

TEST REPORT

Applicant: UROVO PTE. LIMITED
Address: 1 Raffles Place, #21-01 One Raffles Place Tower 1,
Singapore 048616
Equipment Type: Mobile Data Terminal
Model Name: DT630 (refer to section 2.3)
Brand Name: UROVO
FCC ID: 2BQURDT630
Test Standard: FCC 47 CFR Part 2.1093
(refer to section 3.1)
Maximum SAR: Head (1 g@0mm): 0.62 W/kg
Body-worn (1 g@10mm): 0.74 W/kg
Extremity (10 g@0mm): 1.69 W/kg
Sample Arrival Date: Dec. 23, 2025
Test Date: Jan. 15, 2026 - Mar. 07, 2026
Date of Issue: Apr. 01, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Zhang Jiwei*Zhang Jiwei***Checked by:** Xu Rui*Xu Rui***Approved by:** Tolan Tu
(Testing Director)*Tolan Tu*

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Apr. 01, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong Province, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

1.3 Test Environment Condition

Ambient Temperature	18°C to 25°C
Ambient Relative Humidity	30% to 70%

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	UROVO PTE. LIMITED
Address	1 Raffles Place, #21-01 One Raffles Place Tower 1, Singapore 048616

2.2 Manufacturer Information

Manufacturer	UROVO PTE. LIMITED
Address	1 Raffles Place, #21-01 One Raffles Place Tower 1, Singapore 048616

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Data Terminal
Model Name Under Test	DT630
Series Model Name	DT630S, DT630M, DT630C, DT630 Pro, DT630H, DT630HC, DT630U, DT630G, DT630D, DT630P, DT630R, DT630 Lite
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the applicant)
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	N/A
	Model No.	HB45DT630
	Serial No.	N/A
	Capacity	4500 mAh
	Rated Voltage	3.88 V
	Limit Charge Voltage	4.47 V
	Manufacturer	Hunan Gaoyuan Battery Co., Ltd.

2.5 Technical Information

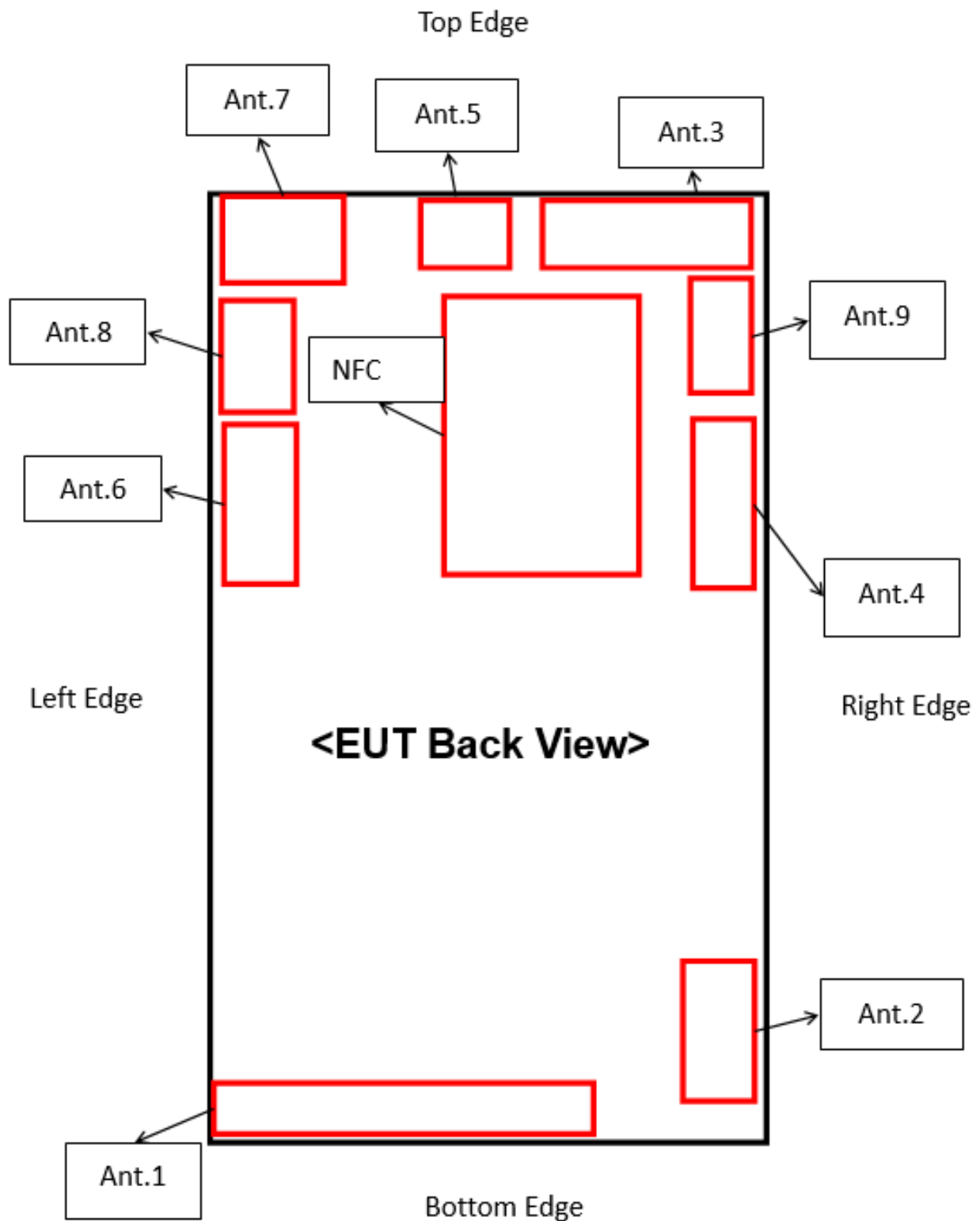
Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/13/17/26/66/71 TDD LTE Band 38/41/42/43 5G Network SA: NR n2/n5/n7/n26/n38/n41/n66/n71/n77/n78 NSA(EN-DC): DC_2A_n5A, DC_2A_n77A, DC_4A_n5A, DC_4A_n78A, DC_5A_n66A, DC_5A_n77A, DC_12A_n77A, DC_26A_n77A, DC_41A_n77A, DC_66A_n77A Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax GPS, GLONASS, BDS, Galileo, NFC, RFID
Note: The EUT is a Mobile Data Terminal, which supports dual SIM card under the same transceiver. Each SIM supports WCDMA, LTE and NR, and both SIM share the same transmitting electro circuit, NV parameters, so only SIM1 was tested in this report.	

The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	GSM, WCDMA, LTE, NR, 2.4G WIFI, 5G WIFI, Bluetooth, NFC, RFID		
Frequency Range	GSM 850	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	GSM 1900	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	LTE Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2115 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	LTE Band 13	TX: 777 ~ 787 MHz	RX: 746 ~ 756 MHz
	LTE Band 17	TX: 704 ~ 716 MHz	RX: 734 ~ 746 MHz
	LTE Band 26	TX: 814 ~ 824 MHz	RX: 859 ~ 869 MHz
		TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	LTE Band 41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	LTE Band 42	TX: 3450 ~ 3550 MHz	RX: 3450 ~ 3550 MHz
	LTE Band 43	TX: 3700 ~ 3800 MHz	RX: 3700 ~ 3800 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2180 MHz
	LTE Band 71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	NR n2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	NR n5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	NR n7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	NR n26	TX: 814 ~ 824 MHz	RX: 859 ~ 869 MHz
		TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz

	NR n38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	NR n41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	NR n66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2180 MHz
	NR n71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	NR n77	TX: 3450 ~ 3550 MHz	RX: 3450 ~ 3550 MHz
		TX: 3700 ~ 3980 MHz	RX: 3700 ~ 3980 MHz
	NR n78	TX: 3450 ~ 3550 MHz	RX: 3450 ~ 3550 MHz
		TX: 3700 ~ 3800 MHz	RX: 3700 ~ 3800 MHz
	802.11b/g	2412 ~ 2462 MHz	
	802.11n(HT20/HT40)	2412 ~ 2462 MHz	
	802.11ax(HE20/HE40)	2412 ~ 2462 MHz	
	802.11a	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	802.11n(HT20/HT40)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	802.11ac (VHT20/VHT40/VHT80)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	802.11ax (HE20/HE40/HE80)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	Bluetooth	2402 ~ 2480 MHz	
	NFC	13.56 MHz	
	RFID	902.75 ~ 927.25 MHz	
Antenna Type	WWAN	PIFA Antenna	
	WIFI	PIFA Antenna	
	Bluetooth	PIFA Antenna	
	NFC	Coil Antenna	
	RFID	PIFA Antenna	
DTM	N/A		
Hotspot Function	Support		
Power Reduction	Not Support		
Exposure Category	General Population/Uncontrolled exposure		
Product Type	Portable Device		
EUT Type	☒ Production unit	☐ Identical prototype	

2.6 Antenna Location



Antenna	Description	Support Bands
Antenna 1	2/3/4/5G TX Antenna	GSM 850 WCDMA Band 5 LTE Band 5/12/13/17/26/71 NR n5/26/71
Antenna 2	4/5G TX Antenna	LTE Band 7/38/41 NR n7/38/41
Antenna 3	RFID TX Antenna	RFID
Antenna 4	2/3/4/5G TX Antenna	GSM 1900 WCDMA Band 2/4 LTE Band 2/4/66 NR n2/66
Antenna 5	4/5G TX Antenna	LTE Band 42/43 NR n77/78
Antenna 6	4/5G RX Antenna	/
Antenna 7	WLAN 2.4G TX Antenna Bluetooth TX Antenna	2.4G WLAN Bluetooth
Antenna 8	WLAN 5G TX Antenna	5G WLAN
Antenna 9	WLAN 2.4G TX Antenna WLAN 5G TX Antenna	2.4G WLAN 5G WLAN

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2.1093	Radiofrequency radiation exposure evaluation: portable devices
2	ANSI/IEEE C95.1-1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
3	IEEE Std. 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
4	KDB 447498 D04 v01	447498 D04 Interim General RF Exposure Guidance v01
5	KDB 941225 D01 v03r01	3G SAR MEAUREMENT PROCEDURES
6	KDB 941225 D05 v02r05	SAR Evaluation Considerations for LTE Devices
7	KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
8	KDB 865664 D02 v01r02	RF Exposure Reporting
9	KDB 248227 D01 v02r02	SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS

3.2 Device Category and SAR Limit

This device belongs to portable device category because its radiating structure is allowed to be used within 20 centimeters of the body of the user.

Limit for General Population/Uncontrolled exposure should be applied for this device, it is 1.6 W/kg as averaged over any 1 gram of tissue.

Table of Exposure Limits:

Body Position	SAR Value (W/Kg)	
	General Population/ Uncontrolled Exposure	Occupational/ Controlled Exposure
Whole-Body SAR (averaged over the entire body)	0.08	0.4
Partial-Body SAR (averaged over any 1 gram of tissue)	1.60	8.0
SAR for hands, wrists, feet and ankles (averaged over any 10 grams of tissue)	4.0	20.0

NOTE:

General Population/Uncontrolled Exposure: Locations where there is the exposure of individuals who have no knowledge or control of their exposure. General population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

Occupational/Controlled Exposure: Locations where there is exposure that may be incurred by persons who are aware of the potential for exposure. In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

3.3 Test Result Summary

3.3.1 Highest SAR Values

Equipment Class	Band	Maximum Scaled SAR (W/kg)			Maximum Report SAR (W/kg)		
		Head	Body	Extremity	Head	Body	Extremity
		(0mm)	(10mm)	(0mm)	(0mm)	(10mm)	(0mm)
		1g SAR		10g SAR	1g SAR		10g SAR
PCB	GSM 850	0.16	0.52	0.70	0.62	0.74	1.69
	GSM 1900	0.30	0.30	1.13			
	WCDMA Band 2	0.39	0.47	1.31			
	WCDMA Band 4	0.44	0.59	1.27			
	WCDMA Band 5	0.07	0.32	0.34			
	LTE Band 2	0.21	0.23	0.63			
	LTE Band 4	0.35	0.38	0.88			
	LTE Band 5	0.19	0.68	0.84			
	LTE Band 7	0.20	0.18	0.32			
	LTE Band 12	0.16	0.37	0.62			
	LTE Band 13	0.12	0.41	0.66			
	LTE Band 17	0.16	0.36	0.63			
	LTE Band 26	0.21	0.74	0.83			
	LTE Band 66	0.36	0.42	0.93			
	LTE Band 71	0.14	0.32	0.61			
	LTE Band 38	0.14	0.14	0.32			
	LTE Band 41	0.16	0.12	0.35			
	LTE Band 42	0.26	0.10	0.26			
	LTE Band 43	0.20	0.12	0.21			
	NR Band 2	0.62	0.31	1.16			
	NR Band 5	0.14	0.72	0.78			
	NR Band 7	0.26	0.15	0.51			
	NR Band 26	0.14	0.71	0.82			
	NR Band 66	0.52	0.25	0.70			
	NR Band 71	0.08	0.38	0.61			
	NR Band 38	0.26	0.31	0.99			
	NR Band 41	0.14	0.38	1.19			
	NR Band 77	0.29	0.06	0.79			
	NR Band 78	0.18	0.05	0.65			
DTS	2.4G WIFI	0.44	0.30	0.44			
NII	5.3G WIFI	0.02	0.19	0.88			
	5.6G WIFI	0.03	0.05	0.68			
	5.8G WIFI	0.01	0.18	0.65			
DSS	Bluetooth	0.30	0.10	0.17			

RFID	UHF	/	/	1.69			
Limit (W/kg)		1.60		4.00	1.60		4.00
Verdict		Pass					

3.3.2 Highest Simultaneous Transmission SAR Values

Equipment Class	Maximum Simultaneous Transmission SAR		
	(W/kg)		
	Head 1g (0mm)	Body 1g (10mm)	Extremity 10g (0mm)
PCB	1.15	1.54	3.99
DTS	1.15	1.54	3.99
NII	1.15	1.54	3.99
DSS	0.89	1.39	3.87
Limit (W/Kg)	1.60		4.00
Verdict	Pass		
Note: The highest simultaneous SAR please refer section 11.			

3.4 Test Uncertainty

According to KDB 865664 D01, When the highest measured 1 g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis is not required in SAR reports submitted for equipment approval.

The maximum 1 g SAR for the EUT in this report is 0.74 W/kg, which is lower than 1.5 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.

The maximum 10 g SAR for the EUT in this report is 1.69 W/kg, which is lower than 3.75 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.

4 MEASUREMENT SYSTEM

4.1 Specific Absorption Rate (SAR) Definition

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 related to the electrical field in the tissue by

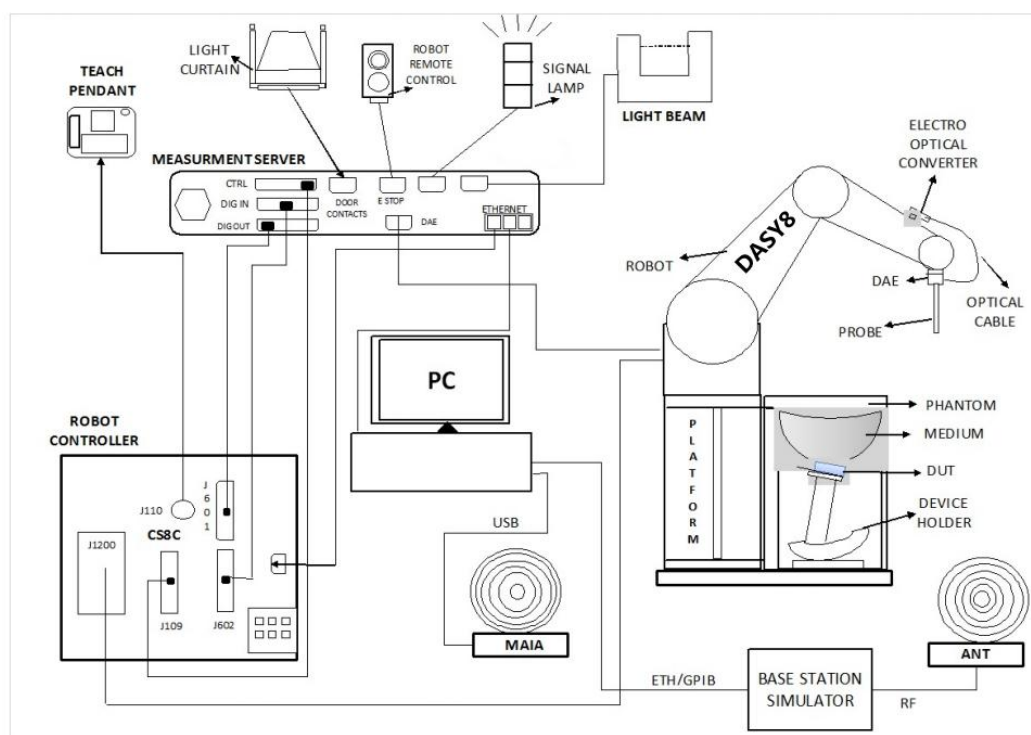
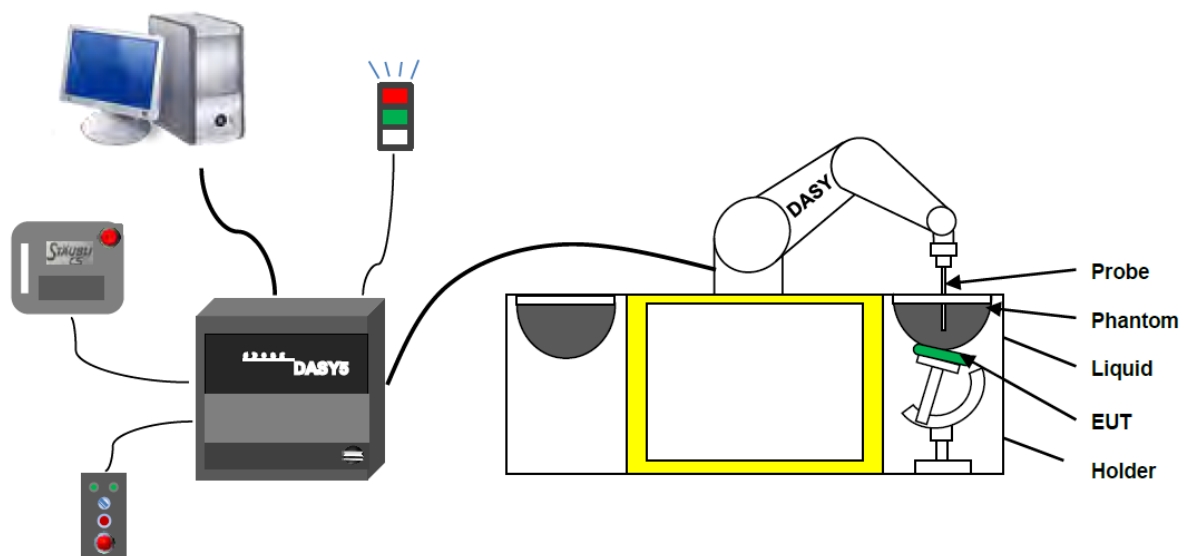
$$\text{SAR} = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,

ρ is the mass density of the tissue and E is the RMS electrical field strength.

4.2 DASY SAR System

4.2.1 DASY SAR System Diagram



The DASY system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is

battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

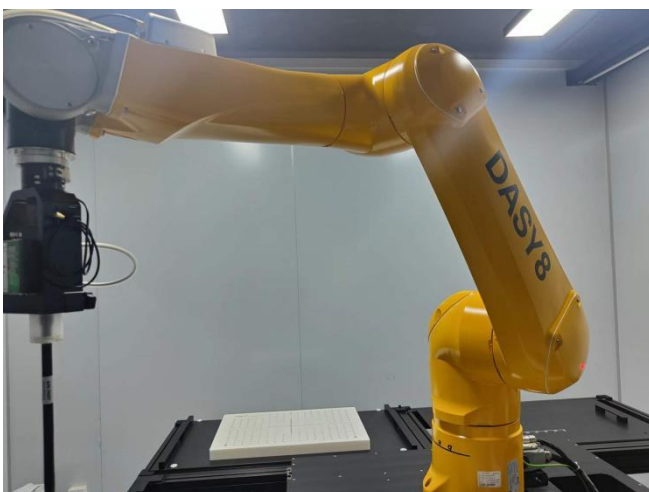
4. A unit to operate the optical surface detector which is connected to the EOC.
5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.
6. The DASY measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.
7. DASY5 software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

4.2.2 Robot

The Dasy SAR system uses the high precision robots. Symmetrical design with triangular core Built-in optical fiber for surface detection system For the 6-axis controller system, Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents). The robot series have many features that are important for our application:



- High precision
(repeatability ± 0.02 mm)
- High reliability
(industrial design)
- Low maintenance costs
(virtually maintenance free due to direct drive gears; no belt drives)
- Jerk-free straight movements
(brush less synchron motors; no stepper motors)
- Low ELF interference
(motor control _elds shielded via the closed metallic construction shields)



4.2.3 E-Field Probe

The probe is specially designed and calibrated for use in liquids with high permittivities for the measurements the Specific Dosimetric E-Field Probe EX3DV4 with following specifications is used.

Construction	Symmetrical design with triangular core Built-in optical fiber for surface detection system Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., glycolether)
Calibration	ISO/IEC 17025 calibration service available
Frequency	4 MHz to 10 GHz; Linearity: ± 0.2 dB
Directivity	± 0.2 dB in HSL (rotation around probe axis) ; ± 0.4 dB in HSL (rotation normal to probe axis)
Dynamic range	5 μ W/g to > 100 mW/g; Linearity: ± 0.2 dB
Dimensions	Overall length: 337 mm (Tip: 9 mm) Tip diameter: 2.5 mm (Body: 10 mm) Distance from probe tip to dipole centers: 1.0 mm
Application	General dosimetry up to 3 GHz Compliance tests of mobile phones Fast automatic scanning in arbitrary phantoms (EX3DV4)

E-Field Probe Calibration Process

Probe calibration is realized, in compliance with IEC/IEEE 62209-1528 and IEEE 1528 std, with CALISAR, Antennessa proprietary calibration system. The calibration is performed with the IEC/IEEE 62209-1528 annexe technique using reference guide at the five frequencies.

4.2.4 Data Acquisition Electronics

The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.



- Input Impedance: 200M Ω
- The Inputs: Symmetrical and Floating
- Commom Mode Rejection: Above 80dB

4.2.5 Phantoms

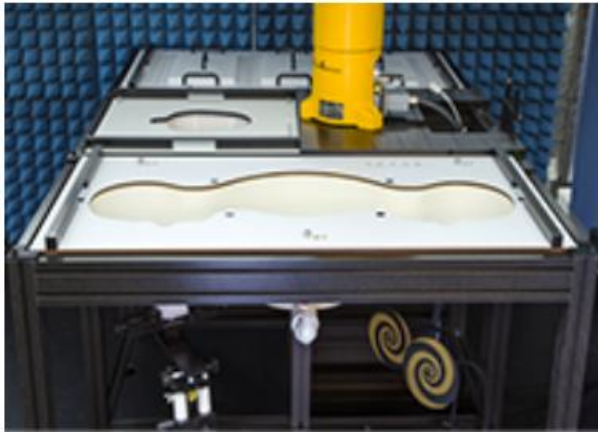
For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.



- Left head
- Right head
- Flat phantom



Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of below 10 GHz. ELI4 is fully compatible with the latest draft of the standard IEC 62209 Part II and all known tissue simulating liquids. ELI4 has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points.



• Flat phantom



4.2.6 Device Holder

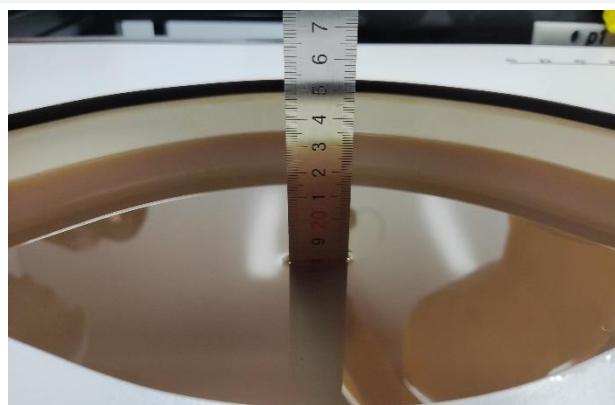
The DASY device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65° . The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. This device holder is used for standard mobile phones or PDA's only. If necessary an additional support of polystyrene material is used. Larger DUT's (e.g. notebooks) cannot be tested using this device holder. Instead a support of bigger polystyrene cubes and thin polystyrene plates is used to position the DUT in all relevant positions to find and measure spots with maximum SAR values. Therefore those devices are normally only tested at the flat part of the SAM.



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

4.2.7 Simulating Liquid

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 5%.

Head Liquid Depth**Body Liquid Depth**

The following table gives the recipes for tissue simulating liquid.

TSL	Manufacturer / Model	Freq Range (MHz)	Main Ingredients
Head WideBand	SPEAG HBBL600-10000V6	600-10000	Ethanediol, Sodium petroleum sulfonate, Hexylene Glycol / 2-Methyl-pentane-2.4-diol, Alkoxylated alcohol

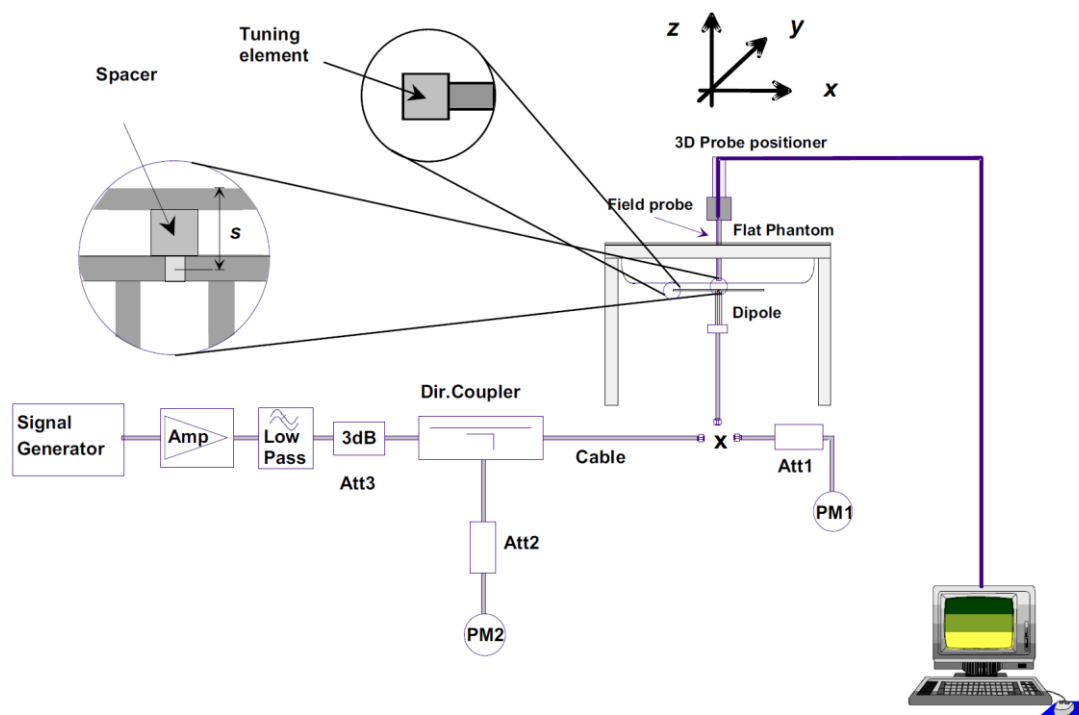
5 SYSTEM VERIFICATION

5.1 Purpose of System Check

The system performance check verifies that the system operates within its specifications. System and operator errors can be detected and corrected. It is recommended that the system performance check be performed prior to any usage of the system in order to guarantee reproducible results. The system performance check uses normal SAR measurements in a simplified setup with a well characterized source. This setup was selected to give a high sensitivity to all parameters that might fail or vary over time. The system check does not intend to replace the calibration of the components, but indicates situations where the system uncertainty is exceeded due to drift or failure.

5.2 System Check Setup

In the simplified setup for system evaluation, the EUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave that comes from a signal generator. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The equipment setup is shown below:



6 TEST POSITION CONFIGURATIONS

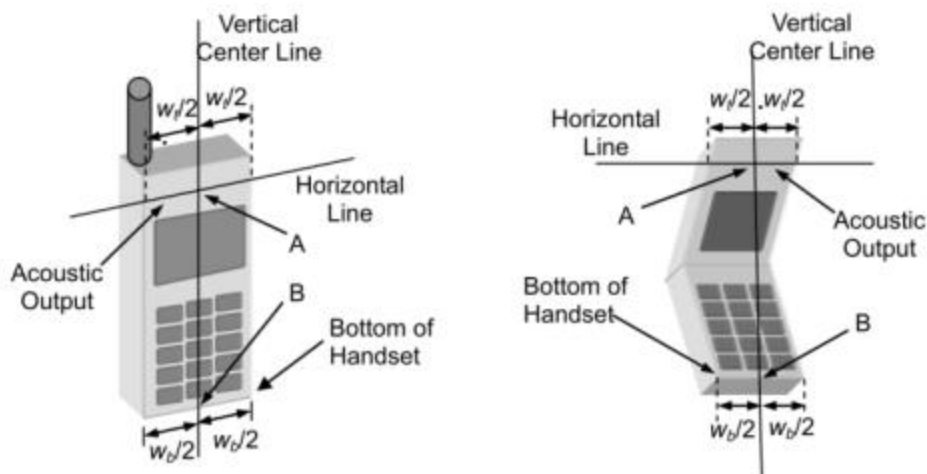
According to KDB 648474 D04 Handset, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

6.1 Head Exposure Conditions

Head exposure is limited to next to the ear voice mode operations. Head SAR compliance is tested according to the test positions defined in IEEE Std 1528-2013 using the SAM phantom illustrated as below.

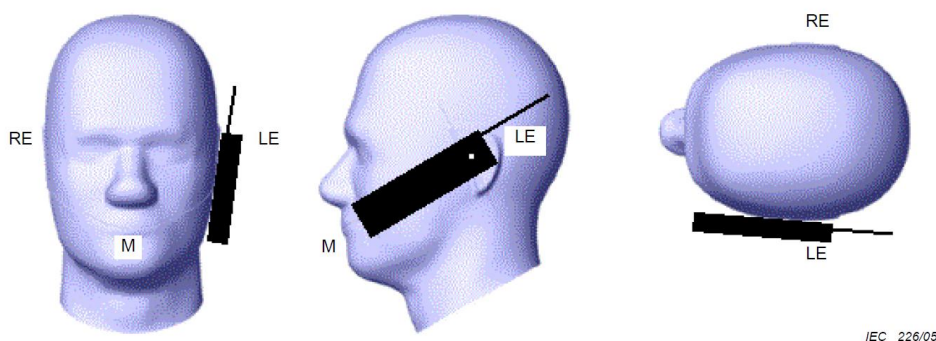
6.1.1 Two Imaginary Lines on the Handset

- The vertical center line passes through two points on the front side of the handset - the midpoint of the width w_t of the handset at the level of the acoustic output, and the midpoint of the width w_b of the bottom of the handset.
- The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical center line is not necessarily parallel to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



6.1.2 Cheek Position

- (a) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- (b) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.



6.1.3 Tilted Position

- (a) To position the device in the “cheek” position described above.
- (b) While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.

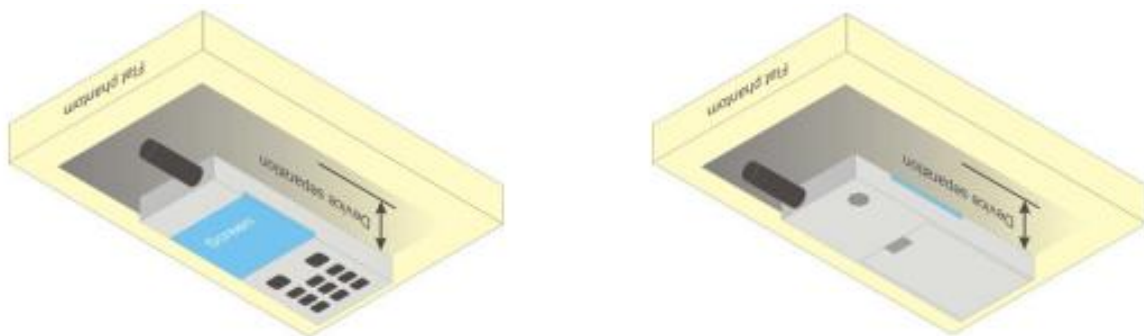


6.2 Body-worn Position Conditions

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB 447498 are used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode. When the reported SAR for a body-worn accessory.

Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics. All body-worn accessories containing metallic components are tested in conjunction with the host device.

Body-worn accessory SAR compliance is based on a single minimum test separation distance for all wireless and operating modes applicable to each body-worn accessory used by the host, and according to the relevant voice and/or data mode transmissions and operations. If a body-worn accessory supports voice only operations in its normal and expected use conditions, testing of data mode for body-worn compliance is not required. A conservative minimum test separation distance for supporting off-the-shelf body-worn accessories that may be acquired by users of consumer handsets is used to test for body-worn accessory SAR compliance. This distance is determined by the handset manufacturer, according to the requirements of Supplement C 01-01. Devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, will be tested using a conservative minimum test separation distance ≤ 5 mm to support compliance.



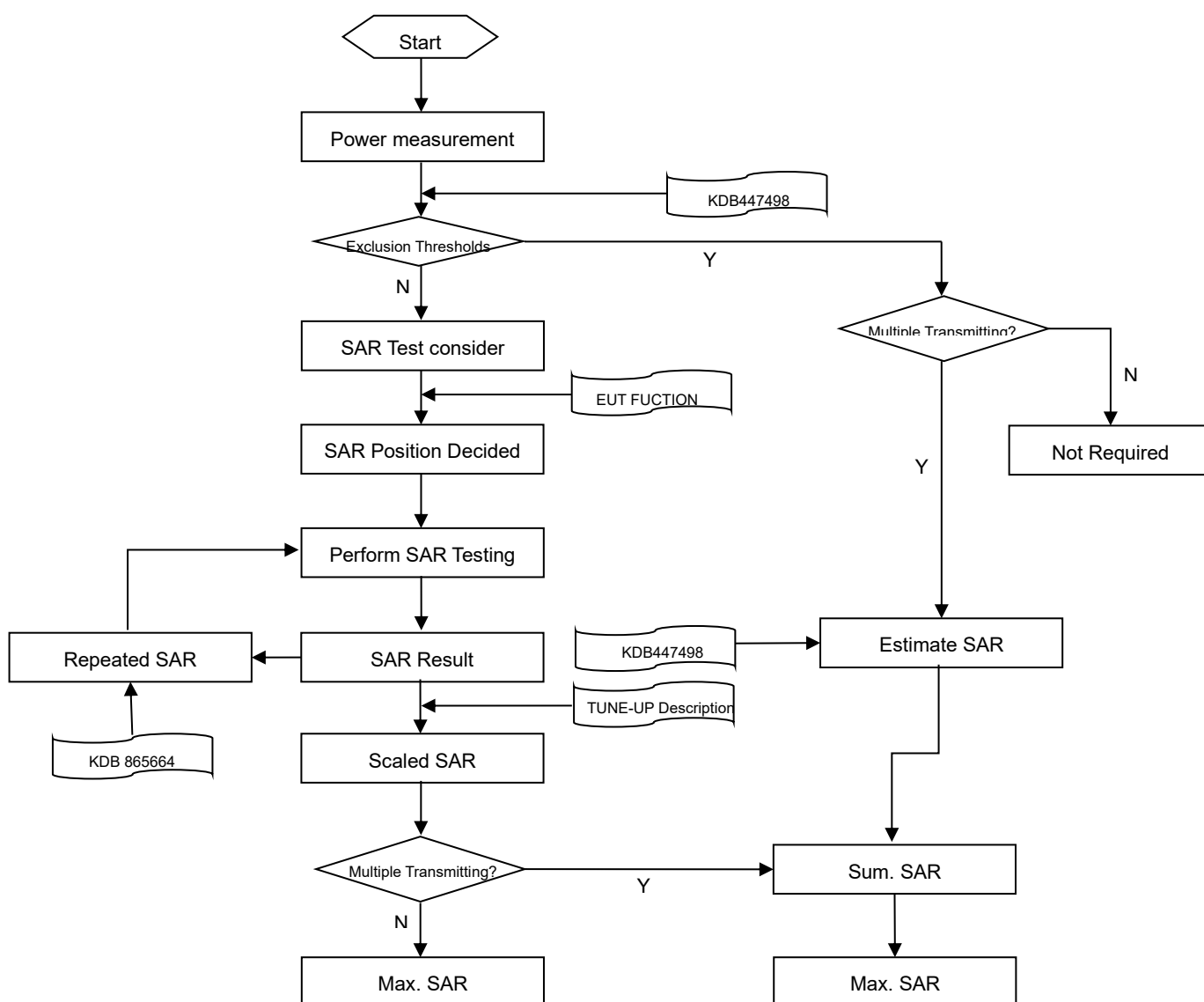
6.4 Product Specific 10g Exposure Consideration

According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance;

The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

7 MEASUREMENT PROCEDURE

7.1 Measurement Process Diagram



7.2 SAR Scan General Requirement

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

			≤3GHz	>3GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			5±1 mm	½·δ·ln(2)±0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location			30°±1°	20°±1°
Maximum area scan spatial resolution: Δx Area , Δy Area			≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3–4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
			When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx Zoom , Δy Zoom			≤ 2 GHz: ≤ 8 mm 2 –3 GHz: ≤ 5 mm*	3–4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: Δz Zoom (n)		≤ 5 mm	3–4 GHz: ≤ 4 mm
				4–5 GHz: ≤ 3 mm
				5–6 GHz: ≤ 2 mm
	graded grid	Δz Zoom (1): between 1st two points closest to phantom surface	≤ 4 mm	3–4 GHz: ≤ 3 mm
				4–5 GHz: ≤ 2.5 mm
		Δz Zoom (n>1): between subsequent points	≤ 1.5·Δz Zoom (n-1)	
Minimum zoom scan volume	x, y, z		≥30 mm	3–4 GHz: ≥ 28 mm
				4–5 GHz: ≥ 25 mm
				5–6 GHz: ≥ 22 mm
Note:				
1. δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.				
2. * When zoom scan is required and the reported SAR from the area scan based 1 g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

7.3 Measurement Procedure

The following steps are used for each test position

- a. Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
- b. Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- c. Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to 16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
- d. Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 * 32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

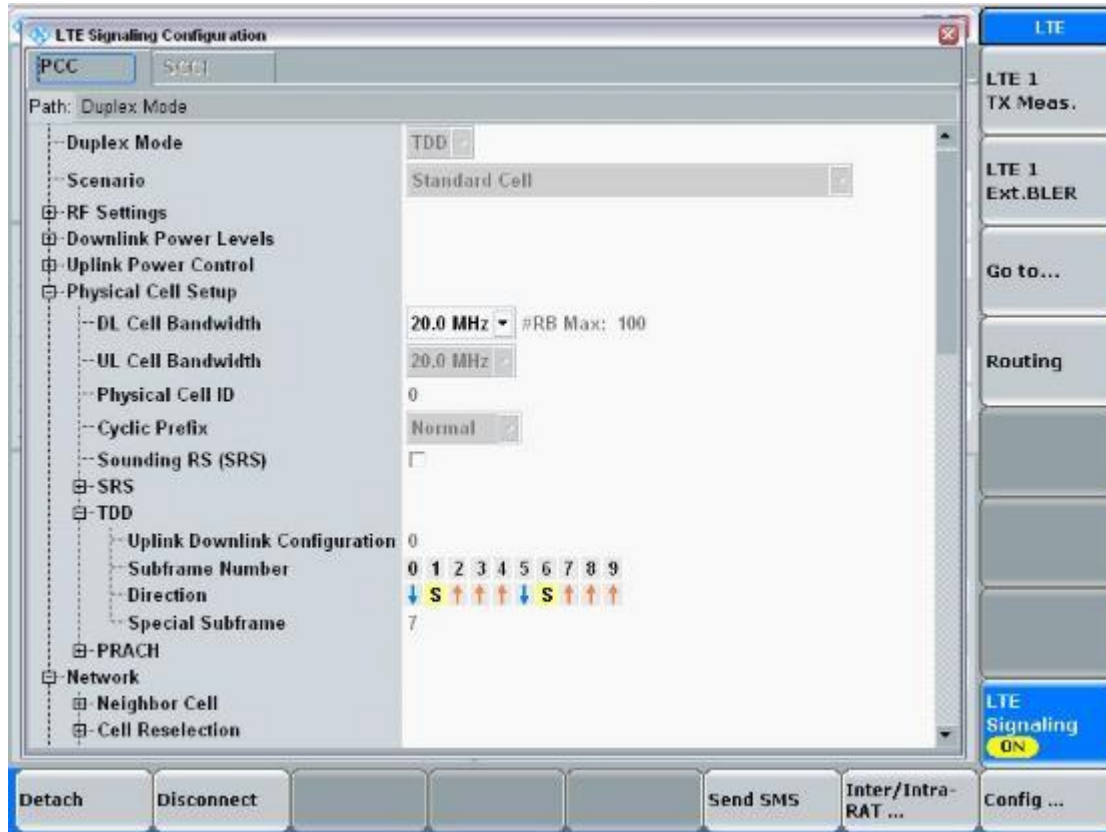
7.4 Area & Zoom Scan Procedure

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g. Area scan and zoom scan resolution setting follows KDB 865664 D01v01r04 quoted below.

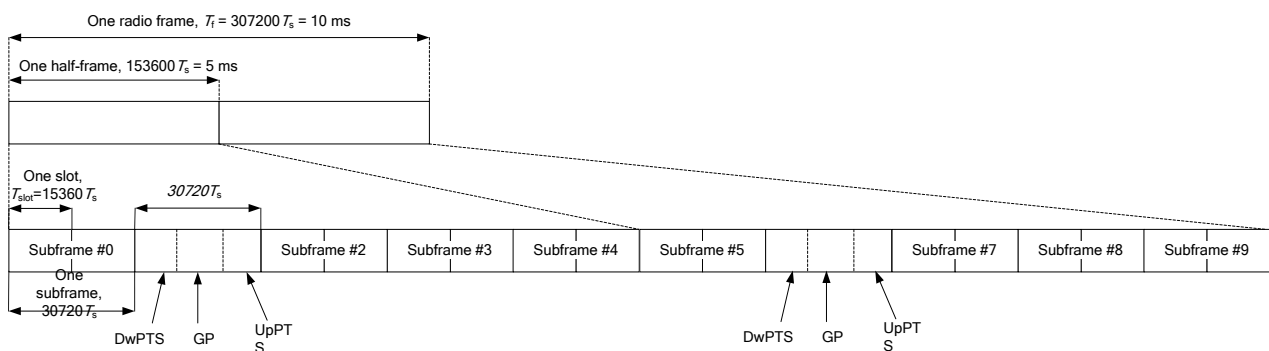
When the 1 g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

7.5 LTE (TDD) Considerations

During TDD-LTE SAR testing, the EUT was commanded to transmit on maximum output power and maximum transmitting bandwidth. The uplink and downlink slot configuration as below in one radio frame.



According to 3GPP Per 3GPP TS 36.211. Each radio frame of length ($T_f = 307200 \cdot T_s = 10\text{ms}$) of two half-frames of length ($153600 \cdot T_s = 5\text{ms}$). Each half-frame consists of five sub-frames of length ($30720 \cdot T_s = 1\text{ms}$)



And the special sub-frame with the three fields DwPTS, GP and UpPTS.

The length of DwPTS and UpPTS is given by below table subject to the total length of DwPTS, GP and UpPTS being equal to $30720 \cdot T_s = 1\text{ms}$.

Configuration of special sub-frame (lengths of DwPTS/GP/UpPTS)

Special sub-frame configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21592 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$7680 \cdot T_s$	$2560 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$			$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21592 \cdot T_s$			$12800 \cdot T_s$	-	-
8	$24144 \cdot T_s$			-		
9	$13168 \cdot T_s$			-		

For special sub-frame uplink time we used the largest cyclic prefix for duty cycle calculate;

Maximum uplink time of one special sub-frame=(largest cyclic prefix)/(one sub-frame of length)* time of one sub-frame= $5120 \cdot T_s / 30720 \cdot T_s \cdot 1\text{ms} = 0.167\text{ms}$

One radio frame with 6 uplink sub-frames and two special sub-frame,

there for the maximum Uplink time in one radio frame is: **$6 \cdot 1\text{ ms} + 2 \cdot 0.167\text{ ms} = 6.334\text{ms}$**

So, the duty cycle for TDD-LTE is: **$6.334\text{ms} / 10\text{ms} = 1: 1.58$**

8 CONDUCTED RF OUTPUT POWER

Please refer the document “BL-SZ25C1313-AP.pdf”.

9 TEST RESULT

9.1 GSM 850

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head												
Ant.1	GPRS 2Slots	Left Cheek	0	251	848.8	-0.07	0.102	32.52	33.00	1.117	0.114	/
		Left Tilt	0	251	848.8	-0.11	0.070	32.52	33.00	1.117	0.078	/
		Right Cheek	0	251	848.8	-0.03	0.141	32.52	33.00	1.117	0.157	1#
		Right Tilt	0	251	848.8	-0.09	0.093	32.52	33.00	1.117	0.104	/
Body												
Ant.1	GPRS 2Slots	Front Side	10	251	848.8	0.04	0.132	32.52	33.00	1.117	0.147	/
		Back Side	10	251	848.8	-0.01	0.467	32.52	33.00	1.117	0.522	3#
		Left Edge	10	251	848.8	-0.13	0.142	32.52	33.00	1.117	0.159	/
		Right Edge	10	251	848.8	0.05	0.042	32.52	33.00	1.117	0.047	/
		Top Edge	10	251	848.8	-0.14	0.010	32.52	33.00	1.117	0.011	/
		Bottom Edge	10	251	848.8	0.11	0.223	32.52	33.00	1.117	0.249	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.1	GPRS 2Slots	Front Side	0	251	848.8	-0.01	0.418	32.52	33.00	1.117	0.467	/
		Back Side	0	251	848.8	0.01	0.626	32.52	33.00	1.117	0.699	5#
		Left Edge	0	251	848.8	-0.10	0.275	32.52	33.00	1.117	0.307	/
		Right Edge	0	251	848.8	-0.03	0.078	32.52	33.00	1.117	0.087	/
		Top Edge	0	251	848.8	-0.10	0.003	32.52	33.00	1.117	0.003	/
		Bottom Edge	0	251	848.8	0.08	0.542	32.52	33.00	1.117	0.605	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

9.2 GSM 1900

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head												
Ant.4	GPRS 2Slots	Left Cheek	0	810	1909.8	0.09	0.092	29.11	30.00	1.229	0.113	/
		Left Tilt	0	810	1909.8	-0.14	0.038	29.11	30.00	1.229	0.047	/
		Right Cheek	0	810	1909.8	0.05	0.244	29.11	30.00	1.229	0.300	2#
		Right Tilt	0	810	1909.8	0.09	0.060	29.11	30.00	1.229	0.074	/
Body												
Ant.4	GPRS 2Slots	Front Side	10	810	1909.8	-0.01	0.042	29.11	30.00	1.229	0.052	/
		Back Side	10	810	1909.8	0.00	0.247	29.11	30.00	1.229	0.304	4#
		Left Edge	10	810	1909.8	0.06	0.010	29.11	30.00	1.229	0.012	/
		Right Edge	10	810	1909.8	-0.01	0.178	29.11	30.00	1.229	0.219	/
		Top Edge	10	810	1909.8	-0.14	0.015	29.11	30.00	1.229	0.018	/
		Bottom Edge	10	810	1909.8	-0.13	0.003	29.11	30.00	1.229	0.004	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.4	GPRS 2Slots	Front Side	0	810	1909.8	0.06	0.192	29.11	30.00	1.229	0.236	/
		Back Side	0	810	1909.8	0.00	0.923	29.11	30.00	1.229	1.134	6#
		Left Edge	0	810	1909.8	0.01	0.005	29.11	30.00	1.229	0.006	/
		Right Edge	0	810	1909.8	-0.11	0.802	29.11	30.00	1.229	0.986	/
		Top Edge	0	810	1909.8	-0.03	0.069	29.11	30.00	1.229	0.085	/
		Bottom Edge	0	810	1909.8	-0.14	0.018	29.11	30.00	1.229	0.022	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

9.3 WCDMA Band 2

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head												
Ant.4	RCM	Left Cheek	0	9262	1852.4	0.07	0.145	22.97	23.50	1.130	0.164	/
		Left Tilt	0	9262	1852.4	-0.11	0.065	22.97	23.50	1.130	0.073	/
		Right Cheek	0	9262	1852.4	-0.03	0.347	22.97	23.50	1.130	0.392	7#
		Right Tilt	0	9262	1852.4	0.07	0.088	22.97	23.50	1.130	0.099	/
Body												
Ant.4	RCM	Front Side	10	9262	1852.4	0.03	0.079	22.97	23.50	1.130	0.089	/
		Back Side	10	9262	1852.4	-0.01	0.416	22.97	23.50	1.130	0.470	10#
		Left Edge	10	9262	1852.4	0.14	0.006	22.97	23.50	1.130	0.007	/
		Right Edge	10	9262	1852.4	0.12	0.246	22.97	23.50	1.130	0.278	/
		Top Edge	10	9262	1852.4	-0.15	0.023	22.97	23.50	1.130	0.026	/
		Bottom Edge	10	9262	1852.4	0.04	0.019	22.97	23.50	1.130	0.021	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.4	RCM	Front Side	0	9262	1852.4	0.06	0.248	22.97	23.50	1.130	0.280	/
		Back Side	0	9262	1852.4	-0.01	1.160	22.97	23.50	1.130	1.311	13#
		Left Edge	0	9262	1852.4	-0.03	0.005	22.97	23.50	1.130	0.006	/
		Right Edge	0	9262	1852.4	0.15	1.020	22.97	23.50	1.130	1.152	/
		Top Edge	0	9262	1852.4	-0.08	0.009	22.97	23.50	1.130	0.010	/
		Bottom Edge	0	9262	1852.4	-0.01	0.010	22.97	23.50	1.130	0.011	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

9.4 WCDMA Band 4

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head												
Ant.4	RCM	Left Cheek	0	1312	1712.4	0.08	0.187	22.71	23.50	1.199	0.224	/
		Left Tilt	0	1312	1712.4	-0.08	0.098	22.71	23.50	1.199	0.118	/
		Right Cheek	0	1312	1712.4	-0.06	0.368	22.71	23.50	1.199	0.441	8#
		Right Tilt	0	1312	1712.4	-0.10	0.134	22.71	23.50	1.199	0.161	/
Body												
Ant.4	RCM	Front Side	10	1312	1712.4	-0.09	0.103	22.71	23.50	1.199	0.124	/
		Back Side	10	1312	1712.4	0.00	0.492	22.71	23.50	1.199	0.590	11#
		Left Edge	10	1312	1712.4	0.04	0.003	22.71	23.50	1.199	0.004	/
		Right Edge	10	1312	1712.4	-0.04	0.339	22.71	23.50	1.199	0.407	/
		Top Edge	10	1312	1712.4	-0.01	0.023	22.71	23.50	1.199	0.028	/
		Bottom Edge	10	1312	1712.4	0.01	0.015	22.71	23.50	1.199	0.018	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.4	RCM	Front Side	0	1312	1712.4	-0.01	0.286	22.71	23.50	1.199	0.343	/
		Back Side	0	1312	1712.4	0.00	0.944	22.71	23.50	1.199	1.132	/
		Left Edge	0	1312	1712.4	0.13	0.003	22.71	23.50	1.199	0.004	/
		Right Edge	0	1312	1712.4	-0.01	1.060	22.71	23.50	1.199	1.271	14#
		Top Edge	0	1312	1712.4	0.00	0.061	22.71	23.50	1.199	0.073	/
		Bottom Edge	0	1312	1712.4	0.14	0.022	22.71	23.50	1.199	0.026	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

9.5 WCDMA Band 5

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head												
Ant.1	RCM	Left Cheek	0	4182	836.4	0.02	0.043	23.94	24.50	1.138	0.049	/
		Left Tilt	0	4182	836.4	0.10	0.032	23.94	24.50	1.138	0.036	/
		Right Cheek	0	4182	836.4	-0.01	0.064	23.94	24.50	1.138	0.073	9#
		Right Tilt	0	4182	836.4	-0.13	0.038	23.94	24.50	1.138	0.043	/
Body												
Ant.1	RCM	Front Side	10	4182	836.4	0.10	0.076	23.94	24.50	1.138	0.086	/
		Back Side	10	4182	836.4	0.00	0.284	23.94	24.50	1.138	0.323	12#
		Left Edge	10	4182	836.4	-0.11	0.073	23.94	24.50	1.138	0.083	/
		Right Edge	10	4182	836.4	-0.06	0.026	23.94	24.50	1.138	0.030	/
		Top Edge	10	4182	836.4	-0.05	0.003	23.94	24.50	1.138	0.003	/
		Bottom Edge	10	4182	836.4	0.08	0.148	23.94	24.50	1.138	0.168	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune- up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.1	RCM	Front Side	0	4182	836.4	-0.03	0.218	23.94	24.50	1.138	0.248	/
		Back Side	0	4182	836.4	-0.13	0.269	23.94	24.50	1.138	0.306	/
		Left Edge	0	4182	836.4	-0.12	0.150	23.94	24.50	1.138	0.171	/
		Right Edge	0	4182	836.4	0.09	0.038	23.94	24.50	1.138	0.043	/
		Top Edge	0	4182	836.4	0.03	0.008	23.94	24.50	1.138	0.009	/
		Bottom Edge	0	4182	836.4	0.02	0.298	23.94	24.50	1.138	0.339	15#
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

9.6 LTE Band 2 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.4	QPSK	Left Cheek	0	19100	1900	1	HIGH	0.09	0.077	23.66	24.50	1.213	0.093	/
		Left Tilt	0	19100	1900	1	HIGH	-0.06	0.032	23.66	24.50	1.213	0.039	/
		Right Cheek	0	19100	1900	1	HIGH	0.12	0.172	23.66	24.50	1.213	0.209	16#
		Right Tilt	0	19100	1900	1	HIGH	0.10	0.052	23.66	24.50	1.213	0.063	/
		Left Cheek	0	19100	1900	50	HIGH	0.09	0.061	22.61	23.50	1.227	0.075	/
		Left Tilt	0	19100	1900	50	HIGH	0.07	0.024	22.61	23.50	1.227	0.029	/
		Right Cheek	0	19100	1900	50	HIGH	-0.09	0.138	22.61	23.50	1.227	0.169	/
		Right Tilt	0	19100	1900	50	HIGH	0.09	0.041	22.61	23.50	1.227	0.050	/
Body														
Anrt.4	QPSK	Front Side	10	19100	1900	1	HIGH	-0.02	0.028	23.66	24.50	1.213	0.034	/
		Back Side	10	19100	1900	1	HIGH	-0.06	0.193	23.66	24.50	1.213	0.234	26#
		Left Edge	10	19100	1900	1	HIGH	0.13	0.003	23.66	24.50	1.213	0.004	/
		Right Edge	10	19100	1900	1	HIGH	0.04	0.125	23.66	24.50	1.213	0.152	/
		Top Edge	10	19100	1900	1	HIGH	-0.13	0.017	23.66	24.50	1.213	0.021	/
		Bottom Edge	10	19100	1900	1	HIGH	0.10	0.012	23.66	24.50	1.213	0.015	/
		Front Side	10	19100	1900	50	HIGH	-0.12	0.024	22.61	23.50	1.227	0.029	/
		Back Side	10	19100	1900	50	HIGH	0.04	0.146	22.61	23.50	1.227	0.179	/
		Left Edge	10	19100	1900	50	HIGH	-0.06	0.002	22.61	23.50	1.227	0.002	/
		Right Edge	10	19100	1900	50	HIGH	-0.02	0.117	22.61	23.50	1.227	0.144	/
		Top Edge	10	19100	1900	50	HIGH	-0.14	0.013	22.61	23.50	1.227	0.016	/
		Bottom Edge	10	19100	1900	50	HIGH	-0.03	0.010	22.61	23.50	1.227	0.012	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.4	QPSK	Front Side	0	19100	1900	1	HIGH	-0.01	0.132	23.66	24.50	1.213	0.160	/
		Back Side	0	19100	1900	1	HIGH	-0.11	0.436	23.66	24.50	1.213	0.529	/
		Left Edge	0	19100	1900	1	HIGH	0.02	0.002	23.66	24.50	1.213	0.002	/
		Right Edge	0	19100	1900	1	HIGH	-0.04	0.516	23.66	24.50	1.213	0.626	36#
		Top Edge	0	19100	1900	1	HIGH	0.13	0.037	23.66	24.50	1.213	0.045	/
		Bottom Edge	0	19100	1900	1	HIGH	0.01	0.012	23.66	24.50	1.213	0.015	/
		Front Side	0	19100	1900	50	HIGH	0.15	0.110	22.61	23.50	1.227	0.135	/
		Back Side	0	19100	1900	50	HIGH	0.04	0.438	22.61	23.50	1.227	0.538	/
		Left Edge	0	19100	1900	50	HIGH	0.04	0.002	22.61	23.50	1.227	0.002	/
		Right Edge	0	19100	1900	50	HIGH	-0.06	0.484	22.61	23.50	1.227	0.594	/
		Top Edge	0	19100	1900	50	HIGH	0.13	0.028	22.61	23.50	1.227	0.034	/

		Bottom Edge	0	19100	1900	50	HIGH	-0.07	0.012	22.61	23.50	1.227	0.015	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.7 LTE Band 4 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.4	QPSK	Left Cheek	0	20300	1745	1	HIGH	0.02	0.173	23.47	24.00	1.130	0.195	/
		Left Tilt	0	20300	1745	1	HIGH	-0.09	0.095	23.47	24.00	1.130	0.107	/
		Right Cheek	0	20300	1745	1	HIGH	0.00	0.313	23.47	24.00	1.130	0.354	17#
		Right Tilt	0	20300	1745	1	HIGH	-0.06	0.131	23.47	24.00	1.130	0.148	/
		Left Cheek	0	20300	1745	50	HIGH	-0.03	0.137	22.45	23.00	1.135	0.155	/
		Left Tilt	0	20300	1745	50	HIGH	0.10	0.073	22.45	23.00	1.135	0.083	/
		Right Cheek	0	20300	1745	50	HIGH	-0.15	0.256	22.45	23.00	1.135	0.291	/
		Right Tilt	0	20300	1745	50	HIGH	0.15	0.103	22.45	23.00	1.135	0.117	/
Body														
Anrt.4	QPSK	Front Side	10	20300	1745	1	HIGH	-0.02	0.081	23.47	24.00	1.130	0.092	/
		Back Side	10	20300	1745	1	HIGH	-0.01	0.339	23.47	24.00	1.130	0.383	27#
		Left Edge	10	20300	1745	1	HIGH	-0.08	0.012	23.47	24.00	1.130	0.014	/
		Right Edge	10	20300	1745	1	HIGH	0.15	0.288	23.47	24.00	1.130	0.325	/
		Top Edge	10	20300	1745	1	HIGH	0.04	0.022	23.47	24.00	1.130	0.025	/
		Bottom Edge	10	20300	1745	1	HIGH	0.03	0.014	23.47	24.00	1.130	0.016	/
		Front Side	10	20300	1745	50	HIGH	-0.06	0.068	22.45	23.00	1.135	0.077	/
		Back Side	10	20300	1745	50	HIGH	-0.11	0.286	22.45	23.00	1.135	0.325	/
		Left Edge	10	20300	1745	50	HIGH	0.08	0.008	22.45	23.00	1.135	0.009	/
		Right Edge	10	20300	1745	50	HIGH	0.01	0.216	22.45	23.00	1.135	0.245	/
		Top Edge	10	20300	1745	50	HIGH	-0.06	0.016	22.45	23.00	1.135	0.018	/
		Bottom Edge	10	20300	1745	50	HIGH	-0.09	0.011	22.45	23.00	1.135	0.012	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.4	QPSK	Front Side	0	20300	1745	1	HIGH	0.05	0.203	23.47	24.00	1.130	0.229	/
		Back Side	0	20300	1745	1	HIGH	0.11	0.723	23.47	24.00	1.130	0.817	/
		Left Edge	0	20300	1745	1	HIGH	0.07	0.003	23.47	24.00	1.130	0.003	/
		Right Edge	0	20300	1745	1	HIGH	0.00	0.776	23.47	24.00	1.130	0.877	37#
		Top Edge	0	20300	1745	1	HIGH	-0.06	0.048	23.47	24.00	1.130	0.054	/
		Bottom Edge	0	20300	1745	1	HIGH	-0.04	0.015	23.47	24.00	1.130	0.017	/
		Front Side	0	20300	1745	50	HIGH	-0.11	0.160	22.45	23.00	1.135	0.182	/
		Back Side	0	20300	1745	50	HIGH	-0.12	0.568	22.45	23.00	1.135	0.645	/
		Left Edge	0	20300	1745	50	HIGH	-0.02	0.002	22.45	23.00	1.135	0.002	/
		Right Edge	0	20300	1745	50	HIGH	0.10	0.610	22.45	23.00	1.135	0.692	/
		Top Edge	0	20300	1745	50	HIGH	0.11	0.037	22.45	23.00	1.135	0.042	/

		Bottom Edge	0	20300	1745	50	HIGH	-0.05	0.011	22.45	23.00	1.135	0.012	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.8 LTE Band 5 (10MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	QPSK	Left Cheek	0	20600	844	1	HIGH	0.01	0.116	23.01	23.50	1.119	0.130	/
		Left Tilt	0	20600	844	1	HIGH	-0.04	0.089	23.01	23.50	1.119	0.100	/
		Right Cheek	0	20600	844	1	HIGH	-0.17	0.165	23.01	23.50	1.119	0.185	18#
		Right Tilt	0	20600	844	1	HIGH	0.06	0.106	23.01	23.50	1.119	0.119	/
		Left Cheek	0	20600	844	25	LOW	0.15	0.092	22.07	22.50	1.104	0.102	/
		Left Tilt	0	20600	844	25	LOW	0.08	0.069	22.07	22.50	1.104	0.076	/
		Right Cheek	0	20600	844	25	LOW	0.04	0.131	22.07	22.50	1.104	0.145	/
		Right Tilt	0	20600	844	25	LOW	0.06	0.086	22.07	22.50	1.104	0.095	/
Body														
Anrt.1	QPSK	Front Side	10	20600	844	1	HIGH	0.08	0.165	23.01	23.50	1.119	0.185	/
		Back Side	10	20600	844	1	HIGH	0.00	0.609	23.01	23.50	1.119	0.682	28#
		Left Edge	10	20600	844	1	HIGH	-0.10	0.198	23.01	23.50	1.119	0.222	/
		Right Edge	10	20600	844	1	HIGH	-0.06	0.067	23.01	23.50	1.119	0.075	/
		Top Edge	10	20600	844	1	HIGH	-0.12	0.010	23.01	23.50	1.119	0.011	/
		Bottom Edge	10	20600	844	1	HIGH	0.08	0.306	23.01	23.50	1.119	0.343	/
		Front Side	10	20600	844	25	LOW	-0.08	0.138	22.07	22.50	1.104	0.152	/
		Back Side	10	20600	844	25	LOW	0.07	0.495	22.07	22.50	1.104	0.547	/
		Left Edge	10	20600	844	25	LOW	0.14	0.137	22.07	22.50	1.104	0.151	/
		Right Edge	10	20600	844	25	LOW	-0.10	0.050	22.07	22.50	1.104	0.055	/
		Top Edge	10	20600	844	25	LOW	-0.04	0.006	22.07	22.50	1.104	0.007	/
		Bottom Edge	10	20600	844	25	LOW	-0.15	0.245	22.07	22.50	1.104	0.270	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.1	QPSK	Front Side	0	20600	844	1	HIGH	0.07	0.503	23.01	23.50	1.119	0.563	/
		Back Side	0	20600	844	1	HIGH	0.00	0.750	23.01	23.50	1.119	0.840	38#
		Left Edge	0	20600	844	1	HIGH	-0.08	0.339	23.01	23.50	1.119	0.379	/
		Right Edge	0	20600	844	1	HIGH	0.04	0.088	23.01	23.50	1.119	0.099	/
		Top Edge	0	20600	844	1	HIGH	-0.08	0.047	23.01	23.50	1.119	0.053	/
		Bottom Edge	0	20600	844	1	HIGH	0.07	0.697	23.01	23.50	1.119	0.780	/
		Front Side	0	20600	844	25	LOW	-0.03	0.401	22.07	22.50	1.104	0.443	/
		Back Side	0	20600	844	25	LOW	-0.11	0.650	22.07	22.50	1.104	0.718	/
		Left Edge	0	20600	844	25	LOW	-0.13	0.279	22.07	22.50	1.104	0.308	/
		Right Edge	0	20600	844	25	LOW	-0.05	0.075	22.07	22.50	1.104	0.083	/
		Top Edge	0	20600	844	25	LOW	0.03	0.036	22.07	22.50	1.104	0.040	/

		Bottom Edge	0	20600	844	25	LOW	0.07	0.535	22.07	22.50	1.104	0.591	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.9 LTE Band 7 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.2	QPSK	Left Cheek	0	21350	2560	1	HIGH	-0.03	0.176	23.94	24.50	1.138	0.200	19#
		Left Tilt	0	21350	2560	1	HIGH	0.07	0.101	23.94	24.50	1.138	0.115	/
		Right Cheek	0	21350	2560	1	HIGH	0.06	0.086	23.94	24.50	1.138	0.098	/
		Right Tilt	0	21350	2560	1	HIGH	-0.11	0.063	23.94	24.50	1.138	0.072	/
		Left Cheek	0	21350	2560	50	LOW	-0.11	0.142	22.96	23.50	1.132	0.161	/
		Left Tilt	0	21350	2560	50	LOW	-0.08	0.078	22.96	23.50	1.132	0.088	/
		Right Cheek	0	21350	2560	50	LOW	0.10	0.076	22.96	23.50	1.132	0.086	/
		Right Tilt	0	21350	2560	50	LOW	-0.12	0.052	22.96	23.50	1.132	0.059	/
Body														
Anrt.2	QPSK	Front Side	10	21350	2560	1	HIGH	0.11	0.038	23.94	24.50	1.138	0.043	/
		Back Side	10	21350	2560	1	HIGH	0.00	0.156	23.94	24.50	1.138	0.177	29#
		Left Edge	10	21350	2560	1	HIGH	0.12	0.002	23.94	24.50	1.138	0.002	/
		Right Edge	10	21350	2560	1	HIGH	0.05	0.043	23.94	24.50	1.138	0.049	/
		Top Edge	10	21350	2560	1	HIGH	0.05	0.003	23.94	24.50	1.138	0.003	/
		Bottom Edge	10	21350	2560	1	HIGH	0.08	0.036	23.94	24.50	1.138	0.041	/
		Front Side	10	21350	2560	50	LOW	-0.15	0.031	22.96	23.50	1.132	0.035	/
		Back Side	10	21350	2560	50	LOW	-0.08	0.132	22.96	23.50	1.132	0.149	/
		Left Edge	10	21350	2560	50	LOW	-0.02	0.002	22.96	23.50	1.132	0.002	/
		Right Edge	10	21350	2560	50	LOW	-0.04	0.036	22.96	23.50	1.132	0.041	/
		Top Edge	10	21350	2560	50	LOW	-0.03	0.001	22.96	23.50	1.132	0.001	/
		Bottom Edge	10	21350	2560	50	LOW	-0.05	0.030	22.96	23.50	1.132	0.034	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.2	QPSK	Front Side	0	21350	2560	1	HIGH	0.14	0.076	23.94	24.50	1.138	0.086	/
		Back Side	0	21350	2560	1	HIGH	-0.05	0.282	23.94	24.50	1.138	0.321	39#
		Left Edge	0	21350	2560	1	HIGH	0.10	0.009	23.94	24.50	1.138	0.010	/
		Right Edge	0	21350	2560	1	HIGH	0.11	0.146	23.94	24.50	1.138	0.166	/
		Top Edge	0	21350	2560	1	HIGH	0.01	0.002	23.94	24.50	1.138	0.002	/
		Bottom Edge	0	21350	2560	1	HIGH	-0.11	0.070	23.94	24.50	1.138	0.080	/
		Front Side	0	21350	2560	50	LOW	-0.05	0.067	22.96	23.50	1.132	0.076	/
		Back Side	0	21350	2560	50	LOW	0.09	0.224	22.96	23.50	1.132	0.254	/
		Left Edge	0	21350	2560	50	LOW	0.00	0.007	22.96	23.50	1.132	0.008	/
		Right Edge	0	21350	2560	50	LOW	-0.01	0.120	22.96	23.50	1.132	0.136	/
		Top Edge	0	21350	2560	50	LOW	0.00	0.001	22.96	23.50	1.132	0.001	/

		Bottom Edge	0	21350	2560	50	LOW	0.10	0.058	22.96	23.50	1.132	0.066	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.10LTE Band 12 (10MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	QPSK	Left Cheek	0	23130	711	1	MID	-0.04	0.098	22.96	23.50	1.132	0.111	/
		Left Tilt	0	23130	711	1	MID	0.13	0.062	22.96	23.50	1.132	0.070	/
		Right Cheek	0	23130	711	1	MID	-0.13	0.139	22.96	23.50	1.132	0.157	20#
		Right Tilt	0	23130	711	1	MID	-0.06	0.081	22.96	23.50	1.132	0.092	/
		Left Cheek	0	23130	711	25	LOW	0.15	0.078	21.91	22.50	1.146	0.089	/
		Left Tilt	0	23130	711	25	LOW	0.15	0.047	21.91	22.50	1.146	0.054	/
		Right Cheek	0	23130	711	25	LOW	0.02	0.112	21.91	22.50	1.146	0.128	/
		Right Tilt	0	23130	711	25	LOW	0.10	0.068	21.91	22.50	1.146	0.078	/
Body														
Anrt. 1	QPSK	Front Side	10	23130	711	1	MID	-0.10	0.173	22.96	23.50	1.132	0.196	/
		Back Side	10	23130	711	1	MID	0.01	0.326	22.96	23.50	1.132	0.369	30#
		Left Edge	10	23130	711	1	MID	0.15	0.289	22.96	23.50	1.132	0.327	/
		Right Edge	10	23130	711	1	MID	-0.15	0.142	22.96	23.50	1.132	0.161	/
		Top Edge	10	23130	711	1	MID	-0.04	0.012	22.96	23.50	1.132	0.014	/
		Bottom Edge	10	23130	711	1	MID	0.12	0.182	22.96	23.50	1.132	0.206	/
		Front Side	10	23130	711	25	LOW	-0.07	0.134	21.91	22.50	1.146	0.153	/
		Back Side	10	23130	711	25	LOW	0.00	0.269	21.91	22.50	1.146	0.308	/
		Left Edge	10	23130	711	25	LOW	0.10	0.223	21.91	22.50	1.146	0.255	/
		Right Edge	10	23130	711	25	LOW	0.02	0.123	21.91	22.50	1.146	0.141	/
		Top Edge	10	23130	711	25	LOW	0.00	0.008	21.91	22.50	1.146	0.009	/
		Bottom Edge	10	23095	707.5	25	LOW	0.04	0.145	21.91	22.50	1.146	0.166	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt. 1	QPSK	Front Side	0	23130	711	1	MID	-0.15	0.261	22.96	23.50	1.132	0.296	/
		Back Side	0	23130	711	1	MID	0.01	0.546	22.96	23.50	1.132	0.618	40#
		Left Edge	0	23130	711	1	MID	-0.03	0.248	22.96	23.50	1.132	0.281	/
		Right Edge	0	23130	711	1	MID	0.12	0.090	22.96	23.50	1.132	0.102	/
		Top Edge	0	23130	711	1	MID	0.13	0.005	22.96	23.50	1.132	0.006	/
		Bottom Edge	0	23130	711	1	MID	0.07	0.420	22.96	23.50	1.132	0.476	/
		Front Side	0	23130	711	25	LOW	0.01	0.234	21.91	22.50	1.146	0.268	/
		Back Side	0	23130	711	25	LOW	0.03	0.415	21.91	22.50	1.146	0.475	/
		Left Edge	0	23130	711	25	LOW	-0.06	0.231	21.91	22.50	1.146	0.265	/
		Right Edge	0	23130	711	25	LOW	0.03	0.066	21.91	22.50	1.146	0.076	/
		Top Edge	0	23130	711	25	LOW	-0.09	0.004	21.91	22.50	1.146	0.005	/

		Bottom Edge	0	23130	711	25	LOW	0.08	0.346	21.91	22.50	1.146	0.396	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.11 LTE Band 13 (10MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	QPSK	Left Cheek	0	23230	782	1	LOW	-0.10	0.076	22.66	23.50	1.213	0.092	/
		Left Tilt	0	23230	782	1	LOW	0.03	0.056	22.66	23.50	1.213	0.068	/
		Right Cheek	0	23230	782	1	LOW	-0.01	0.101	22.66	23.50	1.213	0.123	21#
		Right Tilt	0	23230	782	1	LOW	0.15	0.075	22.66	23.50	1.213	0.091	/
		Left Cheek	0	23230	782	25	LOW	-0.04	0.059	21.61	22.50	1.227	0.072	/
		Left Tilt	0	23230	782	25	LOW	0.06	0.046	21.61	22.50	1.227	0.056	/
		Right Cheek	0	23230	782	25	LOW	-0.07	0.088	21.61	22.50	1.227	0.108	/
		Right Tilt	0	23230	782	25	LOW	-0.09	0.059	21.61	22.50	1.227	0.072	/
Body														
Anrt.1	QPSK	Front Side	10	23230	782	1	LOW	0.05	0.109	22.66	23.50	1.213	0.132	/
		Back Side	10	23230	782	1	LOW	0.00	0.338	22.66	23.50	1.213	0.410	31#
		Left Edge	10	23230	782	1	LOW	-0.03	0.180	22.66	23.50	1.213	0.219	/
		Right Edge	10	23230	782	1	LOW	-0.14	0.067	22.66	23.50	1.213	0.081	/
		Top Edge	10	23230	782	1	LOW	-0.14	0.010	22.66	23.50	1.213	0.012	/
		Bottom Edge	10	23230	782	1	LOW	0.09	0.196	22.66	23.50	1.213	0.238	/
		Front Side	10	23230	782	25	LOW	-0.10	0.089	21.61	22.50	1.227	0.109	/
		Back Side	10	23230	782	25	LOW	-0.02	0.278	21.61	22.50	1.227	0.341	/
		Left Edge	10	23230	782	25	LOW	0.13	0.141	21.61	22.50	1.227	0.173	/
		Right Edge	10	23230	782	25	LOW	-0.14	0.055	21.61	22.50	1.227	0.068	/
		Top Edge	10	23230	782	25	LOW	0.05	0.008	21.61	22.50	1.227	0.010	/
		Bottom Edge	10	23230	782	25	LOW	0.05	0.155	21.61	22.50	1.227	0.190	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.1	QPSK	Front Side	0	23230	782	1	LOW	-0.05	0.302	22.66	23.50	1.213	0.366	/
		Back Side	0	23230	782	1	LOW	-0.02	0.546	22.66	23.50	1.213	0.663	41#
		Left Edge	0	23230	782	1	LOW	-0.15	0.213	22.66	23.50	1.213	0.258	/
		Right Edge	0	23230	782	1	LOW	-0.15	0.056	22.66	23.50	1.213	0.068	/
		Top Edge	0	23230	782	1	LOW	0.11	0.007	22.66	23.50	1.213	0.008	/
		Bottom Edge	0	23230	782	1	LOW	-0.10	0.464	22.66	23.50	1.213	0.563	/
		Front Side	0	23230	782	25	LOW	0.14	0.241	21.61	22.50	1.227	0.296	/
		Back Side	0	23230	782	25	LOW	0.03	0.441	21.61	22.50	1.227	0.541	/
		Left Edge	0	23230	782	25	LOW	-0.13	0.164	21.61	22.50	1.227	0.201	/
		Right Edge	0	23230	782	25	LOW	-0.11	0.044	21.61	22.50	1.227	0.054	/
		Top Edge	0	23230	782	25	LOW	-0.02	0.005	21.61	22.50	1.227	0.006	/

		Bottom Edge	0	23230	782	25	LOW	0.08	0.366	21.61	22.50	1.227	0.449	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.12LTE Band 17 (10MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	QPSK	Left Cheek	0	23790	710	1	MID	0.01	0.113	22.98	23.50	1.127	0.127	/
		Left Tilt	0	23790	710	1	MID	-0.14	0.069	22.98	23.50	1.127	0.078	/
		Right Cheek	0	23790	710	1	MID	-0.04	0.145	22.98	23.50	1.127	0.163	22#
		Right Tilt	0	23790	710	1	MID	0.12	0.095	22.98	23.50	1.127	0.107	/
		Left Cheek	0	23790	710	25	MID	-0.07	0.088	21.93	22.50	1.140	0.100	/
		Left Tilt	0	23790	710	25	MID	0.07	0.054	21.93	22.50	1.140	0.062	/
		Right Cheek	0	23790	710	25	MID	-0.02	0.128	21.93	22.50	1.140	0.146	/
		Right Tilt	0	23790	710	25	MID	0.07	0.074	21.93	22.50	1.140	0.084	/
Body														
Anrt.1	QPSK	Front Side	10	23790	710	1	MID	0.13	0.178	22.98	23.50	1.127	0.201	/
		Back Side	10	23790	710	1	MID	-0.01	0.322	22.98	23.50	1.127	0.363	32#
		Left Edge	10	23790	710	1	MID	-0.01	0.293	22.98	23.50	1.127	0.331	/
		Right Edge	10	23790	710	1	MID	-0.10	0.139	22.98	23.50	1.127	0.157	/
		Top Edge	10	23790	710	1	MID	0.01	0.008	22.98	23.50	1.127	0.009	/
		Bottom Edge	10	23790	710	1	MID	0.12	0.188	22.98	23.50	1.127	0.212	/
		Front Side	10	23790	710	25	MID	-0.15	0.131	21.93	22.50	1.140	0.149	/
		Back Side	10	23790	710	25	MID	-0.14	0.269	21.93	22.50	1.140	0.307	/
		Left Edge	10	23790	710	25	MID	0.08	0.225	21.93	22.50	1.140	0.257	/
		Right Edge	10	23790	710	25	MID	0.07	0.112	21.93	22.50	1.140	0.128	/
		Top Edge	10	23790	710	25	MID	0.03	0.006	21.93	22.50	1.140	0.007	/
		Bottom Edge	10	23790	710	25	MID	0.11	0.151	21.93	22.50	1.140	0.172	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.1	QPSK	Front Side	0	23790	710	1	MID	-0.14	0.329	22.98	23.50	1.127	0.371	/
		Back Side	0	23790	710	1	MID	-0.01	0.557	22.98	23.50	1.127	0.628	42#
		Left Edge	0	23790	710	1	MID	-0.04	0.317	22.98	23.50	1.127	0.357	/
		Right Edge	0	23790	710	1	MID	0.12	0.089	22.98	23.50	1.127	0.100	/
		Top Edge	0	23790	710	1	MID	-0.15	0.010	22.98	23.50	1.127	0.011	/
		Bottom Edge	0	23790	710	1	MID	0.11	0.492	22.98	23.50	1.127	0.555	/
		Front Side	0	23790	710	25	MID	0.12	0.255	21.93	22.50	1.140	0.291	/
		Back Side	0	23790	710	25	MID	-0.11	0.419	21.93	22.50	1.140	0.478	/
		Left Edge	0	23790	710	25	MID	-0.13	0.223	21.93	22.50	1.140	0.254	/
		Right Edge	0	23790	710	25	MID	-0.08	0.070	21.93	22.50	1.140	0.080	/
		Top Edge	0	23790	710	25	MID	-0.10	0.008	21.93	22.50	1.140	0.009	/

		Bottom Edge	0	23790	710	25	MID	-0.08	0.393	21.93	22.50	1.140	0.448	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.13LTE Band 26 (15MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	QPSK	Left Cheek	0	26865	831.5	1	HIGH	0.12	0.149	22.98	23.50	1.127	0.168	/
		Left Tilt	0	26865	831.5	1	HIGH	0.13	0.113	22.98	23.50	1.127	0.127	/
		Right Cheek	0	26865	831.5	1	HIGH	-0.01	0.182	22.98	23.50	1.127	0.205	23#
		Right Tilt	0	26865	831.5	1	HIGH	0.09	0.137	22.98	23.50	1.127	0.154	/
		Left Cheek	0	26865	831.5	36	LOW	-0.11	0.117	21.98	22.50	1.127	0.132	/
		Left Tilt	0	26865	831.5	36	LOW	-0.03	0.088	21.98	22.50	1.127	0.099	/
		Right Cheek	0	26865	831.5	36	LOW	-0.05	0.172	21.98	22.50	1.127	0.194	/
		Right Tilt	0	26865	831.5	36	LOW	-0.03	0.107	21.98	22.50	1.127	0.121	/
Body														
Anrt.1	QPSK	Front Side	10	26865	831.5	1	HIGH	-0.11	0.157	22.98	23.50	1.127	0.177	/
		Back Side	10	26865	831.5	1	HIGH	0.01	0.658	22.98	23.50	1.127	0.742	33#
		Left Edge	10	26865	831.5	1	HIGH	0.02	0.189	22.98	23.50	1.127	0.213	/
		Right Edge	10	26865	831.5	1	HIGH	0.01	0.074	22.98	23.50	1.127	0.083	/
		Top Edge	10	26865	831.5	1	HIGH	0.02	0.010	22.98	23.50	1.127	0.011	/
		Bottom Edge	10	26865	831.5	1	HIGH	-0.05	0.307	22.98	23.50	1.127	0.346	/
		Front Side	10	26865	831.5	36	LOW	0.07	0.124	21.98	22.50	1.127	0.140	/
		Back Side	10	26865	831.5	36	LOW	-0.11	0.492	21.98	22.50	1.127	0.555	/
		Left Edge	10	26865	831.5	36	LOW	-0.15	0.143	21.98	22.50	1.127	0.161	/
		Right Edge	10	26865	831.5	36	LOW	-0.02	0.052	21.98	22.50	1.127	0.059	/
		Top Edge	10	26865	831.5	36	LOW	0.06	0.006	21.98	22.50	1.127	0.007	/
		Bottom Edge	10	26865	831.5	36	LOW	0.13	0.248	21.98	22.50	1.127	0.280	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.1	QPSK	Front Side	0	26865	831.5	1	HIGH	0.13	0.551	22.98	23.50	1.127	0.621	/
		Back Side	0	26865	831.5	1	HIGH	0.00	0.732	22.98	23.50	1.127	0.825	43#
		Left Edge	0	26865	831.5	1	HIGH	0.01	0.390	22.98	23.50	1.127	0.440	/
		Right Edge	0	26865	831.5	1	HIGH	0.05	0.108	22.98	23.50	1.127	0.122	/
		Top Edge	0	26865	831.5	1	HIGH	-0.15	0.006	22.98	23.50	1.127	0.007	/
		Bottom Edge	0	26865	831.5	1	HIGH	-0.04	0.700	22.98	23.50	1.127	0.789	/
		Front Side	0	26865	831.5	36	LOW	0.10	0.442	21.98	22.50	1.127	0.498	/
		Back Side	0	26865	831.5	36	LOW	0.01	0.642	21.98	22.50	1.127	0.724	/
		Left Edge	0	26865	831.5	36	LOW	-0.08	0.304	21.98	22.50	1.127	0.342	/
		Right Edge	0	26865	831.5	36	LOW	-0.14	0.086	21.98	22.50	1.127	0.097	/
		Top Edge	0	26865	831.5	36	LOW	-0.05	0.005	21.98	22.50	1.127	0.006	/

		Bottom Edge	0	26865	831.5	36	LOW	-0.07	0.643	21.98	22.50	1.127	0.725	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.14LTE Band 66 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.4	QPSK	Left Cheek	0	132572	1770	1	MID	0.14	0.165	23.41	24.00	1.146	0.189	/
		Left Tilt	0	132572	1770	1	MID	0.09	0.089	23.41	24.00	1.146	0.102	/
		Right Cheek	0	132572	1770	1	MID	-0.03	0.314	23.41	24.00	1.146	0.360	24#
		Right Tilt	0	132572	1770	1	MID	0.13	0.124	23.41	24.00	1.146	0.142	/
		Left Cheek	0	132572	1770	50	HIGH	-0.06	0.133	22.46	23.00	1.132	0.151	/
		Left Tilt	0	132572	1770	50	HIGH	0.09	0.071	22.46	23.00	1.132	0.080	/
		Right Cheek	0	132572	1770	50	HIGH	-0.04	0.256	22.46	23.00	1.132	0.290	/
		Right Tilt	0	132572	1770	50	HIGH	0.01	0.098	22.46	23.00	1.132	0.111	/
Body														
Anrt.4	QPSK	Front Side	10	132572	1770	1	MID	-0.10	0.084	23.41	24.00	1.146	0.096	/
		Back Side	10	132572	1770	1	MID	0.00	0.363	23.41	24.00	1.146	0.416	34#
		Left Edge	10	132572	1770	1	MID	0.11	0.012	23.41	24.00	1.146	0.014	/
		Right Edge	10	132572	1770	1	MID	0.00	0.305	23.41	24.00	1.146	0.349	/
		Top Edge	10	132572	1770	1	MID	0.02	0.023	23.41	24.00	1.146	0.026	/
		Bottom Edge	10	132572	1770	1	MID	0.07	0.014	23.41	24.00	1.146	0.016	/
		Front Side	10	132572	1770	50	HIGH	-0.15	0.065	22.46	23.00	1.132	0.074	/
		Back Side	10	132572	1770	50	HIGH	0.04	0.287	22.46	23.00	1.132	0.325	/
		Left Edge	10	132572	1770	50	HIGH	0.03	0.003	22.46	23.00	1.132	0.003	/
		Right Edge	10	132572	1770	50	HIGH	0.04	0.259	22.46	23.00	1.132	0.293	/
		Top Edge	10	132572	1770	50	HIGH	-0.11	0.017	22.46	23.00	1.132	0.019	/
		Bottom Edge	10	132572	1770	50	HIGH	0.00	0.010	22.46	23.00	1.132	0.011	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.4	QPSK	Front Side	0	132572	1770	1	MID	0.05	0.212	23.41	24.00	1.146	0.243	/
		Back Side	0	132572	1770	1	MID	-0.12	0.713	23.41	24.00	1.146	0.817	/
		Left Edge	0	132572	1770	1	MID	0.15	0.014	23.41	24.00	1.146	0.016	/
		Right Edge	0	132572	1770	1	MID	0.00	0.810	23.41	24.00	1.146	0.928	44#
		Top Edge	0	132572	1770	1	MID	0.02	0.053	23.41	24.00	1.146	0.061	/
		Bottom Edge	0	132572	1770	1	MID	0.09	0.016	23.41	24.00	1.146	0.018	/
		Front Side	0	132572	1770	50	HIGH	0.15	0.171	22.46	23.00	1.132	0.194	/
		Back Side	0	132572	1770	50	HIGH	0.14	0.568	22.46	23.00	1.132	0.643	/
		Left Edge	0	132572	1770	50	HIGH	-0.15	0.011	22.46	23.00	1.132	0.012	/
		Right Edge	0	132572	1770	50	HIGH	-0.08	0.630	22.46	23.00	1.132	0.713	/
		Top Edge	0	132572	1770	50	HIGH	-0.08	0.042	22.46	23.00	1.132	0.048	/

		Bottom Edge	0	132572	1770	50	HIGH	-0.13	0.012	22.46	23.00	1.132	0.014	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.15LTE Band 71 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	QPSK	Left Cheek	0	133372	688	1	HIGH	-0.12	0.094	22.97	23.50	1.130	0.106	/
		Left Tilt	0	133372	688	1	HIGH	-0.13	0.050	22.97	23.50	1.130	0.056	/
		Right Cheek	0	133372	688	1	HIGH	-0.02	0.121	22.97	23.50	1.130	0.137	25#
		Right Tilt	0	133372	688	1	HIGH	-0.08	0.062	22.97	23.50	1.130	0.070	/
		Left Cheek	0	133372	688	50	HIGH	0.08	0.069	21.81	22.50	1.172	0.081	/
		Left Tilt	0	133372	688	50	HIGH	-0.05	0.040	21.81	22.50	1.172	0.047	/
		Right Cheek	0	133372	688	50	HIGH	0.00	0.090	21.81	22.50	1.172	0.105	/
		Right Tilt	0	133372	688	50	HIGH	-0.12	0.048	21.81	22.50	1.172	0.056	/
Body														
Anrt. 1	QPSK	Front Side	10	133372	688	1	HIGH	0.07	0.124	22.97	23.50	1.130	0.140	/
		Back Side	10	133372	688	1	HIGH	0.00	0.285	22.97	23.50	1.130	0.322	35#
		Left Edge	10	133372	688	1	HIGH	0.07	0.220	22.97	23.50	1.130	0.249	/
		Right Edge	10	133372	688	1	HIGH	-0.05	0.107	22.97	23.50	1.130	0.121	/
		Top Edge	10	133372	688	1	HIGH	-0.05	0.005	22.97	23.50	1.130	0.006	/
		Bottom Edge	10	133372	688	1	HIGH	0.05	0.141	22.97	23.50	1.130	0.159	/
		Front Side	10	133372	688	50	HIGH	-0.13	0.102	21.81	22.50	1.172	0.120	/
		Back Side	10	133372	688	50	HIGH	0.07	0.239	21.81	22.50	1.172	0.280	/
		Left Edge	10	133372	688	50	HIGH	0.13	0.184	21.81	22.50	1.172	0.216	/
		Right Edge	10	133372	688	50	HIGH	-0.07	0.093	21.81	22.50	1.172	0.109	/
		Top Edge	10	133372	688	50	HIGH	0.05	0.004	21.81	22.50	1.172	0.005	/
		Bottom Edge	10	133372	688	50	HIGH	0.04	0.105	21.81	22.50	1.172	0.123	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt. 1	QPSK	Front Side	0	133372	688	1	HIGH	0.08	0.216	22.97	23.50	1.130	0.244	/
		Back Side	0	133372	688	1	HIGH	0.01	0.541	22.97	23.50	1.130	0.611	45#
		Left Edge	0	133372	688	1	HIGH	0.11	0.213	22.97	23.50	1.130	0.241	/
		Right Edge	0	133372	688	1	HIGH	-0.01	0.067	22.97	23.50	1.130	0.076	/
		Top Edge	0	133372	688	1	HIGH	0.03	0.008	22.97	23.50	1.130	0.009	/
		Bottom Edge	0	133372	688	1	HIGH	0.15	0.398	22.97	23.50	1.130	0.450	/
		Front Side	0	133372	688	50	HIGH	-0.10	0.199	21.81	22.50	1.172	0.233	/
		Back Side	0	133372	688	50	HIGH	-0.09	0.413	21.81	22.50	1.172	0.484	/
		Left Edge	0	133372	688	50	HIGH	-0.07	0.184	21.81	22.50	1.172	0.216	/
		Right Edge	0	133372	688	50	HIGH	0.14	0.060	21.81	22.50	1.172	0.070	/
		Top Edge	0	133372	688	50	HIGH	0.06	0.006	21.81	22.50	1.172	0.007	/

		Bottom Edge	0	133372	688	50	HIGH	0.13	0.319	21.81	22.50	1.172	0.374	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.16LTE Band 38 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.2	QPSK	Left Cheek	0	38150	2610	1	LOW	0.00	0.122	23.87	24.50	1.156	0.141	46#
		Left Tilt	0	38150	2610	1	LOW	0.11	0.052	23.87	24.50	1.156	0.060	/
		Right Cheek	0	38150	2610	1	LOW	-0.08	0.089	23.87	24.50	1.156	0.103	/
		Right Tilt	0	38150	2610	1	LOW	-0.11	0.084	23.87	24.50	1.156	0.097	/
		Left Cheek	0	38150	2610	50	LOW	0.12	0.112	22.90	23.50	1.148	0.129	/
		Left Tilt	0	38150	2610	50	LOW	-0.14	0.043	22.90	23.50	1.148	0.049	/
		Right Cheek	0	38150	2610	50	LOW	-0.13	0.073	22.90	23.50	1.148	0.084	/
		Right Tilt	0	38150	2610	50	LOW	0.09	0.070	22.90	23.50	1.148	0.080	/
Body														
Anrt.2	QPSK	Front Side	10	38150	2610	1	LOW	0.05	0.040	23.87	24.50	1.156	0.046	/
		Back Side	10	38150	2610	1	LOW	0.02	0.120	23.87	24.50	1.156	0.139	50#
		Left Edge	10	38150	2610	1	LOW	0.01	0.002	23.87	24.50	1.156	0.002	/
		Right Edge	10	38150	2610	1	LOW	-0.04	0.051	23.87	24.50	1.156	0.059	/
		Top Edge	10	38150	2610	1	LOW	-0.06	0.001	23.87	24.50	1.156	0.001	/
		Bottom Edge	10	38150	2610	1	LOW	0.07	0.037	23.87	24.50	1.156	0.043	/
		Front Side	10	38150	2610	50	LOW	0.03	0.031	22.90	23.50	1.148	0.036	/
		Back Side	10	38150	2610	50	LOW	-0.10	0.103	22.90	23.50	1.148	0.118	/
		Left Edge	10	38150	2610	50	LOW	-0.09	0.001	22.90	23.50	1.148	0.001	/
		Right Edge	10	38150	2610	50	LOW	0.03	0.041	22.90	23.50	1.148	0.047	/
		Top Edge	10	38150	2610	50	LOW	0.08	0.001	22.90	23.50	1.148	0.001	/
		Bottom Edge	10	38000	2595	50	LOW	0.05	0.031	22.90	23.50	1.148	0.036	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.2	QPSK	Front Side	0	38150	2610	1	LOW	0.11	0.127	23.87	24.50	1.156	0.147	/
		Back Side	0	38150	2610	1	LOW	-0.02	0.273	23.87	24.50	1.156	0.316	54#
		Left Edge	0	38150	2610	1	LOW	-0.08	0.015	23.87	24.50	1.156	0.017	/
		Right Edge	0	38150	2610	1	LOW	-0.12	0.203	23.87	24.50	1.156	0.235	/
		Top Edge	0	38150	2610	1	LOW	-0.07	0.003	23.87	24.50	1.156	0.003	/
		Bottom Edge	0	38150	2610	1	LOW	0.09	0.107	23.87	24.50	1.156	0.124	/
		Front Side	0	38150	2610	50	LOW	-0.15	0.102	22.90	23.50	1.148	0.117	/
		Back Side	0	38150	2610	50	LOW	0.05	0.211	22.90	23.50	1.148	0.242	/
		Left Edge	0	38150	2610	50	LOW	-0.07	0.012	22.90	23.50	1.148	0.014	/
		Right Edge	0	38150	2610	50	LOW	0.11	0.161	22.90	23.50	1.148	0.185	/
		Top Edge	0	38150	2610	50	LOW	0.10	0.002	22.90	23.50	1.148	0.002	/

		Bottom Edge	0	38150	2610	50	LOW	0.13	0.087	22.90	23.50	1.148	0.100	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.17LTE Band 41 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.2	QPSK	Left Cheek	0	41490	2680	1	HIGH	0.00	0.158	23.88	24.00	1.028	0.162	47#
		Left Tilt	0	41490	2680	1	HIGH	-0.13	0.057	23.88	24.00	1.028	0.059	/
		Right Cheek	0	41490	2680	1	HIGH	-0.03	0.089	23.88	24.00	1.028	0.091	/
		Right Tilt	0	41490	2680	1	HIGH	-0.10	0.080	23.88	24.00	1.028	0.082	/
		Left Cheek	0	41490	2680	50	HIGH	0.03	0.110	22.84	23.00	1.038	0.114	/
		Left Tilt	0	41490	2680	50	HIGH	-0.02	0.044	22.84	23.00	1.038	0.046	/
		Right Cheek	0	41490	2680	50	HIGH	0.06	0.071	22.84	23.00	1.038	0.074	/
		Right Tilt	0	41490	2680	50	HIGH	0.00	0.068	22.84	23.00	1.038	0.071	/
Body														
Anrt.2	QPSK	Front Side	10	41490	2680	1	HIGH	-0.10	0.041	23.88	24.00	1.028	0.042	/
		Back Side	10	41490	2680	1	HIGH	0.03	0.118	23.88	24.00	1.028	0.121	51#
		Left Edge	10	41490	2680	1	HIGH	0.01	0.002	23.88	24.00	1.028	0.002	/
		Right Edge	10	41490	2680	1	HIGH	-0.13	0.055	23.88	24.00	1.028	0.057	/
		Top Edge	10	41490	2680	1	HIGH	0.12	0.001	23.88	24.00	1.028	0.001	/
		Bottom Edge	10	41490	2680	1	HIGH	0.13	0.044	23.88	24.00	1.028	0.045	/
		Front Side	10	41490	2680	50	HIGH	0.10	0.034	22.84	23.00	1.038	0.035	/
		Back Side	10	41490	2680	50	HIGH	-0.09	0.104	22.84	23.00	1.038	0.108	/
		Left Edge	10	41490	2680	50	HIGH	-0.12	0.002	22.84	23.00	1.038	0.002	/
		Right Edge	10	41490	2680	50	HIGH	0.04	0.045	22.84	23.00	1.038	0.047	/
		Top Edge	10	41490	2680	50	HIGH	0.11	0.001	22.84	23.00	1.038	0.001	/
		Bottom Edge	10	41490	2680	50	HIGH	0.00	0.036	22.84	23.00	1.038	0.037	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.2	QPSK	Front Side	0	41490	2680	1	HIGH	-0.08	0.132	23.88	24.00	1.028	0.136	/
		Back Side	0	41490	2680	1	HIGH	-0.01	0.336	23.88	24.00	1.028	0.345	55#
		Left Edge	0	41490	2680	1	HIGH	-0.04	0.015	23.88	24.00	1.028	0.015	/
		Right Edge	0	41490	2680	1	HIGH	-0.12	0.199	23.88	24.00	1.028	0.205	/
		Top Edge	0	41490	2680	1	HIGH	0.03	0.006	23.88	24.00	1.028	0.006	/
		Bottom Edge	0	41490	2680	1	HIGH	0.05	0.110	23.88	24.00	1.028	0.113	/
		Front Side	0	41490	2680	50	HIGH	0.14	0.105	22.84	23.00	1.038	0.109	/
		Back Side	0	41490	2680	50	HIGH	0.01	0.250	22.84	23.00	1.038	0.259	/
		Left Edge	0	41490	2680	50	HIGH	-0.06	0.012	22.84	23.00	1.038	0.012	/
		Right Edge	0	41490	2680	50	HIGH	0.12	0.161	22.84	23.00	1.038	0.167	/
		Top Edge	0	41490	2680	50	HIGH	-0.12	0.004	22.84	23.00	1.038	0.004	/

		Bottom Edge	0	41490	2680	50	HIGH	-0.01	0.088	22.84	23.00	1.038	0.091	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.18LTE Band 42 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.5	QPSK	Left Cheek	0	43490	3590	1	LOW	0.02	0.220	23.33	24.00	1.167	0.257	48#
		Left Tilt	0	43490	3590	1	LOW	0.07	0.177	23.33	24.00	1.167	0.207	/
		Right Cheek	0	43490	3590	1	LOW	0.04	0.175	23.33	24.00	1.167	0.204	/
		Right Tilt	0	43490	3590	1	LOW	-0.10	0.158	23.33	24.00	1.167	0.184	/
		Left Cheek	0	43490	3590	50	LOW	0.02	0.148	22.22	23.00	1.197	0.177	/
		Left Tilt	0	43490	3590	50	LOW	-0.07	0.145	22.22	23.00	1.197	0.174	/
		Right Cheek	0	43490	3590	50	LOW	0.01	0.135	22.22	23.00	1.197	0.162	/
		Right Tilt	0	43490	3590	50	LOW	-0.08	0.129	22.22	23.00	1.197	0.154	/
Body														
Anrt.5	QPSK	Front Side	10	43490	3590	1	LOW	0.08	0.046	23.33	24.00	1.167	0.054	/
		Back Side	10	43490	3590	1	LOW	0.04	0.085	23.33	24.00	1.167	0.099	52#
		Left Edge	10	43490	3590	1	LOW	0.05	0.028	23.33	24.00	1.167	0.033	/
		Right Edge	10	43490	3590	1	LOW	0.14	0.020	23.33	24.00	1.167	0.023	/
		Top Edge	10	43490	3590	1	LOW	-0.03	0.073	23.33	24.00	1.167	0.085	/
		Bottom Edge	10	43490	3590	1	LOW	-0.05	0.001	23.33	24.00	1.167	0.001	/
		Front Side	10	43490	3590	50	LOW	-0.06	0.040	22.22	23.00	1.197	0.048	/
		Back Side	10	43490	3590	50	LOW	0.10	0.067	22.22	23.00	1.197	0.080	/
		Left Edge	10	43490	3590	50	LOW	0.00	0.023	22.22	23.00	1.197	0.028	/
		Right Edge	10	43490	3590	50	LOW	-0.12	0.016	22.22	23.00	1.197	0.019	/
		Top Edge	10	43490	3590	50	LOW	0.03	0.066	22.22	23.00	1.197	0.079	/
		Bottom Edge	10	43490	3590	50	LOW	0.07	0.002	22.22	23.00	1.197	0.002	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.5	QPSK	Front Side	0	43490	3590	1	LOW	-0.12	0.135	23.33	24.00	1.167	0.158	/
		Back Side	0	43490	3590	1	LOW	-0.10	0.218	23.33	24.00	1.167	0.254	/
		Left Edge	0	43490	3590	1	LOW	-0.13	0.040	23.33	24.00	1.167	0.047	/
		Right Edge	0	43490	3590	1	LOW	-0.12	0.025	23.33	24.00	1.167	0.029	/
		Top Edge	0	43490	3590	1	LOW	-0.04	0.220	23.33	24.00	1.167	0.257	56#
		Bottom Edge	0	43490	3590	1	LOW	0.10	0.001	23.33	24.00	1.167	0.001	/
		Front Side	0	43490	3590	50	LOW	-0.08	0.111	22.22	23.00	1.197	0.133	/
		Back Side	0	43490	3590	50	LOW	0.00	0.170	22.22	23.00	1.197	0.203	/
		Left Edge	0	43490	3590	50	LOW	0.08	0.034	22.22	23.00	1.197	0.041	/
		Right Edge	0	43490	3590	50	LOW	0.04	0.020	22.22	23.00	1.197	0.024	/
		Top Edge	0	43490	3590	50	LOW	-0.08	0.178	22.22	23.00	1.197	0.213	/

		Bottom Edge	0	43490	3590	50	LOW	-0.15	0.001	22.22	23.00	1.197	0.001	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.19LTE Band 43 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.5	QPSK	Left Cheek	0	44590	3700	1	HIGH	0.13	0.169	23.62	24.00	1.091	0.184	/
		Left Tilt	0	44590	3700	1	HIGH	-0.09	0.183	23.62	24.00	1.091	0.200	49#
		Right Cheek	0	44590	3700	1	HIGH	-0.11	0.155	23.62	24.00	1.091	0.169	/
		Right Tilt	0	44590	3700	1	HIGH	-0.10	0.157	23.62	24.00	1.091	0.171	/
		Left Cheek	0	44590	3700	50	LOW	-0.13	0.139	22.49	23.00	1.125	0.156	/
		Left Tilt	0	44590	3700	50	LOW	0.08	0.140	22.49	23.00	1.125	0.157	/
		Right Cheek	0	44590	3700	50	LOW	0.06	0.121	22.49	23.00	1.125	0.136	/
		Right Tilt	0	44590	3700	50	LOW	-0.04	0.127	22.49	23.00	1.125	0.143	/
Body														
Anrt.5	QPSK	Front Side	10	44590	3700	1	HIGH	-0.02	0.065	23.62	24.00	1.091	0.071	/
		Back Side	10	44590	3700	1	HIGH	0.02	0.106	23.62	24.00	1.091	0.116	53#
		Left Edge	10	44590	3700	1	HIGH	0.05	0.054	23.62	24.00	1.091	0.059	/
		Right Edge	10	44590	3700	1	HIGH	-0.06	0.032	23.62	24.00	1.091	0.035	/
		Top Edge	10	44590	3700	1	HIGH	0.12	0.101	23.62	24.00	1.091	0.110	/
		Bottom Edge	10	44590	3700	1	HIGH	0.15	0.001	23.62	24.00	1.091	0.001	/
		Front Side	10	44590	3700	50	LOW	0.10	0.052	22.49	23.00	1.125	0.058	/
		Back Side	10	44590	3700	50	LOW	-0.09	0.087	22.49	23.00	1.125	0.098	/
		Left Edge	10	44590	3700	50	LOW	0.04	0.047	22.49	23.00	1.125	0.053	/
		Right Edge	10	44590	3700	50	LOW	0.07	0.025	22.49	23.00	1.125	0.028	/
		Top Edge	10	44590	3700	50	LOW	0.00	0.082	22.49	23.00	1.125	0.092	/
		Bottom Edge	10	44590	3700	50	LOW	0.07	0.001	22.49	23.00	1.125	0.001	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.5	QPSK	Front Side	0	44590	3700	1	HIGH	0.01	0.170	23.62	24.00	1.091	0.186	/
		Back Side	0	44590	3700	1	HIGH	0.05	0.185	23.62	24.00	1.091	0.202	/
		Left Edge	0	44590	3700	1	HIGH	-0.02	0.083	23.62	24.00	1.091	0.091	/
		Right Edge	0	44590	3700	1	HIGH	-0.05	0.040	23.62	24.00	1.091	0.044	/
		Top Edge	0	44590	3700	1	HIGH	0.02	0.191	23.62	24.00	1.091	0.208	57#
		Bottom Edge	0	44590	3700	1	HIGH	-0.09	0.003	23.62	24.00	1.091	0.003	/
		Front Side	0	44590	3700	50	LOW	-0.07	0.139	22.49	23.00	1.125	0.156	/
		Back Side	0	44590	3700	50	LOW	-0.04	0.149	22.49	23.00	1.125	0.168	/
		Left Edge	0	44590	3700	50	LOW	0.03	0.066	22.49	23.00	1.125	0.074	/
		Right Edge	0	44590	3700	50	LOW	0.11	0.029	22.49	23.00	1.125	0.033	/
		Top Edge	0	44590	3700	50	LOW	0.14	0.149	22.49	23.00	1.125	0.168	/

		Bottom Edge	0	44590	3700	50	LOW	-0.01	0.002	22.49	23.00	1.125	0.002	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.20NR n2 (40MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.4	DFT-s-OFDM BPSK	Left Cheek	0	376000	1880	1	108	0.07	0.266	24.95	25.00	1.012	0.269	/
		Left Tilt	0	376000	1880	1	108	-0.05	0.122	24.95	25.00	1.012	0.123	/
		Right Cheek	0	376000	1880	1	108	0.04	0.615	24.95	25.00	1.012	0.622	58#
		Right Tilt	0	376000	1880	1	108	-0.11	0.202	24.95	25.00	1.012	0.204	/
		Left Cheek	0	376000	1880	108	54	-0.02	0.266	24.81	25.00	1.045	0.278	/
		Left Tilt	0	376000	1880	108	54	-0.05	0.113	24.81	25.00	1.045	0.118	/
		Right Cheek	0	376000	1880	108	54	0.09	0.591	24.81	25.00	1.045	0.617	/
		Right Tilt	0	376000	1880	108	54	0.08	0.188	24.81	25.00	1.045	0.196	/
Body														
Anrt.4	DFT-s-OFDM BPSK	Front Side	10	376000	1880	1	108	0.11	0.060	24.95	25.00	1.012	0.061	/
		Back Side	10	376000	1880	1	108	0.01	0.266	24.95	25.00	1.012	0.269	/
		Left Edge	10	376000	1880	1	108	0.05	0.004	24.95	25.00	1.012	0.004	/
		Right Edge	10	376000	1880	1	108	0.02	0.308	24.95	25.00	1.012	0.312	70#
		Top Edge	10	376000	1880	1	108	-0.13	0.029	24.95	25.00	1.012	0.029	/
		Bottom Edge	10	376000	1880	1	108	0.05	0.003	24.95	25.00	1.012	0.003	/
		Front Side	10	376000	1880	108	54	-0.08	0.055	24.81	25.00	1.045	0.057	/
		Back Side	10	376000	1880	108	54	-0.13	0.215	24.81	25.00	1.045	0.225	/
		Left Edge	10	376000	1880	108	54	-0.05	0.002	24.81	25.00	1.045	0.002	/
		Right Edge	10	376000	1880	108	54	0.14	0.276	24.81	25.00	1.045	0.288	/
		Top Edge	10	376000	1880	108	54	0.05	0.029	24.81	25.00	1.045	0.030	/
		Bottom Edge	10	376000	1880	108	54	-0.10	0.002	24.81	25.00	1.045	0.002	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.4	DFT-s-OFDM BPSK	Front Side	0	376000	1880	1	108	-0.03	0.212	24.95	25.00	1.012	0.214	/
		Back Side	0	376000	1880	1	108	-0.02	0.790	24.95	25.00	1.012	0.799	/
		Left Edge	0	376000	1880	1	108	-0.11	0.006	24.95	25.00	1.012	0.006	/
		Right Edge	0	376000	1880	1	108	0.10	0.953	24.95	25.00	1.012	0.964	/
		Top Edge	0	376000	1880	1	108	-0.09	0.072	24.95	25.00	1.012	0.073	/
		Bottom Edge	0	376000	1880	1	108	-0.02	0.003	24.95	25.00	1.012	0.003	/
		Front Side	0	376000	1880	108	54	-0.11	0.253	24.81	25.00	1.045	0.264	/
		Back Side	0	376000	1880	108	54	-0.04	0.994	24.81	25.00	1.045	1.038	/
		Left Edge	0	376000	1880	108	54	-0.02	0.008	24.81	25.00	1.045	0.008	/
		Right Edge	0	376000	1880	108	54	-0.03	1.110	24.81	25.00	1.045	1.160	82#
		Top Edge	0	376000	1880	108	54	0.07	0.091	24.81	25.00	1.045	0.095	/

		Bottom Edge	0	376000	1880	108	54	0.03	0.002	24.81	25.00	1.045	0.002	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.21 NR n5 (25MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	DFT-s-OFDM BPSK	Left Cheek	0	167300	836.5	1	131	-0.13	0.085	23.46	24.00	1.132	0.096	/
		Left Tilt	0	167300	836.5	1	131	-0.06	0.072	23.46	24.00	1.132	0.082	/
		Right Cheek	0	167300	836.5	1	131	-0.04	0.125	23.46	24.00	1.132	0.142	59#
		Right Tilt	0	167300	836.5	1	131	0.09	0.082	23.46	24.00	1.132	0.093	/
		Left Cheek	0	167300	836.5	64	0	-0.04	0.075	23.49	24.00	1.125	0.084	/
		Left Tilt	0	167300	836.5	64	0	0.01	0.064	23.49	24.00	1.125	0.072	/
		Right Cheek	0	167300	836.5	64	0	0.14	0.114	23.49	24.00	1.125	0.128	/
		Right Tilt	0	167300	836.5	64	0	0.09	0.070	23.49	24.00	1.125	0.079	/
Body														
Anrt.1	DFT-s-OFDM BPSK	Front Side	10	167300	836.5	1	131	0.09	0.131	23.46	24.00	1.132	0.148	/
		Back Side	10	167300	836.5	1	131	0.03	0.538	23.46	24.00	1.132	0.609	/
		Left Edge	10	167300	836.5	1	131	0.08	0.128	23.46	24.00	1.132	0.145	/
		Right Edge	10	167300	836.5	1	131	-0.15	0.013	23.46	24.00	1.132	0.015	/
		Top Edge	10	167300	836.5	1	131	0.12	0.008	23.46	24.00	1.132	0.009	/
		Bottom Edge	10	167300	836.5	1	131	-0.06	0.287	23.46	24.00	1.132	0.325	/
		Front Side	10	167300	836.5	64	0	0.03	0.152	23.49	24.00	1.125	0.171	/
		Back Side	10	167300	836.5	64	0	-0.10	0.644	23.49	24.00	1.125	0.724	71#
		Left Edge	10	167300	836.5	64	0	0.15	0.131	23.49	24.00	1.125	0.147	/
		Right Edge	10	167300	836.5	64	0	-0.04	0.009	23.49	24.00	1.125	0.010	/
		Top Edge	10	167300	836.5	64	0	-0.10	0.003	23.49	24.00	1.125	0.003	/
		Bottom Edge	10	167300	836.5	64	0	0.10	0.362	23.49	24.00	1.125	0.407	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.1	DFT-s-OFDM BPSK	Front Side	0	167300	836.5	1	131	0.13	0.367	23.46	24.00	1.132	0.416	/
		Back Side	0	167300	836.5	1	131	-0.01	0.514	23.46	24.00	1.132	0.582	/
		Left Edge	0	167300	836.5	1	131	0.01	0.206	23.46	24.00	1.132	0.233	/
		Right Edge	0	167300	836.5	1	131	0.05	0.052	23.46	24.00	1.132	0.059	/
		Top Edge	0	167300	836.5	1	131	-0.06	0.006	23.46	24.00	1.132	0.007	/
		Bottom Edge	0	167300	836.5	1	131	0.03	0.588	23.46	24.00	1.132	0.666	/
		Front Side	0	167300	836.5	64	0	-0.12	0.347	23.49	24.00	1.125	0.390	/
		Back Side	0	167300	836.5	64	0	-0.02	0.693	23.49	24.00	1.125	0.779	83#
		Left Edge	0	167300	836.5	64	0	0.05	0.256	23.49	24.00	1.125	0.288	/
		Right Edge	0	167300	836.5	64	0	-0.13	0.053	23.49	24.00	1.125	0.060	/
		Top Edge	0	167300	836.5	64	0	-0.13	0.005	23.49	24.00	1.125	0.006	/

		Bottom Edge	0	167300	836.5	64	0	0.10	0.580	23.49	24.00	1.125	0.652	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.22NR n7 (50MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.2	DFT-s-OFDM BPSK	Left Cheek	0	507000	2535	1	135	-0.04	0.239	23.66	24.00	1.081	0.258	60#
		Left Tilt	0	507000	2535	1	135	0.11	0.063	23.66	24.00	1.081	0.068	/
		Right Cheek	0	507000	2535	1	135	-0.02	0.150	23.66	24.00	1.081	0.162	/
		Right Tilt	0	507000	2535	1	135	-0.09	0.096	23.66	24.00	1.081	0.104	/
		Left Cheek	0	507000	2535	135	68	-0.12	0.191	23.56	24.00	1.107	0.211	/
		Left Tilt	0	507000	2535	135	68	-0.04	0.052	23.56	24.00	1.107	0.058	/
		Right Cheek	0	507000	2535	135	68	-0.04	0.124	23.56	24.00	1.107	0.137	/
		Right Tilt	0	507000	2535	135	68	0.08	0.079	23.56	24.00	1.107	0.087	/
Body														
Anrt.2	DFT-s-OFDM BPSK	Front Side	10	507000	2535	1	135	-0.15	0.023	23.66	24.00	1.081	0.025	/
		Back Side	10	507000	2535	1	135	0.12	0.094	23.66	24.00	1.081	0.102	/
		Left Edge	10	507000	2535	1	135	-0.07	0.001	23.66	24.00	1.081	0.001	/
		Right Edge	10	507000	2535	1	135	-0.15	0.042	23.66	24.00	1.081	0.045	/
		Top Edge	10	507000	2535	1	135	0.12	0.001	23.66	24.00	1.081	0.001	/
		Bottom Edge	10	507000	2535	1	135	-0.09	0.024	23.66	24.00	1.081	0.026	/
		Front Side	10	507000	2535	135	68	-0.01	0.026	23.56	24.00	1.107	0.029	/
		Back Side	10	507000	2535	135	68	0.00	0.139	23.56	24.00	1.107	0.154	72#
		Left Edge	10	507000	2535	135	68	-0.09	0.001	23.56	24.00	1.107	0.001	/
		Right Edge	10	507000	2535	135	68	0.10	0.045	23.56	24.00	1.107	0.050	/
		Top Edge	10	507000	2535	135	68	0.13	0.001	23.56	24.00	1.107	0.001	/
		Bottom Edge	10	507000	2535	135	68	0.12	0.031	23.56	24.00	1.107	0.034	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.2	DFT-s-OFDM BPSK	Front Side	0	507000	2535	1	135	-0.09	0.108	23.66	24.00	1.081	0.117	/
		Back Side	0	507000	2535	1	135	-0.01	0.475	23.66	24.00	1.081	0.514	84#
		Left Edge	0	507000	2535	1	135	0.05	0.008	23.66	24.00	1.081	0.009	/
		Right Edge	0	507000	2535	1	135	-0.01	0.291	23.66	24.00	1.081	0.315	/
		Top Edge	0	507000	2535	1	135	0.13	0.005	23.66	24.00	1.081	0.005	/
		Bottom Edge	0	507000	2535	1	135	0.07	0.137	23.66	24.00	1.081	0.148	/
		Front Side	0	507000	2535	135	68	0.15	0.137	23.56	24.00	1.107	0.152	/
		Back Side	0	507000	2535	135	68	0.11	0.415	23.56	24.00	1.107	0.459	/
		Left Edge	0	507000	2535	135	68	0.15	0.003	23.56	24.00	1.107	0.003	/
		Right Edge	0	507000	2535	135	68	-0.02	0.276	23.56	24.00	1.107	0.305	/
		Top Edge	0	507000	2535	135	68	-0.04	0.003	23.56	24.00	1.107	0.003	/

		Bottom Edge	0	507000	2535	135	68	0.05	0.123	23.56	24.00	1.107	0.136	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.23NR n26 (20MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	DFT-s-OFDM BPSK	Left Cheek	0	166300	831.5	1	53	0.13	0.087	23.56	24.00	1.107	0.096	/
		Left Tilt	0	166300	831.5	1	53	-0.03	0.079	23.56	24.00	1.107	0.087	/
		Right Cheek	0	166300	831.5	1	53	0.01	0.124	23.56	24.00	1.107	0.137	61#
		Right Tilt	0	166300	831.5	1	53	0.04	0.082	23.56	24.00	1.107	0.091	/
		Left Cheek	0	166300	831.5	50	28	-0.01	0.071	23.32	24.00	1.169	0.083	/
		Left Tilt	0	166300	831.5	50	28	-0.03	0.060	23.32	24.00	1.169	0.070	/
		Right Cheek	0	166300	831.5	50	28	0.09	0.103	23.32	24.00	1.169	0.120	/
		Right Tilt	0	166300	831.5	50	28	-0.09	0.069	23.32	24.00	1.169	0.081	/
Body														
Anrt.1	DFT-s-OFDM BPSK	Front Side	10	166300	831.5	1	53	0.09	0.164	23.56	24.00	1.107	0.181	/
		Back Side	10	166300	831.5	1	53	0.00	0.641	23.56	24.00	1.107	0.709	73#
		Left Edge	10	166300	831.5	1	53	0.14	0.173	23.56	24.00	1.107	0.191	/
		Right Edge	10	166300	831.5	1	53	-0.06	0.012	23.56	24.00	1.107	0.013	/
		Top Edge	10	166300	831.5	1	53	0.03	0.007	23.56	24.00	1.107	0.008	/
		Bottom Edge	10	166300	831.5	1	53	0.11	0.361	23.56	24.00	1.107	0.399	/
		Front Side	10	166300	831.5	50	28	0.12	0.157	23.32	24.00	1.169	0.184	/
		Back Side	10	166300	831.5	50	28	-0.03	0.605	23.32	24.00	1.169	0.708	/
		Left Edge	10	166300	831.5	50	28	0.08	0.139	23.32	24.00	1.169	0.163	/
		Right Edge	10	166300	831.5	50	28	-0.01	0.010	23.32	24.00	1.169	0.012	/
		Top Edge	10	166300	831.5	50	28	0.13	0.005	23.32	24.00	1.169	0.006	/
		Bottom Edge	10	166300	831.5	50	28	0.06	0.363	23.32	24.00	1.169	0.425	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.1	DFT-s-OFDM BPSK	Front Side	0	166300	831.5	1	53	-0.14	0.448	23.56	24.00	1.107	0.496	/
		Back Side	0	166300	831.5	1	53	-0.12	0.574	23.56	24.00	1.107	0.635	/
		Left Edge	0	166300	831.5	1	53	-0.15	0.327	23.56	24.00	1.107	0.362	/
		Right Edge	0	166300	831.5	1	53	-0.05	0.068	23.56	24.00	1.107	0.075	/
		Top Edge	0	166300	831.5	1	53	-0.13	0.008	23.56	24.00	1.107	0.009	/
		Bottom Edge	0	166300	831.5	1	53	0.00	0.742	23.56	24.00	1.107	0.821	85#
		Front Side	0	166300	831.5	50	28	0.04	0.436	23.32	24.00	1.169	0.510	/
		Back Side	0	166300	831.5	50	28	-0.03	0.701	23.32	24.00	1.169	0.820	/
		Left Edge	0	166300	831.5	50	28	-0.11	0.324	23.32	24.00	1.169	0.379	/
		Right Edge	0	166300	831.5	50	28	-0.03	0.065	23.32	24.00	1.169	0.076	/
		Top Edge	0	166300	831.5	50	28	-0.07	0.006	23.32	24.00	1.169	0.007	/

		Bottom Edge	0	166300	831.5	50	28	0.02	0.673	23.32	24.00	1.169	0.787	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.24NR n66 (45MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.4	DFT-s-OFDM BPSK	Left Cheek	0	349000	1745	1	240	0.13	0.266	24.59	25.00	1.099	0.292	/
		Left Tilt	0	349000	1745	1	240	-0.04	0.145	24.59	25.00	1.099	0.159	/
		Right Cheek	0	349000	1745	1	240	-0.03	0.475	24.59	25.00	1.099	0.522	62#
		Right Tilt	0	349000	1745	1	240	0.15	0.173	24.59	25.00	1.099	0.190	/
		Left Cheek	0	349000	1745	120	120	0.02	0.214	24.29	25.00	1.178	0.252	/
		Left Tilt	0	349000	1745	120	120	-0.03	0.124	24.29	25.00	1.178	0.146	/
		Right Cheek	0	349000	1745	120	120	0.01	0.399	24.29	25.00	1.178	0.470	/
		Right Tilt	0	349000	1745	120	120	-0.09	0.163	24.29	25.00	1.178	0.192	/
Body														
Anrt.4	DFT-s-OFDM BPSK	Front Side	10	349000	1745	1	240	0.06	0.039	24.59	25.00	1.099	0.043	/
		Back Side	10	349000	1745	1	240	0.12	0.176	24.59	25.00	1.099	0.193	/
		Left Edge	10	349000	1745	1	240	-0.14	0.004	24.59	25.00	1.099	0.004	/
		Right Edge	10	349000	1745	1	240	0.06	0.133	24.59	25.00	1.099	0.146	/
		Top Edge	10	349000	1745	1	240	0.12	0.002	24.59	25.00	1.099	0.002	/
		Bottom Edge	10	349000	1745	1	240	-0.05	0.001	24.59	25.00	1.099	0.001	/
		Front Side	10	349000	1745	120	120	0.04	0.045	24.29	25.00	1.178	0.053	/
		Back Side	10	349000	1745	120	120	0.02	0.209	24.29	25.00	1.178	0.246	74#
		Left Edge	10	349000	1745	120	120	0.03	0.005	24.29	25.00	1.178	0.006	/
		Right Edge	10	349000	1745	120	120	-0.11	0.160	24.29	25.00	1.178	0.188	/
		Top Edge	10	349000	1745	120	120	0.07	0.002	24.29	25.00	1.178	0.002	/
		Bottom Edge	10	349000	1745	120	120	0.11	0.001	24.29	25.00	1.178	0.001	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.4	DFT-s-OFDM BPSK	Front Side	0	349000	1745	1	240	0.00	0.137	24.59	25.00	1.099	0.151	/
		Back Side	0	349000	1745	1	240	-0.09	0.504	24.59	25.00	1.099	0.554	/
		Left Edge	0	349000	1745	1	240	-0.03	0.014	24.59	25.00	1.099	0.015	/
		Right Edge	0	349000	1745	1	240	-0.13	0.520	24.59	25.00	1.099	0.571	/
		Top Edge	0	349000	1745	1	240	-0.05	0.030	24.59	25.00	1.099	0.033	/
		Bottom Edge	0	349000	1745	1	240	0.07	0.004	24.59	25.00	1.099	0.004	/
		Front Side	0	349000	1745	120	120	-0.11	0.149	24.29	25.00	1.178	0.175	/
		Back Side	0	349000	1745	120	120	0.11	0.504	24.29	25.00	1.178	0.594	/
		Left Edge	0	349000	1745	120	120	0.08	0.015	24.29	25.00	1.178	0.018	/
		Right Edge	0	349000	1745	120	120	0.05	0.591	24.29	25.00	1.178	0.696	86#
		Top Edge	0	349000	1745	120	120	-0.13	0.036	24.29	25.00	1.178	0.042	/

		Bottom Edge	0	349000	1745	120	120	0.04	0.002	24.29	25.00	1.178	0.002	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.25NR n71 (35MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.1	DFT-s-OFDM BPSK	Left Cheek	0	136100	680.5	1	90	0.05	0.050	23.54	24.00	1.112	0.056	/
		Left Tilt	0	136100	680.5	1	90	0.03	0.040	23.54	24.00	1.112	0.044	/
		Right Cheek	0	136100	680.5	1	90	-0.03	0.068	23.54	24.00	1.112	0.076	63#
		Right Tilt	0	136100	680.5	1	90	-0.15	0.040	23.54	24.00	1.112	0.044	/
		Left Cheek	0	136100	680.5	90	45	-0.04	0.039	23.56	24.00	1.107	0.043	/
		Left Tilt	0	136100	680.5	90	45	0.01	0.020	23.56	24.00	1.107	0.022	/
		Right Cheek	0	136100	680.5	90	45	0.01	0.057	23.56	24.00	1.107	0.063	/
		Right Tilt	0	136100	680.5	90	45	0.14	0.031	23.56	24.00	1.107	0.034	/
Body														
Anrt.1	DFT-s-OFDM BPSK	Front Side	10	136100	680.5	1	90	-0.02	0.086	23.54	24.00	1.112	0.096	/
		Back Side	10	136100	680.5	1	90	0.02	0.339	23.54	24.00	1.112	0.377	75#
		Left Edge	10	136100	680.5	1	90	-0.05	0.177	23.54	24.00	1.112	0.197	/
		Right Edge	10	136100	680.5	1	90	0.05	0.063	23.54	24.00	1.112	0.070	/
		Top Edge	10	136100	680.5	1	90	0.06	0.009	23.54	24.00	1.112	0.010	/
		Bottom Edge	10	136100	680.5	1	90	-0.13	0.149	23.54	24.00	1.112	0.166	/
		Front Side	10	136100	680.5	90	45	-0.02	0.091	23.56	24.00	1.107	0.101	/
		Back Side	10	136100	680.5	90	45	-0.13	0.338	23.56	24.00	1.107	0.374	/
		Left Edge	10	136100	680.5	90	45	-0.12	0.148	23.56	24.00	1.107	0.164	/
		Right Edge	10	136100	680.5	90	45	-0.04	0.028	23.56	24.00	1.107	0.031	/
		Top Edge	10	136100	680.5	90	45	0.00	0.003	23.56	24.00	1.107	0.003	/
		Bottom Edge	10	136100	680.5	90	45	0.13	0.185	23.56	24.00	1.107	0.205	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.1	DFT-s-OFDM BPSK	Front Side	0	136100	680.5	1	90	0.09	0.224	23.54	24.00	1.112	0.249	/
		Back Side	0	136100	680.5	1	90	0.00	0.548	23.54	24.00	1.112	0.609	87#
		Left Edge	0	136100	680.5	1	90	0.09	0.241	23.54	24.00	1.112	0.268	/
		Right Edge	0	136100	680.5	1	90	0.04	0.036	23.54	24.00	1.112	0.040	/
		Top Edge	0	136100	680.5	1	90	-0.05	0.005	23.54	24.00	1.112	0.006	/
		Bottom Edge	0	136100	680.5	1	90	0.14	0.524	23.54	24.00	1.112	0.583	/
		Front Side	0	136100	680.5	90	45	0.12	0.235	23.56	24.00	1.107	0.260	/
		Back Side	0	136100	680.5	90	45	-0.10	0.501	23.56	24.00	1.107	0.554	/
		Left Edge	0	136100	680.5	90	45	-0.13	0.222	23.56	24.00	1.107	0.246	/
		Right Edge	0	136100	680.5	90	45	0.09	0.035	23.56	24.00	1.107	0.039	/
		Top Edge	0	136100	680.5	90	45	-0.05	0.004	23.56	24.00	1.107	0.004	/

		Bottom Edge	0	136100	680.5	90	45	-0.04	0.478	23.56	24.00	1.107	0.529	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.26NR n38 (40MHz Bandwidth)

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Anrt.2	DFT-s-OFDM BPSK	Left Cheek	0	519000	2595	1	53	0.03	0.200	23.92	25.00	1.282	0.256	64#
		Left Tilt	0	519000	2595	1	53	-0.13	0.068	23.92	25.00	1.282	0.087	/
		Right Cheek	0	519000	2595	1	53	0.07	0.125	23.92	25.00	1.282	0.160	/
		Right Tilt	0	519000	2595	1	53	0.03	0.112	23.92	25.00	1.282	0.144	/
		Left Cheek	0	519000	2595	50	28	-0.11	0.155	23.70	25.00	1.349	0.209	/
		Left Tilt	0	519000	2595	50	28	0.10	0.058	23.70	25.00	1.349	0.078	/
		Right Cheek	0	519000	2595	50	28	-0.10	0.097	23.70	25.00	1.349	0.131	/
		Right Tilt	0	519000	2595	50	28	0.14	0.080	23.70	25.00	1.349	0.108	/
Body														
Anrt.2	DFT-s-OFDM BPSK	Front Side	10	519000	2595	1	53	-0.03	0.067	23.92	25.00	1.282	0.086	/
		Back Side	10	519000	2595	1	53	0.05	0.215	23.92	25.00	1.282	0.276	/
		Left Edge	10	519000	2595	1	53	0.02	0.004	23.92	25.00	1.282	0.005	/
		Right Edge	10	519000	2595	1	53	-0.03	0.093	23.92	25.00	1.282	0.119	/
		Top Edge	10	519000	2595	1	53	-0.03	0.002	23.92	25.00	1.282	0.003	/
		Bottom Edge	10	519000	2595	1	53	0.05	0.067	23.92	25.00	1.282	0.086	/
		Front Side	10	519000	2595	50	28	-0.09	0.062	23.70	25.00	1.349	0.084	/
		Back Side	10	519000	2595	50	28	0.04	0.229	23.70	25.00	1.349	0.309	76#
		Left Edge	10	519000	2595	50	28	0.09	0.003	23.70	25.00	1.349	0.004	/
		Right Edge	10	519000	2595	50	28	-0.05	0.099	23.70	25.00	1.349	0.134	/
		Top Edge	10	519000	2595	50	28	-0.10	0.002	23.70	25.00	1.349	0.003	/
		Bottom Edge	10	519000	2595	50	28	-0.14	0.067	23.70	25.00	1.349	0.090	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Anrt.2	DFT-s-OFDM BPSK	Front Side	0	519000	2595	1	53	-0.10	0.182	23.92	25.00	1.282	0.233	/
		Back Side	0	519000	2595	1	53	-0.07	0.531	23.92	25.00	1.282	0.681	/
		Left Edge	0	519000	2595	1	53	-0.14	0.008	23.92	25.00	1.282	0.010	/
		Right Edge	0	519000	2595	1	53	-0.11	0.317	23.92	25.00	1.282	0.406	/
		Top Edge	0	519000	2595	1	53	-0.10	0.010	23.92	25.00	1.282	0.013	/
		Bottom Edge	0	519000	2595	1	53	-0.15	0.228	23.92	25.00	1.282	0.292	/
		Front Side	0	519000	2595	50	28	0.01	0.280	23.70	25.00	1.349	0.378	/
		Back Side	0	519000	2595	50	28	0.00	0.730	23.70	25.00	1.349	0.985	88#
		Left Edge	0	519000	2595	50	28	-0.09	0.013	23.70	25.00	1.349	0.018	/
		Right Edge	0	519000	2595	50	28	-0.03	0.456	23.70	25.00	1.349	0.615	/
		Top Edge	0	519000	2595	50	28	-0.15	0.015	23.70	25.00	1.349	0.020	/

		Bottom Edge	0	519000	2595	50	28	0.04	0.231	23.70	25.00	1.349	0.312	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.27NR n41 (100MHz Bandwidth)

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas . No.
Head															
n41(PC3)	Anrt.2	DFT-s-OFDM BPSK	Left Cheek	0	518598	2592.99	1	1	0.06	0.112	23.98	25.00	1.265	0.142	65#
			Left Tilt	0	518598	2592.99	1	1	0.06	0.022	23.98	25.00	1.265	0.028	/
			Right Cheek	0	518598	2592.99	1	1	-0.05	0.044	23.98	25.00	1.265	0.056	/
			Right Tilt	0	518598	2592.99	1	1	-0.15	0.033	23.98	25.00	1.265	0.042	/
			Left Cheek	0	518598	2592.99	135	0	0.06	0.105	23.87	25.00	1.297	0.136	/
			Left Tilt	0	518598	2592.99	135	0	-0.04	0.019	23.87	25.00	1.297	0.025	/
			Right Cheek	0	518598	2592.99	135	0	-0.08	0.041	23.87	25.00	1.297	0.053	/
			Right Tilt	0	518598	2592.99	135	0	-0.15	0.030	23.87	25.00	1.297	0.039	/
n41(PC2)	Anrt.2	DFT-s-OFDM BPSK	Left Cheek	0	528000	2640	1	1	-0.07	0.118	27.30	28.00	1.175	0.139	/
			Left Tilt	0	528000	2640	1	1	0.03	0.023	27.30	28.00	1.175	0.027	/
			Right Cheek	0	528000	2640	1	1	0.15	0.046	27.30	28.00	1.175	0.054	/
			Right Tilt	0	528000	2640	1	1	0.00	0.031	27.30	28.00	1.175	0.036	/
			Left Cheek	0	509202	2546.01	135	69	0.08	0.110	27.25	28.00	1.189	0.131	/
			Left Tilt	0	509202	2546.01	135	69	0.08	0.021	27.25	28.00	1.189	0.025	/
			Right Cheek	0	509202	2546.01	135	69	-0.05	0.043	27.25	28.00	1.189	0.051	/
			Right Tilt	0	509202	2546.01	135	69	0.09	0.032	27.25	28.00	1.189	0.038	/
Body															
n41(PC3)	Anrt.2	DFT-s-OFDM BPSK	Front Side	10	518598	2592.99	1	1	0.12	0.087	23.98	25.00	1.265	0.110	/
			Back Side	10	518598	2592.99	1	1	-0.05	0.288	23.98	25.00	1.265	0.364	/
			Left Edge	10	518598	2592.99	1	1	0.13	0.004	23.98	25.00	1.265	0.005	/
			Right Edge	10	518598	2592.99	1	1	-0.03	0.138	23.98	25.00	1.265	0.175	/
			Top Edge	10	518598	2592.99	1	1	-0.09	0.003	23.98	25.00	1.265	0.004	/
			Bottom Edge	10	518598	2592.99	1	1	-0.02	0.086	23.98	25.00	1.265	0.109	/
			Front Side	10	518598	2592.99	135	0	-0.14	0.083	23.87	25.00	1.297	0.108	/
			Back Side	10	518598	2592.99	135	0	0.02	0.290	23.87	25.00	1.297	0.376	77#
			Left Edge	10	518598	2592.99	135	0	0.14	0.003	23.87	25.00	1.297	0.004	/
			Right Edge	10	518598	2592.99	135	0	0.05	0.195	23.87	25.00	1.297	0.253	/
			Top Edge	10	518598	2592.99	135	0	0.03	0.002	23.87	25.00	1.297	0.003	/
			Bottom Edge	10	518598	2592.99	135	0	0.06	0.082	23.87	25.00	1.297	0.106	/
n41(PC2)	Anrt.2	DFT-s-OFDM BPSK	Front Side	10	518598	2592.99	1	1	-0.10	0.085	27.30	28.00	1.175	0.100	/
			Back Side	10	518598	2592.99	1	1	-0.03	0.274	27.30	28.00	1.175	0.322	/
			Left Edge	10	518598	2592.99	1	1	-0.08	0.003	27.30	28.00	1.175	0.004	/
			Right Edge	10	518598	2592.99	1	1	-0.08	0.133	27.30	28.00	1.175	0.156	/
			Top Edge	10	518598	2592.99	1	1	0.12	0.002	27.30	28.00	1.175	0.002	/
			Bottom Edge	10	518598	2592.99	1	1	0.01	0.077	27.30	28.00	1.175	0.090	/
			Front Side	10	518598	2592.99	135	69	0.10	0.074	27.25	28.00	1.189	0.088	/

			Back Side	10	518598	2592.99	135	69	0.02	0.279	27.25	28.00	1.189	0.332	/
			Left Edge	10	518598	2592.99	135	69	0.00	0.020	27.25	28.00	1.189	0.024	/
			Right Edge	10	518598	2592.99	135	69	-0.08	0.189	27.25	28.00	1.189	0.225	/
			Top Edge	10	518598	2592.99	135	69	-0.09	0.020	27.25	28.00	1.189	0.024	/
			Bottom Edge	10	518598	2592.99	135	69	0.10	0.078	27.25	28.00	1.189	0.093	/
Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas . No.
Extremity															
n41(PC3)	Anrt.2	DFT-s- OFDM BPSK	Front Side	0	518598	2592.99	1	1	0.14	0.283	23.98	25.00	1.265	0.358	/
			Back Side	0	518598	2592.99	1	1	0.10	0.653	23.98	25.00	1.265	0.826	/
			Left Edge	0	518598	2592.99	1	1	-0.10	0.012	23.98	25.00	1.265	0.015	/
			Right Edge	0	518598	2592.99	1	1	-0.14	0.473	23.98	25.00	1.265	0.598	/
			Top Edge	0	518598	2592.99	1	1	-0.13	0.013	23.98	25.00	1.265	0.016	/
			Bottom Edge	0	518598	2592.99	1	1	0.07	0.223	23.98	25.00	1.265	0.282	/
			Front Side	0	518598	2592.99	135	0	0.15	0.402	23.87	25.00	1.297	0.521	/
			Back Side	0	518598	2592.99	135	0	-0.02	0.915	23.87	25.00	1.297	1.187	89#
			Left Edge	0	518598	2592.99	135	0	0.09	0.018	23.87	25.00	1.297	0.023	/
			Right Edge	0	518598	2592.99	135	0	-0.10	0.648	23.87	25.00	1.297	0.841	/
			Top Edge	0	518598	2592.99	135	0	-0.07	0.020	23.87	25.00	1.297	0.026	/
			Bottom Edge	0	518598	2592.99	135	0	-0.06	0.338	23.87	25.00	1.297	0.438	/
n41(PC2)	Anrt.2	DFT-s- OFDM BPSK	Front Side	0	518598	2592.99	1	1	0.06	0.266	27.30	28.00	1.175	0.313	/
			Back Side	0	518598	2592.99	1	1	0.12	0.648	27.30	28.00	1.175	0.761	/
			Left Edge	0	518598	2592.99	1	1	-0.08	0.009	27.30	28.00	1.175	0.011	/
			Right Edge	0	518598	2592.99	1	1	-0.02	0.461	27.30	28.00	1.175	0.542	/
			Top Edge	0	518598	2592.99	1	1	-0.02	0.010	27.30	28.00	1.175	0.012	/
			Bottom Edge	0	518598	2592.99	1	1	0.09	0.211	27.30	28.00	1.175	0.248	/
			Front Side	0	518598	2592.99	135	69	0.07	0.396	27.25	28.00	1.189	0.471	/
			Back Side	0	518598	2592.99	135	69	-0.04	0.896	27.25	28.00	1.189	1.065	/
			Left Edge	0	518598	2592.99	135	69	-0.07	0.013	27.25	28.00	1.189	0.015	/
			Right Edge	0	518598	2592.99	135	69	-0.03	0.627	27.25	28.00	1.189	0.745	/
			Top Edge	0	518598	2592.99	135	69	-0.01	0.012	27.25	28.00	1.189	0.014	/
			Bottom Edge	0	518598	2592.99	135	69	0.08	0.625	27.25	28.00	1.189	0.743	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

9.28NR n77 (3450MHz-3550MHz) (100MHz Bandwidth)

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas . No.
Head															
n77(PC3)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	633334	3500.01	1	271	-0.12	0.202	23.44	25.00	1.432	0.289	66#
			Left Tilt	0	633334	3500.01	1	271	0.05	0.170	23.44	25.00	1.432	0.243	/
			Right Cheek	0	633334	3500.01	1	271	0.11	0.198	23.44	25.00	1.432	0.284	/
			Right Tilt	0	633334	3500.01	1	271	-0.03	0.186	23.44	25.00	1.432	0.266	/
			Left Cheek	0	633334	3500.01	135	138	-0.08	0.195	23.49	25.00	1.416	0.276	/
			Left Tilt	0	633334	3500.01	135	138	0.11	0.149	23.49	25.00	1.416	0.211	/
			Right Cheek	0	633334	3500.01	135	138	-0.02	0.172	23.49	25.00	1.416	0.244	/
			Right Tilt	0	633334	3500.01	135	138	-0.04	0.169	23.49	25.00	1.416	0.239	/
n77(PC2)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	633334	3500.01	1	271	0.08	0.196	26.43	28.00	1.435	0.281	/
			Left Tilt	0	633334	3500.01	1	271	0.15	0.165	26.43	28.00	1.435	0.237	/
			Right Cheek	0	633334	3500.01	1	271	-0.11	0.193	26.43	28.00	1.435	0.277	/
			Right Tilt	0	633334	3500.01	1	271	-0.04	0.185	26.43	28.00	1.435	0.266	/
			Left Cheek	0	633334	3500.01	135	69	-0.04	0.193	26.43	28.00	1.435	0.277	/
			Left Tilt	0	633334	3500.01	135	69	-0.12	0.162	26.43	28.00	1.435	0.233	/
			Right Cheek	0	633334	3500.01	135	69	-0.04	0.190	26.43	28.00	1.435	0.273	/
			Right Tilt	0	633334	3500.01	135	69	-0.14	0.182	26.43	28.00	1.435	0.261	/
Body															
n77(PC3)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	633334	3500.01	1	271	-0.10	0.019	23.44	25.00	1.432	0.027	/
			Back Side	10	633334	3500.01	1	271	0.01	0.041	23.44	25.00	1.432	0.059	78#
			Left Edge	10	633334	3500.01	1	271	-0.11	0.011	23.44	25.00	1.432	0.016	/
			Right Edge	10	633334	3500.01	1	271	0.03	0.008	23.44	25.00	1.432	0.011	/
			Top Edge	10	633334	3500.01	1	271	-0.15	0.033	23.44	25.00	1.432	0.047	/
			Bottom Edge	10	633334	3500.01	1	271	0.08	0.002	23.44	25.00	1.432	0.003	/
			Front Side	10	633334	3500.01	135	138	0.10	0.018	23.49	25.00	1.416	0.025	/
			Back Side	10	633334	3500.01	135	138	0.07	0.036	23.49	25.00	1.416	0.051	/
			Left Edge	10	633334	3500.01	135	138	0.01	0.010	23.49	25.00	1.416	0.014	/
			Right Edge	10	633334	3500.01	135	138	-0.15	0.008	23.49	25.00	1.416	0.011	/
			Top Edge	10	633334	3500.01	135	138	0.09	0.035	23.49	25.00	1.416	0.050	/
			Bottom Edge	10	633334	3500.01	135	138	-0.07	0.001	23.49	25.00	1.416	0.001	/
n77(PC2)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	633334	3500.01	1	271	-0.01	0.017	26.43	28.00	1.435	0.024	/
			Back Side	10	633334	3500.01	1	271	0.12	0.039	26.43	28.00	1.435	0.056	/
			Left Edge	10	633334	3500.01	1	271	-0.06	0.008	26.43	28.00	1.435	0.011	/
			Right Edge	10	633334	3500.01	1	271	0.07	0.007	26.43	28.00	1.435	0.010	/
			Top Edge	10	633334	3500.01	1	271	-0.08	0.031	26.43	28.00	1.435	0.045	/
			Bottom Edge	10	633334	3500.01	1	271	-0.02	0.002	26.43	28.00	1.435	0.003	/
			Front Side	10	633334	3500.01	135	69	0.10	0.018	26.43	28.00	1.435	0.026	/

			Back Side	10	633334	3500.01	135	69	-0.08	0.037	26.43	28.00	1.435	0.053	/
			Left Edge	10	633334	3500.01	135	69	0.09	0.008	26.43	28.00	1.435	0.011	/
			Right Edge	10	633334	3500.01	135	69	0.00	0.007	26.43	28.00	1.435	0.010	/
			Top Edge	10	633334	3500.01	135	69	0.12	0.030	26.43	28.00	1.435	0.043	/
			Bottom Edge	10	633334	3500.01	135	69	-0.10	0.002	26.43	28.00	1.435	0.003	/
Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas . No.
Extremity															
n77(PC3)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	633334	3500.01	1	271	-0.10	0.180	23.44	25.00	1.432	0.258	/
			Back Side	0	633334	3500.01	1	271	0.15	0.343	23.44	25.00	1.432	0.491	/
			Left Edge	0	633334	3500.01	1	271	-0.14	0.030	23.44	25.00	1.432	0.043	/
			Right Edge	0	633334	3500.01	1	271	0.05	0.027	23.44	25.00	1.432	0.039	/
			Top Edge	0	633334	3500.01	1	271	0.03	0.229	23.44	25.00	1.432	0.328	/
			Bottom Edge	0	633334	3500.01	1	271	0.14	0.003	23.44	25.00	1.432	0.004	/
			Front Side	0	633334	3500.01	135	138	0.00	0.286	23.49	25.00	1.416	0.405	/
			Back Side	0	633334	3500.01	135	138	0.02	0.561	23.49	25.00	1.416	0.794	90#
			Left Edge	0	633334	3500.01	135	138	0.10	0.059	23.49	25.00	1.416	0.084	/
			Right Edge	0	633334	3500.01	135	138	0.07	0.044	23.49	25.00	1.416	0.062	/
			Top Edge	0	633334	3500.01	135	138	-0.07	0.447	23.49	25.00	1.416	0.633	/
			Bottom Edge	0	633334	3500.01	135	138	0.13	0.001	23.49	25.00	1.416	0.001	/
n77(PC2)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	633334	3500.01	1	271	0.08	0.169	26.43	28.00	1.435	0.243	/
			Back Side	0	633334	3500.01	1	271	-0.07	0.328	26.43	28.00	1.435	0.471	/
			Left Edge	0	633334	3500.01	1	271	0.12	0.025	26.43	28.00	1.435	0.036	/
			Right Edge	0	633334	3500.01	1	271	0.06	0.022	26.43	28.00	1.435	0.032	/
			Top Edge	0	633334	3500.01	1	271	0.09	0.218	26.43	28.00	1.435	0.313	/
			Bottom Edge	0	633334	3500.01	1	271	-0.09	0.002	26.43	28.00	1.435	0.003	/
			Front Side	0	633334	3500.01	135	69	0.11	0.279	26.43	28.00	1.435	0.401	/
			Back Side	0	633334	3500.01	135	69	-0.08	0.543	26.43	28.00	1.435	0.779	/
			Left Edge	0	633334	3500.01	135	69	-0.10	0.051	26.43	28.00	1.435	0.073	/
			Right Edge	0	633334	3500.01	135	69	0.06	0.040	26.43	28.00	1.435	0.057	/
			Top Edge	0	633334	3500.01	135	69	-0.07	0.428	26.43	28.00	1.435	0.614	/
			Bottom Edge	0	633334	3500.01	135	69	-0.06	0.001	26.43	28.00	1.435	0.001	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

9.29NR n77 (3700MHz-3980MHz) (100MHz Bandwidth)

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas . No.
Head															
n77(PC3)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	650000	3750	1	137	0.04	0.049	24.62	25.00	1.091	0.053	/
			Left Tilt	0	650000	3750	1	137	0.06	0.050	24.62	25.00	1.091	0.055	/
			Right Cheek	0	650000	3750	1	137	-0.04	0.047	24.62	25.00	1.091	0.051	/
			Right Tilt	0	650000	3750	1	137	0.06	0.048	24.62	25.00	1.091	0.052	/
			Left Cheek	0	650000	3750	135	69	0.07	0.044	24.56	25.00	1.107	0.049	/
			Left Tilt	0	650000	3750	135	69	0.03	0.060	24.56	25.00	1.107	0.066	67#
			Right Cheek	0	650000	3750	135	69	0.04	0.042	24.56	25.00	1.107	0.046	/
			Right Tilt	0	650000	3750	135	69	-0.09	0.041	24.56	25.00	1.107	0.045	/
n77(PC2)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	662000	3930	1	137	-0.05	0.050	27.70	28.00	1.072	0.054	/
			Left Tilt	0	662000	3930	1	137	-0.05	0.052	27.70	28.00	1.072	0.056	/
			Right Cheek	0	662000	3930	1	137	-0.12	0.048	27.70	28.00	1.072	0.051	/
			Right Tilt	0	662000	3930	1	137	0.06	0.045	27.70	28.00	1.072	0.048	/
			Left Cheek	0	650000	3750	135	69	-0.08	0.049	27.71	28.00	1.069	0.052	/
			Left Tilt	0	650000	3750	135	69	0.07	0.050	27.71	28.00	1.069	0.053	/
			Right Cheek	0	650000	3750	135	69	0.11	0.048	27.71	28.00	1.069	0.051	/
			Right Tilt	0	650000	3750	135	69	-0.09	0.045	27.71	28.00	1.069	0.048	/
Body															
n77(PC3)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	650000	3750	1	137	-0.09	0.010	24.62	25.00	1.091	0.011	/
			Back Side	10	650000	3750	1	137	0.09	0.036	24.62	25.00	1.091	0.039	/
			Left Edge	10	650000	3750	1	137	-0.02	0.008	24.62	25.00	1.091	0.009	/
			Right Edge	10	650000	3750	1	137	0.02	0.006	24.62	25.00	1.091	0.007	/
			Top Edge	10	650000	3750	1	137	-0.11	0.020	24.62	25.00	1.091	0.022	/
			Bottom Edge	10	650000	3750	1	137	0.01	0.001	24.62	25.00	1.091	0.001	/
			Front Side	10	650000	3750	135	69	0.02	0.011	24.56	25.00	1.107	0.012	/
			Back Side	10	650000	3750	135	69	0.02	0.037	24.56	25.00	1.107	0.041	79#
			Left Edge	10	650000	3750	135	69	0.12	0.009	24.56	25.00	1.107	0.010	/
			Right Edge	10	650000	3750	135	69	-0.14	0.007	24.56	25.00	1.107	0.008	/
			Top Edge	10	650000	3750	135	69	-0.13	0.022	24.56	25.00	1.107	0.024	/
			Bottom Edge	10	650000	3750	135	69	0.10	0.001	24.56	25.00	1.107	0.001	/
n77(PC2)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	662000	3930	1	137	0.02	0.010	27.70	28.00	1.072	0.011	/
			Back Side	10	662000	3930	1	137	0.07	0.033	27.70	28.00	1.072	0.035	/
			Left Edge	10	662000	3930	1	137	0.07	0.008	27.70	28.00	1.072	0.009	/
			Right Edge	10	662000	3930	1	137	0.05	0.005	27.70	28.00	1.072	0.005	/
			Top Edge	10	662000	3930	1	137	0.10	0.018	27.70	28.00	1.072	0.019	/
			Bottom Edge	10	662000	3930	1	137	-0.03	0.001	27.70	28.00	1.072	0.001	/
			Front Side	10	650000	3750	135	69	-0.06	0.010	27.71	28.00	1.069	0.011	/

			Back Side	10	650000	3750	135	69	-0.05	0.032	27.71	28.00	1.069	0.034	/
			Left Edge	10	650000	3750	135	69	0.06	0.008	27.71	28.00	1.069	0.009	/
			Right Edge	10	650000	3750	135	69	-0.08	0.006	27.71	28.00	1.069	0.006	/
			Top Edge	10	650000	3750	135	69	-0.08	0.018	27.71	28.00	1.069	0.019	/
			Bottom Edge	10	650000	3750	135	69	0.01	0.001	27.71	28.00	1.069	0.001	/
Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas . No.
Extremity															
n77(PC3)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	650000	3750	1	137	0.02	0.063	24.62	25.00	1.091	0.069	/
			Back Side	0	650000	3750	1	137	0.10	0.081	24.62	25.00	1.091	0.088	/
			Left Edge	0	650000	3750	1	137	-0.14	0.022	24.62	25.00	1.091	0.024	/
			Right Edge	0	650000	3750	1	137	0.13	0.012	24.62	25.00	1.091	0.013	/
			Top Edge	0	650000	3750	1	137	0.05	0.077	24.62	25.00	1.091	0.084	/
			Bottom Edge	0	650000	3750	1	137	0.05	0.001	24.62	25.00	1.091	0.001	/
			Front Side	0	650000	3750	135	69	0.15	0.095	24.56	25.00	1.107	0.105	/
			Back Side	0	650000	3750	135	69	0.11	0.117	24.56	25.00	1.107	0.129	/
			Left Edge	0	650000	3750	135	69	-0.15	0.029	24.56	25.00	1.107	0.032	/
			Right Edge	0	650000	3750	135	69	0.06	0.019	24.56	25.00	1.107	0.021	/
			Top Edge	0	650000	3750	135	69	-0.01	0.165	24.56	25.00	1.107	0.183	91#
			Bottom Edge	0	650000	3750	135	69	-0.15	0.001	24.56	25.00	1.107	0.001	/
n77(PC2)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	662000	3930	1	137	0.05	0.052	27.70	28.00	1.072	0.056	/
			Back Side	0	662000	3930	1	137	-0.09	0.077	27.70	28.00	1.072	0.083	/
			Left Edge	0	662000	3930	1	137	0.09	0.021	27.70	28.00	1.072	0.023	/
			Right Edge	0	662000	3930	1	137	0.03	0.010	27.70	28.00	1.072	0.011	/
			Top Edge	0	662000	3930	1	137	-0.08	0.074	27.70	28.00	1.072	0.079	/
			Bottom Edge	0	662000	3930	1	137	0.02	0.001	27.70	28.00	1.072	0.001	/
			Front Side	0	650000	3750	135	69	0.01	0.088	27.71	28.00	1.069	0.094	/
			Back Side	0	650000	3750	135	69	-0.06	0.112	27.71	28.00	1.069	0.120	/
			Left Edge	0	650000	3750	135	69	0.04	0.022	27.71	28.00	1.069	0.024	/
			Right Edge	0	650000	3750	135	69	0.04	0.015	27.71	28.00	1.069	0.016	/
			Top Edge	0	650000	3750	135	69	0.10	0.155	27.71	28.00	1.069	0.166	/
			Bottom Edge	0	650000	3750	135	69	-0.10	0.001	27.71	28.00	1.069	0.001	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

9.30NR n78 (3450MHz-3550MHz) (100MHz Bandwidth)

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas . No.
Head															
n78(PC3)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	633334	3500.01	1	271	-0.10	0.122	23.95	25.00	1.274	0.155	/
			Left Tilt	0	633334	3500.01	1	271	0.06	0.137	23.95	25.00	1.274	0.174	/
			Right Cheek	0	633334	3500.01	1	271	-0.09	0.139	23.95	25.00	1.274	0.177	68#
			Right Tilt	0	633334	3500.01	1	271	0.05	0.065	23.95	25.00	1.274	0.083	/
			Left Cheek	0	633334	3500.01	135	138	0.12	0.125	24.12	25.00	1.225	0.153	/
			Left Tilt	0	633334	3500.01	135	138	-0.14	0.140	24.12	25.00	1.225	0.171	/
			Right Cheek	0	633334	3500.01	135	138	-0.14	0.142	24.12	25.00	1.225	0.174	/
			Right Tilt	0	633334	3500.01	135	138	0.03	0.068	24.12	25.00	1.225	0.083	/
n78(PC2)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	633334	3500.01	1	271	0.06	0.119	27.03	28.00	1.250	0.149	/
			Left Tilt	0	633334	3500.01	1	271	-0.12	0.135	27.03	28.00	1.250	0.169	/
			Right Cheek	0	633334	3500.01	1	271	0.10	0.136	27.03	28.00	1.250	0.170	/
			Right Tilt	0	633334	3500.01	1	271	0.15	0.061	27.03	28.00	1.250	0.076	/
			Left Cheek	0	633334	3500.01	135	69	0.04	0.120	27.03	28.00	1.250	0.150	/
			Left Tilt	0	633334	3500.01	135	69	0.00	0.138	27.03	28.00	1.250	0.173	/
			Right Cheek	0	633334	3500.01	135	69	-0.01	0.137	27.03	28.00	1.250	0.171	/
			Right Tilt	0	633334	3500.01	135	69	0.15	0.063	27.03	28.00	1.250	0.079	/
Body															
n78(PC3)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	633334	3500.01	1	271	-0.04	0.021	23.95	24.50	1.135	0.024	/
			Back Side	10	633334	3500.01	1	271	-0.08	0.045	23.95	24.50	1.135	0.051	/
			Left Edge	10	633334	3500.01	1	271	-0.02	0.010	23.95	24.50	1.135	0.011	/
			Right Edge	10	633334	3500.01	1	271	-0.14	0.008	23.95	24.50	1.135	0.009	/
			Top Edge	10	633334	3500.01	1	271	0.13	0.038	23.95	24.50	1.135	0.043	/
			Bottom Edge	10	633334	3500.01	1	271	-0.11	0.001	23.95	24.50	1.135	0.001	/
			Front Side	10	633334	3500.01	135	138	-0.15	0.022	24.12	24.50	1.091	0.024	/
			Back Side	10	633334	3500.01	135	138	0.02	0.048	24.12	24.50	1.091	0.052	80#
			Left Edge	10	633334	3500.01	135	138	0.00	0.011	24.12	24.50	1.091	0.012	/
			Right Edge	10	633334	3500.01	135	138	0.00	0.010	24.12	24.50	1.091	0.011	/
			Top Edge	10	633334	3500.01	135	138	-0.15	0.042	24.12	24.50	1.091	0.046	/
			Bottom Edge	10	633334	3500.01	135	138	0.07	0.001	24.12	24.50	1.091	0.001	/
n78(PC2)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	633334	3500.01	1	271	-0.04	0.020	27.03	28.00	1.250	0.025	/
			Back Side	10	633334	3500.01	1	271	-0.09	0.040	27.03	28.00	1.250	0.050	/
			Left Edge	10	633334	3500.01	1	271	-0.08	0.009	27.03	28.00	1.250	0.011	/
			Right Edge	10	633334	3500.01	1	271	-0.11	0.006	27.03	28.00	1.250	0.008	/
			Top Edge	10	633334	3500.01	1	271	0.10	0.035	27.03	28.00	1.250	0.044	/
			Bottom Edge	10	633334	3500.01	1	271	0.05	0.001	27.03	28.00	1.250	0.001	/
			Front Side	10	633334	3500.01	135	69	0.07	0.020	27.03	28.00	1.250	0.025	/

			Back Side	10	633334	3500.01	135	69	0.04	0.040	27.03	28.00	1.250	0.050	/
			Left Edge	10	633334	3500.01	135	69	0.11	0.008	27.03	28.00	1.250	0.010	/
			Right Edge	10	633334	3500.01	135	69	0.06	0.006	27.03	28.00	1.250	0.008	/
			Top Edge	10	633334	3500.01	135	69	0.09	0.038	27.03	28.00	1.250	0.048	/
			Bottom Edge	10	633334	3500.01	135	69	-0.07	0.001	27.03	28.00	1.250	0.001	/
Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas . No.
Extremity															
n78(PC3)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	633334	3500.01	1	271	0.02	0.157	23.95	24.50	1.135	0.178	/
			Back Side	0	633334	3500.01	1	271	0.14	0.311	23.95	24.50	1.135	0.353	/
			Left Edge	0	633334	3500.01	1	271	-0.08	0.035	23.95	24.50	1.135	0.040	/
			Right Edge	0	633334	3500.01	1	271	0.11	0.027	23.95	24.50	1.135	0.031	/
			Top Edge	0	633334	3500.01	1	271	-0.15	0.256	23.95	24.50	1.135	0.291	/
			Bottom Edge	0	633334	3500.01	1	271	-0.06	0.002	23.95	24.50	1.135	0.002	/
			Front Side	0	633334	3500.01	135	138	-0.06	0.239	24.12	24.50	1.091	0.261	/
			Back Side	0	633334	3500.01	135	138	0.03	0.594	24.12	24.50	1.091	0.648	92#
			Left Edge	0	633334	3500.01	135	138	-0.09	0.058	24.12	24.50	1.091	0.063	/
			Right Edge	0	633334	3500.01	135	138	0.05	0.041	24.12	24.50	1.091	0.045	/
			Top Edge	0	633334	3500.01	135	138	0.10	0.369	24.12	24.50	1.091	0.403	/
			Bottom Edge	0	633334	3500.01	135	138	-0.04	0.002	24.12	24.50	1.091	0.002	/
n78(PC2)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	633334	3500.01	1	271	-0.08	0.149	27.03	28.00	1.250	0.186	/
			Back Side	0	633334	3500.01	1	271	0.09	0.308	27.03	28.00	1.250	0.385	/
			Left Edge	0	633334	3500.01	1	271	0.12	0.030	27.03	28.00	1.250	0.038	/
			Right Edge	0	633334	3500.01	1	271	0.06	0.025	27.03	28.00	1.250	0.031	/
			Top Edge	0	633334	3500.01	1	271	-0.11	0.238	27.03	28.00	1.250	0.298	/
			Bottom Edge	0	633334	3500.01	1	271	0.12	0.001	27.03	28.00	1.250	0.001	/
			Front Side	0	633334	3500.01	135	69	0.11	0.228	27.03	28.00	1.250	0.285	/
			Back Side	0	633334	3500.01	135	69	-0.05	0.511	27.03	28.00	1.250	0.639	/
			Left Edge	0	633334	3500.01	135	69	-0.10	0.049	27.03	28.00	1.250	0.061	/
			Right Edge	0	633334	3500.01	135	69	0.06	0.035	27.03	28.00	1.250	0.044	/
			Top Edge	0	633334	3500.01	135	69	-0.01	0.352	27.03	28.00	1.250	0.440	/
			Bottom Edge	0	633334	3500.01	135	69	-0.11	0.002	27.03	28.00	1.250	0.003	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

9.31 NR n78 (3700MHz-3800MHz) (100MHz Bandwidth)

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas . No.
Head															
n78(PC3)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	650000	3750	1	137	0.08	0.069	24.75	25.00	1.059	0.073	/
			Left Tilt	0	650000	3750	1	137	-0.04	0.072	24.75	25.00	1.059	0.076	69#
			Right Cheek	0	650000	3750	1	137	-0.10	0.064	24.75	25.00	1.059	0.068	/
			Right Tilt	0	650000	3750	1	137	0.08	0.056	24.75	25.00	1.059	0.059	/
			Left Cheek	0	650000	3750	135	69	-0.10	0.068	24.89	25.00	1.026	0.070	/
			Left Tilt	0	650000	3750	135	69	0.10	0.072	24.89	25.00	1.026	0.074	/
			Right Cheek	0	650000	3750	135	69	-0.13	0.068	24.89	25.00	1.026	0.070	/
			Right Tilt	0	650000	3750	135	69	-0.04	0.059	24.89	25.00	1.026	0.061	/
n78(PC2)	Anrt.5	DFT-s-OFDM BPSK	Left Cheek	0	650000	3750	1	137	0.07	0.065	27.83	28.00	1.040	0.068	/
			Left Tilt	0	650000	3750	1	137	0.00	0.070	27.83	28.00	1.040	0.073	/
			Right Cheek	0	650000	3750	1	137	-0.15	0.063	27.83	28.00	1.040	0.066	/
			Right Tilt	0	650000	3750	1	137	0.09	0.052	27.83	28.00	1.040	0.054	/
			Left Cheek	0	650000	3750	135	69	0.08	0.067	27.85	28.00	1.035	0.069	/
			Left Tilt	0	650000	3750	135	69	-0.01	0.071	27.85	28.00	1.035	0.073	/
			Right Cheek	0	650000	3750	135	69	-0.15	0.061	27.85	28.00	1.035	0.063	/
			Right Tilt	0	650000	3750	135	69	0.10	0.053	27.85	28.00	1.035	0.055	/
Body															
n78(PC3)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	650000	3750	1	137	0.07	0.016	24.75	25.50	1.189	0.019	/
			Back Side	10	650000	3750	1	137	-0.14	0.034	24.75	25.50	1.189	0.040	/
			Left Edge	10	650000	3750	1	137	-0.12	0.014	24.75	25.50	1.189	0.017	/
			Right Edge	10	650000	3750	1	137	-0.03	0.009	24.75	25.50	1.189	0.011	/
			Top Edge	10	650000	3750	1	137	0.15	0.023	24.75	25.50	1.189	0.027	/
			Bottom Edge	10	650000	3750	1	137	-0.03	0.001	24.75	25.50	1.189	0.001	/
			Front Side	10	650000	3750	135	69	0.06	0.018	24.89	25.50	1.151	0.021	/
			Back Side	10	650000	3750	135	69	-0.03	0.038	24.89	25.50	1.151	0.044	81#
			Left Edge	10	650000	3750	135	69	-0.07	0.015	24.89	25.50	1.151	0.017	/
			Right Edge	10	650000	3750	135	69	-0.01	0.010	24.89	25.50	1.151	0.012	/
			Top Edge	10	650000	3750	135	69	0.12	0.028	24.89	25.50	1.151	0.032	/
			Bottom Edge	10	650000	3750	135	69	-0.05	0.001	24.89	25.50	1.151	0.001	/
n78(PC2)	Anrt.5	DFT-s-OFDM BPSK	Front Side	10	650000	3750	1	137	-0.01	0.015	27.83	28.00	1.040	0.016	/
			Back Side	10	650000	3750	1	137	0.10	0.032	27.83	28.00	1.040	0.033	/
			Left Edge	10	650000	3750	1	137	0.07	0.012	27.83	28.00	1.040	0.012	/
			Right Edge	10	650000	3750	1	137	0.02	0.008	27.83	28.00	1.040	0.008	/
			Top Edge	10	650000	3750	1	137	0.10	0.021	27.83	28.00	1.040	0.022	/
			Bottom Edge	10	650000	3750	1	137	0.08	0.001	27.83	28.00	1.040	0.001	/
			Front Side	10	650000	3750	135	69	-0.06	0.015	27.85	28.00	1.035	0.016	/

			Back Side	10	650000	3750	135	69	0.07	0.031	27.85	28.00	1.035	0.032	/
			Left Edge	10	650000	3750	135	69	0.02	0.012	27.85	28.00	1.035	0.012	/
			Right Edge	10	650000	3750	135	69	0.05	0.008	27.85	28.00	1.035	0.008	/
			Top Edge	10	650000	3750	135	69	-0.10	0.020	27.85	28.00	1.035	0.021	/
			Bottom Edge	10	650000	3750	135	69	-0.01	0.001	27.85	28.00	1.035	0.001	/
Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas . No.
Extremity															
n78(PC3)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	650000	3750	1	137	0.01	0.100	24.75	25.50	1.189	0.119	/
			Back Side	0	650000	3750	1	137	-0.13	0.116	24.75	25.50	1.189	0.138	/
			Left Edge	0	650000	3750	1	137	-0.14	0.037	24.75	25.50	1.189	0.044	/
			Right Edge	0	650000	3750	1	137	-0.12	0.022	24.75	25.50	1.189	0.026	/
			Top Edge	0	650000	3750	1	137	0.10	0.108	24.75	25.50	1.189	0.128	/
			Bottom Edge	0	650000	3750	1	137	-0.03	0.001	24.75	25.50	1.189	0.001	/
			Front Side	0	650000	3750	135	69	0.05	0.170	24.89	25.50	1.151	0.196	/
			Back Side	0	650000	3750	135	69	0.06	0.169	24.89	25.50	1.151	0.194	/
			Left Edge	0	650000	3750	135	69	0.13	0.059	24.89	25.50	1.151	0.068	/
			Right Edge	0	650000	3750	135	69	0.10	0.034	24.89	25.50	1.151	0.039	/
			Top Edge	0	650000	3750	135	69	-0.01	0.172	24.89	25.50	1.151	0.198	93#
			Bottom Edge	0	650000	3750	135	69	0.08	0.001	24.89	25.50	1.151	0.001	/
n78(PC2)	Anrt.5	DFT-s- OFDM BPSK	Front Side	0	650000	3750	1	137	-0.11	0.095	27.83	28.00	1.040	0.099	/
			Back Side	0	650000	3750	1	137	0.08	0.111	27.83	28.00	1.040	0.115	/
			Left Edge	0	650000	3750	1	137	0.10	0.031	27.83	28.00	1.040	0.032	/
			Right Edge	0	650000	3750	1	137	-0.10	0.018	27.83	28.00	1.040	0.019	/
			Top Edge	0	650000	3750	1	137	-0.07	0.102	27.83	28.00	1.040	0.106	/
			Bottom Edge	0	650000	3750	1	137	0.09	0.001	27.83	28.00	1.040	0.001	/
			Front Side	0	650000	3750	135	69	0.12	0.165	27.85	28.00	1.035	0.171	/
			Back Side	0	650000	3750	135	69	0.02	0.162	27.85	28.00	1.035	0.168	/
			Left Edge	0	650000	3750	135	69	0.06	0.051	27.85	28.00	1.035	0.053	/
			Right Edge	0	650000	3750	135	69	-0.10	0.029	27.85	28.00	1.035	0.030	/
			Top Edge	0	650000	3750	135	69	0.05	0.165	27.85	28.00	1.035	0.171	/
			Bottom Edge	0	650000	3750	135	69	-0.06	0.001	27.85	28.00	1.035	0.001	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

9.32 Bluetooth

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Ducy Cycle	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Ant.7	DH5	Left Cheek	0	0	2402	0.01	0.162	14.51	16.00	1.409	77.01	1.299	0.296	94#
		Left Tilt	0	0	2402	0.06	0.115	14.51	16.00	1.409	77.01	1.299	0.210	/
		Right Cheek	0	0	2402	-0.10	0.082	14.51	16.00	1.409	77.01	1.299	0.150	/
		Right Tilt	0	0	2402	-0.01	0.044	14.51	16.00	1.409	77.01	1.299	0.081	/
Body														
Ant.7	DH5	Front Side	10	0	2402	0.11	0.054	14.51	16.00	1.409	77.01	1.299	0.099	/
		Back Side	10	0	2402	0.06	0.056	14.51	16.00	1.409	77.01	1.299	0.102	99#
		Left Edge	10	0	2402	-0.02	0.049	14.51	16.00	1.409	77.01	1.299	0.090	/
		Right Edge	10	0	2402	0.01	0.007	14.51	16.00	1.409	77.01	1.299	0.013	/
		Top Edge	10	0	2402	0.08	0.032	14.51	16.00	1.409	77.01	1.299	0.059	/
		Bottom Edge	10	0	2402	-0.05	0.007	14.51	16.00	1.409	77.01	1.299	0.013	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Ducy Cycle	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.7	DH5	Front Side	0	0	2402	0.12	0.075	14.51	16.00	1.409	77.01	1.299	0.137	/
		Back Side	0	0	2402	0.01	0.088	14.51	16.00	1.409	77.01	1.299	0.161	/
		Left Edge	0	0	2402	0.05	0.086	14.51	16.00	1.409	77.01	1.299	0.157	/
		Right Edge	0	0	2402	0.09	0.006	14.51	16.00	1.409	77.01	1.299	0.011	/
		Top Edge	0	0	2402	0.11	0.091	14.51	16.00	1.409	77.01	1.299	0.167	104#
		Bottom Edge	0	0	2402	0.12	0.009	14.51	16.00	1.409	77.01	1.299	0.016	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

9.332.4G WIFI

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Ducy Cycle	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
Ant.7	802.11b	Left Cheek	0	1	2412	-0.05	0.353	16.61	17.00	1.094	99.46	1.005	0.388	/
		Left Tilt	0	1	2412	0.00	0.252	16.61	17.00	1.094	99.46	1.005	0.277	/
		Right Cheek	0	1	2412	0.06	0.164	16.61	17.00	1.094	99.46	1.005	0.180	/
		Right Tilt	0	1	2412	-0.14	0.008	16.61	17.00	1.094	99.46	1.005	0.009	/
Ant.9	802.11b	Left Cheek	0	11	2462	-0.01	0.171	16.85	17.00	1.035	99.46	1.005	0.178	/
		Left Tilt	0	11	2462	-0.02	0.158	16.85	17.00	1.035	99.46	1.005	0.164	/
		Right Cheek	0	11	2462	-0.05	0.403	16.85	17.00	1.035	99.46	1.005	0.419	/
		Right Tilt	0	11	2462	0.01	0.289	16.85	17.00	1.035	99.46	1.005	0.301	/
MIMO	802.11b	Left Cheek	0	1	2412	-0.04	0.357	19.68	20.00	1.076	99.46	1.005	0.386	/
		Left Tilt	0	1	2412	0.01	0.361	19.68	20.00	1.076	99.46	1.005	0.391	/
		Right Cheek	0	1	2412	-0.08	0.410	19.68	20.00	1.076	99.46	1.005	0.444	95#
		Right Tilt	0	1	2412	0.03	0.329	19.68	20.00	1.076	99.46	1.005	0.356	/
Body														
Ant.7	802.11b	Front Side	10	1	2412	0.02	0.083	16.61	17.00	1.094	99.46	1.005	0.091	/
		Back Side	10	1	2412	-0.06	0.110	16.61	17.00	1.094	99.46	1.005	0.121	/
		Left Edge	10	1	2412	0.15	0.111	16.61	17.00	1.094	99.46	1.005	0.122	/
		Right Edge	10	1	2412	0.13	0.005	16.61	17.00	1.094	99.46	1.005	0.005	/
		Top Edge	10	1	2412	0.11	0.070	16.61	17.00	1.094	99.46	1.005	0.077	/
		Bottom Edge	10	1	2412	-0.05	0.004	16.61	17.00	1.094	99.46	1.005	0.004	/
Ant.9	802.11b	Front Side	10	11	2462	0.01	0.114	16.85	17.00	1.035	99.46	1.005	0.119	/
		Back Side	10	11	2462	-0.08	0.249	16.85	17.00	1.035	99.46	1.005	0.259	/
		Left Edge	10	11	2462	-0.05	0.004	16.85	17.00	1.035	99.46	1.005	0.004	/
		Right Edge	10	11	2462	0.02	0.094	16.85	17.00	1.035	99.46	1.005	0.098	/
		Top Edge	10	11	2462	0.07	0.056	16.85	17.00	1.035	99.46	1.005	0.058	/
		Bottom Edge	10	11	2462	0.05	0.003	16.85	17.00	1.035	99.46	1.005	0.003	/
MIMO	802.11b	Front Side	10	1	2412	-0.07	0.110	19.68	20.00	1.076	99.46	1.005	0.119	/
		Back Side	10	1	2412	-0.11	0.279	19.68	20.00	1.076	99.46	1.005	0.302	100#
		Left Edge	10	1	2412	0.06	0.118	19.68	20.00	1.076	99.46	1.005	0.128	/
		Right Edge	10	1	2412	-0.03	0.101	19.68	20.00	1.076	99.46	1.005	0.109	/
		Top Edge	10	1	2412	0.07	0.178	19.68	20.00	1.076	99.46	1.005	0.193	/
		Bottom Edge	10	1	2412	-0.15	0.002	19.68	20.00	1.076	99.46	1.005	0.002	/
Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Ducy Cycle	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.7	802.11b	Front Side	0	1	2412	0.09	0.146	16.61	17.00	1.094	99.46	1.005	0.161	/

		Back Side	0	1	2412	0.02	0.221	16.61	17.00	1.094	99.46	1.005	0.243	/
		Left Edge	0	1	2412	-0.02	0.176	16.61	17.00	1.094	99.46	1.005	0.194	/
		Right Edge	0	1	2412	-0.15	0.008	16.61	17.00	1.094	99.46	1.005	0.009	/
		Top Edge	0	1	2412	-0.02	0.193	16.61	17.00	1.094	99.46	1.005	0.212	/
		Bottom Edge	0	1	2412	-0.09	0.002	16.61	17.00	1.094	99.46	1.005	0.002	/
Ant.9	802.11b	Front Side	0	11	2462	-0.12	0.196	16.85	17.00	1.035	99.46	1.005	0.204	/
		Back Side	0	11	2462	-0.13	0.267	16.85	17.00	1.035	99.46	1.005	0.278	/
		Left Edge	0	11	2462	-0.13	0.009	16.85	17.00	1.035	99.46	1.005	0.009	/
		Right Edge	0	11	2462	-0.15	0.256	16.85	17.00	1.035	99.46	1.005	0.266	/
		Top Edge	0	11	2462	0.03	0.118	16.85	17.00	1.035	99.46	1.005	0.123	/
		Bottom Edge	0	11	2462	0.06	0.004	16.85	17.00	1.035	99.46	1.005	0.004	/
MIMO	802.11b	Front Side	0	1	2412	0.15	0.231	19.68	20.00	1.076	99.46	1.005	0.250	/
		Back Side	0	1	2412	0.01	0.404	19.68	20.00	1.076	99.46	1.005	0.437	105#
		Left Edge	0	1	2412	-0.04	0.011	19.68	20.00	1.076	99.46	1.005	0.012	/
		Right Edge	0	1	2412	0.05	0.263	19.68	20.00	1.076	99.46	1.005	0.285	/
		Top Edge	0	1	2412	-0.07	0.135	19.68	20.00	1.076	99.46	1.005	0.146	/
		Bottom Edge	0	1	2412	0.12	0.005	19.68	20.00	1.076	99.46	1.005	0.005	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

9.345G WIFI

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty Cycle	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
5.3G	Ant.8	802.11 ac80	Left Cheek	0	58	5290	0.02	0.004	16.68	17.00	1.076	88.19	1.134	0.005	/
			Left Tilt	0	58	5290	0.09	0.013	16.68	17.00	1.076	88.19	1.134	0.016	96#
			Right Cheek	0	58	5290	0.02	0.004	16.68	17.00	1.076	88.19	1.134	0.005	/
			Right Tilt	0	58	5290	0.03	0.003	16.68	17.00	1.076	88.19	1.134	0.004	/
	Ant.9	802.11 ac80	Left Cheek	0	58	5290	0.01	0.004	16.42	17.00	1.143	88.19	1.134	0.005	/
			Left Tilt	0	58	5290	0.09	0.003	16.42	17.00	1.143	88.19	1.134	0.004	/
			Right Cheek	0	58	5290	0.05	0.004	16.42	17.00	1.143	88.19	1.134	0.005	/
			Right Tilt	0	58	5290	-0.07	0.004	16.42	17.00	1.143	88.19	1.134	0.005	/
	MIMO	802.11 ac80	Left Cheek	0	58	5290	-0.04	0.003	19.56	20.00	1.106	88.19	1.134	0.004	/
			Left Tilt	0	58	5290	-0.05	0.003	19.56	20.00	1.106	88.19	1.134	0.004	/
			Right Cheek	0	58	5290	0.02	0.003	19.56	20.00	1.106	88.19	1.134	0.004	/
			Right Tilt	0	58	5290	0.12	0.004	19.56	20.00	1.106	88.19	1.134	0.005	/
5.6G	Ant.8	802.11 ac80	Left Cheek	0	106	5530	-0.02	0.020	16.87	17.00	1.030	88.19	1.134	0.023	/
			Left Tilt	0	106	5530	-0.15	0.020	16.87	17.00	1.030	88.19	1.134	0.023	/
			Right Cheek	0	106	5530	0.04	0.017	16.87	17.00	1.030	88.19	1.134	0.020	/
			Right Tilt	0	106	5530	-0.05	0.022	16.87	17.00	1.030	88.19	1.134	0.026	/
	Ant.9	802.11 ac80	Left Cheek	0	106	5530	-0.13	0.027	16.81	17.00	1.045	88.19	1.134	0.032	/
			Left Tilt	0	106	5530	0.02	0.027	16.81	17.00	1.045	88.19	1.134	0.032	/
			Right Cheek	0	106	5530	-0.15	0.023	16.81	17.00	1.045	88.19	1.134	0.027	/
			Right Tilt	0	106	5530	-0.04	0.020	16.81	17.00	1.045	88.19	1.134	0.024	/
	MIMO	802.11 ac80	Left Cheek	0	106	5530	0.02	0.022	19.85	20.00	1.035	88.19	1.134	0.026	/
			Left Tilt	0	106	5530	0.00	0.017	19.85	20.00	1.035	88.19	1.134	0.020	/
			Right Cheek	0	106	5530	0.09	0.028	19.85	20.00	1.035	88.19	1.134	0.033	97#
			Right Tilt	0	106	5530	0.15	0.022	19.85	20.00	1.035	88.19	1.134	0.026	/
5.8G	Ant.8	802.11 ac80	Left Cheek	0	155	5775	0.12	0.003	16.69	17.00	1.074	88.19	1.134	0.004	/
			Left Tilt	0	155	5775	0.12	0.003	16.69	17.00	1.074	88.19	1.134	0.004	/
			Right Cheek	0	155	5775	-0.14	0.003	16.69	17.00	1.074	88.19	1.134	0.004	/
			Right Tilt	0	155	5775	-0.10	0.005	16.69	17.00	1.074	88.19	1.134	0.006	/
	Ant.9	802.11 ac80	Left Cheek	0	155	5775	0.15	0.004	16.45	17.00	1.135	88.19	1.134	0.005	/
			Left Tilt	0	155	5775	0.19	0.011	16.45	17.00	1.135	88.19	1.134	0.014	98#
			Right Cheek	0	155	5775	0.10	0.003	16.45	17.00	1.135	88.19	1.134	0.004	/
			Right Tilt	0	155	5775	0.02	0.003	16.45	17.00	1.135	88.19	1.134	0.004	/
	MIMO	802.11 ac80	Left Cheek	0	155	5775	-0.06	0.003	19.58	20.00	1.101	88.19	1.134	0.004	/
			Left Tilt	0	155	5775	0.01	0.005	19.58	20.00	1.101	88.19	1.134	0.006	/
			Right Cheek	0	155	5775	0.08	0.003	19.58	20.00	1.101	88.19	1.134	0.004	/
			Right Tilt	0	155	5775	-0.01	0.003	19.58	20.00	1.101	88.19	1.134	0.004	/

Body															
5.3G	Ant.8	802.11 ac80	Front Side	10	58	5290	-0.04	0.077	16.68	17.00	1.076	88.19	1.134	0.094	/
			Back Side	10	58	5290	-0.10	0.143	16.68	17.00	1.076	88.19	1.134	0.175	/
			Left Edge	10	58	5290	-0.11	0.152	16.68	17.00	1.076	88.19	1.134	0.186	101#
			Right Edge	10	58	5290	0.13	0.051	16.68	17.00	1.076	88.19	1.134	0.062	/
			Top Edge	10	58	5290	-0.15	0.073	16.68	17.00	1.076	88.19	1.134	0.089	/
			Bottom Edge	10	58	5290	-0.03	0.009	16.68	17.00	1.076	88.19	1.134	0.011	/
	Ant.9	802.11 ac80	Front Side	10	58	5290	0.08	0.141	16.42	17.00	1.143	88.19	1.134	0.183	/
			Back Side	10	58	5290	-0.10	0.105	16.42	17.00	1.143	88.19	1.134	0.136	/
			Left Edge	10	58	5290	0.03	0.066	16.42	17.00	1.143	88.19	1.134	0.086	/
			Right Edge	10	58	5290	-0.10	0.116	16.42	17.00	1.143	88.19	1.134	0.150	/
			Top Edge	10	58	5290	-0.12	0.098	16.42	17.00	1.143	88.19	1.134	0.127	/
			Bottom Edge	10	58	5290	0.01	0.090	16.42	17.00	1.143	88.19	1.134	0.117	/
	MIMO	802.11 ac80	Front Side	10	58	5290	0.06	0.066	19.56	20.00	1.106	88.19	1.134	0.083	/
			Back Side	10	58	5290	0.09	0.094	19.56	20.00	1.106	88.19	1.134	0.118	/
			Left Edge	10	58	5290	0.05	0.077	19.56	20.00	1.106	88.19	1.134	0.097	/
			Right Edge	10	58	5290	0.09	0.075	19.56	20.00	1.106	88.19	1.134	0.094	/
			Top Edge	10	58	5290	0.15	0.137	19.56	20.00	1.106	88.19	1.134	0.172	/
			Bottom Edge	10	58	5290	-0.06	0.062	19.56	20.00	1.106	88.19	1.134	0.078	/
5.6G	Ant.8	802.11 ac80	Front Side	10	106	5530	-0.11	0.021	16.87	17.00	1.030	88.19	1.134	0.025	/
			Back Side	10	106	5530	0.09	0.040	16.87	17.00	1.030	88.19	1.134	0.047	102#
			Left Edge	10	106	5530	0.09	0.020	16.87	17.00	1.030	88.19	1.134	0.023	/
			Right Edge	10	106	5530	0.10	0.024	16.87	17.00	1.030	88.19	1.134	0.028	/
			Top Edge	10	106	5530	0.10	0.016	16.87	17.00	1.030	88.19	1.134	0.019	/
			Bottom Edge	10	106	5530	-0.09	0.020	16.87	17.00	1.030	88.19	1.134	0.023	/
	Ant.9	802.11 ac80	Front Side	10	106	5530	0.12	0.022	16.81	17.00	1.045	88.19	1.134	0.026	/
			Back Side	10	106	5530	0.06	0.019	16.81	17.00	1.045	88.19	1.134	0.023	/
			Left Edge	10	106	5530	-0.13	0.010	16.81	17.00	1.045	88.19	1.134	0.012	/
			Right Edge	10	106	5530	0.09	0.017	16.81	17.00	1.045	88.19	1.134	0.020	/
			Top Edge	10	106	5530	-0.06	0.019	16.81	17.00	1.045	88.19	1.134	0.023	/
			Bottom Edge	10	106	5530	0.03	0.020	16.81	17.00	1.045	88.19	1.134	0.024	/
	MIMO	802.11 ac80	Front Side	10	106	5530	0.13	0.036	19.85	20.00	1.035	88.19	1.134	0.042	/
			Back Side	10	106	5530	0.14	0.031	19.85	20.00	1.035	88.19	1.134	0.036	/
			Left Edge	10	106	5530	0.06	0.019	19.85	20.00	1.035	88.19	1.134	0.022	/
			Right Edge	10	106	5530	0.07	0.021	19.85	20.00	1.035	88.19	1.134	0.025	/
			Top Edge	10	106	5530	0.10	0.031	19.85	20.00	1.035	88.19	1.134	0.036	/
			Bottom Edge	10	106	5530	-0.12	0.025	19.85	20.00	1.035	88.19	1.134	0.029	/
5.8G	Ant.8	802.11 ac80	Front Side	10	155	5775	-0.06	0.142	16.69	17.00	1.074	88.19	1.134	0.173	/
			Back Side	10	155	5775	-0.03	0.080	16.69	17.00	1.074	88.19	1.134	0.097	/
			Left Edge	10	155	5775	0.12	0.150	16.69	17.00	1.074	88.19	1.134	0.183	103#
			Right Edge	10	155	5775	0.02	0.144	16.69	17.00	1.074	88.19	1.134	0.175	/
			Top Edge	10	155	5775	0.15	0.121	16.69	17.00	1.074	88.19	1.134	0.147	/
			Bottom Edge	10	155	5775	0.02	0.135	16.69	17.00	1.074	88.19	1.134	0.164	/

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas. SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty Cycle	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
5.3G	Ant.9	802.11 ac80	Front Side	10	155	5775	0.04	0.078	16.45	17.00	1.135	88.19	1.134	0.100	/
			Back Side	10	155	5775	0.07	0.134	16.45	17.00	1.135	88.19	1.134	0.172	/
			Left Edge	10	155	5775	0.06	0.125	16.45	17.00	1.135	88.19	1.134	0.161	/
			Right Edge	10	155	5775	0.07	0.078	16.45	17.00	1.135	88.19	1.134	0.100	/
			Top Edge	10	155	5775	0.01	0.078	16.45	17.00	1.135	88.19	1.134	0.100	/
			Bottom Edge	10	155	5775	0.05	0.141	16.45	17.00	1.135	88.19	1.134	0.181	/
	MIMO	802.11 ac80	Front Side	10	155	5775	-0.12	0.087	19.58	20.00	1.101	88.19	1.134	0.109	/
			Back Side	10	155	5775	-0.01	0.144	19.58	20.00	1.101	88.19	1.134	0.180	/
			Left Edge	10	155	5775	-0.06	0.106	19.58	20.00	1.101	88.19	1.134	0.132	/
			Right Edge	10	155	5775	-0.05	0.097	19.58	20.00	1.101	88.19	1.134	0.121	/
			Top Edge	10	155	5775	0.02	0.131	19.58	20.00	1.101	88.19	1.134	0.164	/
			Bottom Edge	10	155	5775	-0.07	0.097	19.58	20.00	1.101	88.19	1.134	0.121	/
	Ant.8	802.11 ac80	Front Side	0	58	5290	-0.07	0.043	16.68	17.00	1.076	88.19	1.134	0.052	/
			Back Side	0	58	5290	0.00	0.718	16.68	17.00	1.076	88.19	1.134	0.876	106#
			Left Edge	0	58	5290	-0.15	0.145	16.68	17.00	1.076	88.19	1.134	0.177	/
			Right Edge	0	58	5290	0.05	0.060	16.68	17.00	1.076	88.19	1.134	0.073	/
			Top Edge	0	58	5290	0.12	0.026	16.68	17.00	1.076	88.19	1.134	0.032	/
			Bottom Edge	0	58	5290	-0.01	0.005	16.68	17.00	1.076	88.19	1.134	0.006	/
		802.11 ac80	Front Side	0	58	5290	0.12	0.081	16.42	17.00	1.143	88.19	1.134	0.105	/
			Back Side	0	58	5290	0.12	0.043	16.42	17.00	1.143	88.19	1.134	0.056	/
			Left Edge	0	58	5290	-0.01	0.081	16.42	17.00	1.143	88.19	1.134	0.105	/
			Right Edge	0	58	5290	-0.12	0.192	16.42	17.00	1.143	88.19	1.134	0.249	/
			Top Edge	0	58	5290	0.00	0.073	16.42	17.00	1.143	88.19	1.134	0.095	/
			Bottom Edge	0	58	5290	-0.15	0.030	16.42	17.00	1.143	88.19	1.134	0.039	/
		MIMO	Front Side	0	58	5290	-0.10	0.051	19.56	20.00	1.106	88.19	1.134	0.064	/
			Back Side	0	58	5290	0.13	0.698	19.56	20.00	1.106	88.19	1.134	0.875	/
			Left Edge	0	58	5290	0.15	0.136	19.56	20.00	1.106	88.19	1.134	0.171	/
			Right Edge	0	58	5290	-0.14	0.188	19.56	20.00	1.106	88.19	1.134	0.236	/
			Top Edge	0	58	5290	0.13	0.077	19.56	20.00	1.106	88.19	1.134	0.097	/
			Bottom Edge	0	58	5290	-0.10	0.047	19.56	20.00	1.106	88.19	1.134	0.059	/
5.6G	Ant.8	802.11 ac80	Front Side	0	106	5530	0.04	0.051	16.87	17.00	1.030	88.19	1.134	0.060	/
			Back Side	0	106	5530	0.00	0.583	16.87	17.00	1.030	88.19	1.134	0.681	107#
			Left Edge	0	106	5530	0.10	0.162	16.87	17.00	1.030	88.19	1.134	0.189	/
			Right Edge	0	106	5530	-0.01	0.025	16.87	17.00	1.030	88.19	1.134	0.029	/
			Top Edge	0	106	5530	-0.08	0.076	16.87	17.00	1.030	88.19	1.134	0.089	/
			Bottom Edge	0	106	5530	-0.13	0.025	16.87	17.00	1.030	88.19	1.134	0.029	/
	Ant.9	802.11 ac80	Front Side	0	106	5530	-0.12	0.136	16.81	17.00	1.045	88.19	1.134	0.161	/
			Back Side	0	106	5530	-0.03	0.127	16.81	17.00	1.045	88.19	1.134	0.150	/

5.8G			Left Edge	0	106	5530	-0.14	0.038	16.81	17.00	1.045	88.19	1.134	0.045	/
			Right Edge	0	106	5530	-0.01	0.029	16.81	17.00	1.045	88.19	1.134	0.034	/
			Top Edge	0	106	5530	-0.05	0.060	16.81	17.00	1.045	88.19	1.134	0.071	/
			Bottom Edge	0	106	5530	-0.05	0.022	16.81	17.00	1.045	88.19	1.134	0.026	/
	MIMO	802.11 ac80	Front Side	0	106	5530	0.02	0.054	19.85	20.00	1.035	88.19	1.134	0.063	/
			Back Side	0	106	5530	0.12	0.567	19.85	20.00	1.035	88.19	1.134	0.665	/
			Left Edge	0	106	5530	0.15	0.158	19.85	20.00	1.035	88.19	1.134	0.185	/
			Right Edge	0	106	5530	-0.07	0.127	19.85	20.00	1.035	88.19	1.134	0.149	/
			Top Edge	0	106	5530	-0.11	0.057	19.85	20.00	1.035	88.19	1.134	0.067	/
			Bottom Edge	0	106	5530	0.03	0.032	19.85	20.00	1.035	88.19	1.134	0.038	/
	Ant.8	802.11 ac80	Front Side	0	155	5775	0.15	0.043	16.69	17.00	1.074	88.19	1.134	0.052	/
			Back Side	0	155	5775	0.00	0.537	16.69	17.00	1.074	88.19	1.134	0.654	108#
			Left Edge	0	155	5775	-0.15	0.095	16.69	17.00	1.074	88.19	1.134	0.116	/
			Right Edge	0	155	5775	0.08	0.029	16.69	17.00	1.074	88.19	1.134	0.035	/
			Top Edge	0	155	5775	-0.13	0.069	16.69	17.00	1.074	88.19	1.134	0.084	/
			Bottom Edge	0	155	5775	-0.05	0.029	16.69	17.00	1.074	88.19	1.134	0.035	/
	Ant.9	802.11 ac80	Front Side	0	155	5775	-0.09	0.087	16.45	17.00	1.135	88.19	1.134	0.112	/
			Back Side	0	155	5775	0.03	0.107	16.45	17.00	1.135	88.19	1.134	0.138	/
			Left Edge	0	155	5775	0.15	0.029	16.45	17.00	1.135	88.19	1.134	0.037	/
			Right Edge	0	155	5775	0.06	0.130	16.45	17.00	1.135	88.19	1.134	0.167	/
			Top Edge	0	155	5775	0.06	0.081	16.45	17.00	1.135	88.19	1.134	0.104	/
			Bottom Edge	0	155	5775	0.10	0.003	16.45	17.00	1.135	88.19	1.134	0.004	/
	MIMO	802.11 ac80	Front Side	0	155	5775	-0.04	0.075	19.58	20.00	1.101	88.19	1.134	0.094	/
			Back Side	0	155	5775	-0.10	0.121	19.58	20.00	1.101	88.19	1.134	0.151	/
			Left Edge	0	155	5775	-0.02	0.110	19.58	20.00	1.101	88.19	1.134	0.137	/
			Right Edge	0	155	5775	-0.10	0.144	19.58	20.00	1.101	88.19	1.134	0.180	/
			Top Edge	0	155	5775	-0.05	0.040	19.58	20.00	1.101	88.19	1.134	0.050	/
			Bottom Edge	0	155	5775	-0.14	0.202	19.58	20.00	1.101	88.19	1.134	0.252	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

9.35RFID

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Ducy Cycle	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.3	UHF	Front Side	0	1	902.75	-0.03	1.130	27.49	28.00	1.125	75.04	1.333	1.694	109#
		Back Side	0	1	902.75	-0.03	0.802	27.49	28.00	1.125	75.04	1.333	1.202	/
		Left Edge	0	1	902.75	-0.08	0.104	27.49	28.00	1.125	75.04	1.333	0.156	/
		Right Edge	0	1	902.75	0.13	0.685	27.49	28.00	1.125	75.04	1.333	1.027	/
		Top Edge	0	1	902.75	0.12	0.796	27.49	28.00	1.125	75.04	1.333	1.193	/
		Bottom Edge	0	1	902.75	-0.12	0.008	27.49	28.00	1.125	75.04	1.333	0.012	/
Note 1: Refer to ANNEX C for the detailed test data for each test configuration.														
Note 2: RFID is only available for hand use according to the manual.														

9.36NFC SAR

According to the ANSI C63.10 clause 11.12.2.2:

The value of maximum peak output power is according to the method described in ANSI C63.10 clause 11.12.2.2 General procedure for conducted measurements in restricted bands:

- Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

Mode	f (MHz)	Max. E-Field strength (dB μ V/m)	D (m)	Ground reflection factor (dB)	ERP (dBm)
NFC (13.56MHz)	13.56	60.13	3	6	-29.13

Note:

- Add the appropriate maximum ground reflection factor to the ERP level (6 dB for frequencies ≤ 30 MHz).
- ERP = $60.13 + 20 \cdot \log(3) - 104.8 + 6 = -29.13$ (dBm)

According to the FCC KDB 447498 D04

Estimated SAR: SAR test = $1.6 \cdot P_{\text{ant}} / P_{\text{th}}$ [W/kg]

Estimated SAR	$1.6 \cdot P_{\text{ant}} / P_{\text{th}}$ [W/kg]		
Pmeas. (dBm)	-29.13	Pmeas.(mW)	0.00122
Pth. (mW)	443.13		
NFC Estimated 1g SAR [W/kg]	< 0.001		

10 SAR Measurement Variability

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10 , the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

1. When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
2. When the highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3. If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 , or when the original or repeated measurement is ≥ 1.45 W/kg, perform a second repeated measurement.
4. If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 , and the original, first or second repeated measurement is ≥ 1.5 W/kg, perform a third repeated measurement.

Note: When the highest specific measured SAR is ≥ 2.0 W/kg, repeat that measurement once.

11 SIMULTANEOUS TRANSMISSION

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR 1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR 1g 1.6 W/kg), SAR test exclusion is determined by the SAR to Peak Location Ratio (SPLSR).

11.1 Simultaneous Transmission Mode Consider

No.	Simultaneous Tx Combination	Head	Body	Extremity
1	WWAN + 2.4G WIFI (Ant.7)	Yes	Yes	Yes
2	WWAN + 2.4G WIFI (Ant.9)	Yes	Yes	Yes
3	WWAN + 2.4G WIFI (MIMO)	Yes	Yes	Yes
4	WWAN + 5G WIFI (Ant.8) + BT	Yes	Yes	Yes
5	WWAN +5G WIFI (Ant.9) + BT	Yes	Yes	Yes
6	WWAN + 5G WIFI(MIMO) + BT	Yes	Yes	Yes
7	WWAN + 2.4G WIFI (Ant.9) + 5G WIFI (Ant.8)	Yes	Yes	Yes
8	WWAN + 2.4G WIFI (Ant.7) + 5G WIFI (Ant.9)	Yes	Yes	Yes
9	WWAN + 2.4G WIFI (Ant.7) + RFID	No	No	Yes
10	WWAN + 2.4G WIFI (Ant.9) + RFID	No	No	Yes
11	WWAN + 2.4G WIFI (MIMO) + RFID	No	No	Yes
12	WWAN + 5G WIFI (Ant.8) + BT + RFID	No	No	Yes
13	WWAN +5G WIFI (Ant.9) + BT+ RFID	No	No	Yes
14	WWAN + 5G WIFI(MIMO) + BT+ RFID	No	No	Yes
15	WWAN + 2.4G WIFI (Ant.9) + 5G WIFI (Ant.8) + RFID	No	No	Yes
16	WWAN + 2.4G WIFI (Ant.7) + 5G WIFI (Ant.9) + RFID	No	No	Yes

Note:

1. WiFi 2.4G and Bluetooth share the same antenna, and can't transmit simultaneously.
2. The maximum SAR summation is calculated based on the same configuration and test position.
3. The simultaneous transmission combinations of the more antennas contain combinations of less antennas, so only the worst simultaneous transmission combinations is shown in this report.

11.2 Sum SAR of Simultaneous Transmission

Please refer the document "BL-SZ25C1313-AST.pdf".

12 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY5	52.8.8.1222	N/A	N/A
Test Software	Speag	DASY8	16.2.2.1588	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1208	2024/08/19	2027/08/18
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2024/05/08	2027/05/07
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2024/05/08	2027/05/07
1950MHz Validation Dipole	Speag	D1950V3	SN: 1240	2024/08/22	2027/08/21
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2024/05/07	2027/05/06
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2024/05/08	2027/05/07
3500MHz Validation Dipole	Speag	D3500V2	SN: 1129	2024/07/19	2027/07/18
3700MHz Validation Dipole	Speag	D3700V2	SN: 1101	2024/07/18	2027/07/17
3900MHz Validation Dipole	Speag	D3900V2	SN: 1077	2024/07/19	2027/07/18
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2024/05/09	2027/05/08
Data Acquisition Electronics	Speag	DAE4	SN: 878	2025/03/05	2026/03/04
Data Acquisition Electronics	Speag	DAE4	SN: 1711	2025/11/11	2026/11/10
E-Field Probe	Speag	EX3DV4	SN: 7664	2025/06/30	2026/06/29
E-Field Probe	Speag	EX3DV4	SN: 7510	2025/11/11	2026/11/10
Signal Generator	Keysight	N5173B	MY62150163	2025/07/15	2026/07/14
Power Meter	R&S	NRVD-B2	835843/014	2025/07/15	2026/07/14
Power Sensor	R&S	NRV-Z4	100381	2025/07/15	2026/07/14
Power Sensor	R&S	NRV-Z2	100211	2025/07/15	2026/07/14
Wireless Communication Test Set	Anritsu	MT8820C	6201144551	2025/04/30	2026/04/29
Wireless Communication Test Set	R&S	CMW500	104946	2025/05/21	2026/05/20
Network Analyzer	Agilent	E5071C	MY46103472	2025/08/13	2026/08/12
Thermometer	Elitech	RC-4HC	EF7216002985	2025/10/30	2026/10/29
Thermometer	Elitech	RC-4HC	EF720B004811	2025/09/16	2026/09/15
Thermometer	Elitech	RC-4HC	EF720B004813	2025/10/30	2026/10/29
Thermometer	Elitech	RC-4HC	EF720B004817	2025/10/30	2026/10/29
Thermometer	Elitech	RC-4HC	EF7239002655	2025/10/29	2026/10/28
Thermometer	Elitech	RC-4HC	EF7216002974	2025/10/30	2026/10/29
Power Amplifier	Mini-Circuits	ZVA-183W-S+	932502132	N/A	N/A
Dielectric Probe Kit	Speag	DAK3.5	SN: 1312	N/A	N/A
Phantom	Speag	SAM	SN: 2090	N/A	N/A
Phantom	Speag	SAM	SN: 1858	N/A	N/A
Phantom	Speag	SAM	SN: 1859	N/A	N/A
Attenuator	COM-MW	ZA-S1-31	1305003187	N/A	N/A
Directional coupler	AA-MCS	AAMCS-UDC	000272	N/A	N/A

Note: For dipole antennas, BALUN has adopted 3 years as calibration intervals, and on annual basis, every measurement

dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss in within 20% of calibrated measurement.
4. Impedance (real or imaginary parts) in within 5 Ohms of calibrated measurement.

ANNEX A SIMULATING LIQUID VERIFICATION RESULT

The dielectric parameters of the liquids were verified prior to the SAR evaluation using a DAK 3.5 Dielectric Probe Kit.

Head Liquid

Date	Liquid Type	Fre. (MHz)	Temp. (°C)	Meas. Conductivity (σ) (S/m)	Meas. Permittivity (ϵ)	Target Conductivity (σ) (S/m)	Target Permittivity (ϵ)	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2026.01.25	Head	750	21.3	0.90	41.74	0.89	41.94	1.12	-0.48
2026.01.30	Head	750	21.4	0.91	41.78	0.89	41.94	2.25	-0.38
2026.01.31	Head	750	21.6	0.90	41.85	0.89	41.94	1.12	-0.21
2026.01.15	Head	750	21.7	0.90	41.80	0.89	41.94	1.12	-0.33
2026.01.16	Head	750	21.1	0.90	41.84	0.89	41.94	1.12	-0.24
2026.02.05	Head	835	21.2	0.90	41.96	0.90	41.50	0.00	1.11
2026.02.06	Head	835	21.6	0.90	41.82	0.90	41.50	0.00	0.77
2026.02.07	Head	835	21.5	0.90	41.91	0.90	41.50	0.00	0.99
2026.02.08	Head	835	21.7	0.90	41.66	0.90	41.50	0.00	0.39
2026.02.09	Head	835	21.4	0.90	41.94	0.90	41.50	0.00	1.06
2026.02.11	Head	1750	21.8	1.38	40.15	1.37	40.08	0.73	0.17
2026.02.12	Head	1750	21.3	1.38	39.98	1.37	40.08	0.73	-0.25
2026.03.06	Head	1750	21.4	1.38	40.16	1.37	40.08	0.73	0.20
2026.02.13	Head	1950	21.9	1.42	39.04	1.40	40.00	1.43	-2.40
2026.02.14	Head	1950	21.5	1.42	39.22	1.40	40.00	1.43	-1.95
2026.03.07	Head	1950	21.4	1.42	39.11	1.40	40.00	1.43	-2.23
2026.01.17	Head	2450	21.1	1.80	39.48	1.80	39.20	0.00	0.71
2026.01.20	Head	2450	21.5	1.80	39.70	1.80	39.20	0.00	1.28
2026.02.15	Head	2600	21.4	1.97	38.49	1.96	39.01	0.51	-1.33
2026.02.26	Head	2600	21.9	1.98	38.51	1.96	39.01	1.02	-1.28
2026.02.27	Head	2600	21.8	1.97	38.60	1.96	39.01	0.51	-1.05
2026.02.28	Head	2600	21.4	1.97	38.32	1.96	39.01	0.51	-1.77
2026.01.21	Head	2600	21.6	1.97	38.40	1.96	39.01	0.51	-1.56
2026.01.22	Head	2600	21.9	1.97	38.42	1.96	39.01	0.51	-1.51
2026.01.23	Head	3500	21.7	2.87	38.32	2.91	37.93	-1.37	1.03
2026.03.01	Head	3500	21.5	2.88	38.23	2.91	37.93	-1.03	0.79
2026.03.02	Head	3500	21.1	2.87	38.27	2.91	37.93	-1.37	0.90
2026.01.24	Head	3700	21.8	3.13	37.62	3.12	37.70	0.32	-0.21
2026.03.03	Head	3700	21.6	3.13	37.66	3.12	37.70	0.32	-0.11
2026.03.04	Head	3900	21.3	3.32	36.72	3.32	37.47	0.00	-2.00
2026.01.25	Head	5250	21.8	4.70	35.91	4.71	35.93	-0.21	-0.06
2026.01.26	Head	5250	21.5	4.70	35.82	4.71	35.93	-0.21	-0.31
2026.01.27	Head	5600	21.9	5.05	35.16	5.07	35.53	-0.39	-1.04

2026.01.29	Head	5600	21.4	5.05	35.17	5.07	35.53	-0.39	-1.01
2026.01.30	Head	5750	21.6	5.17	35.67	5.22	35.36	-0.96	0.88
2026.01.31	Head	5750	21.5	5.18	35.64	5.22	35.36	-0.77	0.79

Note: The tolerance limit of Conductivity and Permittivity is $\pm 5\%$.

ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within its specification of 10 %(for 1 g).

Head Liquid 1g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2026.01.25	Head	750	100	0.861	8.61	8.46	1.77
2026.01.30	Head	750	100	0.829	8.29	8.46	-2.01
2026.01.31	Head	750	100	0.824	8.24	8.46	-2.60
2026.01.15	Head	750	100	0.842	8.42	8.46	-0.47
2026.01.16	Head	750	100	0.831	8.31	8.46	-1.77
2026.02.05	Head	835	100	0.949	9.49	9.74	-2.57
2026.02.06	Head	835	100	0.978	9.78	9.74	0.41
2026.02.07	Head	835	100	0.958	9.58	9.74	-1.64
2026.02.08	Head	835	100	0.963	9.63	9.74	-1.13
2026.02.09	Head	835	100	0.992	9.92	9.74	1.85
2026.02.11	Head	1750	100	3.860	38.60	37.00	4.32
2026.02.12	Head	1750	100	3.710	37.10	37.00	0.27
2026.03.06	Head	1750	100	3.540	35.40	37.00	-4.32
2026.02.13	Head	1950	100	4.250	42.50	41.70	1.92
2026.02.14	Head	1950	100	4.180	41.80	41.70	0.24
2026.03.07	Head	1950	100	4.330	43.30	41.70	3.84
2026.01.17	Head	2450	100	5.390	53.90	52.60	2.47
2026.01.20	Head	2450	100	5.470	54.70	52.60	3.99
2026.02.15	Head	2600	100	5.590	55.90	55.90	0.00
2026.02.26	Head	2600	100	5.510	55.10	55.90	-1.43
2026.02.27	Head	2600	100	5.770	57.70	55.90	3.22
2026.02.28	Head	2600	100	5.430	54.30	55.90	-2.86
2026.01.21	Head	2600	100	5.720	57.20	55.90	2.33
2026.01.22	Head	2600	100	5.580	55.80	55.90	-0.18
2026.01.23	Head	3500	100	6.750	67.50	68.00	-0.74
2026.03.01	Head	3500	100	6.590	65.90	68.00	-3.09
2026.03.02	Head	3500	100	6.630	66.30	68.00	-2.50
2026.01.24	Head	3700	100	6.720	67.20	66.70	0.75
2026.03.03	Head	3700	100	6.680	66.80	66.70	0.15
2026.03.04	Head	3900	100	6.860	68.60	67.60	1.48
2026.01.25	Head	5250	100	7.690	76.90	77.70	-1.03
2026.01.26	Head	5250	100	7.720	77.20	77.70	-0.64
2026.01.27	Head	5600	100	8.350	83.50	81.30	2.71
2026.01.29	Head	5600	100	8.360	83.60	81.30	2.83
2026.01.30	Head	5750	100	7.920	79.20	77.60	2.06
2026.01.31	Head	5750	100	8.050	80.50	77.60	3.74

Note: The tolerance limit of System validation $\pm 10\%$.

Head Liquid 10g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2026.01.25	Head	750	100	0.576	5.76	5.70	1.05
2026.01.30	Head	750	100	0.549	5.49	5.70	-3.68
2026.01.31	Head	750	100	0.552	5.52	5.70	-3.16
2026.01.15	Head	750	100	0.574	5.74	5.70	0.70
2026.01.16	Head	750	100	0.566	5.66	5.70	-0.70
2026.02.05	Head	835	100	0.628	6.28	6.43	-2.33
2026.02.06	Head	835	100	0.651	6.51	6.43	1.24
2026.02.07	Head	835	100	0.632	6.32	6.43	-1.71
2026.02.08	Head	835	100	0.662	6.62	6.43	2.95
2026.02.09	Head	835	100	0.647	6.47	6.43	0.62
2026.02.11	Head	1750	100	2.030	20.30	19.70	3.05
2026.02.12	Head	1750	100	1.950	19.50	19.70	-1.02
2026.03.06	Head	1750	100	1.880	18.80	19.70	-4.57
2026.02.13	Head	1950	100	2.180	21.80	21.70	0.46
2026.02.14	Head	1950	100	2.090	20.90	21.70	-3.69
2026.03.07	Head	1950	100	2.240	22.40	21.70	3.23
2026.01.17	Head	2450	100	2.480	24.80	24.70	0.40
2026.01.20	Head	2450	100	2.520	25.20	24.70	2.02
2026.02.15	Head	2600	100	2.570	25.70	25.40	1.18
2026.02.26	Head	2600	100	2.490	24.90	25.40	-1.97
2026.02.27	Head	2600	100	2.610	26.10	25.40	2.76
2026.02.28	Head	2600	100	2.450	24.50	25.40	-3.54
2026.01.21	Head	2600	100	2.650	26.50	25.40	4.33
2026.01.22	Head	2600	100	2.520	25.20	25.40	-0.79
2026.01.23	Head	3500	100	2.690	26.90	26.10	3.07
2026.03.01	Head	3500	100	2.670	26.70	26.10	2.30
2026.03.02	Head	3500	100	2.470	24.70	26.10	-5.36
2026.01.24	Head	3700	100	2.390	23.90	24.60	-2.85
2026.03.03	Head	3700	100	2.430	24.30	24.60	-1.22
2026.03.04	Head	3900	100	2.410	24.10	23.60	2.12
2026.01.25	Head	5250	100	2.130	21.30	22.00	-3.18
2026.01.26	Head	5250	100	2.230	22.30	22.00	1.36
2026.01.27	Head	5600	100	2.350	23.50	23.10	1.73
2026.01.29	Head	5600	100	2.390	23.90	23.10	3.46
2026.01.30	Head	5750	100	2.170	21.70	21.90	-0.91
2026.01.31	Head	5750	100	2.240	22.40	21.90	2.28

Note 1: The tolerance limit of System validation $\pm 10\%$.

Note 2: Please refer the document "BL-SZ25C1313-ASC.pdf".

ANNEX C TEST DATA

Please refer the document “BL-SZ25C1313-ATD.pdf”.

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25C1313-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “BL-SZ25C1313-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “BL-SZ25C1313-AC.pdf”.

ANNEX G TUNE-UP PROCEDURE

Please refer the document “BL-SZ25C1313-AT.pdf”.

Statement

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--END OF REPORT--