00	1.90	1.90		150-7500
u(ΔSAR)	Combined uncertainty							11.95	11.94		150-450



		12.85	12.84		≥600 & ≤3000
		12.89	12.88		>3000 & ≤6000
		13.35	13.35		>6000 & ≤7500
U	Expanded uncertainty (95% confidence interval)	23.90	23.88		150-450
		25.70	25.69		≥600 & ≤3000
		25.77	25.76		>3000 & ≤6000
		26.71	26.70		>6000 & ≤7500



ANNEX A: Appendix A: SAR System performance Check Plots

(Please See Appendix A)

ANNEX B: Appendix B: SAR Measurement results Plots

(Please See Appendix B)

ANNEX C: Appendix C: Calibration reports

(Please See Appendix C)

ANNEX D: Appendix D: SAR Test Setup

(Please See Appendix D)

—End of the Report—