

TEST REPORT

Applicant: Xiaomi Communications Co., Ltd.
Address: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road,
Haidian District, Beijing, China, 100085
Equipment Type: Mobile Phone
Model Name: 2312DRAABG
Brand Name: Redmi
FCC ID: 2AFZZAABG
Test Standard: FCC 47 CFR Part 2.1093
(refer to section 3.1)
Maximum SAR: Head (1 g@0mm): 1.07 W/kg
Body-worn (1 g@10mm): 0.99 W/kg
Hotspot (1 g@10mm): 0.99 W/kg
Specific (10 g@10mm): 2.51 W/kg
Sample Arrival Date: Aug. 17, 2023
Test Date: Aug. 17, 2023 - Oct. 07, 2023
Date of Issue: Oct. 08, 2023

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Fan Huimin**Checked by:** Xu Rui**Approved by:** Tolan Tu

(Testing Director)

*Fan Huimin**Xu Rui**Tolan Tu*

Revision History		
Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Oct. 08, 2023</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	<input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	<input type="checkbox"/> 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
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	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer Information

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	2312DRAABG
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P2
Software Version	MIUI 14
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	SC-SZ2360921-S65, S67, S71, S72, S73, S74, S75; SC-SZ2370819-S24, S26
IMEI Number	SC-SZ2360921-S65: IMEI1 862210060179043, IMEI2 862210060179050
	SC-SZ2360921-S67: IMEI1 862210060185222, IMEI2 862210060185230
	SC-SZ2360921-S71: IMEI1 862210060165331, IMEI2 862210060165331
	SC-SZ2360921-S72: IMEI1 862210060182906, IMEI2 862210060182914
	SC-SZ2360921-S73: IMEI1 862210060182468, IMEI2 862210060182476
	SC-SZ2360921-S74: IMEI1 862210060183920, IMEI2 862210060183938
	SC-SZ2360921-S75: IMEI1 862210060181965, IMEI2 862210060181973
	SC-SZ2370819-S24: IMEI1 862210060221902, IMEI2: 862210060221910

	SC-SZ2370819-S26: IMEI1 862210060227545, IMEI2 862210060227552
<p>Note1: EUT ID is used to identify the test sample in the lab internally.</p> <p>Note2: It is performed to test SAR with the EUT S71, S72, S73, S74, S75 and conducted power with the EUT S65 & S67.</p> <p>Note3: The product supports alternative RF components, the full test was performed with main components. And used replacement component's EUT(EUT S26) to verify SAR in the main components worst case.</p>	

2.4 Ancillary Equipment

Please refer the document "BL-SZ2380575-AW EUT external photo.pdf".

2.5 Technical Information

<p>Network and Wireless connectivity</p>	<p>2G Network GSM/GPRS/EDGE 850/900/1800/1900 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA Band 1/2/4/5/8 4G Network FDD LTE Band 1/2/3/4/5/7/8/12/13/17/20/26/28/32/66 TDD LTE Band 38/40/41 LTE CA Uplink (UL): CA_3C, CA_7C, CA_38C, CA_40C, CA_1A-3A, CA_1A-7A, CA_1A-8A, CA_3A-7A, CA_2A-4A, CA_1A-20A, CA_3A-20A, CA_4A-7A, CA_7A-28A, CA_7A-20A LTE CA Downlink (DL): CA_20A-32A 5G Network SA: NR n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n66/n77/n78 NSA(EN-DC): DC_1A_n3A, DC_1A_n5A, DC_1A_n7A, DC_1A_n8A, DC_1A_n20A, DC_1A_n28A, DC_1A_n38A, DC_1A_n40A, DC_1A_n41A, DC_1A_n77A, DC_1A_n78A, DC_2A_n66A, DC_2A_n78A, DC_3A_n1A, DC_3A_n3A, DC_3A_n5A, DC_3A_n7A, DC_3A_n20A, DC_3A_n28A, DC_3A_n38A, DC_3A_n40A, DC_3A_n41A, DC_3A_n77A, DC_3A_n78A, DC_5A_n1A, DC_5A_n3A, DC_5A_n40A, DC_5A_n66A, DC_5A_n78A, DC_7A_n1A, DC_7A_n3A, DC_7A_n5A, DC_7A_n8A, DC_7A_n20A, DC_7A_n28A, DC_7A_n78A, DC_8A_n1A, DC_8A_n3A, DC_8A_n40A, DC_8A_n41A, DC_8A_n77A, DC_8A_n78A, DC_12A_n66A, DC_20A_n1A, DC_20A_n3A, DC_20A_n7A, DC_20A_n28A, DC_20A_n41A, DC_20A_n78A, DC_26A_n78A, DC_28A_n1A, DC_28A_n3A, DC_28A_n7A, DC_28A_n40A, DC_28A_n41A, DC_28A_n77A, DC_28A_n78A, DC_38A_n28A, DC_38A_n78A, DC_40A_n1A, DC_40A_n28A, DC_40A_n78A, DC_41A_n78A, DC_41A_n41A, DC_41A_n1A, DC_41A_n28A, DC_66A_n38A, DC_66A_n41A, DC_66A_n78A, DC_66A_n7A, DC_5A_n7A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, NFC, FM receiver</p>
<p>Note: The EUT is a mobile phone, which supports dual SIM card under the same transceiver. Each SIM supports GSM, WCDMA, LTE and NR, and both SIM share the same transmitting electro circuit, NV parameters, so only SIM1 was tested in this report.</p>	

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

Operating Mode	GSM, WCDMA, LTE, NR, 2.4G WLAN, 5G WLAN, Bluetooth		
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 ~ 2155 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 ~ 849 MHz	RX: 859 ~ 894 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2180 MHz
	LTE Band 38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	LTE Band 41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	NR n5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	NR n7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 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 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 /n(HT20)	2412 ~ 2462 MHz	
	802.11a/ /n(HT20/HT40) /ac(VHT20/VHT40 /VHT80)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
5470 ~ 5725 MHz			
Bluetooth	5725 ~ 5850 MHz		
	2402 ~ 2480 MHz		
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna		
DTM	N/A		
Hotspot Function	Support		
Power Reduction	Support		
Exposure Category	General Population/Uncontrolled exposure		
Product Type	Portable Device		
EUT Type	<input checked="" type="checkbox"/> Production unit		<input type="checkbox"/> Identical prototype

Note:

1. The device utilizes independent power reduction mechanisms for SAR compliance for the 2/3/4/5G transmitter for held-to-ear exposure conditions.
2. The device utilizes independent power reduction mechanisms for SAR compliance for the 2/3/4/5G transmitter for near to body exposure conditions.
3. The reduction power details please refer section 8.7.

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 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 941225 D05A v01r02	REL. 10 LTE SAR TEST GUIDANCE AND KDB INQUIRIES
7	KDB 941225 D06 v02r01	SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES
8	KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
9	KDB 865664 D02 v01r02	RF Exposure Reporting
10	KDB 648474 D04 v01r03	SAR EVALUATION CONSIDERATIONS FOR WIRELESS HANDSETS
11	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 (0mm)	Body-worn (15mm)	Hotspot (10mm)	Specific (0mm)	Head (0mm)	Body-worn (15mm)	Hotspot (10mm)	Specific (0mm)
		1g SAR			10g SAR	1g SAR			10g SAR
PCE	GSM 850	0.68	0.31	0.31	/	1.07	0.99	0.99	2.51
	GSM 1900	0.68	0.36	0.36	/				
	WCDMA Band 2	0.92	0.58	0.58	1.32				
	WCDMA Band 4	0.91	0.99	0.99	1.46				
	WCDMA Band 5	0.80	0.42	0.42	/				
	LTE Band 2	0.94	0.68	0.68	1.90				
	LTE Band 4	0.92	0.88	0.88	0.89				
	LTE Band 5	0.83	0.44	0.44	/				
	LTE Band 7	0.74	0.58	0.58	1.92				
	LTE Band 12	0.31	0.22	0.22	/				
	LTE Band 13	0.62	0.26	0.26	/				
	LTE Band 17	0.30	0.22	0.22	/				
	LTE Band 26	0.65	0.37	0.37	/				
	LTE Band 38	0.74	0.78	0.78	1.40				
	LTE Band 41	0.85	0.73	0.73	1.43				
	LTE Band 66	0.97	0.91	0.91	1.85				
	NR 5	0.65	0.28	0.28	/				
	NR 7	1.07	0.59	0.59	2.19				
	NR 38	1.05	0.97	0.97	2.51				
	NR 41	0.95	0.98	0.98	2.25				
NR 66	0.83	0.81	0.81	1.47					
NR 77	0.82	0.96	0.96	2.31					
NR 78	1.04	0.98	0.98	2.37					
DTS	2.4G WLAN	0.57	0.16	0.16	/				
NII	5.2G WLAN	/	/	0.33	/				
	5.3G WLAN	0.15	0.35	/	0.77				
	5.6G WLAN	0.21	0.32	/	0.37				
	5.8G WLAN	0.23	0.21	0.24	/				
DSS	Bluetooth	0.24	0.08	0.08	/				
Limit (W/kg)		1.6			4.0	1.6			4.0
Verdict		PASS							

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 1.07 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 2.51 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:

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

SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

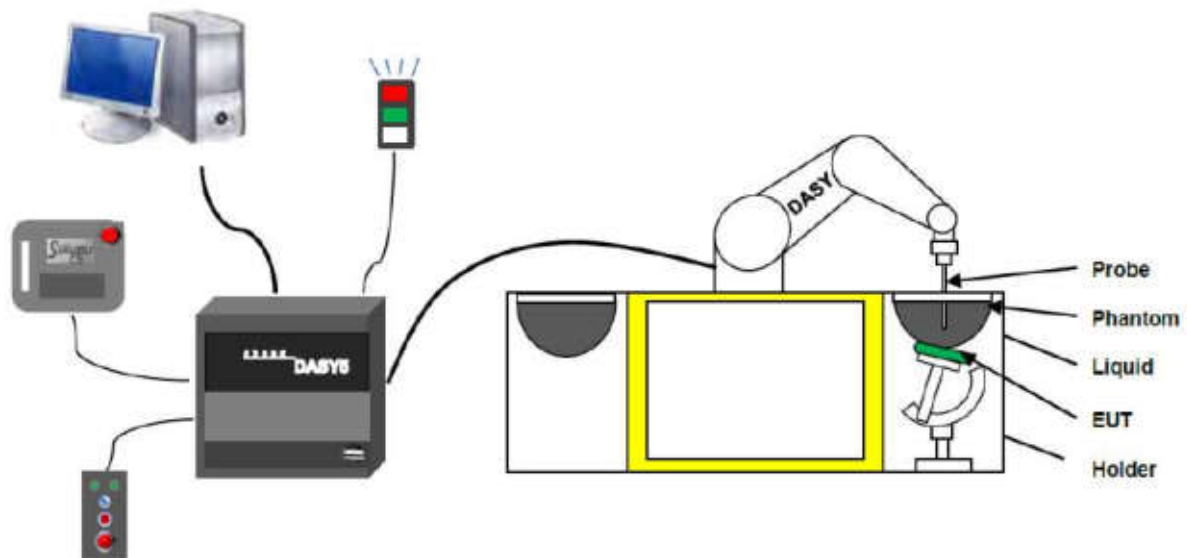
$$SAR = \frac{\sigma E^2}{\rho}$$

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 DASY5 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 DASYS5 measurement server.
6. The DASYS5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.
7. DASYS5 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 fields 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-SN:7607 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	10 MHz to 6 GHz; Linearity: ± 0.2 dB (30 MHz to 6 GHz)
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 CENELEC EN 62209-1/-2 and IEEE 1528 std, with CALISAR, Antennessa proprietary calibration system. The calibration is performed with the EN 62209-1/2 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

Photo of Phantom SN1576



Serial Number	Material	Length	Height
SN 1576 SAM1	Vinylester, glass fiber reinforced	1000	500

4.2.6 Device Holder

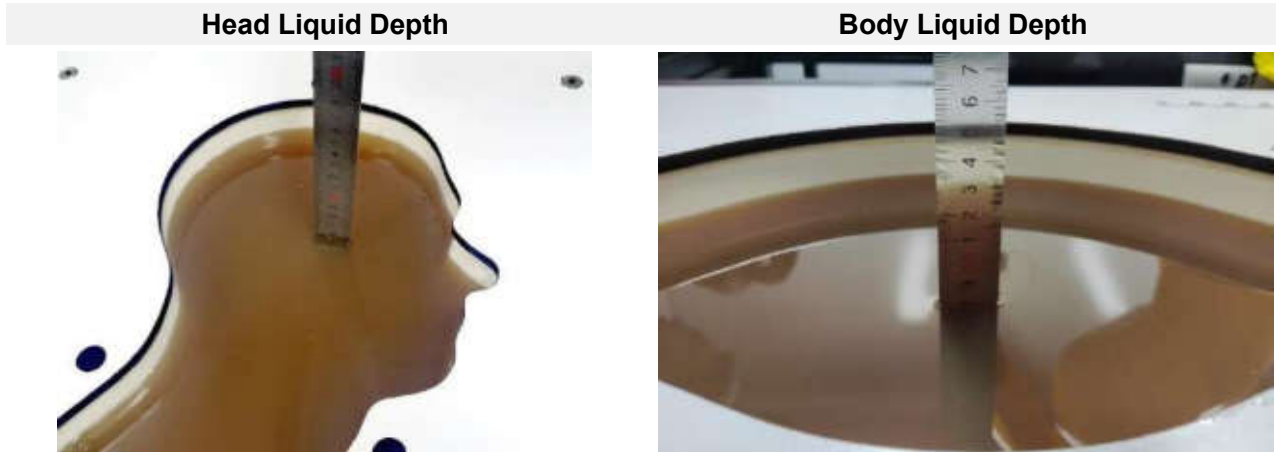
The DASY5 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65° . The bottom plate contains three pair of bolts for 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%.



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	Ethenediol, Sodium petroleum sulfonate, Hexylene Glycol / 2-Methyl-pentane-2.4-diol, Alkoxyated alcohol

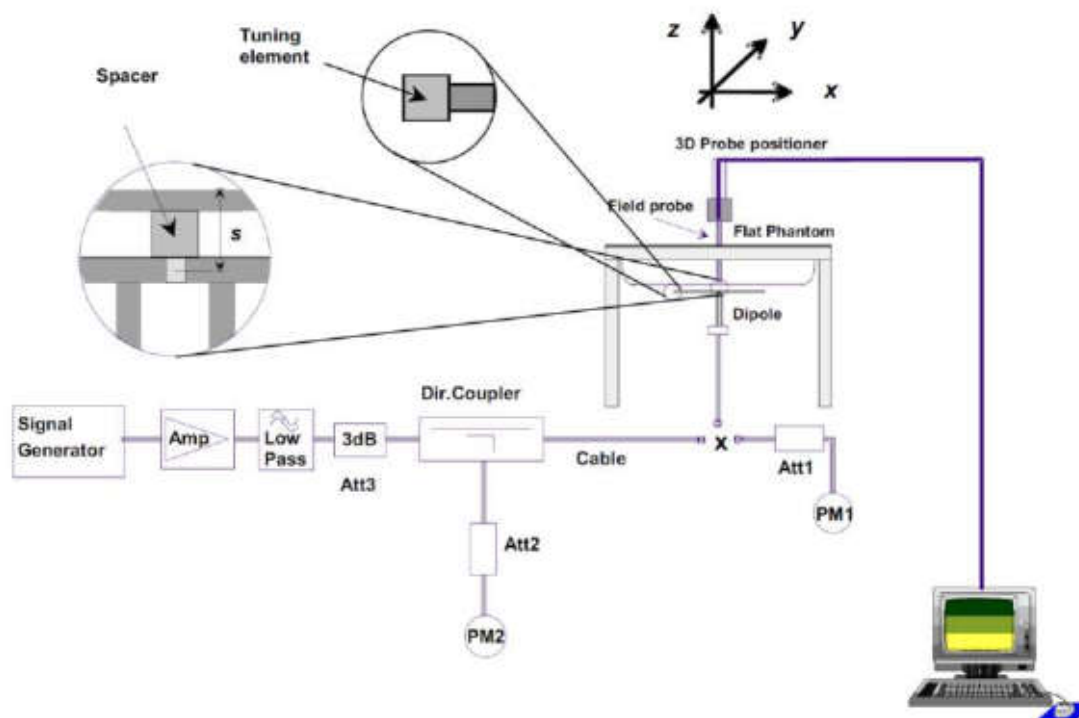
5 SYSTEM VERIFICATION

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

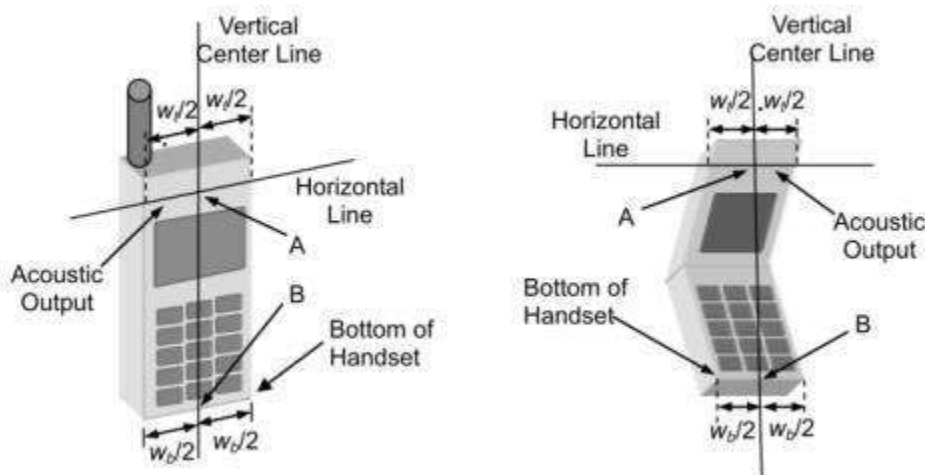
According to KDB 648474 D04 Handset, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

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.

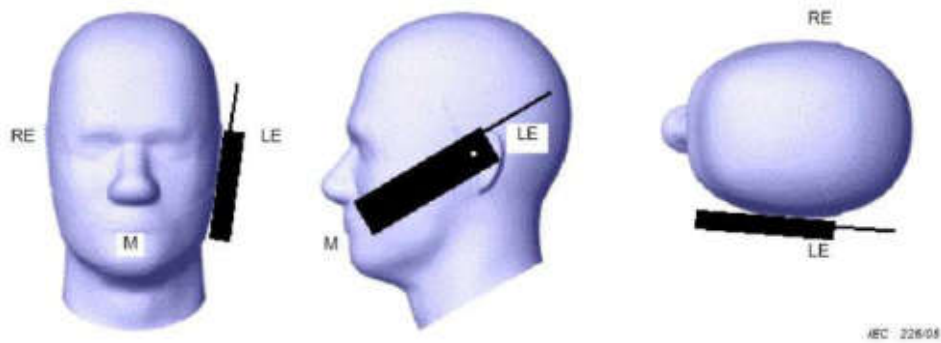
6.1.1 Two Imaginary Lines on the Handset

- 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

- 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.
- 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

- To position the device in the "cheek" position described above.
- 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.

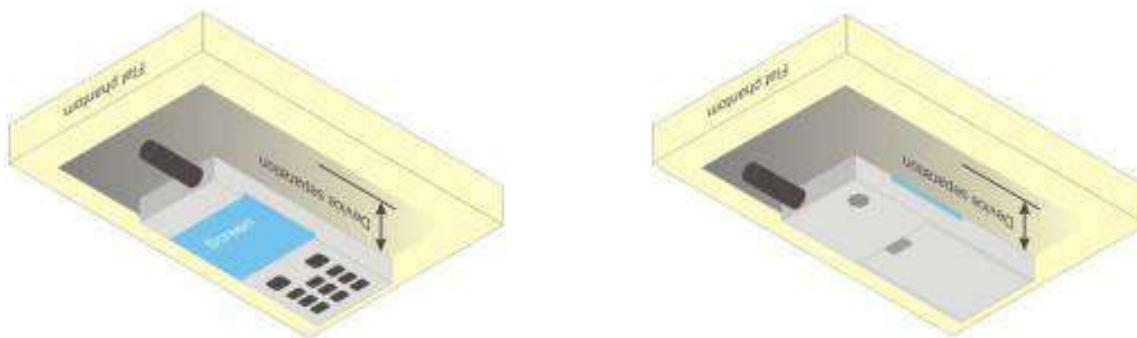


6.2 Body-worn Position Conditions

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.

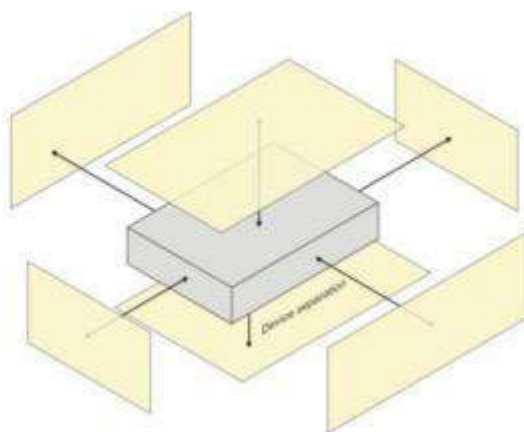
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.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



6.3 Hotspot Mode Exposure Position Conditions

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing functions, the relevant hand and body exposure conditions are tested according to the hotspot SAR procedures in KDB 941225. A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge. When the form factor of a handset is smaller than 9 cm x 5 cm, a test separation distance of 5 mm (instead of 10 mm) is required for testing hotspot mode. When the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).



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;

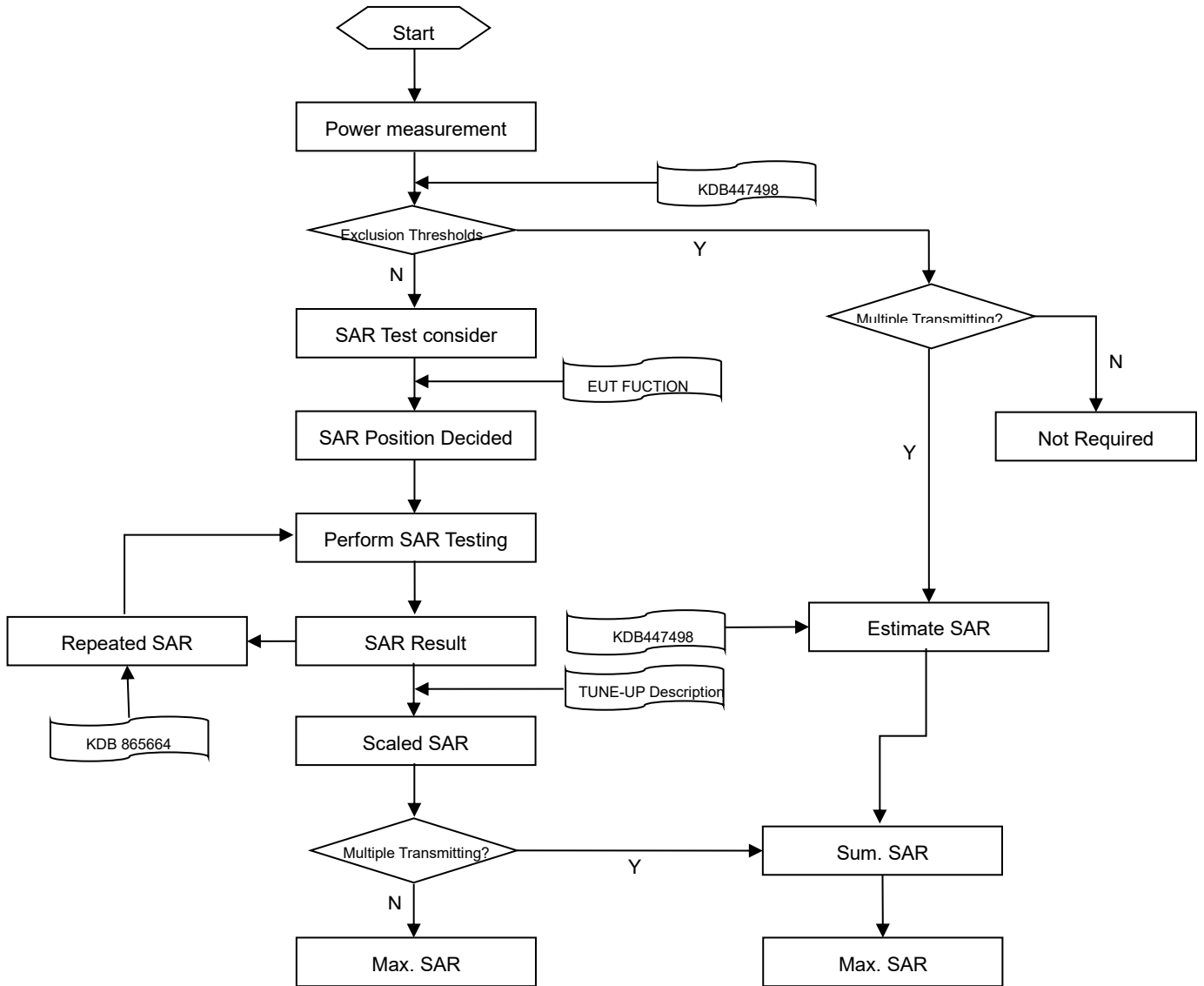
The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address 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.

6

6.

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	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ 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
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.

8 CONDUCTED RF OUPUT POWER

8.1 GSM

Please refer the document “Conducted RF Output Power List.pdf”.

8.2 WCDMA

Please refer the document “Conducted RF Output Power List.pdf”.

8.3 LTE

Please refer the document “Conducted RF Output Power List.pdf”.

8.4 Uplink CA Power

Note:

1. This devices supports intra-band uplink CA of 7C/38C, inter-band uplink CA of 4A+7A.
2. For intra-band uplink carrier aggregation power verification and measurement is selected highest PCC and SCC bandwidth combination to do and was according to 3GPP 36.52101 sectino6.2.2A.1 and section 6.2.2A.2 test procedure.
3. For intra-band uplink CA output power was measured high / middle / low channel combination, and for SAR verification is selected highest output power combination with each exposure condition in each frequency band using the highest SAR configuration test in standalone LTE mode.

Please refer the document “Conducted RF Output Power List.pdf”.

8.5 NR 5G

Please refer the document “Conducted RF Output Power List.pdf”.

8.6 WIFI

8.6.1 2.4G WLAN-Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	16.60	17.5	No
		6	2437	16.92	17.5	No
		11	2462	16.70	17.5	No
	802.11g	1	2412	14.23	15	No
		6	2437	14.45	15	No
		11	2462	14.27	15	No
	802.11n(HT20)	1	2412	14.13	15	No
		6	2437	14.38	15	No
		11	2462	14.11	15	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

- 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power.
- 2) When multiple transmission modes (802.11b/g/n) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n.
- 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required.

Adjusted SAR = $0.571 * (56.23\text{mW}/31.62\text{mW}) = 1.015$ W/Kg, so 2.4G OFDM SAR test is not required.

8.6.2 2.4G WLAN-DSI1

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	16.60	17.5	No
		6	2437	16.92	17.5	Yes
		11	2462	16.70	17.5	No
	802.11g	1	2412	14.23	15	No
		6	2437	14.45	15	No
		11	2462	14.27	15	No
	802.11n(HT20)	1	2412	14.13	15	No
		6	2437	14.38	15	No
		11	2462	14.11	15	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power.

2) When multiple transmission modes (802.11b/g/n) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n.

3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required.

Adjusted SAR = $0.571 * (56.23\text{mW}/31.62\text{mW}) = 1.015$ W/Kg, so 2.4G OFDM SAR test is not required.

8.6.3 2.4G WLAN-DSI2

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	16.60	17.5	No
		6	2437	16.92	17.5	Yes
		11	2462	16.70	17.5	No
	802.11g	1	2412	14.23	15	No
		6	2437	14.45	15	No
		11	2462	14.27	15	No
	802.11n(HT20)	1	2412	14.13	15	No
		6	2437	14.38	15	No
		11	2462	14.11	15	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power.

2) When multiple transmission modes (802.11b/g/n) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n.

3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required.

Adjusted SAR = $0.571 * (56.23\text{mW}/31.62\text{mW}) = 1.015$ W/Kg, so 2.4G OFDM SAR test is not required.

8.6.4 5G WLAN-Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	17.91	18.5	No
		44	5220	18.05	18.5	No
		48	5240	18.16	18.5	No
	802.11n(HT20)	36	5180	16.83	17.5	No
		44	5220	16.80	17	No
		48	5240	16.74	17	No
	802.11n(HT40)	38	5190	15.92	16.5	No
		46	5230	15.95	16.5	No
	802.11ac(VHT20)	36	5180	16.85	17.5	No
		44	5220	17.00	17.5	No
		48	5240	17.02	17.5	No
	802.11ac(VHT40)	38	5190	15.93	16.5	No
		46	5230	16.04	16.5	No
	802.11ac(VHT80)	42	5210	14.85	15.5	No
5.3 (5.25~5.35)	802.11a	52	5260	17.27	18.5	No
		60	5300	17.42	18.5	No
		64	5320	17.46	18.5	No
	802.11n(HT20)	52	5260	16.06	17.5	No
		60	5300	16.33	17.5	No
		64	5320	16.16	17.5	No
	802.11n(HT40)	54	5270	15.24	16.5	No
		62	5310	15.35	16.5	No
	802.11ac(VHT20)	52	5260	16.15	17.5	No
		60	5300	16.34	17.5	No
		64	5320	16.23	17.5	No
	802.11ac(VHT40)	54	5270	15.29	16.5	No
		62	5310	15.30	16.5	No
	802.11ac(VHT80)	58	5290	13.96	15.5	No
5.6 (5.47~5.725)	802.11a	100	5500	17.27	18	No
		116	5580	17.31	18.5	No
		140	5700	15.25	17	No
	802.11n(HT20)	100	5500	16.02	17.5	No
		116	5580	16.51	17.5	No
		140	5700	15.10	16.5	No
	802.11n(HT40)	102	5510	13.11	15	No
		118	5590	14.18	15	No

		134	5670	14.19	15	No
	802.11ac(VHT20)	100	5500	16.60	17.5	No
		116	5580	17.18	17.5	No
		140	5700	14.55	16.5	No
	802.11ac(VHT40)	102	5510	14.58	16.5	No
		118	5590	15.77	16.5	No
		134	5670	15.73	16.5	No
	802.11ac(VHT80)	106	5530	13.32	15	No
		122	5610	13.86	15	No
	5.8 (5.725~5.850)	802.11a	149	5745	14.69	15.5
157			5785	14.75	15.5	No
165			5825	14.79	15.5	No
802.11n(HT20)		149	5745	14.00	15	No
		157	5785	14.12	15	No
		165	5825	14.18	15	No
802.11n(HT40)		151	5755	14.69	15.5	No
		159	5795	14.65	15.5	No
802.11ac(VHT20)		149	5745	14.51	15.5	No
		157	5785	14.61	15.5	No
		165	5825	14.63	15.5	No
802.11ac(VHT40)		151	5755	14.65	15.5	No
		159	5795	14.76	15.5	No
802.11ac(VHT80)		155	5775	14.35	15.5	No

Note: When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

8.6.5 5G WLAN-DS11

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	10.00	10.5	No
		44	5220	10.06	10.5	No
		48	5240	10.11	10.5	No
	802.11n(HT20)	36	5180	10.17	10.5	No
		44	5220	10.00	10.5	No
		48	5240	10.10	10.5	No
	802.11n(HT40)	38	5190	10.02	10.5	No
		46	5230	10.03	10.5	No
	802.11ac(VHT20)	36	5180	10.08	10.5	No
		44	5220	9.91	10.5	No
		48	5240	10.18	10.5	No
	802.11ac(VHT40)	38	5190	9.94	10.5	No
		46	5230	10.02	10.5	No
	802.11ac(VHT80)	42	5210	10.02	10.5	No
5.3 (5.25~5.35)	802.11a	52	5260	10.34	10.5	No
		60	5300	10.34	10.5	No
		64	5320	10.30	10.5	No
	802.11n(HT20)	52	5260	10.29	10.5	No
		60	5300	10.27	10.5	No
		64	5320	10.31	10.5	No
	802.11n(HT40)	54	5270	10.11	10.5	No
		62	5310	10.29	10.5	No
	802.11ac(VHT20)	52	5260	10.18	10.5	No
		60	5300	10.25	10.5	No
		64	5320	10.26	10.5	No
	802.11ac(VHT40)	54	5270	10.39	10.5	No
		62	5310	10.14	10.5	No
	802.11ac(VHT80)	58	5290	10.40	10.5	Yes
5.6 (5.47~5.725)	802.11a	100	5500	10.95	11.5	No
		116	5580	10.96	11.5	No
		140	5700	10.97	11.5	No
	802.11n(HT20)	100	5500	11.20	11.5	No
		116	5580	11.10	11.5	No
		140	5700	11.09	11.5	No
	802.11n(HT40)	102	5510	10.94	11.5	No
		118	5590	11.01	11.5	No

		134	5670	11.00	11.5	No
	802.11ac(VHT20)	100	5500	11.15	11.5	No
		116	5580	11.19	11.5	No
		140	5700	10.91	11.5	No
	802.11ac(VHT40)	102	5510	11.19	11.5	No
		118	5590	11.06	11.5	No
		134	5670	11.08	11.5	No
	802.11ac(VHT80)	106	5530	10.93	11.5	No
		122	5610	11.14	11.5	Yes
	5.8 (5.725~5.850)	802.11a	149	5745	11.14	11.5
157			5785	11.19	11.5	No
165			5825	10.92	11.5	No
802.11n(HT20)		149	5745	10.92	11.5	No
		157	5785	11.06	11.5	No
		165	5825	11.08	11.5	No
802.11n(HT40)		151	5755	11.09	11.5	No
		159	5795	11.01	11.5	No
802.11ac(VHT20)		149	5745	10.96	11.5	No
		157	5785	11.02	11.5	No
		165	5825	11.10	11.5	No
802.11ac(VHT40)		151	5755	11.08	11.5	No
		159	5795	10.99	11.5	No
802.11ac(VHT80)		155	5775	11.09	11.5	Yes

Note: When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

8.6.6 5G WLAN-DSI2

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	17.91	18.5	No
		44	5220	18.05	18.5	No
		48	5240	18.16	18.5	Yes
	802.11n(HT20)	36	5180	16.83	17.5	No
		44	5220	16.80	17	No
		48	5240	16.74	17	No
	802.11n(HT40)	38	5190	15.92	16.5	No
		46	5230	15.95	16.5	No
	802.11ac(VHT20)	36	5180	16.85	17.5	No
		44	5220	17.00	17.5	No
		48	5240	17.02	17.5	No
	802.11ac(VHT40)	38	5190	15.93	16.5	No
		46	5230	16.04	16.5	No
	802.11ac(VHT80)	42	5210	14.85	15.5	No
5.3 (5.25~5.35)	802.11a	52	5260	17.27	18.5	No
		60	5300	17.42	18.5	No
		64	5320	17.46	18.5	Yes
	802.11n(HT20)	52	5260	16.06	17.5	No
		60	5300	16.33	17.5	No
		64	5320	16.16	17.5	No
	802.11n(HT40)	54	5270	15.24	16.5	No
		62	5310	15.35	16.5	No
	802.11ac(VHT20)	52	5260	16.15	17.5	No
		60	5300	16.34	17.5	No
		64	5320	16.23	17.5	No
	802.11ac(VHT40)	54	5270	15.29	16.5	No
		62	5310	15.30	16.5	No
	802.11ac(VHT80)	58	5290	13.96	15.5	No
5.6 (5.47~5.725)	802.11a	100	5500	17.27	18	No
		116	5580	17.31	18.5	Yes
		140	5700	15.25	17	No
	802.11n(HT20)	100	5500	16.02	17.5	No
		116	5580	16.51	17.5	No
		140	5700	15.10	16.5	No
	802.11n(HT40)	102	5510	13.11	15	No
118		5590	14.18	15	No	

		134	5670	14.19	15	No
	802.11ac(VHT20)	100	5500	16.60	17.5	No
		116	5580	17.18	17.5	No
		140	5700	14.55	16.5	No
	802.11ac(VHT40)	102	5510	14.58	16.5	No
		118	5590	15.77	16.5	No
		134	5670	15.73	16.5	No
	802.11ac(VHT80)	106	5530	13.32	15	Yes
		122	5610	13.86	15	Yes
	5.8 (5.725~5.850)	802.11a	149	5745	14.69	15.5
157			5785	14.75	15.5	No
165			5825	14.79	15.5	No
802.11n(HT20)		149	5745	14.00	15	No
		157	5785	14.12	15	No
		165	5825	14.18	15	No
802.11n(HT40)		151	5755	14.69	15.5	No
		159	5795	14.65	15.5	No
802.11ac(VHT20)		149	5745	14.51	15.5	No
		157	5785	14.61	15.5	No
		165	5825	14.63	15.5	No
802.11ac(VHT40)		151	5755	14.65	15.5	No
		159	5795	14.76	15.5	No
802.11ac(VHT80)		155	5775	14.35	15.5	Yes

Note: When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

8.7 Power Reduction List

1. This mobile phone device supports the receiver detection mechanism .This device uses the receiver to indicate whether the user is making a call in head.
2. When device is making call in head, and the receiver will work, the power reduction will applied for SAR compliance.
3. When there is a voice call (including VOIP), the audio is actively routed through the headset or speaker, and the receiver will not work, which indicating the body/Limbs exposure conditions will trigger the body/Limbs exposure reduced the power.
4. When this device used data mode only, and the receiver will not work too, the reduced the power are same as body/Limbs exposure.
- 5.The device employs proximity sensors that detect the presence of the user’s body of the device. When these conditions are detected, Body reduced power will be active.

WWAN Reduced power level table

Reduced level	Sensor state	Receiver state	Antenna	Position
DSI1	N/A	On (head scenario)	Ant.1	Head
			Ant.2	
			Ant.3	
			Ant.4	
			Ant.5	
			Ant.6	
DSI2	Off (Sensor1) +Off (Sensor2) +Off (Sensor3)	Off (Body scenario)	Ant.1	Front Side;Back Side; Left Edge;Right Edge;Top Edge;Bottom Edge
	/		Ant.2	
			Ant.3	
			Ant.4	
			Ant.5	
			Ant.6	
DSI3	On (Sensor1) +Off (Sensor2) +Off (Sensor3)	Off (Body scenario)	Ant.1	Front Side;Back Side;Bottom Edge
	/		Ant.2	
			Ant.3	
			Ant.4	
			Ant.5	
			Ant.6	
DSI4	N/A (Sensor1) +Off (Sensor2) / Off (Sensor3)	Off (Body scenario)	Ant.1	Front Side;Back Side;Left Edge;Top Edge
	/		Ant.2	
			Ant.3	
			Ant.4	
			Ant.5	
			Ant.6	

Note:

1. The max value is taken for multi condition fallback;

2. Single/union mode is not distinguished in all scenes, and the max value of single/union mode should be taken for fallback;
3. Ant.5 and Ant.6 reduce power by conduction; Ant.1/2/3/4 reduce power by SAR sensor.

WWAN Antenna Power table

Mode	Antenna	WWAN Antenna				
		Full Power	Receiver on		Receiver off	
			Head		Body-worn&Hotspot&Specific	
			Standalone&Simultaneous transmission		Standalone&Simultaneous transmission	
Off	DSI1	DSI2	DSI3	DSI4		
GSM 850	Ant.4	33.50	33.50	33.50	33.50	33.50
GPRS850 1 Tx Slot	Ant.4	33.50	33.50	33.50	33.50	33.50
GPRS850 2 Tx Slot	Ant.4	30.50	30.50	30.50	30.50	30.50
GPRS850 3 Tx Slot	Ant.4	28.50	28.50	28.50	28.50	28.50
GPRS850 4 Tx Slot	Ant.4	27.50	27.50	27.50	27.50	27.50
EGPRS850 1 Tx Slot	Ant.4	27.50	27.50	27.50	27.50	27.50
EGPRS850 2 Tx Slot	Ant.4	24.50	24.50	24.50	24.50	24.50
EGPRS850 3 Tx Slot	Ant.4	22.70	22.70	22.70	22.70	22.70
EGPRS850 4 Tx Slot	Ant.4	21.50	21.50	21.50	21.50	21.50
GSM 850	Ant.1	33.50	33.50	33.50	33.50	33.50
GPRS850 1 Tx Slot	Ant.1	33.50	33.50	33.50	33.50	33.50
GPRS850 2 Tx Slot	Ant.1	30.50	30.50	30.50	30.50	30.50
GPRS850 3 Tx Slot	Ant.1	28.70	28.70	28.70	28.70	28.70
GPRS850 4 Tx Slot	Ant.1	27.50	27.50	27.50	27.50	27.50
EGPRS850 1 Tx Slot	Ant.1	27.50	27.50	27.50	27.50	27.50
EGPRS850 2 Tx Slot	Ant.1	24.50	24.50	24.50	24.50	24.50
EGPRS850 3 Tx Slot	Ant.1	22.70	22.70	22.70	22.70	22.70
EGPRS850 4 Tx Slot	Ant.1	21.50	21.50	21.50	21.50	21.50
GSM1900	Ant.4	30.50	26.00	30.50	30.50	25.50
GPRS1900 1 Tx Slot	Ant.4	30.50	26.00	30.50	30.50	25.50
GPRS1900 2 Tx Slot	Ant.4	27.50	23.00	27.50	27.50	22.50
GPRS1900 3 Tx Slot	Ant.4	25.50	21.20	25.70	25.70	20.70
GPRS1900 4 Tx Slot	Ant.4	24.50	20.00	24.50	24.50	19.50
EGPRS1900 1 Tx Slot	Ant.4	27.00	22.50	27.00	27.00	22.00
EGPRS1900 2 Tx Slot	Ant.4	24.00	19.50	24.00	24.00	19.00
EGPRS1900 3 Tx Slot	Ant.4	22.20	17.70	22.20	22.20	17.20
EGPRS1900 4 Tx Slot	Ant.4	21.00	16.50	21.00	21.00	16.00
GSM1900	Ant.1	30.50	30.50	30.50	26.50	26.50
GPRS1900 1 Tx Slot	Ant.1	30.50	30.50	30.50	26.50	26.50
GPRS1900 2 Tx Slot	Ant.1	27.50	27.50	27.50	23.50	23.50
GPRS1900 3 Tx Slot	Ant.1	25.70	25.70	25.70	21.70	21.70
GPRS1900 4 Tx Slot	Ant.1	24.50	24.50	24.50	20.50	20.50
EGPRS1900 1 Tx Slot	Ant.1	27.00	27.00	27.00	23.00	23.00

EGPRS1900 2 Tx Slot	Ant.1	24.00	24.00	24.00	20.00	20.00
EGPRS1900 3 Tx Slot	Ant.1	22.20	22.20	22.20	18.20	18.20
EGPRS1900 4 Tx Slot	Ant.1	21.00	21.00	21.00	17.00	17.00
WCDMA Band2 RMC	Ant.4	25.00	18.50	24.50	24.50	19.00
WCDMA Band2 AMR	Ant.4	25.00	18.50	24.50	24.50	19.00
HSDPA Subtest-1	Ant.4	24.00	17.50	23.50	23.50	18.00
HSDPA Subtest-2	Ant.4	24.00	17.50	23.50	23.50	18.00
HSDPA Subtest-3	Ant.4	23.50	17.00	23.00	23.00	17.50
HSDPA Subtest-4	Ant.4	23.50	17.00	23.00	23.00	17.50
DC-HSDPA Subtest-1	Ant.4	24.00	17.50	23.50	23.50	18.00
DC-HSDPA Subtest-2	Ant.4	24.00	17.50	23.50	23.50	18.00
DC-HSDPA Subtest-3	Ant.4	23.50	17.00	23.00	23.00	17.50
DC-HSDPA Subtest-4	Ant.4	23.50	17.00	23.00	23.00	17.50
HSUPA Subtest-1	Ant.4	22.00	15.50	21.50	21.50	16.00
HSUPA Subtest-2	Ant.4	22.00	15.50	21.50	21.50	16.00
HSUPA Subtest-3	Ant.4	22.50	16.00	22.00	22.00	16.50
HSUPA Subtest-4	Ant.4	21.50	15.00	21.00	21.00	15.50
HSUPA Subtest-5	Ant.4	23.00	16.50	22.50	22.50	17.00
HSPA+	Ant.4	22.50	16.00	22.00	22.00	16.50
WCDMA Band2 RMC	Ant.1	25.00	25.00	25.00	21.00	21.00
WCDMA Band2 AMR	Ant.1	25.00	25.00	25.00	21.00	21.00
HSDPA Subtest-1	Ant.1	24.00	24.00	24.00	20.00	20.00
HSDPA Subtest-2	Ant.1	24.00	24.00	24.00	20.00	20.00
HSDPA Subtest-3	Ant.1	23.50	23.50	23.50	19.50	19.50
HSDPA Subtest-4	Ant.1	23.50	23.50	23.50	19.50	19.50
DC-HSDPA Subtest-1	Ant.1	24.00	24.00	24.00	20.00	20.00
DC-HSDPA Subtest-2	Ant.1	24.00	24.00	24.00	20.00	20.00
DC-HSDPA Subtest-3	Ant.1	23.50	23.50	23.50	19.50	19.50
DC-HSDPA Subtest-4	Ant.1	23.50	23.50	23.50	19.50	19.50
HSUPA Subtest-1	Ant.1	22.00	22.00	22.00	18.00	18.00
HSUPA Subtest-2	Ant.1	22.00	22.00	22.00	18.00	18.00
HSUPA Subtest-3	Ant.1	22.50	22.50	22.50	18.50	18.50
HSUPA Subtest-4	Ant.1	21.50	21.50	21.50	17.50	17.50
HSUPA Subtest-5	Ant.1	23.00	23.00	23.00	19.00	19.00
HSPA+	Ant.1	22.50	22.50	22.50	18.50	18.50
WCDMA Band4 RMC	Ant.4	25.50	19.00	24.00	24.00	19.50
WCDMA Band4 AMR	Ant.4	25.50	19.00	24.00	24.00	19.50
HSDPA Subtest-1	Ant.4	24.50	18.00	23.00	23.00	18.50
HSDPA Subtest-2	Ant.4	24.50	18.00	23.00	23.00	18.50
HSDPA Subtest-3	Ant.4	24.00	17.50	22.50	22.50	18.00
HSDPA Subtest-4	Ant.4	24.00	17.50	22.50	22.50	18.00
DC-HSDPA Subtest-1	Ant.4	24.50	18.00	23.00	23.00	18.50
DC-HSDPA Subtest-2	Ant.4	24.50	18.00	23.00	23.00	18.50

DC-HSDPA Subtest-3	Ant.4	24.00	17.50	22.50	22.50	18.00
DC-HSDPA Subtest-4	Ant.4	24.00	17.50	22.50	22.50	18.00
HSUPA Subtest-1	Ant.4	22.50	16.00	21.00	21.00	16.50
HSUPA Subtest-2	Ant.4	22.50	16.00	21.00	21.00	16.50
HSUPA Subtest-3	Ant.4	23.00	16.50	21.50	21.50	17.00
HSUPA Subtest-4	Ant.4	22.00	15.50	20.50	20.50	16.00
HSUPA Subtest-5	Ant.4	23.50	17.00	22.00	22.00	17.50
HSPA+	Ant.4	22.50	16.00	21.00	21.00	16.50
WCDMA Band4 RMC	Ant.1	25.50	25.50	25.50	21.50	21.50
WCDMA Band4 AMR	Ant.1	25.50	25.50	25.50	21.50	21.50
HSDPA Subtest-1	Ant.1	24.50	24.50	24.50	20.50	20.50
HSDPA Subtest-2	Ant.1	24.50	24.50	24.50	20.50	20.50
HSDPA Subtest-3	Ant.1	24.00	24.00	24.00	20.00	20.00
HSDPA Subtest-4	Ant.1	24.00	24.00	24.00	20.00	20.00
DC-HSDPA Subtest-1	Ant.1	24.50	24.50	24.50	20.50	20.50
DC-HSDPA Subtest-2	Ant.1	24.50	24.50	24.50	20.50	20.50
DC-HSDPA Subtest-3	Ant.1	24.00	24.00	24.00	20.00	20.00
DC-HSDPA Subtest-4	Ant.1	24.00	24.00	24.00	20.00	20.00
HSUPA Subtest-1	Ant.1	22.50	22.50	22.50	18.50	18.50
HSUPA Subtest-2	Ant.1	22.50	22.50	22.50	18.50	18.50
HSUPA Subtest-3	Ant.1	23.00	23.00	23.00	19.00	19.00
HSUPA Subtest-4	Ant.1	22.00	22.00	22.00	18.00	18.00
HSUPA Subtest-5	Ant.1	23.50	23.50	23.50	19.50	19.50
HSPA+	Ant.1	22.50	22.50	22.50	18.50	18.50
WCDMA Band5 RMC	Ant.4	25.50	25.50	25.50	25.50	25.50
WCDMA Band5 AMR	Ant.4	25.50	25.50	25.50	25.50	25.50
HSDPA Subtest-1	Ant.4	24.50	24.50	24.50	24.50	24.50
HSDPA Subtest-2	Ant.4	24.50	24.50	24.50	24.50	24.50
HSDPA Subtest-3	Ant.4	24.00	24.00	24.00	24.00	24.00
HSDPA Subtest-4	Ant.4	24.00	24.00	24.00	24.00	24.00
DC-HSDPA Subtest-1	Ant.4	24.50	24.50	24.50	24.50	24.50
DC-HSDPA Subtest-2	Ant.4	24.50	24.50	24.50	24.50	24.50
DC-HSDPA Subtest-3	Ant.4	24.00	24.00	24.00	24.00	24.00
DC-HSDPA Subtest-4	Ant.4	24.00	24.00	24.00	24.00	24.00
HSUPA Subtest-1	Ant.4	22.50	22.50	22.50	22.50	22.50
HSUPA Subtest-2	Ant.4	22.50	22.50	22.50	22.50	22.50
HSUPA Subtest-3	Ant.4	23.00	23.00	23.00	23.00	23.00
HSUPA Subtest-4	Ant.4	22.00	22.00	22.00	22.00	22.00
HSUPA Subtest-5	Ant.4	23.50	23.50	23.50	23.50	23.50
HSPA+	Ant.4	22.50	22.50	22.50	22.50	22.50
WCDMA Band5 RMC	Ant.1	25.50	25.50	25.50	25.50	25.50
WCDMA Band5 AMR	Ant.1	25.50	25.50	25.50	25.50	25.50
HSDPA Subtest-1	Ant.1	24.50	24.50	24.50	24.50	24.50

HSDPA Subtest-2	Ant.1	24.50	24.50	24.50	24.50	24.50
HSDPA Subtest-3	Ant.1	24.00	24.00	24.00	24.00	24.00
HSDPA Subtest-4	Ant.1	24.00	24.00	24.00	24.00	24.00
DC-HSDPA Subtest-1	Ant.1	24.50	24.50	24.50	24.50	24.50
DC-HSDPA Subtest-2	Ant.1	24.50	24.50	24.50	24.50	24.50
DC-HSDPA Subtest-3	Ant.1	24.00	24.00	24.00	24.00	24.00
DC-HSDPA Subtest-4	Ant.1	24.00	24.00	24.00	24.00	24.00
HSUPA Subtest-1	Ant.1	22.50	22.50	22.50	22.50	22.50
HSUPA Subtest-2	Ant.1	22.50	22.50	22.50	22.50	22.50
HSUPA Subtest-3	Ant.1	23.00	23.00	23.00	23.00	23.00
HSUPA Subtest-4	Ant.1	22.00	22.00	22.00	22.00	22.00
HSUPA Subtest-5	Ant.1	23.50	23.50	23.50	23.50	23.50
HSPA+	Ant.1	22.50	22.50	22.50	22.50	22.50
LTE Band2	Ant.4	24.50	19.00	24.00	24.00	18.50
LTE Band2	Ant.1	25.00	25.00	25.00	21.00	21.00
LTE Band4	Ant.4	25.00	19.00	24.00	24.00	17.50
LTE Band4	Ant.1	25.50	25.50	25.50	21.50	21.50
LTE Band5	Ant.4	25.50	25.50	25.50	25.50	25.50
LTE Band5	Ant.1	25.50	25.50	25.50	25.50	25.50
LTE Band7	Ant.4	24.50	17.50	24.50	24.50	20.00
LTE Band7	Ant.1	25.50	25.50	25.50	20.50	20.50
LTE Band12	Ant.4	25.50	25.50	25.50	25.50	25.50
LTE Band12	Ant.1	25.50	25.50	25.50	25.50	25.50
LTE Band13	Ant.4	25.50	25.50	25.50	25.50	25.50
LTE Band13	Ant.1	25.50	25.50	25.50	25.50	25.50
LTE Band17	Ant.4	25.50	25.50	25.50	25.50	25.50
LTE Band17	Ant.1	25.50	25.50	25.50	25.50	25.50
LTE Band26	Ant.4	25.00	25.00	25.00	25.00	25.00
LTE Band26	Ant.1	25.00	25.00	25.00	25.00	25.00
LTE Band66	Ant.4	25.00	19.00	24.00	24.00	17.50
LTE Band66	Ant.1	25.50	25.50	25.50	21.50	21.50
LTE Band38	Ant.4	24.50	20.50	24.50	24.50	20.50
LTE Band38	Ant.1	25.50	25.50	25.50	19.50	19.50
LTE Band41	Ant.4	24.50	21.00	24.50	24.50	20.50
LTE Band41	Ant.1	25.50	25.50	25.50	19.00	19.00
NR N5	Ant.4	25.50	25.50	25.50	25.50	25.50
NR N5	Ant.1	25.50	25.50	25.50	25.50	25.50
NR N7	Ant.4	25.50	20.50	25.50	25.50	21.00
NR N7	Ant.1	25.50	25.50	25.50	20.00	20.00
NR N66	Ant.4	25.50	19.50	24.50	24.50	20.50
NR N66	Ant.1	25.50	25.50	25.50	21.50	21.50
NR N38	Ant.4	25.50	18.50	25.50	25.50	21.50
NR N38	Ant.1	25.50	25.50	25.50	19.00	19.00

NR N38	Ant.2	25.00	22.00	24.50	24.50	20.50
NR N38	Ant.5	23.00	21.00	19.00	19.00	19.00
NR N41	Ant.4	25.50	17.50	25.50	25.50	19.50
NR N41	Ant.1	25.50	25.50	25.50	19.00	19.00
NR N41	Ant.2	25.00	22.00	24.50	24.50	20.50
NR N41	Ant.5	23.00	21.00	19.00	19.00	19.00
NR N77	Ant.2	27.50	19.50	23.50	23.50	21.00
NR N77	Ant.3	27.00	18.50	27.00	27.00	21.50
NR N77	Ant.5	27.00	19.00	20.50	20.50	20.50
NR N77	Ant.6	27.00	16.50	21.00	21.00	21.00
NR N78	Ant.2	27.50	21.50	23.50	23.50	22.00
NR N78	Ant.3	27.00	19.00	27.00	27.00	21.50
NR N78	Ant.5	27.00	18.00	21.00	21.00	21.00
NR N78	Ant.6	27.00	18.50	21.50	21.50	21.50

Mode	ENDC LTE							NR NSA								
	ENDC LTE Band	LTE Antenna	Full power	Receiver on		Receiver off			ENDC NR Band	NR Antenna	Full power	Receiver on		Receiver off		
				Head		Body-worn&Hotspot&Specific						Head		Body-worn&Hotspot&Specific		
				Standalone&Simultaneous transmission		Standalone&Simultaneous transmission						Standalone&Simultaneous transmission		Standalone&Simultaneous transmission		
				DSI1		DSI2	DSI3	DSI4				DSI1		DSI2	DSI3	DSI4
ENDC_7A_n5A	LTE B7	ANT2	24.5	21.5	24	24	19.5	N5	ANT4	25.5	25.5	25.5	25.5	25.5	25.5	
ENDC_5A_n7A	LTE B5	ANT4	25.5	23.5	25.5	25.5	25.5	N7	ANT1	25.5	25.5	25.5	19	19	19	
ENDC_66A_n7A	LTE B66	ANT2	25	21.5	23	23	20	N7	ANT1	25.5	25.5	25.5	19	19	19	
ENDC_66A_n38A	LTE B66	ANT2	25	21.5	23	23	20	N38	ANT1	25.5	25.5	25.5	19	19	19	
	LTE B66	ANT2	25	21.5	23	23	20	N38	ANT4	25.5	15.5	25.5	25.5	20.5	20.5	
ENDC_66A_n41A	LTE B66	ANT2	25	21.5	23	23	20	N41	ANT1	25.5	25.5	25.5	19	19	19	
	LTE B66	ANT2	25	21.5	23	23	20	N41	ANT4	25.5	15.5	25.5	25.5	19	19	
ENDC_41A_n41A	LTE B41	ANT2	25	21.5	24.5	24.5	21	N41	ANT1	25.5	25.5	25.5	19	19	19	
	LTE B41	ANT2	25	21.5	24.5	24.5	21	N41	ANT4	25.5	15.5	25.5	25.5	19	19	
ENDC_2A_n66A	LTE B2	ANT2	25	21	21	21	20	N66	ANT1	25.5	25.5	25.5	21	21	21	
ENDC_5A_n66A	LTE B5	ANT4	25.5	23.5	25.5	25.5	25.5	N66	ANT1	25.5	25.5	25.5	21	21	21	
ENDC_12A_n66A	LTE B12	ANT4	25.5	25.5	25.5	25.5	25.5	N66	ANT1	25.5	25.5	25.5	21	21	21	
ENDC_2A_n78A	LTE B2	ANT2	25	21	21	21	20	N78	ANT3	27	19	27	27	18.5	18.5	
	LTE B2	ANT2	25	21	21	21	20	N78	ANT5	27	18	20	20	20	20	
	LTE B2	ANT2	25	21	21	21	20	N78	ANT6	27	16.5	21	21	21	21	
ENDC_5A_n78A	LTE B5	ANT4	25.5	24.5	25.5	25.5	25.5	N78	ANT2	27.5	19.5	22.5	22.5	21	21	
	LTE B5	ANT4	25.5	24.5	25.5	25.5	25.5	N78	ANT3	27	19	27	27	18.5	18.5	
	LTE B5	ANT4	25.5	24.5	25.5	25.5	25.5	N78	ANT5	27	18	20	20	20	20	
	LTE B5	ANT4	25.5	24.5	25.5	25.5	25.5	N78	ANT6	27	16.5	21	21	21	21	
ENDC_7A_n78A	LTE B7	ANT2	24.5	21.5	24	24	19.5	N78	ANT3	27	19	27	27	18.5	18.5	
	LTE B7	ANT2	24.5	21.5	24	24	19.5	N78	ANT5	27	18	20	20	20	20	
	LTE B7	ANT2	24.5	21.5	24	24	19.5	N78	ANT6	27	16.5	21	21	21	21	
ENDC_26A_n78A	LTE B26	ANT4	25	24	25	25	25	N78	ANT2	27.5	19.5	22.5	22.5	21	21	
	LTE B26	ANT4	25	24	25	25	25	N78	ANT3	27	19	27	27	18.5	18.5	
	LTE B26	ANT4	25	24	25	25	25	N78	ANT5	27	18	20	20	20	20	
	LTE B26	ANT4	25	24	25	25	25	N78	ANT6	27	16.5	21	21	21	21	
ENDC_38A_n78A	LTE B38	ANT2	25	22	24.5	24.5	21	N78	ANT3	27	19	27	27	18.5	18.5	
	LTE B38	ANT2	25	22	24.5	24.5	21	N78	ANT5	27	18	20	20	20	20	
	LTE B38	ANT2	25	22	24.5	24.5	21	N78	ANT6	27	16.5	21	21	21	21	
ENDC_41A_n78A	LTE B41	ANT2	25	21.5	24.5	24.5	21	N78	ANT3	27	19	27	27	18.5	18.5	
	LTE B41	ANT2	25	21.5	24.5	24.5	21	N78	ANT5	27	18	20	20	20	20	
	LTE B41	ANT2	25	21.5	24.5	24.5	21	N78	ANT6	27	16.5	21	21	21	21	
ENDC_66A_n78A	LTE B66	ANT2	25	21.5	23	23	20	N78	ANT3	27	19	27	27	18.5	18.5	

	LTE B66	ANT2	25	21.5	23	23	20	N78	ANT5	27	18	20	20	20
	LTE B66	ANT2	25	21.5	23	23	20	N78	ANT6	27	16.5	21	21	21

Mode	Band	Antenna	LTE-CA Antenna					
			Full Power	Receiver on		Receiver off		
				Head		Body-worn&Hotspot&Specific		
				Standalone&Simultaneous transmission		Standalone&Simultaneous transmission		
Off	DSI1	DSI2	DSI3	DSI4				
CA_7C	LTE Band7	Ant.1	25.5	25.5	25.5	20.5	20.5	
CA_38C	LTE Band38	Ant.1	25.5	25.5	25.5	19.5	19.5	
CA_2A+4A	LTE Band2	Ant.2	25	21	21	21	20	
	LTE Band4	Ant.1	25.5	25.5	25.5	21	21	
CA_4A+7A	LTE Band4	Ant.1	25.5	25.5	25.5	21	21	
	LTE Band7	Ant.2	25	21.5	24	24	19.5	

WLAN Reduced power level table

Reduced level	Receiver state	Transmitting	Antenna	Position
		conditions		
DSI1	On (head scenario)	2.4G/5G WIFI & BT	Ant.7	Head
DSI2	Off (Body scenario)	2.4G/5G WIFI & BT	Ant.7	Front Side;Back Side; Left Edge;Right Edge;Top Edge;Bottom Edge

WLAN Reduced power level table

Mode	WLAN Antenna		
	Full Power	Receiver on	Receiver off
		Head	Body-worn&Hotspot&Specific
		Standalone&Simultaneous transmission	Standalone&Simultaneous transmission
Off	DSI1	DSI2	
2.4G WLAN 802.11b	17.5	17.5	17.5
2.4G WLAN 802.11g	15	15	15
2.4G WLAN 802.11n20	15	15	15
5.2&5.3G WLAN 802.11a	18.5	10.5	18.5
5.2&5.3G WLAN 802.11n20	17.5	10.5	17.5
5.2&5.3G WLAN 802.11n40	16.5	10.5	16.5
5.2&5.3G WLAN 802.11ac20	17.5	10.5	17.5
5.2&5.3G WLAN 802.11ac40	16.5	10.5	16.5
5.2&5.3G WLAN 802.11ac80	15.5	10.5	15.5
5.6G WLAN 802.11a	18.5	11.5	18.5
5.6G WLAN 802.11n20	17.5	11.5	17.5
5.6G WLAN 802.11n40	15	11.5	15
5.6G WLAN 802.11ac20	17.5	11.5	17.5
5.6G WLAN 802.11ac40	16.5	11.5	16.5
5.6G WLAN 802.11ac80	15	11.5	15
5.8G WLAN 802.11a	15.5	11.5	15.5
5.8G WLAN 802.11n20	15	11.5	15
5.8G WLAN 802.11n40	15.5	11.5	15.5
5.8G WLAN 802.11ac20	15.5	11.5	15.5
5.8G WLAN 802.11ac40	15.5	11.5	15.5
5.8G LAN 802.11ac80	15.5	11.5	15.5
Bluetooth	12	12	12

8.8 Bluetooth-Full power

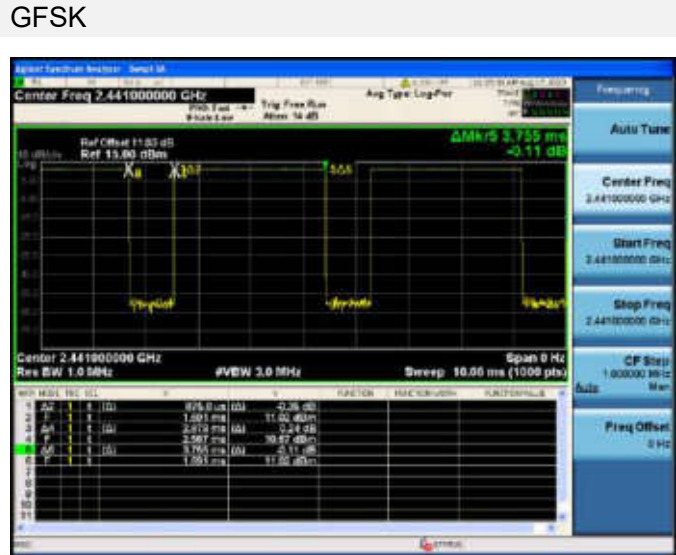
Mode	GFSK			$\pi/4$ -DQPSK		
Channel	0	39	78	0	39	78
Frequency (MHz)	2402	2441	2480	2402	2441	2480
Average Power (dBm)	10.75	10.69	10.99	6.94	6.94	7.27
Tune-Up Limit (dBm)	12.00	12.00	12.00	8.00	8.00	8.00
Mode	8-DPSK			/		
Channel	0	39	78	/	/	/
Frequency (MHz)	2402	2441	2480	/	/	/
Average Power (dBm)	6.70	6.55	6.87	/	/	/
Tune-Up Limit (dBm)	8.00	8.00	8.00	/		
Mode	BLE-1Mbps			BLE-2Mbps		
Channel	0	19	39	1	19	38
Frequency (MHz)	2402	2440	2480	2404	2440	2478
Average Power (dBm)	-3.78	-2.51	-3.28	-3.52	-2.36	-2.92
Tune-Up Limit (dBm)	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00

8.9 Bluetooth-DS1&2

Mode	GFSK			$\pi/4$ -DQPSK		
Channel	0	39	78	0	39	78
Frequency (MHz)	2402	2441	2480	2402	2441	2480
Average Power (dBm)	10.75	10.69	10.99	6.94	6.94	7.27
Tune-Up Limit (dBm)	12.00	12.00	12.00	8.00	8.00	8.00
SAR Test Require	YES	YES	YES	NO	NO	NO
Mode	8-DPSK			/		
Channel	0	39	78	/	/	/
Frequency (MHz)	2402	2441	2480	/	/	/
Average Power (dBm)	6.70	6.55	6.87	/	/	/
Tune-Up Limit (dBm)	8.00	8.00	8.00	/	/	/
SAR Test Require	NO	NO	NO	NO	NO	NO
Mode	BLE-1Mbps			BLE-2Mbps		
Channel	0	19	39	1	19	38
Frequency (MHz)	2402	2440	2480	2404	2440	2478
Average Power (dBm)	-3.78	-2.51	-3.28	-3.52	-2.36	-2.92
Tune-Up Limit (dBm)	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
SAR Test Require	NO	NO	NO	NO	NO	NO

Note: The Bluetooth duty cycle is 76.68 % as following figure, according to 2016 Oct. TCB workshop for Bluetooth SAR scaling need further consideration and the maximum duty cycle is 100%, therefore the actual duty cycle will be scaled up to 100% for Bluetooth reported SAR calculation.

Duty Cycle



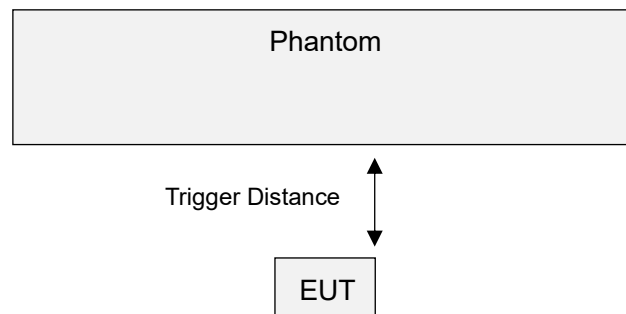
9 PROXIMITY SENSOR TRIGGERING TEST

9.1 Procedures for determining proximity sensor distance

The device uses one proximity sensors to reduce the maximum output power in selected wireless mode and operating configurations to ensure SAR compliance. The sensor implementation can identify and facilitate triggering different max power levels for different scenarios including the device held by hand(Extremity) and different exposure test positions test positions when the device is closed to a user’s body.

Proximity sensor triggering distance testing was performed, EUT moving further away from the phantom and EUT moving toward the phantom were both assessed, and the shortest triggering distances were reported and used for SAR assessment. Note that while sensor is failed and it sets the output power to the lowest one in the sensor trigger state, to make sure the SAR requirements can still be satisfied.

9.1.1 proximity sensor_1

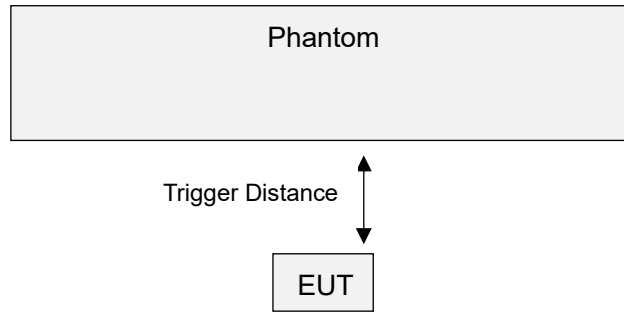


EUT moving toward Phantom

Distance in mm	1~5	6	7	8	9	10	11~15	16	17	18	19
Front Side	On	On	On	On	On	On	Off	Off	Off	Off	Off
Back Side	On	On	On	On	On	On	On	On	Off	Off	Off
Left Edge	On	On	Off	Off	Off	Off	Off	Off	Off	Off	Off
Bottom Edge	On	On	On	On	On	On	On	On	Off	Off	Off

Note: Power reduction is only applicable for ANT1.

9.1.2 proximity sensor_2

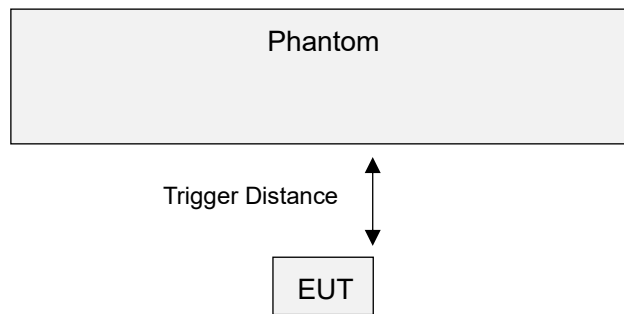


EUT moving toward Phantom

Distance in mm	1~5	6	7	8	9	10	11~15	16	17	18	19
Front Side	On	On	On	On	On	On	Off	Off	Off	Off	Off
Back Side	On	On	On	On	On	On	On	On	Off	Off	Off
Top Edge	On	On	On	On	On	On	On	On	Off	Off	Off

Note: Power reduction is only applicable for ANT4&ANT3.

9.1.3 proximity sensor_3



EUT moving toward Phantom

Distance in mm	1~5	6	7	8	9	10	11~15	16	17	18	19
Front Side	On	On	Off	Off	Off	Off	Off	Off	Off	Off	Off
Back Side	On	On	Off	Off	Off	Off	Off	Off	Off	Off	Off
Left Edge	On	On	Off	Off	Off	Off	Off	Off	Off	Off	Off

Note: Power reduction is only applicable for ANT2.

To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for EUT moving toward the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.

ANT1 of proximity sensor_1

EUT Sides	Additional SAR test Distance in mm
Front Side	9
Back Side	15
Left Edge	5
Bottom Edge	15

ANT4&ANT3 of proximity sensor_2

EUT Sides	Additional SAR test Distance in mm
Front Side	9
Back Side	15
Top Edge	15

ANT2 of proximity sensor_3

EUT Sides	Additional SAR test Distance in mm
Front Side	5
Back Side	5
Left Edge	5

9.2 Procedures for determining EUT tilt angle influences to proximity sensor triggering

The influence of EUT tilt angles to proximity sensor_1 triggering was determined by positioning each EUT edge that contains a transmitting antenna 1, perpendicular to the flat phantom, at 6 mm separation for the left edge and 16 mm separation for the bottom edge.

The influence of EUT tilt angles to proximity sensor_2 triggering was determined by positioning each EUT edge that contains transmitting antenna 4 and antenna 3, perpendicular to the flat phantom, at 16 mm separation for the top edge.

The influence of EUT tilt angles to proximity sensor_3 triggering was determined by positioning each EUT edge that contains a transmitting antenna 2, perpendicular to the flat phantom, at 6 mm separation for the left edge.

Rotating the EUT around the edge next to the phantom in $\leq 10^\circ$ increments until the EUT is $\pm 45^\circ$ from the vertical position at 0° , and the maximum output power remains in the reduced mode.

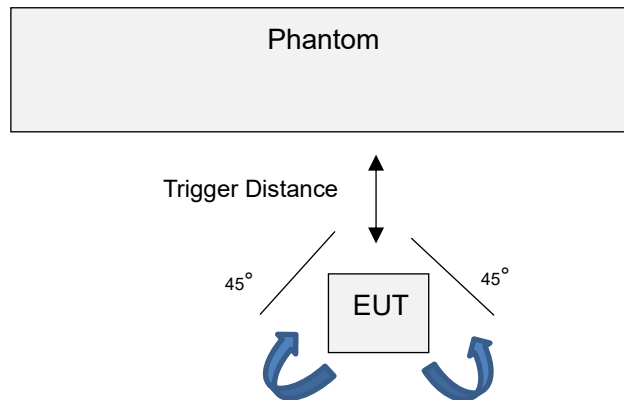


Table: Summary of Phone Tilt Angle Influence to Proximity Sensor Triggering(Left/Right/Top/Bottom edge)

Antenna	Position	Minimum trigger distance at which power reduction was maintained over $\pm 45^\circ$	Power Reduction Status										
			-45°	-35°	-25°	-15°	-5°	0°	5°	15°	25°	35°	45°
ANT1	Left Edge	6mm	on	on	on	on	on	on	on	on	on	on	on
ANT1	Bottom Edge	16mm	on	on	on	on	on	on	on	on	on	on	on
ANT4&ANT3	Top Edge	16mm	on	on	on	on	on	on	on	on	on	on	on
ANT2	Left Edge	6mm	on	on	on	on	on	on	on	on	on	on	on

10 TEST EXCLUSION CONSIDERATION

Please refer the document "BL-SZ2380575-AI.pdf".

Antenna	Front Side(mm)	Back Side(mm)	Left Edge(mm)	Right Edge(mm)	Top Edge(mm)	Bottom Edge(mm)
Ant.1	<25	<25	<25	<25	>25	<25
Ant.2	<25	<25	<25	>25	<25	>25
Ant.3	<25	<25	>25	>25	<25	>25
Ant.4	<25	<25	<25	>25	<25	>25
Ant.5	<25	<25	>25	<25	<25	>25
Ant.6	<25	<25	>25	<25	>25	>25
Ant.7	<25	<25	>25	<25	<25	>25

Note: 1.Per KDB 941225 DO6, When the overall length and width of a device is > 9 cm *5 cm, a test separation distance of 10 mm is required for hotspot mode SAR measurements and hotspot mode SAR is measured for all edges and surfaces of the device with a transmitting antenna located within 25 mm from that surface or edge.

11 TEST RESULT

11.1 GSM 850

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head													
ANT4	DSI1	GPRS	Left Cheek	0	190	836.6	-0.13	0.496	29.82	30.50	1.171	0.581	/
	DSI1		Left Tilt	0	190	836.6	-0.12	0.541	29.82	30.50	1.171	0.633	/
	DSI1	2Slots	Right Cheek	0	190	836.6	-0.02	0.584	29.82	30.50	1.171	0.684	1#
	DSI1		Right Tilt	0	190	836.6	0.19	0.564	29.82	30.50	1.171	0.660	/
ANT1	DSI1	GPRS	Left Cheek	0	190	836.6	-0.14	0.101	30.31	30.50	1.045	0.106	/
	DSI1		Left Tilt	0	190	836.6	0.06	0.074	30.31	30.50	1.045	0.077	/
	DSI1	2Slots	Right Cheek	0	190	836.6	-0.17	0.145	30.31	30.50	1.045	0.151	/
	DSI1		Right Tilt	0	190	836.6	0.18	0.077	30.31	30.50	1.045	0.080	/
Body-worn&Hotspot													
ANT4	DSI4	GPRS	Front Side	10	190	836.6	-0.19	0.119	29.82	30.50	1.171	0.139	/
	DSI4		Back Side	10	190	836.6	-0.04	0.171	29.82	30.50	1.171	0.200	/
	DSI2&3	2Slots	Left Edge	10	190	836.6	0.14	0.084	29.82	30.50	1.171	0.098	/
	DSI4		Top Edge	10	190	836.6	-0.03	0.159	29.82	30.50	1.171	0.186	/
ANT1	DSI3&4	GPRS 2Slots	Front Side	10	190	836.6	0.17	0.201	30.31	30.50	1.045	0.210	/
	DSI3&4		Back Side	10	190	836.6	-0.11	0.301	30.31	30.50	1.045	0.314	2#
	DSI3&4		Left Edge	10	190	836.6	0.02	0.050	30.31	30.50	1.045	0.052	/
	DSI2		Right Edge	10	190	836.6	0.17	0.131	30.31	30.50	1.045	0.137	/
	DSI3&4		Bottom Edge	10	190	836.6	-0.14	0.176	30.31	30.50	1.045	0.184	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT4	DSI2&3	GPRS 2Slots	Front Side	9	190	836.6	-0.07	0.126	29.82	30.50	1.171	0.148	/
	DSI2&3		Back Side	15	190	836.6	-0.08	0.097	29.82	30.50	1.171	0.114	/
	DSI2&3		Top Edge	15	190	836.6	-0.06	0.080	29.82	30.50	1.171	0.094	/
ANT1	DSI2	GPRS 2Slots	Front Side	9	190	836.6	0.18	0.215	30.31	30.50	1.045	0.225	/
	DSI2		Back Side	15	190	836.6	-0.10	0.153	30.31	30.50	1.045	0.160	/
	DSI2		Bottom Edge	15	190	836.6	0.10	0.084	30.31	30.50	1.045	0.088	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT1	DSI2	GPRS 2Slots	Left Edge	5	190	836.6	-0.18	0.048	30.31	30.50	1.045	0.050	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													



11.2 GSM 1900

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head													
ANT4	DSI1	GPRS	Left Cheek	0	512	1850.2	0.19	0.298	22.04	23.00	1.247	0.372	/
	DSI1		Left Tilt	0	512	1850.2	-0.14	0.365	22.04	23.00	1.247	0.455	/
	DSI1	2Slots	Right Cheek	0	512	1850.2	0.19	0.446	22.04	23.00	1.247	0.556	/
	DSI1		Right Tilt	0	512	1850.2	-0.15	0.547	22.04	23.00	1.247	0.682	3#
ANT1	DSI1	GPRS	Left Cheek	0	512	1850.2	0.09	0.064	26.75	27.50	1.189	0.076	/
	DSI1		Left Tilt	0	512	1850.2	-0.19	0.032	26.75	27.50	1.189	0.038	/
	DSI1	2Slots	Right Cheek	0	512	1850.2	-0.15	0.078	26.75	27.50	1.189	0.093	/
	DSI1		Right Tilt	0	512	1850.2	-0.19	0.056	26.75	27.50	1.189	0.067	/
Body-worn&Hotspot													
ANT4	DSI4	GPRS	Front Side	10	512	1850.2	0.19	0.075	21.50	22.50	1.259	0.094	/
	DSI4		Back Side	10	512	1850.2	0.15	0.185	21.50	22.50	1.259	0.232	/
	DSI2&3	2Slots	Left Edge	10	512	1850.2	-0.13	0.080	26.40	27.50	1.288	0.103	/
	DSI4		Top Edge	10	512	1850.2	0.00	0.201	21.50	22.50	1.259	0.253	/
ANT1	DSI3&4	GPRS	Front Side	10	512	1850.2	-0.18	0.114	23.05	23.50	1.110	0.127	/
	DSI3&4		Back Side	10	512	1850.2	0.05	0.227	23.05	23.50	1.110	0.252	/
	DSI3&4	2Slots	Left Edge	10	512	1850.2	0.00	0.056	23.05	23.50	1.110	0.062	/
	DSI2		Right Edge	10	512	1850.2	0.19	0.023	26.75	27.50	1.189	0.027	/
	DSI3&4		Bottom Edge	10	512	1850.2	0.10	0.326	23.05	23.50	1.110	0.362	4#
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT4	DSI2&3	GPRS 2Slots	Front Side	9	512	1850.2	-0.07	0.247	26.40	27.50	1.288	0.318	/
	DSI2&3		Back Side	15	512	1850.2	-0.13	0.246	26.40	27.50	1.288	0.317	/
	DSI2&3		Top Edge	15	512	1850.2	0.16	0.314	26.40	27.50	1.288	0.405	/
ANT1	DSI2	GPRS 2Slots	Front Side	9	512	1850.2	0.19	0.178	26.75	27.50	1.189	0.212	/
	DSI2		Back Side	15	512	1850.2	0.14	0.146	26.75	27.50	1.189	0.174	/
	DSI2		Bottom Edge	15	512	1850.2	-0.16	0.224	26.75	27.50	1.189	0.266	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT1	DSI2	GPRS 2Slots	Left Edge	5	512	1850.2	0.18	0.116	26.75	27.50	1.189	0.138	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

11.3WCDMA Band 2

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head													
ANT4	DSI1	RMC	Left Cheek	0	9538	1907.6	-0.18	0.273	16.94	18.50	1.432	0.391	/
	DSI1		Left Tilt	0	9538	1907.6	0.05	0.374	16.94	18.50	1.432	0.536	/
	DSI1		Right Cheek	0	9538	1907.6	0.01	0.441	16.94	18.50	1.432	0.632	/
	DSI1		Right Tilt	0	9538	1907.6	-0.12	0.644	16.94	18.50	1.432	0.922	5#
	DSI1		Right Tilt	0	9262	1852.4	0.19	0.615	16.91	18.50	1.442	0.887	/
	DSI1		Right Tilt	0	9400	1880.0	0.16	0.598	16.92	18.50	1.439	0.860	/
ANT1	DSI1	RMC	Left Cheek	0	9400	1880.0	0.16	0.235	24.61	25.00	1.094	0.257	/
	DSI1		Left Tilt	0	9400	1880.0	0.15	0.094	24.61	25.00	1.094	0.103	/
	DSI1		Right Cheek	0	9400	1880.0	-0.19	0.135	24.61	25.00	1.094	0.148	/
	DSI1		Right Tilt	0	9400	1880.0	-0.11	0.103	24.61	25.00	1.094	0.113	/
Body-worn&Hotspot													
ANT4	DSI4	RMC	Front Side	10	9400	1880.0	-0.11	0.126	17.49	19.00	1.416	0.178	/
	DSI4		Back Side	10	9400	1880.0	0.16	0.342	17.49	19.00	1.416	0.484	/
	DSI2&3		Left Edge	10	9400	1880.0	0.16	0.163	22.97	24.50	1.422	0.232	/
	DSI4		Top Edge	10	9400	1880.0	0.14	0.369	17.49	19.00	1.416	0.523	/
ANT1	DSI3&4	RMC	Front Side	10	9400	1880.0	0.01	0.178	20.12	21.00	1.225	0.217	/
	DSI3&4		Back Side	10	9400	1880.0	-0.17	0.344	20.12	21.00	1.225	0.422	/
	DSI3&4		Left Edge	10	9400	1880.0	0.14	0.114	20.12	21.00	1.225	0.139	/
	DSI2		Right Edge	10	9400	1880.0	-0.14	0.025	24.61	25.00	1.094	0.027	/
	DSI3&4		Bottom Edge	10	9400	1880.0	0.18	0.472	20.12	21.00	1.225	0.578	6#
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific													
ANT4	DSI4	RMC	Back Side	0	9400	1880.0	0.00	0.589	17.49	19.00	1.416	0.834	/
	DSI4		Top Edge	0	9400	1880.0	0.06	0.930	17.49	19.00	1.416	1.317	7#
ANT1	DSI3&4	RMC	Bottom Edge	0	9400	1880.0	0.08	0.471	20.12	21.00	1.225	0.577	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT4	DSI2&3	RMC	Front Side	9	9400	1880.0	0.18	0.470	22.94	24.50	1.432	0.673	/
	DSI2&3		Back Side	15	9400	1880.0	0.02	0.428	22.94	24.50	1.432	0.613	/
	DSI2&3		Top Edge	15	9400	1880.0	0.12	0.634	22.94	24.50	1.432	0.908	/
	DSI2&3		Top Edge	15	9262	1852.4	0.01	0.618	22.94	24.50	1.432	0.885	/
	DSI2&3		Top Edge	15	9538	1907.6	-0.10	0.604	22.86	24.50	1.459	0.881	/
ANT1	DSI2	RMC	Front Side	9	9400	1880.0	0.02	0.435	24.61	25.00	1.094	0.476	/
	DSI2		Back Side	15	9400	1880.0	0.05	0.374	24.61	25.00	1.094	0.409	/
	DSI2		Bottom Edge	15	9400	1880.0	-0.05	0.513	24.61	25.00	1.094	0.561	/

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT1	DSI2	RMC	Left Edge	5	9400	1880.0	-0.02	0.332	24.61	25.00	1.094	0.363	/

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



11.4WCDMA Band 4

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head													
ANT4	DSI1	RMC	Left Cheek	0	1513	1752.6	0.16	0.320	17.78	19.00	1.324	0.424	/
	DSI1		Left Tilt	0	1513	1752.6	-0.12	0.407	17.78	19.00	1.324	0.540	/
	DSI1		Right Cheek	0	1513	1752.6	0.03	0.510	17.78	19.00	1.324	0.676	/
	DSI1		Right Tilt	0	1513	1752.6	-0.02	0.625	17.78	19.00	1.324	0.828	/
	DSI1		Right Tilt	0	1412	1732.4	0.05	0.636	17.71	19.00	1.346	0.856	/
	DSI1		Right Tilt	0	1312	1712.4	-0.04	0.682	17.77	19.00	1.327	0.905	8#
ANT1	DSI1	RMC	Left Cheek	0	1513	1752.6	0.13	0.271	25.11	25.50	1.094	0.296	/
	DSI1		Left Tilt	0	1513	1752.6	-0.16	0.124	25.11	25.50	1.094	0.136	/
	DSI1		Right Cheek	0	1513	1752.6	0.07	0.151	25.11	25.50	1.094	0.165	/
	DSI1		Right Tilt	0	1513	1752.6	0.07	0.115	25.11	25.50	1.094	0.126	/
Body-worn&Hotspot													
ANT4	DSI4	RMC	Front Side	10	1513	1752.6	0.07	0.137	18.11	19.50	1.377	0.189	/
	DSI4		Back Side	10	1513	1752.6	0.08	0.314	18.11	19.50	1.377	0.432	/
	DSI2&3		Left Edge	10	1513	1752.6	0.04	0.146	22.72	24.00	1.343	0.196	/
	DSI4		Top Edge	10	1513	1752.6	0.19	0.382	18.11	19.50	1.377	0.526	/
ANT1	DSI3&4	RMC	Front Side	10	1513	1752.6	0.12	0.205	20.67	21.50	1.211	0.248	/
	DSI3&4		Back Side	10	1513	1752.6	0.00	0.382	20.67	21.50	1.211	0.462	/
	DSI3&4		Left Edge	10	1513	1752.6	-0.03	0.155	20.67	21.50	1.211	0.187	/
	DSI2		Right Edge	10	1513	1752.6	0.01	0.031	25.11	25.50	1.094	0.034	/
	DSI3&4		Bottom Edge	10	1513	1752.6	0.14	0.683	20.67	21.50	1.211	0.827	/
	DSI3&4		Bottom Edge	10	1412	1732.4	-0.01	0.712	20.55	21.50	1.245	0.886	/
	DSI3&4		Bottom Edge	10	1312	1712.4	-0.06	0.793	20.56	21.50	1.242	0.985	9#
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific													
ANT4	DSI4	RMC	Back Side	0	1513	1752.6	-0.09	0.525	18.11	19.50	1.377	0.723	/
	DSI4		Top Edge	0	1513	1752.6	-0.01	1.060	18.11	19.50	1.377	1.460	10#
ANT1	DSI3&4	RMC	Bottom Edge	0	1312	1712.4	0.02	0.420	20.56	21.50	1.242	0.521	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT4	DSI2&3	RMC	Front Side	9	1513	1752.6	0.07	0.435	22.65	24.00	1.365	0.594	/
	DSI2&3		Back Side	15	1513	1752.6	0.04	0.400	22.65	24.00	1.365	0.546	/
	DSI2&3		Top Edge	15	1513	1752.6	0.17	0.507	22.65	24.00	1.365	0.692	/
ANT1	DSI2	RMC	Front Side	9	1513	1752.6	0.02	0.566	25.11	25.50	1.094	0.619	/
	DSI2		Back Side	15	1513	1752.6	0.11	0.402	25.11	25.50	1.094	0.440	/
	DSI2		Bottom Edge	15	1513	1752.6	-0.10	0.570	25.11	25.50	1.094	0.624	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT1	DSI2	RMC	Left Edge	5	1513	1752.6	0.07	0.375	25.11	25.50	1.094	0.410	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

11.5WCDMA Band 5

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head													
ANT4	DSI1	RMC	Left Cheek	0	4182	836.4	0.19	0.511	24.62	25.50	1.225	0.626	/
	DSI1		Left Tilt	0	4182	836.4	-0.07	0.449	24.62	25.50	1.225	0.550	/
	DSI1		Right Cheek	0	4182	836.4	-0.03	0.652	24.62	25.50	1.225	0.798	11#
	DSI1		Right Tilt	0	4182	836.4	0.10	0.496	24.62	25.50	1.225	0.607	/
ANT1	DSI1	RMC	Left Cheek	0	4182	836.4	-0.09	0.127	24.74	25.50	1.191	0.151	/
	DSI1		Left Tilt	0	4182	836.4	-0.08	0.094	24.74	25.50	1.191	0.112	/
	DSI1		Right Cheek	0	4182	836.4	0.13	0.186	24.74	25.50	1.191	0.222	/
	DSI1		Right Tilt	0	4182	836.4	0.19	0.091	24.74	25.50	1.191	0.108	/
Body-worn&Hotspot													
ANT4	DSI4	RMC	Front Side	10	4182	836.4	0.07	0.142	24.62	25.50	1.225	0.174	/
	DSI4		Back Side	10	4182	836.4	-0.08	0.218	24.62	25.50	1.225	0.267	/
	DSI2&3		Left Edge	10	4182	836.4	0.04	0.088	24.62	25.50	1.225	0.108	/
	DSI4		Top Edge	10	4182	836.4	-0.10	0.236	24.62	25.50	1.225	0.289	/
ANT1	DSI3&4	RMC	Front Side	10	4182	836.4	-0.06	0.259	24.74	25.50	1.191	0.309	/
	DSI3&4		Back Side	10	4182	836.4	-0.16	0.356	24.74	25.50	1.191	0.424	12#
	DSI3&4		Left Edge	10	4182	836.4	0.15	0.055	24.74	25.50	1.191	0.066	/
	DSI2		Right Edge	10	4182	836.4	0.11	0.156	24.74	25.50	1.191	0.186	/
	DSI3&4		Bottom Edge	10	4182	836.4	-0.13	0.216	24.74	25.50	1.191	0.257	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT4	DSI2&3	RMC	Front Side	9	4182	836.4	0.08	0.149	24.62	25.50	1.225	0.182	/
	DSI2&3		Back Side	15	4182	836.4	0.19	0.115	24.62	25.50	1.225	0.141	/
	DSI2&3		Top Edge	15	4182	836.4	-0.18	0.094	24.62	25.50	1.225	0.115	/
ANT1	DSI2	RMC	Front Side	9	4182	836.4	-0.14	0.277	24.74	25.50	1.191	0.330	/
	DSI2		Back Side	15	4182	836.4	-0.17	0.195	24.74	25.50	1.191	0.232	/
	DSI2		Bottom Edge	15	4182	836.4	-0.07	0.106	24.74	25.50	1.191	0.126	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1													
ANT1	DSI2	RMC	Left Edge	5	4182	836.4	0.08	0.064	24.74	25.50	1.191	0.076	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

11.6LTE Band 2 (20MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.		
Head																	
ANT4	DSI1	QPSK	Left Cheek	0	18900	1880	1	LOW	0.04	0.285	17.79	19.00	1.321	0.376	/		
	DSI1			0	18900	1880	50	LOW	-0.13	0.234	17.81	19.00	1.315	0.308	/		
	DSI1		Left Tilt	0	18900	1880	1	LOW	-0.05	0.395	17.79	19.00	1.321	0.521	/		
	DSI1			0	18900	1880	50	LOW	0.09	0.321	17.81	19.00	1.315	0.423	/		
	DSI1		Right Cheek	0	18900	1880	1	LOW	-0.05	0.459	17.79	19.00	1.321	0.607	/		
	DSI1			0	18900	1880	50	LOW	0.05	0.380	17.81	19.00	1.315	0.500	/		
	DSI1		Right Tilt	0	18900	1880	1	LOW	-0.04	0.674	17.79	19.00	1.321	0.890	/		
	DSI1			0	18900	1880	50	LOW	-0.19	0.656	17.81	19.00	1.315	0.863	/		
	DSI1		Right Tilt	0	18700	1860	1	HIGH	0.05	0.662	17.78	19.00	1.324	0.877	/		
	DSI1			0	19100	1900	1	LOW	-0.10	0.708	17.76	19.00	1.330	0.942	13#		
	DSI1			0	18700	1860	50	MID	-0.06	0.638	17.67	19.00	1.358	0.867	/		
	DSI1			0	19100	1900	50	MID	-0.02	0.612	17.72	19.00	1.343	0.822	/		
	DSI1					0	18900	1880	100	LOW	-0.15	0.565	17.71	19.00	1.346	0.760	/
	ANT1		DSI1	QPSK	Left Cheek	0	18900	1880	1	MID	-0.13	0.168	24.29	25.00	1.178	0.198	/
DSI1		0	18900			1880	50	LOW	0.06	0.145	23.35	24.00	1.161	0.168	/		
DSI1		Left Tilt	0		18900	1880	1	MID	0.07	0.082	24.29	25.00	1.178	0.097	/		
DSI1			0		18900	1880	50	LOW	-0.08	0.070	23.35	24.00	1.161	0.081	/		
DSI1		Right Cheek	0		18900	1880	1	MID	0.11	0.106	24.29	25.00	1.178	0.125	/		
DSI1			0		18900	1880	50	LOW	-0.11	0.090	23.35	24.00	1.161	0.105	/		
DSI1		Right Tilt	0		18900	1880	1	MID	0.12	0.074	24.29	25.00	1.178	0.087	/		
DSI1			0		18900	1880	50	LOW	0.09	0.062	23.35	24.00	1.161	0.072	/		
ANT2 (ENDC/2A-4A)	DSI1	QPSK	Left Cheek	0	18900	1880	1	LOW	-0.06	0.184	19.68	21.00	1.355	0.249	/		
	DSI1			0	18900	1880	50	HIGH	-0.15	0.162	19.69	21.00	1.352	0.219	/		
	DSI1		Left Tilt	0	18900	1880	1	LOW	0.12	0.023	19.68	21.00	1.355	0.031	/		
	DSI1			0	18900	1880	50	HIGH	-0.07	0.021	19.69	21.00	1.352	0.028	/		
	DSI1		Right Cheek	0	18900	1880	1	LOW	0.10	0.424	19.68	21.00	1.355	0.575	/		
	DSI1			0	18900	1880	50	HIGH	0.18	0.433	19.69	21.00	1.352	0.585	/		
	DSI1		Right Tilt	0	18900	1880	1	LOW	-0.17	0.071	19.68	21.00	1.355	0.096	/		
	DSI1			0	18900	1880	50	HIGH	0.16	0.077	19.69	21.00	1.352	0.104	/		
	DSI1		Right Cheek	0	18700	1860	1	LOW	-0.06	0.184	19.68	21.00	1.355	0.249	/		
	DSI1			0	19100	1900	1	HIGH	-0.15	0.162	19.69	21.00	1.352	0.219	/		
	DSI1			0	18700	1860	50	LOW	0.12	0.023	19.68	21.00	1.355	0.031	/		
	DSI1			0	19100	1900	50	HIGH	-0.07	0.021	19.69	21.00	1.352	0.028	/		
	DSI1					0	18900	1880	100	LOW	0.10	0.424	19.68	21.00	1.355	0.575	/
	Body-worn&Hotspot																
ANT4	DSI4	QPSK	Front Side	10	18900	1880	1	MID	-0.14	0.111	17.19	18.50	1.352	0.150	/		

	DSI4		Back Side	10	18900	1880	50	LOW	0.09	0.092	17.31	18.50	1.315	0.121	/
	DSI4			10	18900	1880	1	MID	-0.16	0.284	17.19	18.50	1.352	0.384	/
	DSI4		Left Edge	10	18900	1880	50	LOW	0.06	0.181	17.31	18.50	1.315	0.238	/
	DSI2&3			10	18900	1880	1	MID	0.19	0.134	22.66	24.00	1.361	0.182	/
	DSI2&3		Top Edge	10	18900	1880	50	LOW	-0.07	0.111	22.27	23.50	1.327	0.148	/
	DSI4			10	18900	1880	1	MID	0.09	0.322	17.19	18.50	1.352	0.435	/
	DSI4		10	18900	1880	50	LOW	-0.02	0.266	17.31	18.50	1.315	0.350	/	
ANT1	DSI3&4	QPSK	Front Side	10	18900	1880	1	MID	-0.16	0.136	19.74	21.00	1.337	0.182	/
	DSI3&4			10	18900	1880	50	LOW	-0.18	0.112	19.78	21.00	1.324	0.148	/
	DSI3&4		Back Side	10	18900	1880	1	MID	0.06	0.268	19.74	21.00	1.337	0.358	/
	DSI3&4			10	18900	1880	50	LOW	-0.06	0.230	19.78	21.00	1.324	0.305	/
	DSI3&4		Left Edge	10	18900	1880	1	MID	0.02	0.082	19.74	21.00	1.337	0.110	/
	DSI3&4			10	18900	1880	50	LOW	-0.05	0.076	19.78	21.00	1.324	0.101	/
	DSI2		Right Edge	10	18900	1880	1	MID	0.09	0.056	24.29	25.00	1.178	0.066	/
	DSI2			10	18900	1880	50	LOW	0.06	0.042	23.35	24.00	1.161	0.049	/
	DSI3&4		Bottom Edge	10	18900	1880	1	MID	0.07	0.359	19.74	21.00	1.337	0.480	/
	DSI3&4			10	18900	1880	50	LOW	0.01	0.296	19.78	21.00	1.324	0.392	/
ANT2 (ENDC/2A-4A)	DSI2&3	QPSK	Front Side	10	18900	1880	1	LOW	-0.15	0.123	19.68	21.00	1.355	0.167	/
	DSI2&3			10	18900	1880	50	HIGH	-0.05	0.102	19.69	21.00	1.352	0.138	/
	DSI2&3		Back Side	10	18900	1880	1	LOW	0.09	0.172	19.68	21.00	1.355	0.233	/
	DSI2&3			10	18900	1880	50	HIGH	-0.07	0.142	19.69	21.00	1.352	0.192	/
	DSI2&3		Left Edge	10	18900	1880	1	LOW	0.03	0.505	19.68	21.00	1.355	0.684	14#
	DSI2&3			10	18900	1880	50	HIGH	-0.15	0.398	19.69	21.00	1.352	0.538	/
	DSI2&3		Top Edge	10	18900	1880	1	LOW	-0.17	0.021	19.68	21.00	1.355	0.029	/
	DSI2&3			10	18900	1880	50	HIGH	-0.16	0.027	19.69	21.00	1.352	0.037	/

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



Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Specific															
ANT4	DSI4	QPSK	Back Side	0	18900	1880	1	MID	-0.16	0.465	17.19	18.50	1.352	0.629	/
	DSI4			0	18900	1880	50	LOW	0.06	0.458	17.31	18.50	1.315	0.602	/
	DSI4		Top Edge	0	18900	1880	1	MID	-0.06	0.857	17.19	18.50	1.352	1.159	/
	DSI4			0	18900	1880	50	LOW	-0.02	0.847	17.31	18.50	1.315	1.114	/
ANT1	DSI3&4	QPSK	Bottom Edge	0	19100	1900	1	MID	0.04	0.443	19.63	21.00	1.371	0.607	/
	DSI3&4			0	18900	1880	50	LOW	0.01	0.429	19.78	21.00	1.324	0.568	/
ANT2 (ENDC/2A-4A)	DSI4	QPSK	Left Edge	0	18900	1880	1	LOW	-0.06	1.610	19.68	20.00	1.076	1.733	/
	DSI4			0	18900	1880	50	HIGH	-0.12	1.770	19.69	20.00	1.074	1.901	15#
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front Side	9	18900	1880	1	MID	-0.06	0.320	22.66	24.00	1.361	0.436	/
	DSI2&3			9	19100	1900	50	MID	0.19	0.273	22.26	23.50	1.330	0.363	/
	DSI2&3		Back Side	15	18900	1880	1	MID	0.17	0.264	22.66	24.00	1.361	0.359	/
	DSI2&3			15	19100	1900	50	MID	-0.15	0.226	22.26	23.50	1.330	0.301	/
	DSI2&3		Top Edge	15	18900	1880	1	MID	0.19	0.306	22.66	24.00	1.361	0.417	/
	DSI2&3			15	19100	1900	50	MID	-0.02	0.258	22.26	23.50	1.330	0.343	/
ANT1	DSI2	QPSK	Front Side	9	18900	1880	1	MID	-0.18	0.405	24.29	25.00	1.178	0.477	/
	DSI2			9	18900	1880	50	LOW	0.00	0.309	23.35	24.00	1.161	0.359	/
	DSI2		Back Side	15	18900	1880	1	MID	0.18	0.356	24.29	25.00	1.178	0.419	/
	DSI2			15	18900	1880	50	LOW	-0.03	0.275	23.35	24.00	1.161	0.319	/
	DSI2		Bottom Edge	15	18900	1880	1	MID	0.18	0.563	24.29	25.00	1.178	0.663	/
	DSI2			15	18900	1880	50	LOW	-0.05	0.289	23.35	24.00	1.161	0.336	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left Edge	5	18900	1880	1	MID	-0.01	0.302	24.29	25.00	1.178	0.356	/
	DSI2			5	18900	1880	50	LOW	-0.19	0.201	23.35	24.00	1.161	0.233	/
ANT2	DSI2&3	QPSK	Front Side	5	18900	1880	1	LOW	0.02	0.154	19.68	21.00	1.355	0.209	/
	DSI2&3			5	18900	1880	50	LOW	0.03	0.145	19.69	21.00	1.352	0.196	/
	DSI2&3		Back Side	5	18900	1880	1	LOW	-0.09	0.404	19.68	21.00	1.355	0.547	/
	DSI2&3			5	18900	1880	50	LOW	-0.12	0.387	19.69	21.00	1.352	0.523	/
	DSI2&3		Left Edge	5	18900	1880	1	LOW	0.03	0.487	19.68	21.00	1.355	0.660	/
	DSI2&3			5	18900	1880	50	LOW	-0.03	0.465	19.69	21.00	1.352	0.629	/

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

11.7LTE Band 4 (20MHz Bandwidth)

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.		
Head																	
ANT4	DSI1	QPSK	Left Cheek	0	20300	1745	1	LOW	-0.16	0.324	17.77	19.00	1.327	0.430	/		
	DSI1			0	20300	1745	50	LOW	0.17	0.264	17.85	19.00	1.303	0.344	/		
	DSI1		Left Tilt	0	20300	1745	1	LOW	0.10	0.419	17.77	19.00	1.327	0.557	/		
	DSI1			0	20300	1745	50	LOW	-0.10	0.339	17.85	19.00	1.303	0.442	/		
	DSI1		Right Cheek	0	20300	1745	1	LOW	0.14	0.522	17.77	19.00	1.327	0.694	/		
	DSI1			0	20300	1745	50	LOW	0.03	0.427	17.85	19.00	1.303	0.556	/		
	DSI1		Right Tilt	0	20300	1745	1	LOW	-0.15	0.613	17.77	19.00	1.327	0.814	/		
	DSI1			0	20300	1745	50	LOW	0.19	0.615	17.85	19.00	1.303	0.801	/		
	DSI1		Right Tilt	0	20050	1720	1	MID	-0.10	0.692	17.76	19.00	1.330	0.921	16#		
	DSI1			0	20175	1732.5	1	MID	-0.02	0.633	17.72	19.00	1.343	0.850	/		
	DSI1			0	20050	1720	50	MID	-0.18	0.605	17.84	19.00	1.306	0.790	/		
	DSI1			0	20175	1732.5	50	LOW	0.03	0.593	17.79	19.00	1.321	0.784	/		
	DSI1					0	20300	1745	100	LOW	0.15	0.536	17.78	19.00	1.324	0.710	/
	ANT1		DSI1	QPSK	Left Cheek	0	20300	1745	1	HIGH	0.03	0.231	24.71	25.50	1.199	0.277	/
DSI1		0	20300			1745	50	HIGH	0.17	0.187	23.79	24.50	1.178	0.220	/		
DSI1		Left Tilt	0		20300	1745	1	HIGH	-0.08	0.104	24.71	25.50	1.199	0.125	/		
DSI1			0		20300	1745	50	HIGH	-0.11	0.085	23.79	24.50	1.178	0.100	/		
DSI1		Right Cheek	0		20300	1745	1	HIGH	-0.03	0.142	24.71	25.50	1.199	0.170	/		
DSI1			0		20300	1745	50	HIGH	-0.03	0.144	23.79	24.50	1.178	0.170	/		
DSI1		Right Tilt	0		20300	1745	1	HIGH	-0.12	0.095	24.71	25.50	1.199	0.114	/		
DSI1			0		20300	1745	50	HIGH	0.14	0.075	23.79	24.50	1.178	0.088	/		
Body-worn&Hotspot																	
ANT4	DSI4	QPSK	Front Side	10	20300	1745	1	HIGH	-0.08	0.091	16.38	17.50	1.294	0.117	/		
	DSI4			10	20300	1745	50	MID	-0.07	0.069	16.39	17.50	1.291	0.090	/		
	DSI4		Back Side	10	20300	1745	1	HIGH	-0.11	0.221	16.38	17.50	1.294	0.285	/		
	DSI4			10	20300	1745	50	MID	0.11	0.178	16.39	17.50	1.291	0.230	/		
	DSI2&3		Left Edge	10	20300	1745	1	HIGH	0.15	0.168	22.74	24.00	1.337	0.224	/		
	DSI2&3			10	20300	1745	50	MID	0.07	0.116	22.82	24.00	1.312	0.152	/		
	DSI4		Top Edge	10	20300	1745	1	HIGH	-0.14	0.251	16.38	17.50	1.294	0.325	/		
	DSI4			10	20300	1745	50	MID	0.16	0.192	16.39	17.50	1.291	0.248	/		
ANT1	DSI3&4	QPSK	Front Side	10	20300	1745	1	LOW	-0.18	0.233	20.35	21.50	1.303	0.304	/		
	DSI3&4			10	20300	1745	50	MID	-0.11	0.181	20.23	21.50	1.340	0.242	/		
	DSI3&4		Back Side	10	20300	1745	1	LOW	0.13	0.402	20.35	21.50	1.303	0.524	/		
	DSI3&4			10	20300	1745	50	MID	0.16	0.335	20.23	21.50	1.340	0.449	/		
	DSI3&4		Left Edge	10	20300	1745	1	LOW	-0.13	0.159	20.35	21.50	1.303	0.208	/		
	DSI3&4			10	20300	1745	50	MID	0.06	0.113	20.23	21.50	1.340	0.152	/		

	DSI2	Right Edge	10	20300	1745	1	LOW	0.05	0.034	24.68	25.50	1.208	0.041	/
	DSI2		10	20300	1745	50	MID	-0.06	0.031	23.77	24.50	1.183	0.037	/
	DSI3&4	Bottom Edge	10	20300	1745	1	LOW	-0.03	0.635	20.35	21.50	1.303	0.828	/
	DSI3&4		10	20300	1745	50	MID	-0.13	0.628	20.23	21.50	1.340	0.841	/
	DSI3&4	Bottom Edge	10	20050	1720	1	MID	0.16	0.664	20.27	21.50	1.327	0.881	17#
	DSI3&4		10	20175	1732.5	1	MID	0.03	0.646	20.20	21.50	1.349	0.871	/
	DSI3&4		10	20050	1720	50	MID	-0.07	0.596	20.22	21.50	1.343	0.800	/
	DSI3&4		10	20175	1732.5	50	LOW	0.07	0.612	20.19	21.50	1.352	0.827	/
	DSI3&4		10	20300	1745	100	LOW	-0.08	0.603	20.21	21.50	1.346	0.812	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Specific															
ANT4	DSI4	QPSK	Back	0	20300	1745	1	HIGH	-0.11	0.311	16.38	17.50	1.294	0.402	/
	DSI4		Side	0	20300	1745	50	MID	0.11	0.325	16.39	17.50	1.291	0.420	/
	DSI4		Top	0	20300	1745	1	HIGH	-0.15	0.686	16.38	17.50	1.294	0.888	18#
	DSI4		Edge	0	20300	1745	50	MID	0.16	0.675	16.39	17.50	1.291	0.872	/
ANT1	DSI3&4	QPSK	Back	0	20300	1745	1	LOW	0.13	0.586	20.35	21.50	1.303	0.764	/
	DSI3&4		Side	0	20300	1745	50	MID	0.16	0.595	20.23	21.50	1.340	0.797	/
	DSI3&4		Bottom	0	20300	1745	1	LOW	-0.03	0.356	20.35	21.50	1.303	0.464	/
	DSI3&4		Edge	0	20300	1745	50	MID	-0.13	0.341	20.23	21.50	1.340	0.457	/
	DSI3&4		Bottom Edge	0	20050	1720	1	MID	0.05	0.440	20.27	21.50	1.327	0.584	/
	DSI3&4			0	20175	1732.5	1	MID	0.03	0.405	20.20	21.50	1.349	0.546	/
	DSI3&4			0	20050	1720	50	MID	-0.07	0.426	20.22	21.50	1.343	0.572	/
	DSI3&4			0	20175	1732.5	50	LOW	0.07	0.389	20.19	21.50	1.352	0.526	/
	DSI3&4			0	20300	1745	100	LOW	-0.08	0.374	20.21	21.50	1.346	0.503	/

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front Side	9	20300	1745	1	MID	0.13	0.420	22.74	24.00	1.337	0.561	/
	DSI2&3			9	20300	1745	50	MID	0.02	0.400	22.82	24.00	1.312	0.525	/
	DSI2&3		Back Side	15	20300	1745	1	MID	-0.06	0.093	22.74	24.00	1.337	0.124	/
	DSI2&3			15	20300	1745	50	MID	0.13	0.085	22.82	24.00	1.312	0.112	/
	DSI2&3		Top Edge	15	20300	1745	1	MID	-0.17	0.114	22.74	24.00	1.337	0.152	/
	DSI2&3			15	20300	1745	50	MID	0.10	0.105	22.82	24.00	1.312	0.138	/
ANT1	DSI2	QPSK	Front Side	9	20300	1745	1	HIGH	0.00	0.585	24.71	25.50	1.199	0.702	/
	DSI2			9	20300	1745	50	HIGH	-0.05	0.478	23.79	24.50	1.178	0.563	/
	DSI2		Back Side	15	20300	1745	1	HIGH	-0.17	0.395	24.71	25.50	1.199	0.474	/
	DSI2			15	20300	1745	50	HIGH	0.19	0.384	23.79	24.50	1.178	0.452	/
	DSI2		Bottom Edge	15	20300	1745	1	HIGH	0.08	0.538	24.71	25.50	1.199	0.645	/
	DSI2			15	20300	1745	50	HIGH	-0.11	0.515	23.79	24.50	1.178	0.606	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left Edge	5	20300	1745	1	HIGH	0.19	0.300	24.71	25.50	1.199	0.360	/
	DSI2			5	20300	1745	50	HIGH	-0.11	0.285	23.79	24.50	1.178	0.336	/

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

11.8LTE Band 5 (10MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left	0	20600	844	1	MID	0.02	0.470	24.32	25.50	1.312	0.617	/
	DSI1			Cheek	0	20600	844	25	LOW	0.00	0.377	23.36	24.50	1.300	0.490
	DSI1		Left Tilt	0	20600	844	1	MID	-0.12	0.413	24.32	25.50	1.312	0.542	/
	DSI1			0	20600	844	25	LOW	-0.05	0.330	23.36	24.50	1.300	0.429	/
	DSI1		Right	0	20600	844	1	MID	-0.06	0.629	24.32	25.50	1.312	0.825	19#
	DSI1			Cheek	0	20600	844	25	LOW	0.11	0.477	23.36	24.50	1.300	0.620
	DSI1		Right Tilt	0	20600	844	1	MID	0.12	0.478	24.32	25.50	1.312	0.627	/
	DSI1			0	20600	844	25	LOW	-0.19	0.386	23.36	24.50	1.300	0.502	/
	DSI1		Right Cheek	0	20450	829	1	HIGH	0.17	0.518	24.30	25.50	1.318	0.683	/
	DSI1			0	20525	836.5	1	MID	-0.10	0.554	24.26	25.50	1.330	0.737	/
	DSI1		0	20600	844	50	LOW	-0.14	0.481	23.33	24.50	1.309	0.630	/	
	ANT1		DSI1	QPSK	Left	0	20600	844	1	MID	-0.08	0.115	24.46	25.50	1.271
DSI1		Cheek	0			20600	844	25	LOW	0.00	0.092	23.51	24.50	1.256	0.116
DSI1		Left Tilt	0		20600	844	1	MID	0.15	0.075	24.46	25.50	1.271	0.095	/
DSI1			0		20600	844	25	LOW	-0.05	0.061	23.51	24.50	1.256	0.077	/
DSI1		Right	0		20600	844	1	MID	0.10	0.165	24.46	25.50	1.271	0.210	/
DSI1			Cheek		0	20600	844	25	LOW	0.13	0.130	23.51	24.50	1.256	0.163
DSI1		Right Tilt	0		20600	844	1	MID	0.13	0.077	24.46	25.50	1.271	0.098	/
DSI1			0		20600	844	25	LOW	0.02	0.069	23.51	24.50	1.256	0.087	/
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front	10	20600	844	1	MID	-0.05	0.144	24.32	25.50	1.312	0.189	/
	DSI4			Side	10	20600	844	25	LOW	0.19	0.113	23.36	24.50	1.300	0.147
	DSI4		Back	10	20600	844	1	MID	-0.12	0.214	24.32	25.50	1.312	0.281	/
	DSI4			Side	10	20600	844	25	LOW	-0.05	0.172	23.36	24.50	1.300	0.224
	DSI2&3		Left	10	20600	844	1	MID	0.04	0.088	24.32	25.50	1.312	0.115	/
	DSI2&3			Edge	10	20600	844	25	LOW	0.14	0.067	23.36	24.50	1.300	0.087
	DSI4		Top	10	20600	844	1	MID	-0.18	0.222	24.32	25.50	1.312	0.291	/
	DSI4			Edge	10	20600	844	25	LOW	-0.05	0.175	23.36	24.50	1.300	0.228
ANT1	DSI3&4	QPSK	Front	10	20600	844	1	MID	-0.02	0.241	24.46	25.50	1.271	0.306	/
	DSI3&4			Side	10	20600	844	25	LOW	0.16	0.185	23.51	24.50	1.256	0.232
	DSI3&4		Back	10	20600	844	1	MID	-0.16	0.348	24.46	25.50	1.271	0.442	20#
	DSI3&4			Side	10	20600	844	25	LOW	-0.10	0.248	23.51	24.50	1.256	0.311
	DSI3&4		Left	10	20600	844	1	MID	-0.13	0.062	24.46	25.50	1.271	0.079	/
	DSI3&4			Edge	10	20600	844	25	LOW	-0.17	0.037	23.51	24.50	1.256	0.046
	DSI2		Right	10	20600	844	1	MID	0.05	0.152	24.46	25.50	1.271	0.193	/
	DSI2			Edge	10	20600	844	25	LOW	0.10	0.117	23.51	24.50	1.256	0.147

	DSI3&4		Bottom	10	20600	844	1	MID	-0.07	0.210	24.46	25.50	1.271	0.267	/
	DSI3&4		Edge	10	20600	844	25	LOW	0.04	0.160	23.51	24.50	1.256	0.201	/

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
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Sensor-1

ANT4	DSI2&3	QPSK	Front	9	20600	844	1	MID	0.18	0.153	24.32	25.50	1.312	0.201	/
	DSI2&3		Side	9	20600	844	25	LOW	-0.10	0.116	23.36	24.50	1.300	0.151	/
	DSI2&3		Back	15	20600	844	1	MID	0.07	0.099	24.32	25.50	1.312	0.130	/
	DSI2&3		Side	15	20600	844	25	LOW	0.11	0.088	23.36	24.50	1.300	0.114	/
	DSI2&3		Top	15	20600	844	1	MID	0.01	0.089	24.32	25.50	1.312	0.117	/
	DSI2&3		Edge	15	20600	844	25	LOW	-0.13	0.069	23.36	24.50	1.300	0.090	/
ANT1	DSI2	QPSK	Front	9	20600	844	1	MID	0.17	0.282	24.46	25.50	1.271	0.358	/
	DSI2		Side	9	20600	844	25	LOW	0.09	0.225	23.51	24.50	1.256	0.283	/
	DSI2		Back	15	20600	844	1	MID	-0.09	0.194	24.46	25.50	1.271	0.246	/
	DSI2		Side	15	20600	844	25	LOW	-0.06	0.157	23.51	24.50	1.256	0.197	/
	DSI2		Bottom	15	20600	844	1	MID	0.00	0.155	24.46	25.50	1.271	0.197	/
	DSI2		Edge	15	20600	844	25	LOW	0.10	0.079	23.51	24.50	1.256	0.099	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
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Sensor-1

ANT1	DSI2	QPSK	Left	5	20600	844	1	MID	0.15	0.091	24.46	25.50	1.271	0.116	/
	DSI2		Edge	5	20600	844	25	LOW	0.12	0.056	23.51	24.50	1.256	0.070	/

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

11.9LTE Band 7 (20MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left Cheek	0	20850	2510	1	MID	-0.11	0.423	16.05	17.50	1.396	0.591	/
	DSI1			0	20850	2510	50	MID	0.10	0.413	16.28	17.50	1.324	0.547	/
	DSI1		Left Tilt	0	20850	2510	1	MID	0.05	0.463	16.05	17.50	1.396	0.647	/
	DSI1			0	20850	2510	50	MID	0.15	0.455	16.28	17.50	1.324	0.603	/
	DSI1		Right Cheek	0	20850	2510	1	MID	-0.02	0.493	16.05	17.50	1.396	0.688	/
	DSI1			0	20850	2510	50	MID	-0.13	0.502	16.28	17.50	1.324	0.665	/
	DSI1		Right Tilt	0	20850	2510	1	MID	0.02	0.532	16.05	17.50	1.396	0.743	21#
	DSI1			0	20850	2510	50	MID	-0.13	0.518	16.28	17.50	1.324	0.686	/
ANT1	DSI1	QPSK	Left Cheek	0	20850	2510	1	MID	0.17	0.277	25.33	25.50	1.040	0.288	/
	DSI1			0	20850	2510	50	MID	-0.14	0.265	24.45	24.50	1.012	0.268	/
	DSI1		Left Tilt	0	20850	2510	1	MID	0.14	0.158	25.33	25.50	1.040	0.164	/
	DSI1			0	20850	2510	50	MID	-0.02	0.153	24.45	24.50	1.012	0.155	/
	DSI1		Right Cheek	0	20850	2510	1	MID	-0.05	0.255	25.33	25.50	1.040	0.265	/
	DSI1			0	20850	2510	50	MID	0.07	0.210	24.45	24.50	1.012	0.212	/
	DSI1		Right Tilt	0	20850	2510	1	MID	-0.05	0.206	25.33	25.50	1.040	0.214	/
	DSI1			0	20850	2510	50	MID	-0.07	0.148	24.45	24.50	1.012	0.150	/
ANT2 (ENDC/4A-7A)	DSI1	QPSK	Left Cheek	0	20850	2510	1	LOW	-0.01	0.152	20.77	21.50	1.183	0.180	/
	DSI1			0	20850	2510	50	MID	-0.08	0.139	20.47	21.50	1.268	0.177	/
	DSI1		Left Tilt	0	20850	2510	1	LOW	0.19	0.053	20.77	21.50	1.183	0.063	/
	DSI1			0	20850	2510	50	MID	-0.19	0.044	20.47	21.50	1.268	0.055	/
	DSI1		Right Cheek	0	20850	2510	1	LOW	0.19	0.432	20.77	21.50	1.183	0.511	/
	DSI1			0	20850	2510	50	MID	0.14	0.382	20.47	21.50	1.268	0.485	/
	DSI1		Right Tilt	0	20850	2510	1	LOW	0.11	0.123	20.77	21.50	1.183	0.145	/
	DSI1			0	20850	2510	50	MID	0.16	0.098	20.47	21.50	1.268	0.125	/
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front Side	10	20850	2510	1	LOW	-0.10	0.132	19.35	20.00	1.161	0.153	/
	DSI4			10	20850	2510	50	MID	0.15	0.104	19.21	20.00	1.199	0.125	/
	DSI4		Back Side	10	20850	2510	1	LOW	-0.18	0.241	19.35	20.00	1.161	0.280	/
	DSI4			10	20850	2510	50	MID	-0.01	0.220	19.21	20.00	1.199	0.264	/
	DSI2&3		Left Edge	10	20850	2510	1	HIGH	-0.01	0.126	24.24	24.50	1.062	0.134	/
	DSI2&3			10	20850	2510	50	HIGH	0.13	0.095	23.13	23.50	1.089	0.103	/
	DSI4		Top Edge	10	20850	2510	1	LOW	-0.15	0.380	19.35	20.00	1.161	0.441	/
	DSI4			10	20850	2510	50	MID	-0.16	0.268	19.21	20.00	1.199	0.321	/
ANT1	DSI3&4	QPSK	Front Side	10	20850	2510	1	MID	-0.15	0.253	19.39	20.50	1.291	0.327	/
	DSI3&4			10	20850	2510	50	MID	-0.15	0.208	19.46	20.50	1.271	0.264	/
	DSI3&4		Back Side	10	20850	2510	1	MID	0.16	0.300	19.39	20.50	1.291	0.387	/

	DSI3&4			10	20850	2510	50	MID	-0.12	0.238	19.46	20.50	1.271	0.302	/	
	DSI3&4			Left Edge	10	20850	2510	1	MID	-0.08	0.223	19.39	20.50	1.291	0.288	/
	DSI3&4				10	20850	2510	50	MID	-0.08	0.177	19.46	20.50	1.271	0.225	/
	DSI2			Right Edge	10	20850	2510	1	MID	-0.10	0.300	25.33	25.50	1.040	0.312	/
	DSI2				10	20850	2510	50	MID	-0.10	0.234	24.45	24.50	1.012	0.237	/
	DSI3&4			Bottom Edge	10	20850	2510	1	MID	0.10	0.381	19.39	20.50	1.291	0.492	/
	DSI3&4				10	20850	2510	50	MID	-0.04	0.314	19.46	20.50	1.271	0.399	/
ANT2 (ENDC/4A-7A)	DSI2&3	QPSK	Front Side	10	20850	2510	1	LOW	0.17	0.099	23.21	24.00	1.199	0.119	/	
	DSI2&3			10	20850	2510	50	MID	0.04	0.082	22.73	23.50	1.194	0.098	/	
	DSI2&3		Back Side	10	20850	2510	1	LOW	0.04	0.229	23.21	24.00	1.199	0.275	/	
	DSI2&3			10	20850	2510	50	MID	-0.11	0.185	22.73	23.50	1.194	0.221	/	
	DSI2&3		Left Edge	10	20850	2510	1	LOW	0.15	0.486	23.21	24.00	1.199	0.583	22#	
	DSI2&3			10	20850	2510	50	MID	0.11	0.391	22.73	23.50	1.194	0.467	/	
	DSI2&3		Top Edge	10	20850	2510	1	LOW	-0.19	0.075	23.21	24.00	1.199	0.090	/	
	DSI2&3			10	20850	2510	50	MID	0.19	0.061	22.73	23.50	1.194	0.072	/	

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Specific															
ANT4	DSI4	QPSK	Back Side	0	20850	2510	1	LOW	0.02	0.845	19.35	20.00	1.161	0.981	/
	DSI4			0	20850	2510	50	MID	0.06	0.798	19.21	20.00	1.199	0.957	/
	DSI4		Top Edge	0	20850	2510	1	LOW	-0.01	0.978	19.35	20.00	1.161	1.136	/
	DSI4			0	20850	2510	50	MID	-0.15	0.945	19.21	20.00	1.199	1.134	/
ANT1	DSI3&4	QPSK	Back Side	0	20850	2510	1	MID	-0.05	0.843	19.39	20.50	1.291	1.088	/
	DSI3&4			0	20850	2510	50	MID	0.11	0.919	19.46	20.50	1.271	1.168	/
	DSI3&4		Bottom Edge	0	20850	2510	1	MID	-0.07	1.490	19.39	20.50	1.291	1.924	23#
	DSI3&4			0	20850	2510	50	MID	0.06	1.360	19.46	20.50	1.271	1.728	/
ANT2 (ENDC/4A-7A)	DSI4	QPSK	Left Edge	0	20850	2510	1	HIGH	0.10	1.240	18.87	19.50	1.156	1.434	/
	DSI4			0	20850	2510	50	LOW	0.09	1.280	18.66	19.50	1.213	1.553	/

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	20850	2510	1	HIGH	-0.03	0.470	24.24	24.50	1.062	0.499	/
	DSI2&3		Side	9	20850	2510	50	HIGH	-0.03	0.258	23.13	23.50	1.089	0.281	/
	DSI2&3		Back	15	20850	2510	1	HIGH	-0.19	0.390	24.24	24.50	1.062	0.414	/
	DSI2&3		Side	15	20850	2510	50	HIGH	-0.02	0.325	23.13	23.50	1.089	0.354	/
	DSI2&3		Top	15	20850	2510	1	HIGH	0.17	0.504	24.24	24.50	1.062	0.535	/
	DSI2&3		Edge	15	20850	2510	50	HIGH	-0.05	0.456	23.13	23.50	1.089	0.497	/
ANT1	DSI2	QPSK	Front	9	20850	2510	1	MID	-0.13	0.762	25.33	25.50	1.040	0.792	/
	DSI2		Side	9	20850	2510	50	MID	-0.14	0.643	24.45	24.50	1.012	0.650	/
	DSI2		Back	15	20850	2510	1	MID	-0.17	0.628	25.33	25.50	1.040	0.653	/
	DSI2		Side	15	20850	2510	50	MID	-0.16	0.475	24.45	24.50	1.012	0.481	/
	DSI2		Bottom	15	20850	2510	1	MID	-0.18	0.756	25.33	25.50	1.040	0.786	/
	DSI2		Edge	15	20850	2510	50	MID	0.01	0.537	24.45	24.50	1.012	0.543	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	20850	2510	1	MID	0.04	0.783	25.33	25.50	1.040	0.814	/
	DSI2		Edge	5	20850	2510	50	MID	0.16	0.617	24.45	24.50	1.012	0.624	/
ANT2	DSI2&3	QPSK	Front	5	21350	2560	1	MID	-0.02	0.211	23.21	24.00	1.199	0.253	/
	DSI2&3		Side	5	21350	2560	50	LOW	-0.04	0.266	22.73	23.50	1.194	0.318	/
	DSI2&3		Back	5	21350	2560	1	MID	0.08	0.533	23.21	24.00	1.199	0.639	/
	DSI2&3		Side	5	21350	2560	50	LOW	-0.16	0.676	22.73	23.50	1.194	0.807	/
	DSI2&3		Left	5	21350	2560	1	MID	-0.03	0.966	23.21	24.00	1.199	1.159	/
	DSI2&3		Edge	5	21350	2560	50	LOW	-0.18	1.220	22.73	23.50	1.194	1.457	/

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

11.10 LTE Band 7 Worse case for CA Test

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head-CA															
ANT1	DSI1	QPSK	Left Cheek	0	20850 +21048	2510 +2529.8	1+1	High +Low	0.01	0.240	23.58	25.50	1.556	0.373	41#
Body-worn&Hotspot-CA															
ANT1	DSI3&4	QPSK	Bottom Edge	10	21350 +21152	2560 +2540.2	1+1	Low +High	0.03	0.306	18.67	20.50	1.524	0.466	42#

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

11.11 LTE Band 12 (10MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left Cheek	0	23060	704	1	HIGH	0.18	0.143	24.59	25.50	1.233	0.176	/
	DSI1			0	23095	707.5	25	MID	0.04	0.137	23.50	24.50	1.259	0.172	/
	DSI1		Left Tilt	0	23060	704	1	HIGH	0.07	0.138	24.59	25.50	1.233	0.170	/
	DSI1			0	23095	707.5	25	MID	-0.01	0.124	23.50	24.50	1.259	0.156	/
	DSI1		Right Cheek	0	23060	704	1	HIGH	0.01	0.247	24.59	25.50	1.233	0.305	24#
	DSI1			0	23095	707.5	25	MID	0.00	0.187	23.50	24.50	1.259	0.235	/
	DSI1		Right Tilt	0	23060	704	1	HIGH	-0.17	0.177	24.59	25.50	1.233	0.218	/
	DSI1			0	23095	707.5	25	MID	-0.15	0.167	23.50	24.50	1.259	0.210	/
ANT1	DSI1	QPSK	Left Cheek	0	23060	704	1	HIGH	-0.14	0.073	24.58	25.50	1.236	0.090	/
	DSI1			0	23095	707.5	25	MID	0.05	0.063	23.54	24.50	1.247	0.079	/
	DSI1		Left Tilt	0	23060	704	1	HIGH	-0.06	0.045	24.58	25.50	1.236	0.056	/
	DSI1			0	23095	707.5	25	MID	-0.08	0.032	23.54	24.50	1.247	0.040	/
	DSI1		Right Cheek	0	23060	704	1	HIGH	0.16	0.095	24.58	25.50	1.236	0.117	/
	DSI1			0	23095	707.5	25	MID	0.00	0.073	23.54	24.50	1.247	0.091	/
	DSI1		Right Tilt	0	23060	704	1	HIGH	-0.19	0.051	24.58	25.50	1.236	0.063	/
	DSI1			0	23095	707.5	25	MID	-0.12	0.043	23.54	24.50	1.247	0.054	/
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front Side	10	23060	704	1	HIGH	0.14	0.045	24.59	25.50	1.233	0.055	/
	DSI4			10	23095	707.5	25	MID	0.09	0.041	23.50	24.50	1.259	0.052	/
	DSI4		Back Side	10	23060	704	1	HIGH	0.04	0.064	24.59	25.50	1.233	0.079	/
	DSI4			10	23095	707.5	25	MID	0.07	0.061	23.50	24.50	1.259	0.077	/
	DSI2&3		Left Edge	10	23060	704	1	HIGH	-0.09	0.072	24.59	25.50	1.233	0.089	/
	DSI2&3			10	23095	707.5	25	MID	-0.17	0.055	23.50	24.50	1.259	0.069	/
	DSI4		Top Edge	10	23060	704	1	HIGH	0.04	0.057	24.59	25.50	1.233	0.070	/
	DSI4			10	23095	707.5	25	MID	0.16	0.041	23.50	24.50	1.259	0.052	/
ANT1	DSI3&4	QPSK	Front Side	10	23060	704	1	HIGH	-0.06	0.117	24.58	25.50	1.236	0.145	/
	DSI3&4			10	23060	704	25	MID	0.19	0.106	23.54	24.50	1.247	0.132	/
	DSI3&4		Back Side	10	23060	704	1	HIGH	-0.05	0.175	24.58	25.50	1.236	0.216	25#
	DSI3&4			10	23060	704	25	MID	0.07	0.161	23.54	24.50	1.247	0.201	/
	DSI3&4		Left Edge	10	23060	704	1	HIGH	-0.15	0.116	24.58	25.50	1.236	0.143	/
	DSI3&4			10	23060	704	25	MID	-0.19	0.095	23.54	24.50	1.247	0.119	/
	DSI2		Right Edge	10	23060	704	1	HIGH	0.03	0.162	24.58	25.50	1.236	0.200	/
	DSI2			10	23060	704	25	MID	-0.16	0.129	23.54	24.50	1.247	0.161	/
	DSI3&4		Bottom Edge	10	23060	704	1	HIGH	0.14	0.072	24.58	25.50	1.236	0.089	/
	DSI3&4			10	23060	704	25	MID	0.04	0.060	23.54	24.50	1.247	0.075	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	23060	704	1	HIGH	-0.19	0.050	24.59	25.50	1.233	0.062	/
	DSI2&3		Side	9	23060	704	25	HIGH	0.05	0.043	23.51	24.50	1.256	0.054	/
	DSI2&3		Back	15	23060	704	1	HIGH	-0.09	0.066	24.59	25.50	1.233	0.081	/
	DSI2&3		Side	15	23060	704	25	HIGH	0.05	0.056	23.51	24.50	1.256	0.070	/
	DSI2&3		Top	15	23060	704	1	HIGH	0.14	0.005	24.59	25.50	1.233	0.006	/
	DSI2&3		Edge	15	23060	704	25	HIGH	-0.02	0.003	23.51	24.50	1.256	0.004	/
ANT1	DSI2	QPSK	Front	9	23060	704	1	HIGH	-0.08	0.133	24.58	25.50	1.236	0.164	/
	DSI2		Side	9	23060	704	25	HIGH	0.13	0.114	23.56	24.50	1.242	0.142	/
	DSI2		Back	15	23060	704	1	HIGH	0.18	0.181	24.58	25.50	1.236	0.224	/
	DSI2		Side	15	23060	704	25	HIGH	0.09	0.065	23.56	24.50	1.242	0.081	/
	DSI2		Bottom	15	23060	704	1	HIGH	-0.11	0.076	24.58	25.50	1.236	0.094	/
	DSI2		Edge	15	23060	704	25	HIGH	-0.03	0.062	23.56	24.50	1.242	0.077	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	23060	704	1	HIGH	-0.14	0.105	24.58	25.50	1.236	0.130	/
	DSI2		Edge	5	23060	704	25	HIGH	0.13	0.090	23.56	24.50	1.242	0.112	/

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

11.12 LTE Band 13 (10MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left	0	23230	782	1	MID	-0.09	0.380	24.43	25.50	1.279	0.486	/
	DSI1			Cheek	0	23230	782	25	LOW	0.08	0.295	23.50	24.50	1.259	0.371
	DSI1		Left Tilt	0	23230	782	1	MID	-0.06	0.336	24.43	25.50	1.279	0.430	/
	DSI1			Cheek	0	23230	782	25	LOW	0.18	0.266	23.50	24.50	1.259	0.335
	DSI1		Right	0	23230	782	1	MID	-0.19	0.488	24.43	25.50	1.279	0.624	26#
	DSI1			Cheek	0	23230	782	25	LOW	0.13	0.414	23.50	24.50	1.259	0.521
	DSI1		Right Tilt	0	23230	782	1	MID	0.11	0.417	24.43	25.50	1.279	0.534	/
	DSI1			Cheek	0	23230	782	25	LOW	0.00	0.325	23.50	24.50	1.259	0.409
ANT1	DSI1	QPSK	Left	0	23230	782	1	LOW	0.04	0.105	24.43	25.50	1.279	0.134	/
	DSI1			Cheek	0	23230	782	25	LOW	0.00	0.083	23.40	24.50	1.288	0.107
	DSI1		Left Tilt	0	23230	782	1	LOW	0.09	0.070	24.43	25.50	1.279	0.090	/
	DSI1			Cheek	0	23230	782	25	LOW	0.08	0.053	23.40	24.50	1.288	0.068
	DSI1		Right	0	23230	782	1	LOW	0.08	0.133	24.43	25.50	1.279	0.170	/
	DSI1			Cheek	0	23230	782	25	LOW	0.00	0.107	23.40	24.50	1.288	0.138
	DSI1		Right Tilt	0	23230	782	1	LOW	-0.18	0.072	24.43	25.50	1.279	0.092	/
	DSI1			Cheek	0	23230	782	25	LOW	0.00	0.062	23.40	24.50	1.288	0.080
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front	10	23230	782	1	MID	-0.01	0.112	24.43	25.50	1.279	0.143	/
	DSI4			Side	10	23230	782	25	LOW	-0.15	0.088	23.50	24.50	1.259	0.111
	DSI4		Back	10	23230	782	1	MID	0.08	0.177	24.43	25.50	1.279	0.226	/
	DSI4			Side	10	23230	782	25	LOW	0.14	0.139	23.50	24.50	1.259	0.175
	DSI2&3		Left	10	23230	782	1	MID	0.04	0.127	24.43	25.50	1.279	0.162	/
	DSI2&3			Edge	10	23230	782	25	LOW	0.07	0.102	23.50	24.50	1.259	0.128
	DSI4		Top	10	23230	782	1	MID	0.12	0.144	24.43	25.50	1.279	0.184	/
	DSI4			Edge	10	23230	782	25	LOW	0.13	0.110	23.50	24.50	1.259	0.138
ANT1	DSI3&4	QPSK	Front	10	23230	782	1	LOW	0.04	0.147	24.43	25.50	1.279	0.188	/
	DSI3&4			Side	10	23230	782	25	LOW	-0.07	0.119	23.40	24.50	1.288	0.153
	DSI3&4		Back	10	23230	782	1	LOW	-0.12	0.202	24.43	25.50	1.279	0.258	27#
	DSI3&4			Side	10	23230	782	25	LOW	-0.03	0.171	23.40	24.50	1.288	0.220
	DSI3&4		Left	10	23230	782	1	LOW	0.08	0.089	24.43	25.50	1.279	0.114	/
	DSI3&4			Edge	10	23230	782	25	LOW	0.07	0.067	23.40	24.50	1.288	0.086
	DSI2		Right	10	23230	782	1	LOW	-0.04	0.154	24.43	25.50	1.279	0.197	/
	DSI2			Edge	10	23230	782	25	LOW	0.05	0.117	23.40	24.50	1.288	0.151
	DSI3&4		Bottom	10	23230	782	1	LOW	0.17	0.106	24.43	25.50	1.279	0.136	/
	DSI3&4			Edge	10	23230	782	25	LOW	0.01	0.088	23.40	24.50	1.288	0.113

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	23230	782	1	MID	-0.05	0.112	24.43	25.50	1.279	0.143	/
	DSI2&3		Side	9	23230	782	25	LOW	0.00	0.096	23.50	24.50	1.259	0.121	/
	DSI2&3		Back	15	23230	782	1	MID	0.11	0.110	24.43	25.50	1.279	0.141	/
	DSI2&3		Side	15	23230	782	25	LOW	0.00	0.094	23.50	24.50	1.259	0.118	/
	DSI2&3		Top	15	23230	782	1	MID	-0.12	0.071	24.43	25.50	1.279	0.091	/
	DSI2&3		Edge	15	23230	782	25	LOW	-0.03	0.061	23.50	24.50	1.259	0.077	/
ANT1	DSI2	QPSK	Front	9	23230	782	1	LOW	0.03	0.154	24.43	25.50	1.279	0.197	/
	DSI2		Side	9	23230	782	25	LOW	0.04	0.132	23.40	24.50	1.288	0.170	/
	DSI2		Back	15	23230	782	1	LOW	0.05	0.149	24.43	25.50	1.279	0.191	/
	DSI2		Side	15	23230	782	25	LOW	0.11	0.127	23.40	24.50	1.288	0.164	/
	DSI2		Bottom	15	23230	782	1	LOW	0.18	0.048	24.43	25.50	1.279	0.061	/
	DSI2		Edge	15	23230	782	25	LOW	0.08	0.041	23.40	24.50	1.288	0.053	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	23230	782	1	LOW	-0.15	0.063	24.43	25.50	1.279	0.081	/
	DSI2		Edge	5	23230	782	25	LOW	0.19	0.053	23.40	24.50	1.288	0.068	/

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

11.13 LTE Band 17 (10MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left	0	23780	709	1	MID	0.12	0.163	24.48	25.50	1.265	0.206	/
	DSI1			Cheek	0	23780	709	25	LOW	0.03	0.146	23.41	24.50	1.285	0.188
	DSI1		Left Tilt	0	23780	709	1	MID	-0.12	0.152	24.48	25.50	1.265	0.192	/
	DSI1			0	23780	709	25	LOW	-0.08	0.139	23.41	24.50	1.285	0.179	/
	DSI1		Right	0	23780	709	1	MID	0.13	0.236	24.48	25.50	1.265	0.298	28#
	DSI1			Cheek	0	23780	709	25	LOW	0.11	0.207	23.41	24.50	1.285	0.266
	DSI1		Right Tilt	0	23780	709	1	MID	0.18	0.197	24.48	25.50	1.265	0.249	/
	DSI1			0	23780	709	25	LOW	-0.06	0.181	23.41	24.50	1.285	0.233	/
ANT1	DSI1	QPSK	Left	0	23780	709	1	MID	-0.10	0.082	24.52	25.50	1.253	0.103	/
	DSI1			Cheek	0	23780	709	25	LOW	-0.09	0.066	23.46	24.50	1.271	0.084
	DSI1		Left Tilt	0	23780	709	1	MID	0.10	0.050	24.52	25.50	1.253	0.063	/
	DSI1			0	23780	709	25	LOW	0.14	0.044	23.46	24.50	1.271	0.056	/
	DSI1		Right	0	23780	709	1	MID	0.10	0.091	24.52	25.50	1.253	0.114	/
	DSI1			Cheek	0	23780	709	25	LOW	0.02	0.077	23.46	24.50	1.271	0.098
	DSI1		Right Tilt	0	23780	709	1	MID	0.05	0.056	24.52	25.50	1.253	0.070	/
	DSI1			0	23780	709	25	LOW	-0.12	0.044	23.46	24.50	1.271	0.056	/
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front Side	10	23780	709	1	MID	-0.16	0.046	24.48	25.50	1.265	0.058	/
	DSI4			10	23780	709	25	LOW	-0.14	0.039	23.41	24.50	1.285	0.050	/
	DSI4		Back Side	10	23780	709	1	MID	0.04	0.072	24.48	25.50	1.265	0.091	/
	DSI4			10	23780	709	25	LOW	0.05	0.061	23.41	24.50	1.285	0.078	/
	DSI2&3		Left Edge	10	23780	709	1	MID	-0.04	0.077	24.48	25.50	1.265	0.097	/
	DSI2&3			10	23780	709	25	LOW	0.07	0.069	23.41	24.50	1.285	0.089	/
	DSI4		Top Edge	10	23780	709	1	MID	0.05	0.062	24.48	25.50	1.265	0.078	/
	DSI4			10	23780	709	25	LOW	0.08	0.050	23.41	24.50	1.285	0.064	/
ANT1	DSI3&4	QPSK	Front Side	10	23780	709	1	MID	0.12	0.133	24.52	25.50	1.253	0.167	/
	DSI3&4			10	23780	709	25	LOW	0.12	0.104	23.46	24.50	1.271	0.132	/
	DSI3&4		Back Side	10	23780	709	1	MID	-0.04	0.177	24.52	25.50	1.253	0.222	29#
	DSI3&4			10	23780	709	25	LOW	-0.07	0.138	23.46	24.50	1.271	0.175	/
	DSI3&4		Left Edge	10	23780	709	1	MID	0.12	0.114	24.52	25.50	1.253	0.143	/
	DSI3&4			10	23780	709	25	LOW	0.01	0.092	23.46	24.50	1.271	0.117	/
	DSI2		Right Edge	10	23780	709	1	MID	0.11	0.144	24.52	25.50	1.253	0.180	/
	DSI2			10	23780	709	25	LOW	-0.08	0.126	23.46	24.50	1.271	0.160	/
	DSI3&4		Bottom Edge	10	23780	709	1	MID	-0.16	0.094	24.52	25.50	1.253	0.118	/
	DSI3&4			10	23780	709	25	LOW	-0.05	0.075	23.46	24.50	1.271	0.095	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	23780	709	1	MID	-0.04	0.053	24.48	25.50	1.265	0.067	/
	DSI2&3		Side	9	23780	709	25	LOW	0.01	0.045	23.41	24.50	1.285	0.058	/
	DSI2&3		Back	15	23780	709	1	MID	-0.10	0.060	24.48	25.50	1.265	0.076	/
	DSI2&3		Side	15	23780	709	25	LOW	0.16	0.051	23.41	24.50	1.285	0.066	/
	DSI2&3		Top	15	23780	709	1	MID	0.00	0.033	24.48	25.50	1.265	0.042	/
	DSI2&3		Edge	15	23780	709	25	LOW	0.12	0.113	23.41	24.50	1.285	0.145	/
ANT1	DSI2	QPSK	Front	9	23780	709	1	MID	0.19	0.133	24.52	25.50	1.253	0.167	/
	DSI2		Side	9	23780	709	25	LOW	-0.02	0.113	23.46	24.50	1.271	0.144	/
	DSI2		Back	15	23780	709	1	MID	-0.18	0.175	24.52	25.50	1.253	0.219	/
	DSI2		Side	15	23780	709	25	LOW	0.06	0.148	23.46	24.50	1.271	0.188	/
	DSI2		Bottom	15	23780	709	1	MID	0.08	0.044	24.52	25.50	1.253	0.055	/
	DSI2		Edge	15	23780	709	25	LOW	0.11	0.037	23.46	24.50	1.271	0.047	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	23780	709	1	MID	0.19	0.098	23.41	24.50	1.285	0.126	/
	DSI2		Edge	5	23780	709	25	LOW	0.05	0.083	24.52	25.50	1.253	0.104	/

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

11.14 LTE Band 26 (15MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left	0	26865	831.5	1	MID	-0.18	0.348	23.72	25.00	1.343	0.467	/
	DSI1			Cheek	0	26965	841.5	36	LOW	0.13	0.317	22.77	24.00	1.327	0.421
	DSI1		Left Tilt	0	26865	831.5	1	MID	0.06	0.298	23.72	25.00	1.343	0.400	/
	DSI1			Cheek	0	26965	841.5	36	LOW	0.13	0.283	22.77	24.00	1.327	0.376
	DSI1		Right	0	26865	831.5	1	MID	0.11	0.481	23.72	25.00	1.343	0.646	30#
	DSI1			Cheek	0	26965	841.5	36	LOW	-0.08	0.413	22.77	24.00	1.327	0.548
	DSI1		Right Tilt	0	26865	831.5	1	MID	0.12	0.335	23.72	25.00	1.343	0.450	/
	DSI1			Cheek	0	26965	841.5	36	LOW	0.06	0.331	22.77	24.00	1.327	0.439
ANT1	DSI1	QPSK	Left	0	26865	831.5	1	MID	0.06	0.086	23.91	25.00	1.285	0.111	/
	DSI1			Cheek	0	26965	841.5	36	LOW	-0.19	0.077	22.94	24.00	1.276	0.098
	DSI1		Left Tilt	0	26865	831.5	1	MID	0.13	0.057	23.91	25.00	1.285	0.073	/
	DSI1			Cheek	0	26965	841.5	36	LOW	-0.05	0.053	22.94	24.00	1.276	0.068
	DSI1		Right	0	26865	831.5	1	MID	0.14	0.121	23.91	25.00	1.285	0.156	/
	DSI1			Cheek	0	26965	841.5	36	LOW	0.16	0.113	22.94	24.00	1.276	0.144
	DSI1		Right Tilt	0	26865	831.5	1	MID	0.15	0.059	23.91	25.00	1.285	0.076	/
	DSI1			Cheek	0	26965	841.5	36	LOW	-0.03	0.065	22.94	24.00	1.276	0.083
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front	10	26865	831.5	1	MID	0.01	0.095	23.72	25.00	1.343	0.128	/
	DSI4			Side	10	26965	841.5	36	LOW	0.01	0.079	22.77	24.00	1.327	0.105
	DSI4		Back	10	26865	831.5	1	MID	0.18	0.149	23.72	25.00	1.343	0.200	/
	DSI4			Side	10	26965	841.5	36	LOW	-0.04	0.118	22.77	24.00	1.327	0.157
	DSI2&3		Left	10	26865	831.5	1	MID	0.03	0.056	23.72	25.00	1.343	0.075	/
	DSI2&3			Edge	10	26965	841.5	36	LOW	0.12	0.047	22.77	24.00	1.327	0.062
	DSI4		Top	10	26865	831.5	1	MID	-0.15	0.125	23.72	25.00	1.343	0.168	/
	DSI4			Edge	10	26965	841.5	36	LOW	-0.04	0.105	22.77	24.00	1.327	0.139
ANT1	DSI3&4	QPSK	Front	10	26865	831.5	1	MID	-0.09	0.168	23.91	25.00	1.285	0.216	/
	DSI3&4			Side	10	26965	841.5	36	LOW	0.02	0.147	22.94	24.00	1.276	0.188
	DSI3&4		Back	10	26865	831.5	1	MID	-0.12	0.289	23.91	25.00	1.285	0.371	31#
	DSI3&4			Side	10	26965	841.5	36	LOW	-0.13	0.212	22.94	24.00	1.276	0.271
	DSI3&4		Left	10	26865	831.5	1	MID	-0.19	0.014	23.91	25.00	1.285	0.018	/
	DSI3&4			Edge	10	26965	841.5	36	LOW	0.04	0.011	22.94	24.00	1.276	0.014
	DSI2		Right	10	26865	831.5	1	MID	-0.17	0.112	23.91	25.00	1.285	0.144	/
	DSI2			Edge	10	26965	841.5	36	LOW	0.15	0.084	22.94	24.00	1.276	0.107
	DSI3&4		Bottom	10	26865	831.5	1	MID	-0.11	0.173	23.91	25.00	1.285	0.222	/
	DSI3&4			Edge	10	26965	841.5	36	LOW	-0.07	0.141	22.94	24.00	1.276	0.180

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	26865	831.5	1	MID	0.04	0.088	23.72	25.00	1.343	0.118	/
	DSI2&3		Side	9	26965	841.5	36	LOW	0.10	0.075	22.77	24.00	1.327	0.100	/
	DSI2&3		Back	15	26865	831.5	1	MID	-0.11	0.069	23.72	25.00	1.343	0.093	/
	DSI2&3		Side	15	26965	841.5	36	LOW	0.14	0.059	22.77	24.00	1.327	0.078	/
	DSI2&3		Top	15	26865	831.5	1	MID	-0.18	0.054	23.72	25.00	1.343	0.073	/
	DSI2&3		Edge	15	26965	841.5	36	LOW	0.10	0.046	22.77	24.00	1.327	0.061	/
ANT1	DSI2	QPSK	Front	9	26865	831.5	1	MID	-0.17	0.167	23.91	25.00	1.285	0.215	/
	DSI2		Side	9	26965	841.5	36	LOW	-0.06	0.143	22.94	24.00	1.276	0.183	/
	DSI2		Back	15	26865	831.5	1	MID	0.10	0.117	23.91	25.00	1.285	0.150	/
	DSI2		Side	15	26965	841.5	36	LOW	-0.18	0.100	22.94	24.00	1.276	0.128	/
	DSI2		Bottom	15	26865	831.5	1	MID	-0.14	0.063	23.91	25.00	1.285	0.081	/
	DSI2		Edge	15	26965	841.5	36	LOW	-0.02	0.054	22.94	24.00	1.276	0.069	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	26865	831.5	1	MID	0.14	0.039	23.91	25.00	1.285	0.050	/
	DSI2		Edge	5	26965	841.5	36	LOW	-0.14	0.033	22.94	24.00	1.276	0.042	/

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

11.15 LTE Band 66 (20MHz Bandwidth)

Antenna	DSI State	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 Report SAR (W/kg)	1g Meas. No.		
Head																	
ANT4	DSI1	QPSK	Left Cheek	0	132572	1770	1	LOW	-0.01	0.356	17.83	19.00	1.309	0.466	/		
	DSI1			0	132572	1770	50	LOW	-0.04	0.351	17.85	19.00	1.303	0.457	/		
	DSI1		Left Tilt	0	132572	1770	1	LOW	0.14	0.423	17.83	19.00	1.309	0.554	/		
	DSI1			0	132572	1770	50	LOW	0.03	0.413	17.85	19.00	1.303	0.538	/		
	DSI1		Right Cheek	0	132572	1770	1	LOW	-0.08	0.558	17.83	19.00	1.309	0.731	/		
	DSI1			0	132572	1770	50	LOW	0.03	0.545	17.85	19.00	1.303	0.710	/		
	DSI1		Right Tilt	0	132572	1770	1	LOW	0.07	0.636	17.83	19.00	1.309	0.833	/		
	DSI1			0	132572	1770	50	LOW	-0.14	0.615	17.85	19.00	1.303	0.801	/		
	DSI1		Right Tilt	0	132072	1720	1	MID	0.12	0.721	17.72	19.00	1.343	0.968	32#		
	DSI1			0	132322	1745	1	MID	0.19	0.671	17.75	19.00	1.334	0.895	/		
	DSI1			0	132072	1720	50	MID	-0.04	0.669	17.81	19.00	1.315	0.880	/		
	DSI1			0	132322	1745	50	MID	-0.12	0.691	17.83	19.00	1.309	0.905	/		
	DSI1					0	132572	1770	100	LOW	-0.05	0.683	17.77	19.00	1.327	0.907	/
	ANT1		DSI1	QPSK	Left Cheek	0	132572	1770	1	MID	0.02	0.202	24.70	25.50	1.202	0.243	/
DSI1		0	132572			1770	50	MID	0.02	0.160	23.87	24.50	1.156	0.185	/		
DSI1		Left Tilt	0		132572	1770	1	MID	-0.10	0.105	24.70	25.50	1.202	0.126	/		
DSI1			0		132572	1770	50	MID	-0.15	0.081	23.87	24.50	1.156	0.094	/		
DSI1		Right Cheek	0		132572	1770	1	MID	-0.15	0.121	24.70	25.50	1.202	0.145	/		
DSI1			0		132572	1770	50	MID	-0.19	0.092	23.87	24.50	1.156	0.106	/		
DSI1		Right Tilt	0		132572	1770	1	MID	0.05	0.089	24.70	25.50	1.202	0.107	/		
DSI1			0		132572	1770	50	MID	0.17	0.058	23.87	24.50	1.156	0.067	/		
ANT2 (ENDC)	DSI1	QPSK	Left Cheek	0	132572	1770	1	HIGH	-0.05	0.177	20.67	21.50	1.211	0.214	/		
	DSI1			0	132572	1770	50	MID	0.05	0.146	20.65	21.50	1.216	0.178	/		
	DSI1		Left Tilt	0	132572	1770	1	HIGH	-0.17	0.030	20.67	21.50	1.211	0.036	/		
	DSI1			0	132572	1770	50	MID	-0.15	0.032	20.65	21.50	1.216	0.039	/		
	DSI1		Right Cheek	0	132572	1770	1	HIGH	0.09	0.445	20.67	21.50	1.211	0.539	/		
	DSI1			0	132572	1770	50	MID	-0.09	0.438	20.65	21.50	1.216	0.533	/		
	DSI1		Right Tilt	0	132572	1770	1	HIGH	-0.06	0.068	20.67	21.50	1.211	0.082	/		
	DSI1			0	132572	1770	50	MID	0.01	0.069	20.65	21.50	1.216	0.084	/		
Body-worn&Hotspot																	
ANT4	DSI4	QPSK	Front Side	10	132572	1770	1	MID	0.15	0.088	16.23	17.50	1.340	0.117	/		
	DSI4			10	132572	1770	50	MID	-0.07	0.073	16.38	17.50	1.294	0.094	/		
	DSI4		Back Side	10	132572	1770	1	MID	0.02	0.221	16.23	17.50	1.340	0.295	/		
	DSI4			10	132572	1770	50	MID	-0.13	0.134	16.38	17.50	1.294	0.173	/		
	DSI2&3		Left Edge	10	132572	1770	1	MID	-0.01	0.134	22.75	24.00	1.334	0.179	/		
	DSI2&3			10	132572	1770	50	HIGH	0.11	0.137	23.20	24.00	1.202	0.164	/		

	DSI4		Top Edge	10	132572	1770	1	MID	0.03	0.227	16.23	17.50	1.340	0.304	/
	DSI4			10	132572	1770	50	MID	-0.16	0.192	16.38	17.50	1.294	0.249	/
ANT1	DSI3&4	QPSK	Front Side	10	132572	1770	1	MID	-0.02	0.177	20.21	21.50	1.346	0.238	/
	DSI3&4			10	132572	1770	50	MID	-0.18	0.128	20.22	21.50	1.343	0.172	/
	DSI3&4		Back Side	10	132572	1770	1	MID	0.07	0.329	20.21	21.50	1.346	0.443	/
	DSI3&4			10	132572	1770	50	MID	0.12	0.242	20.22	21.50	1.343	0.324	/
	DSI3&4		Left Edge	10	132572	1770	1	MID	-0.07	0.131	20.21	21.50	1.346	0.176	/
	DSI3&4			10	132572	1770	50	MID	0.07	0.100	20.22	21.50	1.343	0.134	/
	DSI2		Right Edge	10	132572	1770	1	MID	-0.08	0.024	24.70	25.50	1.202	0.029	/
	DSI2			10	132572	1770	50	MID	0.00	0.021	23.87	24.50	1.156	0.024	/
	DSI3&4		Bottom Edge	10	132572	1770	1	MID	0.11	0.602	20.21	21.50	1.346	0.810	/
	DSI3&4			10	132572	1770	50	MID	0.18	0.596	20.22	21.50	1.343	0.800	/
	DSI3&4		Bottom Edge	10	132072	1720	1	HIGH	0.06	0.662	20.14	21.50	1.368	0.905	33#
	DSI3&4			10	132322	1745	1	MID	-0.06	0.577	20.18	21.50	1.355	0.782	/
	DSI3&4			10	132072	1720	50	MID	-0.13	0.541	20.20	21.50	1.349	0.730	/
	DSI3&4			10	132322	1745	50	MID	0.03	0.556	20.21	21.50	1.346	0.748	/
	DSI3&4			10	132572	1770	100	LOW	0.19	0.525	20.25	21.50	1.334	0.700	/
	ANT2 (ENDC)		DSI2&3	QPSK	Front Side	10	132572	1770	1	MID	-0.19	0.179	22.66	23.00	1.081
DSI2&3		10	132572			1770	50	MID	-0.04	0.149	22.53	23.00	1.114	0.166	/
DSI2&3		Back Side	10		132572	1770	1	MID	0.15	0.448	22.66	23.00	1.081	0.484	/
DSI2&3			10		132572	1770	50	MID	-0.02	0.377	22.53	23.00	1.114	0.420	/
DSI2&3		Left Edge	10		132572	1770	1	MID	0.01	0.725	22.66	23.00	1.081	0.784	/
DSI2&3			10		132572	1770	50	MID	0.08	0.595	22.53	23.00	1.114	0.663	/
DSI2&3		Top Edge	10		132572	1770	1	MID	-0.13	0.066	22.66	23.00	1.081	0.071	/
DSI2&3			10		132572	1770	50	MID	-0.06	0.053	22.53	23.00	1.114	0.059	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Specific															
ANT4	DSI4	QPSK	Back Side	0	132572	1770	1	MID	0.02	0.533	16.23	17.50	1.340	0.714	/
	DSI4			0	132572	1770	50	MID	-0.13	0.554	16.38	17.50	1.294	0.717	/
	DSI4		Top Edge	0	132572	1770	1	MID	-0.08	0.696	16.23	17.50	1.340	0.932	/
	DSI4			0	132572	1770	50	MID	-0.16	0.642	16.38	17.50	1.294	0.831	/
ANT1	DSI3&4	QPSK	Back Side	0	132572	1770	1	MID	0.07	0.535	20.21	21.50	1.346	0.720	/
	DSI3&4			0	132572	1770	50	MID	0.12	0.525	20.22	21.50	1.343	0.705	/
	DSI3&4		Bottom Edge	0	132572	1770	1	MID	0.11	0.769	20.21	21.50	1.346	1.035	/
	DSI3&4			0	132572	1770	50	MID	0.18	0.755	20.22	21.50	1.343	1.014	/
	DSI3&4			0	132072	1720	1	HIGH	0.04	0.936	20.14	21.50	1.368	1.280	/
	DSI3&4			0	132322	1745	1	MID	-0.06	0.894	20.18	21.50	1.355	1.212	/
	DSI3&4			0	132072	1720	50	MID	-0.13	0.825	20.20	21.50	1.349	1.113	/
	DSI3&4			0	132322	1745	50	MID	0.03	0.783	20.21	21.50	1.346	1.054	/
	DSI3&4			0	132572	1770	100	LOW	0.19	0.779	20.25	21.50	1.334	1.039	/
ANT2 (ENDC)	DSI4	QPSK	Left Edge	0	132572	1770	1	HIGH	-0.01	1.730	19.70	20.00	1.072	1.854	34#
	DSI4			0	132572	1770	50	LOW	0.05	1.530	19.67	20.00	1.079	1.651	/

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	132572	1770	1	MID	0.11	0.401	22.75	24.00	1.334	0.535	/
	DSI2&3		Side	9	132572	1770	50	HIGH	-0.03	0.349	23.20	24.00	1.202	0.420	/
	DSI2&3		Back	15	132572	1770	1	MID	0.03	0.388	22.75	24.00	1.334	0.517	/
	DSI2&3		Side	15	132572	1770	50	HIGH	0.00	0.337	23.20	24.00	1.202	0.405	/
	DSI2&3		Top	15	132572	1770	1	MID	-0.14	0.506	22.75	24.00	1.334	0.675	/
	DSI2&3		Edge	15	132572	1770	50	HIGH	0.10	0.440	23.20	24.00	1.202	0.529	/
ANT1	DSI2	QPSK	Front	9	132572	1770	1	MID	-0.03	0.438	24.70	25.50	1.202	0.527	/
	DSI2		Side	9	132572	1770	50	MID	0.07	0.381	23.87	24.50	1.156	0.440	/
	DSI2		Back	15	132572	1770	1	MID	-0.16	0.324	24.70	25.50	1.202	0.390	/
	DSI2		Side	15	132572	1770	50	MID	0.15	0.282	23.87	24.50	1.156	0.326	/
	DSI2		Bottom	15	132572	1770	1	MID	-0.02	0.397	24.70	25.50	1.202	0.477	/
	DSI2		Edge	15	132572	1770	50	MID	-0.13	0.345	23.87	24.50	1.156	0.399	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	132572	1770	1	MID	-0.08	0.292	24.70	25.50	1.202	0.351	/
	DSI2		Edge	5	132572	1770	50	MID	-0.12	0.254	23.87	24.50	1.156	0.294	/
ANT2	DSI2&3	QPSK	Front	5	132572	1770	1	MID	0.03	0.144	22.75	23.00	1.059	0.153	/
	DSI2&3		Side	5	132572	1770	50	HIGH	0.17	0.125	23.20	23.00	0.955	0.119	/
	DSI2&3		Back	5	132572	1770	1	MID	0.13	0.380	22.75	23.00	1.059	0.403	/
	DSI2&3		Side	5	132572	1770	50	HIGH	0.14	0.330	23.20	23.00	0.955	0.315	/
	DSI2&3		Left	5	132572	1770	1	MID	-0.09	0.526	22.75	23.00	1.059	0.557	/
	DSI2&3		Edge	5	132572	1770	50	HIGH	-0.07	0.457	23.20	23.00	0.955	0.436	/

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

11.16 LTE Band 38 (20MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left Cheek	0	38150	2610	1	LOW	0.08	0.377	19.43	20.50	1.279	0.482	/
	DSI1			0	37850	2580	50	LOW	0.17	0.325	19.41	20.50	1.285	0.418	/
	DSI1		Left Tilt	0	38150	2610	1	LOW	-0.01	0.436	19.43	20.50	1.279	0.558	/
	DSI1			0	37850	2580	50	LOW	-0.04	0.412	19.41	20.50	1.285	0.530	/
	DSI1		Right Cheek	0	38150	2610	1	LOW	0.15	0.491	19.43	20.50	1.279	0.628	/
	DSI1			0	37850	2580	50	LOW	-0.04	0.478	19.41	20.50	1.285	0.614	/
	DSI1		Right Tilt	0	38150	2610	1	LOW	0.08	0.577	19.43	20.50	1.279	0.738	35#
	DSI1			0	37850	2580	50	LOW	-0.14	0.543	19.41	20.50	1.285	0.698	/
ANT1	DSI1	QPSK	Left Cheek	0	38150	2610	1	MID	-0.13	0.206	25.29	25.50	1.050	0.216	/
	DSI1			0	37850	2580	50	MID	0.04	0.177	24.26	24.50	1.057	0.187	/
	DSI1		Left Tilt	0	38150	2610	1	MID	0.18	0.106	25.29	25.50	1.050	0.111	/
	DSI1			0	37850	2580	50	MID	-0.02	0.085	24.26	24.50	1.057	0.090	/
	DSI1		Right Cheek	0	38150	2610	1	MID	0.14	0.082	25.29	25.50	1.050	0.086	/
	DSI1			0	37850	2580	50	MID	-0.12	0.073	24.26	24.50	1.057	0.077	/
	DSI1		Right Tilt	0	38150	2610	1	MID	-0.12	0.097	25.29	25.50	1.050	0.102	/
	DSI1			0	37850	2580	50	MID	0.03	0.057	24.26	24.50	1.057	0.060	/
ANT2 (ENDC)	DSI1	QPSK	Left Cheek	0	38150	2610	1	HIGH	0.01	0.109	20.88	22.00	1.294	0.141	/
	DSI1			0	37850	2580	50	LOW	0.14	0.088	21.02	22.00	1.253	0.111	/
	DSI1		Left Tilt	0	38150	2610	1	HIGH	0.12	0.047	20.88	22.00	1.294	0.061	/
	DSI1			0	37850	2580	50	LOW	-0.17	0.036	21.02	22.00	1.253	0.045	/
	DSI1		Right Cheek	0	38150	2610	1	HIGH	-0.06	0.332	20.88	22.00	1.294	0.429	/
	DSI1			0	37850	2580	50	LOW	0.14	0.264	21.02	22.00	1.253	0.330	/
	DSI1		Right Tilt	0	38150	2610	1	HIGH	0.13	0.106	20.88	22.00	1.294	0.138	/
	DSI1			0	37850	2580	50	LOW	0.12	0.078	21.02	22.00	1.253	0.097	/
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front Side	10	38150	2610	1	LOW	0.18	0.091	19.43	20.50	1.279	0.116	/
	DSI4			10	37850	2580	50	LOW	-0.07	0.075	19.41	20.50	1.285	0.097	/
	DSI4		Back Side	10	38150	2610	1	LOW	0.03	0.172	19.43	20.50	1.279	0.220	/
	DSI4			10	37850	2580	50	LOW	-0.03	0.162	19.41	20.50	1.285	0.208	/
	DSI2&3		Left Edge	10	38150	2610	1	MID	-0.11	0.057	23.95	24.50	1.135	0.065	/
	DSI2&3			10	37850	2580	50	LOW	-0.17	0.054	23.00	23.50	1.122	0.061	/
	DSI4		Top Edge	10	38150	2610	1	LOW	0.19	0.335	19.43	20.50	1.279	0.429	/
	DSI4			10	37850	2580	50	LOW	0.03	0.311	19.41	20.50	1.285	0.400	/
ANT1	DSI3&4	QPSK	Front Side	10	38150	2610	1	MID	0.07	0.080	18.41	19.50	1.285	0.103	/
	DSI3&4			10	37850	2580	50	MID	0.12	0.096	18.42	19.50	1.282	0.123	/
	DSI3&4		Back Side	10	38150	2610	1	MID	-0.07	0.111	18.41	19.50	1.285	0.142	/

	DSI3&4		Left Edge	10	37850	2580	50	MID	0.15	0.115	18.42	19.50	1.282	0.148	/	
	DSI3&4			10	38150	2610	1	MID	-0.04	0.061	18.41	19.50	1.285	0.078	/	
	DSI3&4				10	37850	2580	50	MID	-0.01	0.069	18.42	19.50	1.282	0.088	/
	DSI2		Right Edge	10	38150	2610	1	MID	-0.14	0.103	25.29	25.50	1.050	0.108	/	
	DSI2			10	37850	2580	50	MID	-0.19	0.133	24.26	24.50	1.057	0.141	/	
	DSI3&4		Bottom Edge	10	38150	2610	1	MID	-0.14	0.207	18.41	19.50	1.285	0.266	/	
	DSI3&4			10	37850	2580	50	MID	-0.08	0.172	18.42	19.50	1.282	0.220	/	
ANT2 (ENDC)	DSI2&3	ENDC	Front Side	10	38150	2610	1	LOW	-0.17	0.136	23.39	24.50	1.291	0.176	/	
	DSI2&3			10	37850	2580	50	MID	-0.03	0.108	22.89	24.00	1.291	0.139	/	
	DSI2&3		Back Side	10	38150	2610	1	LOW	-0.10	0.277	23.39	24.50	1.291	0.358	/	
	DSI2&3			10	37850	2580	50	MID	0.05	0.237	22.89	24.00	1.291	0.306	/	
	DSI2&3		Left Edge	10	38150	2610	1	LOW	0.19	0.607	23.39	24.50	1.291	0.784	36#	
	DSI2&3			10	37850	2580	50	MID	-0.03	0.558	22.89	24.00	1.291	0.720	/	
	DSI2&3		Top Edge	10	38150	2610	1	LOW	0.03	0.078	23.39	24.50	1.291	0.101	/	
	DSI2&3			10	37850	2580	50	MID	0.15	0.073	22.89	24.00	1.291	0.094	/	

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Specific															
ANT2 (ENDC)	DSI4	ENDC	Left Edge	0	38150	2610	1	HIGH	0.05	1.070	19.82	21.00	1.312	1.404	37#
	DSI4			0	37850	2580	50	MID	0.02	0.958	19.86	21.00	1.300	1.246	/

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



Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	38150	2610	1	Mid	0.16	0.267	23.95	24.50	1.135	0.303	/
	DSI2&3		Side	9	37850	2580	50	Low	-0.04	0.247	23.00	23.50	1.122	0.277	/
	DSI2&3		Back	15	38150	2610	1	Mid	-0.16	0.203	23.95	24.50	1.135	0.230	/
	DSI2&3		Side	15	37850	2580	50	Low	-0.02	0.188	23.00	23.50	1.122	0.211	/
	DSI2&3		Top	15	38150	2610	1	Mid	-0.08	0.264	23.95	24.50	1.135	0.300	/
	DSI2&3		Edge	15	37850	2580	50	Low	-0.04	0.244	23.00	23.50	1.122	0.274	/
ANT1	DSI2	QPSK	Front	9	38150	2610	1	Mid	0.00	0.416	25.29	25.50	1.050	0.437	/
	DSI2		Side	9	37850	2580	50	Mid	0.07	0.385	24.26	24.50	1.057	0.407	/
	DSI2		Back	15	38150	2610	1	Mid	0.10	0.307	25.29	25.50	1.050	0.322	/
	DSI2		Side	15	37850	2580	50	Mid	0.00	0.284	24.26	24.50	1.057	0.300	/
	DSI2		Bottom	15	38150	2610	1	Mid	-0.12	0.458	25.29	25.50	1.050	0.481	/
	DSI2		Edge	15	37850	2580	50	Mid	0.10	0.424	24.26	24.50	1.057	0.448	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	38150	2610	1	Mid	-0.14	0.271	25.29	25.50	1.050	0.284	/
	DSI2		Edge	5	37850	2580	50	Mid	0.03	0.251	24.26	24.50	1.057	0.265	/
ANT2	DSI2&3	QPSK	Front	5	38150	2610	1	Low	0.11	0.154	23.39	24.50	1.291	0.199	/
	DSI2&3		Side	5	37850	2580	50	Mid	-0.08	0.143	22.89	24.00	1.291	0.185	/
	DSI2&3		Back	5	38150	2610	1	Low	-0.17	0.443	23.39	24.50	1.291	0.572	/
	DSI2&3		Side	5	37850	2580	50	Mid	0.08	0.410	22.89	24.00	1.291	0.529	/
	DSI2&3		Left	5	38150	2610	1	Low	-0.14	0.705	23.39	24.50	1.291	0.910	/
	DSI2&3		Edge	5	37850	2580	50	Mid	0.18	0.653	22.89	24.00	1.291	0.843	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.17 LTE Band 38 Worse case for CA Test

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head-CA															
ANT1	DSI1	QPSK	Left Cheek	0	38150 +37952	2610 +2590.2	1+1	High +Low	0.04	0.116	23.55	25.50	1.567	0.182	43#
Body-worn&Hotspot-CA															
ANT1	DSI4	QPSK	Bottom Edge	10	37850 +38048	2580 +2599.8	1+1	High +Low	0.06	0.148	17.63	19.50	1.538	0.228	44#
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.18 LTE Band 41 (20MHz Bandwidth)

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head															
ANT4	DSI1	QPSK	Left Cheek	0	39750	2506	1	MID	-0.15	0.471	20.51	21.00	1.119	0.527	/
	DSI1			0	39750	2506	50	MID	-0.02	0.365	20.48	21.00	1.127	0.411	/
	DSI1		Left Tilt	0	39750	2506	1	MID	0.04	0.526	20.51	21.00	1.119	0.589	/
	DSI1			0	39750	2506	50	MID	0.06	0.429	20.48	21.00	1.127	0.484	/
	DSI1		Right Cheek	0	39750	2506	1	MID	-0.02	0.613	20.51	21.00	1.119	0.686	/
	DSI1			0	39750	2506	50	MID	0.19	0.496	20.48	21.00	1.127	0.559	/
	DSI1		Right Tilt	0	39750	2506	1	MID	0.05	0.759	20.51	21.00	1.119	0.850	38#
	DSI1			0	39750	2506	50	MID	0.00	0.721	20.48	21.00	1.127	0.813	/
	DSI1		Right Tilt	0	40185	2549.5	1	MID	0.12	0.711	20.27	21.00	1.183	0.841	/
	DSI1			0	40620	2593	1	MID	0.14	0.658	20.42	21.00	1.143	0.752	/
	DSI1			0	41055	2636.5	1	MID	0.15	0.634	20.27	21.00	1.183	0.750	/
	DSI1			0	41490	2680	1	MID	0.11	0.615	20.21	21.00	1.199	0.738	/
	DSI1			0	40185	2549.5	50	LOW	0.08	0.658	20.33	21.00	1.167	0.768	/
	DSI1			0	40620	2593	50	MID	-0.12	0.638	20.31	21.00	1.172	0.748	/
	DSI1			0	41055	2636.5	50	HIGH	0.01	0.682	20.42	21.00	1.143	0.779	/
	DSI1			0	41490	2680	50	HIGH	-0.08	0.616	20.28	21.00	1.180	0.727	/
	DSI1			0	39750	2506	100	LOW	0.08	0.690	20.31	21.00	1.172	0.809	/
	DSI1			ANT1	QPSK	Left Cheek	0	39750	2506	1	HIGH	0.08	0.303	25.37	25.50
DSI1	0	39750	2506				50	LOW	-0.07	0.238	24.46	24.50	1.009	0.240	/
DSI1	Left Tilt	0	39750			2506	1	HIGH	-0.13	0.109	25.37	25.50	1.030	0.112	/
DSI1		0	39750			2506	50	LOW	-0.13	0.097	24.46	24.50	1.009	0.098	/
DSI1	Right Cheek	0	39750			2506	1	HIGH	-0.13	0.136	25.37	25.50	1.030	0.140	/
DSI1		0	39750			2506	50	LOW	0.08	0.117	24.46	24.50	1.009	0.118	/
DSI1	Right Tilt	0	39750			2506	1	HIGH	0.18	0.110	25.37	25.50	1.030	0.113	/
DSI1		0	39750			2506	50	LOW	0.17	0.086	24.46	24.50	1.009	0.087	/
ANT2 (ENDC)	DSI1	QPSK	Left Cheek	0	39750	2506	1	MID	0.02	0.325	21.02	21.50	1.117	0.363	/
	DSI1			0	39750	2506	50	MID	-0.11	0.323	21.05	21.50	1.109	0.358	/
	DSI1		Left Tilt	0	39750	2506	1	MID	0.05	0.116	21.02	21.50	1.117	0.130	/
	DSI1			0	39750	2506	50	MID	0.15	0.125	21.05	21.50	1.109	0.139	/
	DSI1		Right Cheek	0	39750	2506	1	MID	-0.02	0.625	21.02	21.50	1.117	0.698	/
	DSI1			0	39750	2506	50	MID	0.12	0.573	21.05	21.50	1.109	0.636	/
	DSI1		Right Tilt	0	39750	2506	1	MID	-0.10	0.243	21.02	21.50	1.117	0.271	/
	DSI1			0	39750	2506	50	MID	0.12	0.212	21.05	21.50	1.109	0.235	/
Body-worn&Hotspot															
ANT4	DSI4	QPSK	Front Side	10	39750	2506	1	LOW	-0.02	0.096	19.85	20.50	1.161	0.112	/
	DSI4			10	39750	2506	50	LOW	0.05	0.082	19.79	20.50	1.178	0.097	/

	DSI4		Back Side	10	39750	2506	1	LOW	0.10	0.212	19.85	20.50	1.161	0.246	/
	DSI4			10	39750	2506	50	LOW	-0.01	0.177	19.79	20.50	1.178	0.208	/
	DSI2&3		Left Edge	10	39750	2506	1	HIGH	0.06	0.058	24.50	24.50	1.000	0.058	/
	DSI2&3			10	39750	2506	50	LOW	-0.03	0.049	23.26	23.50	1.057	0.052	/
	DSI4		Top Edge	10	39750	2506	1	LOW	-0.07	0.221	19.85	20.50	1.161	0.257	/
	DSI4			10	39750	2506	50	LOW	-0.05	0.201	19.79	20.50	1.178	0.237	/
ANT1	DSI3&4	QPSK	Front Side	10	39750	2506	1	HIGH	-0.05	0.120	17.96	19.00	1.271	0.152	/
	DSI3&4			10	39750	2506	50	HIGH	0.07	0.094	17.99	19.00	1.262	0.119	/
	DSI3&4		Back Side	10	39750	2506	1	HIGH	0.17	0.137	17.96	19.00	1.271	0.175	/
	DSI3&4			10	39750	2506	50	HIGH	0.13	0.111	17.99	19.00	1.262	0.140	/
	DSI3&4		Left Edge	10	39750	2506	1	HIGH	0.01	0.097	17.96	19.00	1.271	0.123	/
	DSI3&4			10	39750	2506	50	HIGH	0.17	0.078	17.99	19.00	1.262	0.098	/
	DSI2		Right Edge	10	39750	2506	1	HIGH	-0.01	0.155	25.37	25.50	1.030	0.160	/
	DSI2			10	39750	2506	50	LOW	0.05	0.132	24.46	24.50	1.009	0.133	/
	DSI3&4		Bottom Edge	10	39750	2506	1	HIGH	0.15	0.172	17.96	19.00	1.271	0.219	/
	DSI3&4			10	39750	2506	50	HIGH	0.11	0.142	17.99	19.00	1.262	0.179	/
ANT2 (ENDC)	DSI2&3	QPSK	Front Side	10	39750	2506	1	HIGH	-0.07	0.120	23.53	24.50	1.250	0.150	/
	DSI2&3			10	39750	2506	50	LOW	0.10	0.088	23.11	24.00	1.227	0.108	/
	DSI2&3		Back Side	10	39750	2506	1	HIGH	-0.15	0.271	23.53	24.50	1.250	0.339	/
	DSI2&3			10	39750	2506	50	LOW	0.05	0.206	23.02	24.00	1.253	0.258	/
	DSI2&3		Left Edge	10	39750	2506	1	HIGH	0.10	0.580	23.53	24.50	1.250	0.725	39#
	DSI2&3			10	39750	2506	50	LOW	0.01	0.565	23.02	24.00	1.253	0.708	/
	DSI2&3		Top Edge	10	39750	2506	1	HIGH	0.15	0.097	23.53	24.50	1.250	0.121	/
	DSI2&3			10	39750	2506	50	LOW	0.10	0.070	23.02	24.00	1.253	0.088	/

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

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Specific															
ANT2 (ENDC)	DSI4	QPSK	Left Edge	0	39750	2506	1	MID	0.06	1.130	19.99	21.00	1.262	1.426	40#
	DSI4			0	39750	2506	50	LOW	0.03	0.983	19.98	21.00	1.265	1.243	/

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

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	QPSK	Front	9	39750	2506	1	High	0.06	0.277	24.50	24.50	1.000	0.277	/
	DSI2&3		Side	9	39750	2506	50	Low	0.06	0.256	23.26	23.50	1.057	0.271	/
	DSI2&3		Back	15	39750	2506	1	High	-0.19	0.242	24.50	24.50	1.000	0.242	/
	DSI2&3		Side	15	39750	2506	50	Low	0.05	0.224	23.26	23.50	1.057	0.237	/
	DSI2&3		Top	15	39750	2506	1	High	0.02	0.299	24.50	24.50	1.000	0.299	/
	DSI2&3		Edge	15	39750	2506	50	Low	-0.04	0.277	23.26	23.50	1.057	0.293	/
ANT1	DSI2	QPSK	Front	9	39750	2506	1	High	-0.11	0.560	25.37	25.50	1.030	0.577	/
	DSI2		Side	9	39750	2506	50	Low	0.11	0.519	24.46	24.50	1.009	0.524	/
	DSI2		Back	15	39750	2506	1	High	0.15	0.440	25.37	25.50	1.030	0.453	/
	DSI2		Side	15	39750	2506	50	Low	0.11	0.407	24.46	24.50	1.009	0.411	/
	DSI2		Bottom	15	39750	2506	1	High	-0.15	0.690	25.37	25.50	1.030	0.711	/
	DSI2		Edge	15	39750	2506	50	Low	-0.03	0.610	24.46	24.50	1.009	0.616	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	DSI State	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 Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	QPSK	Left	5	39750	2506	1	High	-0.05	0.447	25.37	25.50	1.030	0.461	/
	DSI2		Edge	5	39750	2506	50	Low	0.09	0.427	24.46	24.50	1.009	0.431	/
ANT2	DSI2&3	QPSK	Front	5	39750	2506	1	High	-0.10	0.156	23.53	24.50	1.250	0.195	/
	DSI2&3		Side	5	39750	2506	50	Low	0.17	0.148	23.02	24.00	1.253	0.185	/
	DSI2&3		Back	5	39750	2506	1	High	-0.04	0.359	23.53	24.50	1.250	0.449	/
	DSI2&3		Side	5	39750	2506	50	Low	-0.07	0.343	23.02	24.00	1.253	0.430	/
	DSI2&3		Left	5	39750	2506	1	High	0.17	0.710	23.53	24.50	1.250	0.888	/
	DSI2&3		Edge	5	39750	2506	50	Low	0.15	0.658	23.02	24.00	1.253	0.825	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.19 n5 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT4	DSI1	DFT-s-OFDM BPSK	SA&NSA	Left Cheek	0	167300	836.5	1	1	-0.11	0.332	24.67	25.50	1.211	0.402	/
	DSI1				0	167300	836.5	50	28	0.13	0.375	24.62	25.50	1.225	0.459	/
	DSI1			Left Tilt	0	167300	836.5	1	1	-0.04	0.306	24.67	25.50	1.211	0.371	/
	DSI1				0	167300	836.5	50	28	-0.19	0.323	24.62	25.50	1.225	0.396	/
	DSI1			Right Cheek	0	167300	836.5	1	1	0.17	0.496	24.67	25.50	1.211	0.601	/
	DSI1				0	167300	836.5	50	28	-0.08	0.531	24.62	25.50	1.225	0.650	45#
	DSI1			Right Tilt	0	167300	836.5	1	1	0.07	0.332	24.67	25.50	1.211	0.402	/
	DSI1				0	167300	836.5	50	28	0.17	0.354	24.62	25.50	1.225	0.434	/
ANT1	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	167800	839	1	1	-0.11	0.098	24.68	25.50	1.208	0.118	/
	DSI1				0	167800	839	50	28	-0.06	0.085	24.47	25.50	1.268	0.108	/
	DSI1			Left Tilt	0	167800	839	1	1	0.12	0.066	24.68	25.50	1.208	0.080	/
	DSI1				0	167800	839	50	28	0.13	0.051	24.47	25.50	1.268	0.065	/
	DSI1			Right Cheek	0	167800	839	1	1	-0.01	0.122	24.68	25.50	1.208	0.147	/
	DSI1				0	167800	839	50	28	0.00	0.106	24.47	25.50	1.268	0.134	/
	DSI1			Right Tilt	0	167800	839	1	1	-0.14	0.074	24.68	25.50	1.208	0.089	/
	DSI1				0	167800	839	50	28	0.14	0.056	24.47	25.50	1.268	0.071	/
Body-worn&Hotspot																
ANT4	DSI4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	167300	836.5	1	1	0.05	0.155	24.67	25.50	1.211	0.188	/
	DSI4				10	167300	836.5	50	28	-0.01	0.152	24.62	25.50	1.225	0.186	/
	DSI4			Back Side	10	167300	836.5	1	1	0.04	0.216	24.67	25.50	1.211	0.262	/
	DSI4				10	167300	836.5	50	28	-0.03	0.232	24.62	25.50	1.225	0.284	46#
	DSI2&3			Left Edge	10	167300	836.5	1	1	0.01	0.092	24.67	25.50	1.211	0.111	/
	DSI2&3				10	167300	836.5	50	28	-0.05	0.088	24.62	25.50	1.225	0.108	/
	DSI4			Top Edge	10	167300	836.5	1	1	-0.19	0.165	24.67	25.50	1.211	0.200	/
	DSI4				10	167300	836.5	50	28	0.01	0.183	24.62	25.50	1.225	0.224	/
ANT1	DSI3&4	DFT-s-OFDM BPSK	SA	Front Side	10	167800	839	1	1	-0.09	0.116	24.68	25.50	1.208	0.140	/
	DSI3&4				10	167800	839	50	28	0.04	0.102	24.47	25.50	1.268	0.129	/
	DSI3&4			Back Side	10	167800	839	1	1	-0.07	0.134	24.68	25.50	1.208	0.162	/
	DSI3&4				10	167800	839	50	28	-0.17	0.125	24.47	25.50	1.268	0.159	/
	DSI3&4			Left Edge	10	167800	839	1	1	0.10	0.021	24.68	25.50	1.208	0.025	/
	DSI3&4				10	167800	839	50	28	0.08	0.016	24.47	25.50	1.268	0.020	/
	DSI2			Right Edge	10	167800	839	1	1	0.15	0.013	24.68	25.50	1.208	0.016	/
	DSI2				10	167800	839	50	28	0.18	0.011	24.47	25.50	1.268	0.014	/
	DSI3&4			Bottom Edge	10	167800	839	1	1	-0.01	0.216	24.68	25.50	1.208	0.261	/
	DSI3&4				10	167800	839	50	28	0.05	0.202	24.47	25.50	1.268	0.256	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	DFT-s-OFDM BPSK	Front	9	167300	836.5	1	1	0.04	0.146	24.67	25.50	1.211	0.177	/
	DSI2&3		Side	9	167300	836.5	50	28	-0.10	0.167	24.62	25.50	1.225	0.205	/
	DSI2&3		Back	15	167300	836.5	1	1	-0.06	0.110	24.67	25.50	1.211	0.133	/
	DSI2&3		Side	15	167300	836.5	50	28	-0.17	0.123	24.62	25.50	1.225	0.151	/
	DSI2&3		Top Edge	15	167300	836.5	1	1	0.05	0.086	24.67	25.50	1.211	0.104	/
	DSI2&3			15	167300	836.5	50	28	-0.01	0.105	24.62	25.50	1.225	0.129	/
ANT1	DSI2	DFT-s-OFDM BPSK	Front	9	167800	839	1	1	-0.04	0.066	24.68	25.50	1.208	0.080	/
	DSI2		Side	9	167800	839	50	28	-0.09	0.067	24.47	25.50	1.268	0.085	/
	DSI2		Back	15	167800	839	1	1	0.04	0.010	24.68	25.50	1.208	0.012	/
	DSI2		Side	15	167800	839	50	28	0.00	0.008	24.47	25.50	1.268	0.010	/
	DSI2		Bottom Edge	15	167800	839	1	1	0.15	0.248	24.68	25.50	1.208	0.300	/
	DSI2			15	167800	839	50	28	-0.13	0.264	24.47	25.50	1.268	0.335	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	DFT-s-OFDM BPSK	Left Edge	5	167800	839	1	1	0.02	0.015	24.68	25.50	1.208	0.018	/
	DSI2			5	167800	839	50	28	0.06	0.009	24.47	25.50	1.268	0.011	/

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

11.20 n7 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT4	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	507000	2535	1	1	-0.04	0.603	20.32	20.50	1.042	0.628	/
					0	507000	2535	135	68	0.04	0.622	20.18	20.50	1.076	0.669	/
				Left Tilt	0	507000	2535	1	1	0.02	0.721	20.32	20.50	1.042	0.751	/
					0	507000	2535	135	68	0.18	0.734	20.18	20.50	1.076	0.790	/
				Right Cheek	0	507000	2535	1	1	-0.16	0.821	20.32	20.50	1.042	0.855	/
					0	507000	2535	135	68	-0.08	0.833	20.18	20.50	1.076	0.896	/
				Right Tilt	0	507000	2535	1	1	-0.17	0.945	20.32	20.50	1.042	0.985	/
					0	507000	2535	135	68	0.06	0.990	20.18	20.50	1.076	1.065	47#
				Right Tilt	0	505000	2525	1	1	-0.08	0.921	20.27	20.50	1.054	0.971	/
					0	509000	2545	1	1	0.15	0.911	20.23	20.50	1.064	0.969	/
					0	505000	2525	135	68	0.13	0.923	20.14	20.50	1.086	1.002	/
					0	509000	2545	135	68	0.06	0.954	20.15	20.50	1.084	1.034	/
					0	507000	2535	270	0	0.01	0.906	20.30	20.50	1.047	0.949	/
				ANT1	DSI1	DFT-s-OFDM BPSK	SA&NSA	Left Cheek	0	507000	2535	135	1	-0.04	0.161	23.73
0	507000	2535	135						135	-0.18	0.163	23.55	25.50	1.567	0.255	/
Left Tilt	0	507000	2535					135	1	0.11	0.076	23.73	25.50	1.503	0.114	/
	0	507000	2535					135	135	0.05	0.076	23.55	25.50	1.567	0.119	/
Right Cheek	0	507000	2535					135	1	-0.04	0.122	23.73	25.50	1.503	0.183	/
	0	507000	2535					135	135	0.16	0.125	23.55	25.50	1.567	0.196	/
Right Tilt	0	507000	2535					135	1	0.15	0.156	23.73	25.50	1.503	0.234	/
	0	507000	2535					135	135	0.09	0.169	23.55	25.50	1.567	0.265	/
Head-Repeated SAR																
ANT4	DSI1	DFT-s-OFDM BPSK	SA	Right Tilt	0	507000	2535	135	68	0.03	0.975	20.18	20.50	1.076	1.049	/
Body-worn&Hotspot																
ANT4	DSI4	DFT-s-OFDM BPSK	SA	Front Side	10	507000	2535	1	1	-0.09	0.135	20.78	21.00	1.052	0.142	/
					10	507000	2535	135	68	-0.07	0.138	20.75	21.00	1.059	0.146	/
	DSI4			Back Side	10	507000	2535	1	1	0.07	0.311	20.78	21.00	1.052	0.327	/
					10	507000	2535	135	68	-0.01	0.325	20.75	21.00	1.059	0.344	/
	DSI2&3			Left Edge	10	507000	2535	1	1	0.12	0.068	24.35	25.50	1.303	0.089	/
					10	507000	2535	135	68	-0.13	0.065	23.92	25.50	1.439	0.094	/
	DSI4			Top Edge	10	507000	2535	1	1	0.19	0.421	20.78	21.00	1.052	0.443	/
					10	507000	2535	135	68	-0.15	0.437	20.75	21.00	1.059	0.463	/
ANT1	DSI3&4		SA&NSA	Front Side	10	507000	2535	1	1	-0.12	0.165	18.71	20.00	1.346	0.222	/
					10	507000	2535	135	68	0.05	0.172	18.77	20.00	1.327	0.228	/

	DSI3&4	DFT-s-OFDM BPSK		Back Side	10	507000	2535	1	1	0.03	0.234	18.71	20.00	1.346	0.315	/
	DSI3&4				10	507000	2535	135	68	-0.08	0.241	18.77	20.00	1.327	0.320	/
	DSI3&4			Left Edge	10	507000	2535	1	1	-0.06	0.089	18.71	20.00	1.346	0.120	/
	DSI3&4				10	507000	2535	135	68	-0.04	0.091	18.77	20.00	1.327	0.121	/
	DSI2			Right Edge	10	507000	2535	1	1	-0.13	0.211	23.73	25.50	1.503	0.317	/
	DSI2				10	507000	2535	135	68	-0.18	0.232	24.58	25.50	1.236	0.287	/
	DSI3&4			Bottom Edge	10	507000	2535	1	1	0.17	0.435	18.71	20.00	1.346	0.586	/
	DSI3&4				10	507000	2535	135	68	-0.03	0.443	18.77	20.00	1.327	0.588	48#

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

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT4	DSI4	DFT-s-OFDM BPSK	SA	Top Edge	0	507000	2535	1	1	0.03	1.350	20.78	21.00	1.052	1.420	/
	DSI4				0	507000	2535	135	68	0.07	1.400	20.75	21.00	1.059	1.483	/
ANT1	DSI3&4	DFT-s-OFDM BPSK	SA&NSA	Bottom Edge	0	507000	2535	1	1	-0.03	1.620	18.77	20.00	1.327	2.150	/
	DSI3&4				0	507000	2535	135	68	-0.01	1.650	18.77	20.00	1.327	2.190	49#
	DSI3&4				0	505000	2525	1	1	-0.15	1.510	18.63	20.00	1.371	2.070	/
	DSI3&4				0	509000	2545	1	1	0.02	1.530	18.58	20.00	1.387	2.122	/
	DSI3&4				0	505000	2525	135	68	-0.06	1.560	18.58	20.00	1.387	2.164	/
	DSI3&4				0	509000	2545	135	68	0.18	1.550	18.69	20.00	1.352	2.096	/
	DSI3&4				0	507000	25.5	270	0	-0.08	1.480	18.62	20.00	1.374	2.034	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	DFT-s-OFDM BPSK	Front	9	507000	2535	1	1	0.04	0.435	24.35	25.50	1.303	0.567	/
	DSI2&3		Side	9	507000	2535	135	68	-0.10	0.505	23.92	25.50	1.439	0.727	/
	DSI2&3		Back	15	507000	2535	1	1	-0.06	0.346	24.35	25.50	1.303	0.451	/
	DSI2&3		Side	15	507000	2535	135	68	-0.17	0.401	23.92	25.50	1.439	0.577	/
	DSI2&3		Top	15	507000	2535	1	1	0.05	0.409	24.35	25.50	1.303	0.533	/
	DSI2&3		Edge	15	507000	2535	135	68	-0.01	0.474	23.92	25.50	1.439	0.682	/
ANT1	DSI2	DFT-s-OFDM BPSK	Front	9	507000	2535	1	1	-0.04	0.505	23.73	25.50	1.503	0.759	/
	DSI2		Side	9	507000	2535	135	68	-0.09	0.614	24.58	25.50	1.236	0.759	/
	DSI2		Back	15	507000	2535	1	1	0.04	0.265	23.73	25.50	1.503	0.398	/
	DSI2		Side	15	507000	2535	135	68	0.00	0.339	24.58	25.50	1.236	0.419	/
	DSI2		Bottom	15	507000	2535	1	1	0.15	0.511	23.73	25.50	1.503	0.768	/
	DSI2		Edge	15	507000	2535	135	68	-0.13	0.594	24.58	25.50	1.236	0.734	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	DFT-s-OFDM BPSK	Left	5	507000	2535	1	1	-0.03	0.841	23.73	25.50	1.503	1.264	/
	DSI2		Edge	5	507000	2535	135	68	0.16	0.925	24.58	25.50	1.236	1.143	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.21 n66 (40MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT4	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	349000	1745	1	1	0.05	0.392	18.95	19.50	1.135	0.445	/
	DSI1				0	349000	1745	108	54	-0.06	0.401	18.87	19.50	1.156	0.464	/
	DSI1			Left Tilt	0	349000	1745	1	1	-0.19	0.511	18.95	19.50	1.135	0.580	/
	DSI1				0	349000	1745	108	54	0.19	0.523	18.87	19.50	1.156	0.605	/
	DSI1			Right Cheek	0	349000	1745	1	1	-0.14	0.626	18.95	19.50	1.135	0.711	/
	DSI1				0	349000	1745	108	54	0.06	0.604	18.87	19.50	1.156	0.698	/
	DSI1			Right Tilt	0	349000	1745	1	1	0.00	0.702	18.95	19.50	1.135	0.797	/
	DSI1				0	349000	1745	108	54	-0.02	0.720	18.87	19.50	1.156	0.832	50#
	DSI1			Right Tilt	0	346000	1730	108	54	0.15	0.675	18.62	19.50	1.225	0.827	/
	DSI1				0	350000	1750	108	54	-0.07	0.665	18.59	19.50	1.233	0.820	/
DSI1				0	349000	1745	216	0	0.12	0.683	18.95	19.50	1.135	0.775	/	
ANT1	DSI1	DFT-s-OFDM BPSK	SA&NSA	Left Cheek	0	349000	1745	1	1	-0.02	0.223	24.67	25.50	1.211	0.270	/
	DSI1				0	349000	1745	108	54	0.09	0.249	25.20	25.50	1.072	0.267	/
	DSI1			Left Tilt	0	349000	1745	1	1	0.17	0.104	24.67	25.50	1.211	0.126	/
	DSI1				0	349000	1745	108	54	0.05	0.124	25.20	25.50	1.072	0.133	/
	DSI1			Right Cheek	0	349000	1745	1	1	-0.03	0.132	24.67	25.50	1.211	0.160	/
	DSI1				0	349000	1745	108	54	-0.18	0.147	25.20	25.50	1.072	0.158	/
	DSI1			Right Tilt	0	349000	1745	1	1	0.14	0.092	24.67	25.50	1.211	0.111	/
	DSI1				0	349000	1745	108	54	-0.18	0.100	25.20	25.50	1.072	0.107	/
Body-worn&Hotspot																
ANT4	DSI4	DFT-s-OFDM BPSK	SA	Front Side	10	349000	1745	1	1	-0.08	0.113	19.82	20.50	1.169	0.132	/
	DSI4				10	349000	1745	108	54	0.00	0.116	19.87	20.50	1.156	0.134	/
	DSI4			Back Side	10	349000	1745	1	1	-0.06	0.302	19.82	20.50	1.169	0.353	/
	DSI2&3				10	349000	1745	108	54	0.10	0.306	19.87	20.50	1.156	0.354	/
	DSI2&3			Left Edge	10	349000	1745	1	1	0.15	0.052	23.22	24.50	1.343	0.070	/
	DSI4				10	349000	1745	108	54	0.00	0.054	23.27	24.50	1.327	0.072	/
	DSI4			Top Edge	10	349000	1745	1	1	0.18	0.356	19.82	20.50	1.169	0.416	/
	DSI4				10	349000	1745	108	54	-0.02	0.375	19.87	20.50	1.156	0.434	/
ANT1	DSI3&4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	349000	1745	1	1	-0.18	0.221	20.66	21.50	1.213	0.268	/
	DSI3&4				10	349000	1745	108	54	0.01	0.224	20.78	21.50	1.180	0.264	/
	DSI3&4			Back Side	10	349000	1745	1	1	0.09	0.434	20.66	21.50	1.213	0.526	/
	DSI3&4				10	349000	1745	108	54	0.19	0.445	20.78	21.50	1.180	0.525	/
	DSI3&4			Left Edge	10	349000	1745	1	1	-0.13	0.163	20.66	21.50	1.213	0.198	/
	DSI3&4				10	349000	1745	108	54	-0.13	0.168	20.78	21.50	1.180	0.198	/
	DSI2			Right Edge	10	349000	1745	1	108	0.17	0.083	25.40	25.50	1.023	0.085	/
	DSI2				10	349000	1745	108	54	-0.05	0.092	25.31	25.50	1.045	0.096	/

	DSI3&4			Bottom Edge	10	349000	1745	1	1	-0.04	0.647	20.66	21.50	1.213	0.785	/
	DSI3&4				10	349000	1745	108	54	-0.07	0.689	20.78	21.50	1.180	0.813	51#
	DSI3&4			Bottom Edge	10	346000	1730	108	54	0.14	0.652	20.57	21.50	1.239	0.808	/
	DSI3&4				10	352000	1760	108	54	0.05	0.638	20.66	21.50	1.213	0.774	/
	DSI3&4				10	349000	1745	216	0	-0.01	0.611	20.60	21.50	1.230	0.752	/

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

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas. SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT4	DSI4	DFT-s-OFDM BPSK	SA	Top Edge	0	349000	1745	1	1	0.11	1.160	19.82	20.50	1.169	1.356	/
	DSI4				0	349000	1745	108	54	0.18	1.270	19.87	20.50	1.156	1.468	52#
ANT1	DSI3&4	DFT-s-OFDM BPSK	SA&NSA	Back Side	0	349000	1745	1	1	0.01	0.572	20.66	21.50	1.213	0.694	/
	DSI3&4				0	349000	1745	108	54	0.06	0.618	20.78	21.50	1.180	0.729	/
	DSI3&4			Bottom Edge	0	349000	1745	1	1	-0.04	0.323	20.66	21.50	1.213	0.392	/
	DSI3&4				0	349000	1745	108	54	0.03	0.389	20.78	21.50	1.180	0.459	/
	DSI3&4				0	346000	1730	108	54	0.17	0.298	20.57	21.50	1.239	0.369	/
	DSI3&4				0	352000	1760	108	54	0.16	0.306	20.66	21.50	1.213	0.371	/
	DSI3&4				0	349000	1745	216	0	0.07	0.321	20.60	21.50	1.230	0.395	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	DFT-s-OFDM BPSK	Front	9	349000	1745	1	1	-0.06	0.384	23.22	24.50	1.343	0.516	/
	DSI2&3		Side	9	349000	1745	108	54	-0.17	0.445	23.27	24.50	1.327	0.591	/
	DSI2&3		Back	15	349000	1745	1	1	-0.07	0.366	23.22	24.50	1.343	0.492	/
	DSI2&3		Side	15	349000	1745	108	54	0.19	0.406	23.27	24.50	1.327	0.539	/
	DSI2&3		Top	15	349000	1745	1	1	0.10	0.466	23.22	24.50	1.343	0.626	/
	DSI2&3		Edge	15	349000	1745	108	54	0.10	0.517	23.27	24.50	1.327	0.686	/
ANT1	DSI2	DFT-s-OFDM BPSK	Front	9	349000	1745	1	108	0.07	0.482	25.40	25.50	1.023	0.493	/
	DSI2		Side	9	349000	1745	108	54	0.12	0.535	25.31	25.50	1.045	0.559	/
	DSI2		Back	15	349000	1745	1	108	0.13	0.412	25.40	25.50	1.023	0.421	/
	DSI2		Side	15	349000	1745	108	54	-0.10	0.457	25.31	25.50	1.045	0.478	/
	DSI2		Bottom	15	349000	1745	1	108	0.03	0.673	25.40	25.50	1.023	0.688	/
	DSI2		Edge	15	349000	1745	108	54	-0.02	0.747	25.31	25.50	1.045	0.781	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	DFT-s-OFDM	Left	5	349000	1745	1	1	0.04	0.290	25.40	25.50	1.023	0.297	/
	DSI2	BPSK	Edge	5	349000	1745	108	54	-0.08	0.322	25.31	25.50	1.045	0.336	/

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

11.22 n38 (40MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.				
Head																				
ANT4	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	519000	2595	1	1	0.01	0.722	18.48	18.50	1.005	0.726	/				
					0	519000	2595	50	28	0.19	0.734	18.37	18.50	1.030	0.756	/				
				Left Tilt	0	519000	2595	1	1	-0.19	0.823	18.48	18.50	1.005	0.827	/				
					0	519000	2595	50	28	0.08	0.711	18.37	18.50	1.030	0.732	/				
				Right Cheek	0	519000	2595	1	1	0.19	0.955	18.48	18.50	1.005	0.960	/				
					0	519000	2595	50	28	-0.09	0.943	18.37	18.50	1.030	0.971	/				
				Right Tilt	0	519000	2595	1	1	0.05	0.958	18.48	18.50	1.005	0.963	/				
					0	519000	2595	50	28	0.13	0.943	18.37	18.50	1.030	0.971	/				
				Right Tilt	0	518000	2590	1	1	-0.15	0.961	18.34	18.50	1.038	0.998	/				
					0	520000	2600	1	1	-0.19	0.969	18.23	18.50	1.064	1.031	/				
					0	518000	2590	50	28	0.12	0.987	18.23	18.50	1.064	1.050	53#				
					0	520000	2600	50	28	0.10	0.982	18.25	18.50	1.059	1.040	/				
				ANT1	DSI1	DFT-s-OFDM BPSK	SA&NSA	Left Cheek	0	519000	2595	1	1	-0.05	0.062	24.55	25.50	1.245	0.077	/
									0	519000	2595	50	28	-0.04	0.069	24.46	25.50	1.271	0.088	/
Left Tilt	0	519000	2595					1	1	-0.15	0.035	24.55	25.50	1.245	0.044	/				
	0	519000	2595					50	28	0.13	0.041	24.46	25.50	1.271	0.052	/				
Right Cheek	0	519000	2595					1	1	-0.13	0.044	24.55	25.50	1.245	0.055	/				
	0	519000	2595					50	28	-0.05	0.051	24.46	25.50	1.271	0.065	/				
Right Tilt	0	519000	2595					1	1	-0.03	0.071	24.55	25.50	1.245	0.088	/				
	0	519000	2595					50	28	-0.04	0.075	24.46	25.50	1.271	0.095	/				
ANT2	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	519000	2595	1	1	0.12	0.181	20.55	22.00	1.396	0.253	/				
					0	519000	2595	50	28	0.10	0.185	20.63	22.00	1.371	0.254	/				
				Left Tilt	0	519000	2595	1	1	0.02	0.077	20.55	22.00	1.396	0.107	/				
					0	519000	2595	50	28	0.06	0.081	20.63	22.00	1.371	0.111	/				
				Right Cheek	0	519000	2595	1	1	-0.06	0.622	20.55	22.00	1.396	0.868	/				
					0	519000	2595	50	28	-0.04	0.652	20.63	22.00	1.371	0.894	/				
				Right Tilt	0	519000	2595	1	1	-0.07	0.185	20.55	22.00	1.396	0.258	/				
					0	519000	2595	50	28	0.08	0.191	20.63	22.00	1.371	0.262	/				
				Right Cheek	0	520000	2600	1	1	-0.18	0.512	20.54	22.00	1.400	0.717	/				
					0	518000	2590	1	1	-0.05	0.506	20.52	22.00	1.406	0.711	/				
					0	520000	2600	50	28	-0.05	0.588	20.58	22.00	1.387	0.816	/				
					0	518000	2590	50	28	-0.10	0.567	20.45	22.00	1.429	0.810	/				
					0	519000	2595	100	0	-0.15	0.565	20.19	22.00	1.517	0.857	/				
					ANT5	DSI1		SA	Left Cheek	0	519000	2595	1	1	0.09	0.223	20.07	21.00	1.239	0.276
0	519000	2595	50	28						0.05	0.212	19.72	21.00	1.343	0.285	/				

	DSI1	DFT-s-OFDM BPSK		Left Tilt	0	519000	2595	1	1	-0.13	0.112	20.07	21.00	1.239	0.139	/
	DSI1				0	519000	2595	50	28	0.09	0.117	19.72	21.00	1.343	0.157	/
	DSI1			Right Cheek	0	519000	2595	1	1	-0.17	0.054	20.07	21.00	1.239	0.067	/
	DSI1				0	519000	2595	50	28	0.15	0.057	19.72	21.00	1.343	0.077	/
	DSI1			Right Tilt	0	519000	2595	1	1	-0.02	0.056	20.07	21.00	1.239	0.069	/
	DSI1				0	519000	2595	50	28	-0.17	0.053	19.72	21.00	1.343	0.071	/
Head-Repeated SAR																
ANT4	DSI1	DFT-s-OFDM BPSK	SA	Right Tilt	0	518000	2590	50	28	0.05	0.959	18.23	18.50	1.064	1.020	/
Body-worn&Hotspot																
ANT4	DSI4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	519000	2595	1	1	0.11	0.241	21.25	21.50	1.059	0.255	/
	DSI4				10	519000	2595	50	28	-0.06	0.226	21.34	21.50	1.038	0.235	/
	DSI4			Back Side	10	519000	2595	1	1	-0.05	0.506	21.25	21.50	1.059	0.536	/
	DSI4				10	519000	2595	50	28	-0.02	0.495	21.34	21.50	1.038	0.514	/
	DSI2&3			Left Edge	10	519000	2595	1	1	0.13	0.051	24.09	25.50	1.384	0.071	/
	DSI2&3				10	519000	2595	50	28	0.12	0.055	23.95	25.50	1.429	0.079	/
	DSI4			Top Edge	10	519000	2595	1	1	-0.07	0.691	21.25	21.50	1.059	0.732	/
	DSI4				10	519000	2595	50	28	0.08	0.656	21.34	21.50	1.038	0.681	/
ANT1	DSI3&4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	519000	2595	1	1	-0.18	0.155	18.43	19.00	1.140	0.177	/
	DSI3&4				10	519000	2595	50	28	0.17	0.153	18.46	19.00	1.132	0.173	/
	DSI3&4			Back Side	10	519000	2595	1	1	0.00	0.206	18.43	19.00	1.140	0.235	/
	DSI3&4				10	519000	2595	50	28	-0.14	0.212	18.46	19.00	1.132	0.240	/
	DSI3&4			Left Edge	10	519000	2595	1	1	-0.09	0.055	18.43	19.00	1.140	0.063	/
	DSI3&4				10	519000	2595	50	28	0.09	0.052	18.46	19.00	1.132	0.059	/
	DSI2			Right Edge	10	519000	2595	1	1	0.18	0.224	24.53	25.50	1.250	0.280	/
	DSI2				10	519000	2595	50	28	0.05	0.231	24.46	25.50	1.271	0.294	/
	DSI3&4			Bottom Edge	10	519000	2595	1	1	-0.03	0.323	18.43	19.00	1.140	0.368	/
	DSI3&4				10	519000	2595	50	28	-0.06	0.335	18.46	19.00	1.132	0.379	/
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA	Front Side	10	519000	2595	1	1	0.11	0.134	23.42	24.50	1.282	0.172	/
	DSI2&3				10	519000	2595	50	28	0.10	0.138	23.53	24.50	1.250	0.173	/
	DSI2&3			Back Side	10	519000	2595	1	1	0.09	0.275	23.42	24.50	1.282	0.353	/
	DSI2&3				10	519000	2595	50	28	-0.10	0.282	23.53	24.50	1.250	0.353	/
	DSI2&3			Left Edge	10	519000	2595	1	1	-0.09	0.597	23.42	24.50	1.282	0.765	/
	DSI2&3				10	519000	2595	50	28	-0.10	0.642	23.53	24.50	1.250	0.803	/
	DSI2&3			Top Edge	10	519000	2595	1	1	-0.07	0.062	23.42	24.50	1.282	0.079	/
	DSI2&3				10	519000	2595	50	28	-0.19	0.073	23.53	24.50	1.250	0.091	/
	DSI2&3			Left Edge	10	518000	2590	50	28	-0.06	0.644	23.42	24.50	1.282	0.826	/
	DSI2&3				10	520000	2600	50	28	-0.09	0.686	23.01	24.50	1.409	0.967	54#
	DSI2&3				10	519000	2595	100	0	-0.11	0.641	23.14	24.00	1.219	0.781	/
ANT5	DSI2&3&4	DFT-s-OFDM BPSK	SA	Front Side	10	519000	2595	1	1	-0.08	0.045	18.57	19.00	1.104	0.050	/
	DSI2&3&4				10	519000	2595	50	28	-0.09	0.046	18.22	19.00	1.197	0.055	/
	DSI2&3&4			Back Side	10	519000	2595	1	1	0.09	0.084	18.57	19.00	1.104	0.093	/

	DSI2&3&4			Right Edge	10	519000	2595	50	28	0.00	0.083	18.22	19.00	1.197	0.099	/
	DSI2&3&4				10	519000	2595	1	1	-0.19	0.073	18.57	19.00	1.104	0.081	/
	DSI2&3&4				10	519000	2595	50	28	-0.05	0.074	18.22	19.00	1.197	0.089	/
	DSI2&3&4				10	519000	2595	1	1	-0.12	0.045	18.57	19.00	1.104	0.050	/
	DSI2&3&4				10	519000	2595	50	28	0.13	0.044	18.22	19.00	1.197	0.053	/

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

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT4	DSI4	DFT-s-OFDM BPSK	SA&NSA	Back Side	0	519000	2595	1	1	0.16	1.710	21.25	21.50	1.059	1.811	/
	DSI4				0	519000	2595	50	28	-0.18	1.720	21.34	21.50	1.038	1.785	/
	DSI4			Top Edge	0	519000	2595	1	1	-0.06	2.370	21.25	21.50	1.059	2.510	55#
	DSI4				0	519000	2595	50	28	0.12	2.330	21.34	21.50	1.038	2.419	/
	DSI4				0	518000	2590	1	1	0.02	2.310	21.20	21.50	1.072	2.476	/
	DSI4				0	520000	2600	1	1	0.06	2.250	21.26	21.50	1.057	2.378	/
	DSI4				0	518000	2590	50	28	0.12	2.290	21.20	21.50	1.072	2.455	/
	DSI4				0	520000	2600	50	28	-0.10	2.090	21.30	21.50	1.047	2.188	/
	DSI4				0	519000	2595	100	0	0.02	2.300	21.29	21.50	1.050	2.415	/
	DSI4				0	518000	2590	100	0	0.08	2.250	21.10	21.50	1.096	2.466	/
	DSI4				0	520000	2600	100	0	0.00	2.160	21.11	21.50	1.094	2.363	/
	ANT1				DSI3&4	DFT-s-OFDM BPSK	SA&NSA	Bottom Edge	0	519000	2595	1	1	-0.08	1.220	18.43
DSI3&4		0	519000	2595	50				28	-0.01	1.250	18.46	19.00	1.132	1.415	/
ANT2	DSI4	DFT-s-OFDM BPSK	SA	Left Edge	0	519000	2595	1	1	0.01	2.050	20.14	20.50	1.086	2.226	/
	DSI4				0	519000	2595	50	28	0.08	2.100	20.22	20.50	1.067	2.241	/
	DSI4				0	518000	2590	50	28	-0.12	2.010	20.45	20.50	1.012	2.034	/
	DSI4				0	520000	2600	50	28	-0.12	1.910	20.38	20.50	1.028	1.963	/
	DSI4				0	519000	2595	100	0	0.05	1.850	20.57	20.50	0.984	1.820	/

Specific-Repeated SAR

ANT4	DSI4	DFT-s-OFDM BPSK	SA&NSA	Top Edge	0	519000	2595	1	1	0.02	2.310	21.25	21.50	1.059	2.446	/
ANT2	DSI4	DFT-s-OFDM BPSK	SA	Left Edge	0	519000	2595	50	28	0.13	2.030	20.22	20.50	1.067	2.166	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT4	DSI2&3	DFT-s-OFDM BPSK	Front Side	9	520000	2600	1	1	0.01	0.500	24.09	25.50	1.384	0.692	/
				9	518000	2590	50	0	0.06	0.545	23.95	25.50	1.429	0.779	/
	DSI2&3		Back Side	15	520000	2600	1	1	0.06	0.433	24.09	25.50	1.384	0.599	/
				15	518000	2590	50	0	-0.18	0.481	23.95	25.50	1.429	0.687	/
	DSI2&3		Top Edge	15	520000	2600	1	1	0.15	0.518	24.09	25.50	1.384	0.717	/
				15	518000	2590	50	0	-0.02	0.551	23.95	25.50	1.429	0.787	/
ANT1	DSI2	DFT-s-OFDM BPSK	Front Side	9	519000	2595	1	1	0.04	0.613	24.53	25.50	1.250	0.766	/
				9	519000	2595	50	28	-0.12	0.620	24.46	25.50	1.271	0.788	/
	DSI2		Back Side	15	519000	2595	1	1	-0.05	0.396	24.53	25.50	1.250	0.495	/
				15	519000	2595	50	28	0.08	0.440	24.46	25.50	1.271	0.559	/
	DSI2		Bottom	15	519000	2595	1	1	0.01	0.597	24.53	25.50	1.250	0.746	/
				15	519000	2595	50	28	-0.02	0.623	24.46	25.50	1.271	0.792	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	DFT-s-OFDM BPSK	Left Edge	5	519000	2595	1	1	-0.12	0.445	24.53	25.50	1.250	0.556	/
				5	519000	2595	50	28	-0.14	0.516	24.46	25.50	1.271	0.656	/
ANT2	DSI2&3	DFT-s-OFDM BPSK	Front Side	5	519000	2595	1	1	0.09	0.153	23.42	24.50	1.282	0.196	/
				5	519000	2595	50	28	-0.18	0.177	23.53	24.50	1.250	0.221	/
	DSI2&3		Back Side	5	519000	2595	1	1	0.19	0.421	23.42	24.50	1.282	0.540	/
				5	519000	2595	50	28	-0.04	0.488	23.53	24.50	1.250	0.610	/
	DSI2&3		Left Edge	5	519000	2595	1	1	0.15	0.676	23.42	24.50	1.282	0.867	/
				5	519000	2595	50	28	-0.05	0.784	23.53	24.50	1.250	0.980	/

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

11.23 n41 (100MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT4	DS11	DFT-s-OFDM BPSK	SA	Left Cheek	0	518598	2592.99	1	1	0.11	0.474	16.95	17.50	1.135	0.538	/
	DS11				0	518598	2592.99	135	69	-0.13	0.488	16.96	17.50	1.132	0.552	/
	DS11			Left Tilt	0	518598	2592.99	1	1	0.18	0.558	16.95	17.50	1.135	0.633	/
	DS11				0	518598	2592.99	135	69	-0.10	0.565	16.96	17.50	1.132	0.640	/
	DS11			Right Cheek	0	518598	2592.99	1	1	0.16	0.617	16.95	17.50	1.135	0.700	/
	DS11				0	518598	2592.99	135	69	0.17	0.622	16.96	17.50	1.132	0.704	/
	DS11			Right Tilt	0	518598	2592.99	1	1	0.01	0.728	16.95	17.50	1.135	0.826	/
	DS11				0	518598	2592.99	135	69	0.06	0.734	16.96	17.50	1.132	0.831	/
	DS11			Right Tilt	0	509202	2546.01	1	1	0.00	0.755	16.79	17.50	1.178	0.889	/
	DS11				0	513900	2569.5	1	1	0.02	0.763	16.92	17.50	1.143	0.872	/
	DS11				0	523302	2616.51	1	1	0.19	0.756	16.94	17.50	1.138	0.860	/
	DS11				0	528000	2640	1	1	0.16	0.803	16.79	17.50	1.178	0.946	/
	DS11				0	509202	2546.01	135	69	-0.12	0.833	16.94	17.50	1.138	0.948	56#
	DS11				0	513900	2569.5	135	69	0.10	0.811	16.93	17.50	1.140	0.925	/
	DS11				0	523302	2616.51	135	69	-0.04	0.806	16.86	17.50	1.159	0.934	/
	DS11				0	528000	2640	135	69	0.16	0.765	16.82	17.50	1.169	0.894	/
	DS11			0	518598	2592.99	270	0	-0.14	0.732	16.84	17.50	1.164	0.852	/	
	ANT1			DS11	DFT-s-OFDM BPSK	SA&NSA	Left Cheek	0	518598	2592.99	1	1	0.07	0.171	24.65	25.50
DS11		0	518598	2592.99				135	0	0.16	0.186	25.32	25.50	1.042	0.194	/
DS11		Left Tilt	0	518598			2592.99	1	1	0.16	0.075	24.65	25.50	1.216	0.091	/
DS11			0	518598			2592.99	135	0	-0.12	0.093	25.32	25.50	1.042	0.097	/
DS11		Right Cheek	0	518598			2592.99	1	1	0.14	0.100	24.65	25.50	1.216	0.122	/
DS11			0	518598			2592.99	135	0	0.08	0.102	25.32	25.50	1.042	0.106	/
DS11		Right Tilt	0	518598			2592.99	1	1	-0.04	0.173	24.65	25.50	1.216	0.210	/
DS11			0	518598			2592.99	135	0	-0.05	0.187	25.32	25.50	1.042	0.195	/
ANT2	DS11	DFT-s-OFDM BPSK	SA	Left Cheek	0	523302	2616.51	1	1	0.08	0.136	21.04	22.00	1.247	0.170	/
	DS11				0	523302	2616.51	135	69	-0.01	0.131	21.04	22.00	1.247	0.163	/
	DS11			Left Tilt	0	523302	2616.51	1	1	-0.18	0.058	21.04	22.00	1.247	0.072	/
	DS11				0	523302	2616.51	135	69	0.19	0.052	21.04	22.00	1.247	0.065	/
	DS11			Right Cheek	0	523302	2616.51	1	1	-0.12	0.632	21.04	22.00	1.247	0.788	/
	DS11				0	523302	2616.51	135	69	0.07	0.645	21.04	22.00	1.247	0.804	/
	DS11			Right Tilt	0	523302	2616.51	1	1	-0.15	0.182	21.04	22.00	1.247	0.227	/
	DS11				0	523302	2616.51	135	69	-0.02	0.175	21.04	22.00	1.247	0.218	/
	DS11			Right Cheek	0	509202	2546.01	135	69	0.14	0.746	21.00	22.00	1.259	0.939	/
	DS11				0	513900	2569.5	135	69	-0.14	0.712	20.96	22.00	1.271	0.905	/
	DS11				0	518598	2592.99	135	69	0.15	0.706	20.97	22.00	1.268	0.895	/

	DSI1				0	528000	2640	135	69	0.13	0.685	20.68	22.00	1.355	0.928	/
	DSI1				0	518598	2592.99	270	0	-0.11	0.634	20.57	22.00	1.390	0.881	/
ANT5	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	518598	2592.99	1	1	-0.14	0.206	20.33	21.00	1.167	0.240	/
	0				518598	2592.99	135	69	0.05	0.213	19.74	21.00	1.337	0.285	/	
	DSI1			Left Tilt	0	518598	2592.99	1	1	0.17	0.108	20.33	21.00	1.167	0.126	/
					0	518598	2592.99	135	69	0.07	0.113	19.74	21.00	1.337	0.151	/
	DSI1			Right Cheek	0	518598	2592.99	1	1	0.02	0.056	20.33	21.00	1.167	0.065	/
					0	518598	2592.99	135	69	0.15	0.055	19.74	21.00	1.337	0.074	/
	DSI1			Right Tilt	0	518598	2592.99	1	1	-0.08	0.048	20.33	21.00	1.167	0.056	/
					0	518598	2592.99	135	69	-0.08	0.050	19.74	21.00	1.337	0.067	/
	Head-Repeated SAR															
ANT4	DSI1	DFT-s-OFDM BPSK	SA	Right Tilt	0	509202	2546.01	135	69	0.03	0.817	16.94	17.50	1.138	0.930	/
Body-worn&Hotspot																
ANT4	DSI4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	528000	2640	1	1	0.04	0.132	19.24	19.50	1.062	0.140	/
	10				528000	2640	135	0	-0.19	0.121	19.26	19.50	1.057	0.128	/	
	DSI4			Back Side	10	528000	2640	1	1	0.09	0.285	19.24	19.50	1.062	0.303	/
					10	528000	2640	135	0	-0.10	0.279	19.26	19.50	1.057	0.295	/
	DSI2&3			Left Edge	10	518598	2592.99	1	1	0.05	0.031	24.05	25.50	1.396	0.043	/
					10	518598	2592.99	135	0	-0.02	0.032	23.95	25.50	1.429	0.046	/
	DSI4			Top Edge	10	528000	2640	1	1	-0.06	0.374	19.24	19.50	1.062	0.397	/
					10	528000	2640	135	0	0.03	0.394	19.26	19.50	1.057	0.416	/
ANT1	DSI3&4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	518598	2592.99	1	1	-0.10	0.178	18.48	19.00	1.127	0.201	/
					10	518598	2592.99	135	69	0.07	0.178	18.43	19.00	1.140	0.203	/
	DSI3&4			Back Side	10	518598	2592.99	1	1	0.13	0.175	18.48	19.00	1.127	0.197	/
					10	518598	2592.99	135	69	-0.06	0.228	18.43	19.00	1.140	0.260	/
	DSI3&4			Left Edge	10	518598	2592.99	1	1	0.07	0.053	18.48	19.00	1.127	0.060	/
					10	518598	2592.99	135	69	-0.04	0.068	18.43	19.00	1.140	0.078	/
	DSI2			Right Edge	10	518598	2592.99	1	1	-0.16	0.046	24.64	25.50	1.219	0.056	/
					10	518598	2592.99	135	69	-0.19	0.062	25.24	25.50	1.062	0.066	/
	DSI3&4			Bottom Edge	10	518598	2592.99	1	1	0.03	0.281	18.48	19.00	1.127	0.317	/
					10	518598	2592.99	135	69	0.17	0.274	18.43	19.00	1.140	0.312	/
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA	Front Side	10	518598	2592.99	1	1	-0.07	0.156	23.64	24.50	1.219	0.190	/
					10	518598	2592.99	135	69	0.02	0.155	23.64	24.50	1.219	0.189	/
	DSI2&3			Back Side	10	518598	2592.99	1	1	-0.15	0.354	23.64	24.50	1.219	0.432	/
					10	518598	2592.99	135	69	0.10	0.342	23.64	24.50	1.219	0.417	/
	DSI2&3			Left Edge	10	518598	2592.99	1	1	-0.15	0.633	23.64	24.50	1.219	0.772	/
					10	518598	2592.99	135	69	-0.19	0.642	23.64	24.50	1.219	0.783	/
	DSI2&3			Top Edge	10	518598	2592.99	1	1	-0.02	0.064	23.64	24.50	1.219	0.078	/
					10	518598	2592.99	135	69	-0.02	0.078	23.64	24.50	1.219	0.095	/
	DSI2&3			Left Edge	10	509202	2546.01	1	1	-0.18	0.676	23.48	24.50	1.265	0.855	/
					10	513900	2569.5	1	1	0.03	0.688	23.55	24.50	1.245	0.857	/

	DSI2&3				10	523302	2616.51	1	1	0.08	0.653	23.51	24.50	1.256	0.820	/
	DSI2&3				10	528000	2640	1	1	0.13	0.701	23.63	24.50	1.222	0.857	/
	DSI2&3				10	509202	2546.01	135	69	-0.14	0.715	23.62	24.50	1.225	0.876	57#
	DSI2&3				10	513900	2569.5	135	69	0.04	0.647	23.56	24.50	1.242	0.804	/
	DSI2&3				10	523302	2616.51	135	69	0.00	0.613	23.62	24.50	1.225	0.751	/
	DSI2&3				10	528000	2640	135	69	0.07	0.645	23.59	24.50	1.233	0.795	/
	DSI2&3				10	518598	2592.99	270	0	0.06	0.656	23.18	24.00	1.208	0.792	/
ANT5	DSI2&3&4	DFT-s-OFDM BPSK	SA	Front Side	10	518598	2592.99	1	1	-0.09	0.044	18.53	19.00	1.114	0.049	/
	10				518598	2592.99	135	69	-0.09	0.043	18.74	19.00	1.062	0.046	/	
	DSI2&3&4			Back Side	10	518598	2592.99	1	1	-0.09	0.080	18.53	19.00	1.114	0.089	/
	DSI2&3&4				10	518598	2592.99	135	69	-0.09	0.078	18.74	19.00	1.062	0.083	/
	DSI2&3&4			Right Edge	10	518598	2592.99	1	1	-0.09	0.063	18.53	19.00	1.114	0.070	/
	DSI2&3&4				10	518598	2592.99	135	69	-0.09	0.066	18.74	19.00	1.062	0.070	/
	DSI2&3&4			Top Edge	10	518598	2592.99	1	1	-0.09	0.006	18.53	19.00	1.114	0.007	/
	DSI2&3&4				10	518598	2592.99	135	69	-0.09	0.005	18.74	19.00	1.062	0.005	/

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

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT4	DSI4	DFT-s-OFDM BPSK	SA&NSA	Back Side	0	528000	2640	1	1	0.11	0.957	19.24	19.50	1.062	1.016	/
	DSI4				0	528000	2640	135	0	0.07	0.959	19.26	19.50	1.057	1.014	/
	DSI4			Top Edge	0	528000	2640	1	1	0.07	1.890	19.24	19.50	1.062	2.007	/
	DSI4				0	528000	2640	135	0	0.07	1.900	19.26	19.50	1.057	2.008	/
	DSI4				0	509202	2546.01	1	137	0.00	1.680	18.80	19.50	1.175	1.974	/
	DSI4				0	513900	2569.5	1	271	-0.02	1.730	18.98	19.50	1.127	1.950	/
	DSI4				0	518598	2616.51	1	137	0.15	1.550	19.15	19.50	1.084	1.680	/
	DSI4				0	523302	2640	1	1	0.03	1.380	19.13	19.50	1.089	1.503	/
	DSI4				0	509202	2546.01	135	69	0.18	1.850	19.01	19.50	1.119	2.070	/
	DSI4				0	513900	2569.5	135	0	0.05	1.540	19.05	19.50	1.109	1.708	/
	DSI4				0	518598	2616.51	135	0	0.13	1.340	19.08	19.50	1.102	1.477	/
	DSI4				0	523302	2640	135	69	-0.13	1.750	19.02	19.50	1.117	1.955	/
	DSI4				0	528000	2640	270	0	-0.17	1.680	19.24	19.50	1.062	1.784	/
	ANT1				DSI3&4	DFT-s-OFDM BPSK	SA&NSA	Bottom Edge	0	518598	2592.99	1	1	0.16	0.980	18.48
DSI3&4		0	518598	2592.99	135				69	-0.14	0.956	18.43	19.00	1.140	1.090	/
ANT2	DSI4	DFT-s-OFDM BPSK	SA	Left Edge	0	523302	2616.51	1	1	0.13	2.020	20.31	20.50	1.045	2.111	/
	DSI4				0	518598	2592.99	135	69	0.13	2.100	20.21	20.50	1.069	2.245	58#
	DSI4				0	509202	2546.01	1	271	0.09	1.500	19.97	20.50	1.130	1.695	/
	DSI4				0	513900	2569.5	1	271	0.16	1.610	20.20	20.50	1.072	1.726	/
	DSI4				0	528598	2592.99	1	1	0.10	1.400	20.18	20.50	1.076	1.506	/
	DSI4				0	528000	2640	1	1	0.02	1.380	19.79	20.50	1.178	1.626	/

	DSI4				0	509202	2546.01	135	69	0.07	1.660	20.13	20.50	1.089	1.808	/
	DSI4				0	513900	2569.5	135	69	0.06	1.720	19.91	20.50	1.146	1.971	/
	DSI4				0	523302	2616.51	135	69	-0.18	1.600	20.17	20.50	1.079	1.726	/
	DSI4				0	528000	2640	135	69	-0.14	1.540	20.09	20.50	1.099	1.692	/
	DSI4				0	513900	2569.5	270	0	0.10	1.770	19.75	20.50	1.189	2.105	/

Specific-Repeated SAR

ANT2	DSI4	DFT-s-OFDM BPSK	SA	Left Edge	0	518598	2592.99	135	69	0.01	2.050	20.21	20.50	1.069	2.191	/
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Note: Refer to ANNEX C for the detailed test data for each test configuration.

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
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Sensor-1

ANT4	DSI2&3	DFT-s-OFDM BPSK	Front	9	518598	2592.99	1	1	0.17	0.365	24.05	25.50	1.396	0.510	/
	DSI2&3		Side	9	518598	2592.99	135	0	-0.12	0.423	23.95	25.50	1.429	0.604	/
	DSI2&3		Back	15	518598	2592.99	1	1	-0.08	0.308	24.05	25.50	1.396	0.430	/
	DSI2&3		Side	15	518598	2592.99	135	0	0.00	0.357	23.95	25.50	1.429	0.510	/
	DSI2&3		Top Edge	15	518598	2592.99	1	1	0.09	0.437	24.05	25.50	1.396	0.610	/
	DSI2&3			15	518598	2592.99	135	0	-0.12	0.507	23.95	25.50	1.429	0.725	/
ANT1	DSI2	DFT-s-OFDM BPSK	Front	9	518598	2592.99	1	1	-0.09	0.627	24.64	25.50	1.219	0.764	/
	DSI2		Side	9	518598	2592.99	135	69	0.15	0.727	25.24	25.50	1.062	0.772	/
	DSI2		Back	15	518598	2592.99	1	1	-0.04	0.407	24.64	25.50	1.219	0.496	/
	DSI2		Side	15	518598	2592.99	135	69	0.06	0.472	25.24	25.50	1.062	0.501	/
	DSI2		Bottom Edge	15	518598	2592.99	1	1	-0.12	0.635	24.64	25.50	1.219	0.774	/
	DSI2			15	518598	2592.99	135	69	0.06	0.741	25.24	25.50	1.062	0.787	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT1	DSI2	DFT-s-OFDM	Left Edge	5	518598	2592.99	1	1	0.03	0.218	24.64	25.50	1.219	0.266	/
	DSI2			BPSK	5	518598	2592.99	135	69	0.16	0.235	25.24	25.50	1.062	0.250
ANT2	DSI2&3	DFT-s-OFDM	Front	5	518598	2592.99	1	1	-0.15	0.197	23.64	24.50	1.219	0.240	/
	DSI2&3		Side	5	518598	2592.99	135	69	-0.12	0.213	23.64	24.50	1.219	0.260	/
	DSI2&3		Back	5	518598	2592.99	1	1	-0.03	0.500	23.64	24.50	1.219	0.610	/
	DSI2&3		Side	5	518598	2592.99	135	69	-0.16	0.540	23.64	24.50	1.219	0.658	/
	DSI2&3		Left Edge	5	518598	2592.99	1	1	0.10	0.860	23.64	24.50	1.219	1.048	/
	DSI2&3			5	518598	2592.99	135	69	-0.05	0.929	23.64	24.50	1.219	1.132	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.24 n77 3450-3550MHz (100MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT3	DS11	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	0.09	0.485	17.95	18.50	1.135	0.550	/
					0	633334	3500.01	135	69	0.07	0.502	17.99	18.50	1.125	0.565	/
	DS11			Left Tilt	0	633334	3500.01	1	1	-0.05	0.623	17.95	18.50	1.135	0.707	/
					0	633334	3500.01	135	69	-0.12	0.658	17.99	18.50	1.125	0.740	/
	DS11			Right Cheek	0	633334	3500.01	1	1	0.01	0.406	17.95	18.50	1.135	0.461	/
					0	633334	3500.01	135	69	0.08	0.418	17.99	18.50	1.125	0.470	/
	DS11			Right Tilt	0	633334	3500.01	1	1	-0.08	0.432	17.95	18.50	1.135	0.490	/
					0	633334	3500.01	135	69	-0.11	0.441	17.99	18.50	1.125	0.496	/
ANT6	DS11	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	-0.01	0.441	16.12	16.50	1.091	0.481	/
					0	633334	3500.01	135	69	0.05	0.456	16.07	16.50	1.104	0.503	/
	DS11			Left Tilt	0	633334	3500.01	1	1	0.02	0.065	16.12	16.50	1.091	0.071	/
					0	633334	3500.01	135	69	0.08	0.071	16.07	16.50	1.104	0.078	/
	DS11			Right Cheek	0	633334	3500.01	1	1	-0.08	0.172	16.12	16.50	1.091	0.188	/
					0	633334	3500.01	135	69	0.09	0.181	16.07	16.50	1.104	0.200	/
	DS11			Right Tilt	0	633334	3500.01	1	1	-0.04	0.155	16.12	16.50	1.091	0.169	/
					0	633334	3500.01	135	69	-0.08	0.163	16.07	16.50	1.104	0.180	/
ANT2	DS11	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	-0.11	0.141	19.00	19.50	1.122	0.158	/
					0	633334	3500.01	135	69	-0.09	0.146	19.20	19.50	1.072	0.157	/
	DS11			Left Tilt	0	633334	3500.01	1	1	0.04	0.065	19.00	19.50	1.122	0.073	/
					0	633334	3500.01	135	69	-0.12	0.068	19.20	19.50	1.072	0.073	/
	DS11			Right Cheek	0	633334	3500.01	1	1	-0.12	0.571	19.00	19.50	1.122	0.641	/
					0	633334	3500.01	135	69	0.12	0.599	19.20	19.50	1.072	0.642	/
	DS11			Right Tilt	0	633334	3500.01	1	1	0.14	0.193	19.00	19.50	1.122	0.217	/
					0	633334	3500.01	135	69	0.09	0.201	19.20	19.50	1.072	0.215	/
ANT5	DS11	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	-0.07	0.714	18.54	19.00	1.112	0.794	/
					0	633334	3500.01	135	69	0.16	0.721	18.42	19.00	1.143	0.824	59#
	DS11			Left Tilt	0	633334	3500.01	1	1	-0.05	0.523	18.54	19.00	1.112	0.582	/
					0	633334	3500.01	135	69	0.13	0.554	18.42	19.00	1.143	0.633	/
	DS11			Right Cheek	0	633334	3500.01	1	1	-0.10	0.256	18.54	19.00	1.112	0.285	/
					0	633334	3500.01	135	69	-0.04	0.249	18.42	19.00	1.143	0.285	/
	DS11			Right Tilt	0	633334	3500.01	1	1	-0.02	0.211	18.54	19.00	1.112	0.235	/
					0	633334	3500.01	135	69	0.15	0.206	18.42	19.00	1.143	0.235	/
Body-worn&Hotspot																
ANT3	DS14	DFT-s-OFDM	SA	Front Side	10	633334	3500.01	1	1	0.01	0.172	20.82	21.50	1.169	0.201	/
	DS14				10	633334	3500.01	135	69	0.18	0.225	20.88	21.50	1.153	0.259	/
	DS14	BPSK		Back Side	10	633334	3500.01	1	1	-0.11	0.383	20.82	21.50	1.169	0.448	/

	DSI4			Top Edge	10	633334	3500.01	135	69	-0.11	0.485	20.88	21.50	1.153	0.559	/
	DSI4				10	633334	3500.01	1	1	0.01	0.302	20.82	21.50	1.169	0.353	/
	DSI4				10	633334	3500.01	135	69	0.15	0.356	20.88	21.50	1.153	0.410	/
ANT6	DSI2&3&4	DFT-s-OFDM BPSK	SA	Front Side	10	633334	3500.01	1	1	0.13	0.165	20.27	21.00	1.183	0.195	/
	DSI2&3&4				10	633334	3500.01	135	69	0.06	0.171	20.35	21.00	1.161	0.199	/
	DSI2&3&4			Back Side	10	633334	3500.01	1	1	0.15	0.388	20.27	21.00	1.183	0.459	/
					10	633334	3500.01	135	69	-0.09	0.385	20.35	21.00	1.161	0.447	/
	DSI2&3&4			Right Edge	10	633334	3500.01	1	1	-0.16	0.606	20.27	21.00	1.183	0.717	/
					10	633334	3500.01	135	69	-0.07	0.627	20.35	21.00	1.161	0.728	/
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA	Front Side	10	633334	3500.01	1	1	-0.14	0.174	22.90	23.50	1.148	0.200	/
	DSI2&3				10	633334	3500.01	135	69	-0.11	0.183	22.86	23.50	1.159	0.212	/
	DSI2&3			Back Side	10	633334	3500.01	1	1	0.08	0.454	22.90	23.50	1.148	0.521	/
					10	633334	3500.01	135	69	0.03	0.473	22.86	23.50	1.159	0.548	/
	DSI2&3			Left Edge	10	633334	3500.01	1	1	0.16	0.665	22.90	23.50	1.148	0.763	/
					10	633334	3500.01	135	69	0.08	0.779	22.86	23.50	1.159	0.903	60#
	DSI2&3			Top Edge	10	633334	3500.01	1	1	0.00	0.150	22.90	23.50	1.148	0.172	/
					10	633334	3500.01	135	69	0.00	0.201	22.86	23.50	1.159	0.233	/
ANT5	DSI2&3&4	DFT-s-OFDM BPSK	SA	Front Side	10	633334	3500.01	1	1	-0.02	0.175	19.57	20.50	1.239	0.217	/
	DSI2&3&4				10	633334	3500.01	135	69	0.05	0.178	19.86	20.50	1.159	0.206	/
	DSI2&3&4			Back Side	10	633334	3500.01	1	1	0.17	0.288	19.57	20.50	1.239	0.357	/
					10	633334	3500.01	135	69	0.16	0.283	19.86	20.50	1.159	0.328	/
	DSI2&3&4			Right Edge	10	633334	3500.01	1	1	0.18	0.365	19.57	20.50	1.239	0.452	/
					10	633334	3500.01	135	69	0.09	0.399	19.86	20.50	1.159	0.462	/
	DSI2&3&4			Top Edge	10	633334	3500.01	1	1	-0.13	0.184	19.57	20.50	1.239	0.228	/
					10	633334	3500.01	135	69	-0.09	0.192	19.86	20.50	1.159	0.223	/

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

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT3	DSI4	DFT-s-OFDM	SA	Back Side	0	633334	3500.01	135	69	-0.09	1.190	20.88	21.50	1.153	1.372	/
	DSI4				0	633334	3500.01	1	1	-0.11	1.160	20.82	21.50	1.169	1.356	/
	DSI4	BPSK		Top Edge	0	633334	3500.01	1	1	0.06	1.140	20.82	21.50	1.169	1.333	/
	DSI4				0	633334	3500.01	135	69	0.05	1.510	20.88	21.50	1.153	1.741	/
ANT6	DSI2&3&4	DFT-s-OFDM	SA	Back Side	0	633334	3500.01	1	1	0.11	0.506	20.27	21.00	1.183	0.599	/
	DSI2&3&4				0	633334	3500.01	135	69	-0.16	0.552	20.35	21.00	1.161	0.641	/
	DSI2&3&4	BPSK		Right Edge	0	633334	3500.01	135	69	-0.02	1.990	20.35	21.00	1.161	2.310	61#
	DSI2&3&4				0	633334	3500.01	1	1	0.10	1.950	20.27	21.00	1.183	2.307	/
ANT2	DSI4	DFT-s-OFDM	SA	Back Side	0	633334	3500.01	1	137	0.11	0.523	20.46	21.00	1.132	0.592	/
	DSI4				0	633334	3500.01	135	138	-0.09	0.556	20.47	21.00	1.130	0.628	/
	DSI4	BPSK		Left Edge	0	633334	3500.01	1	1	-0.01	1.510	20.46	21.00	1.132	1.709	/
	DSI4				0	633334	3500.01	135	138	-0.15	1.660	20.47	21.00	1.130	1.876	/
ANT5	DSI2&3&4	DFT-s-OFDM	SA	Back Side	0	633334	3500.01	1	1	-0.10	0.360	19.57	20.50	1.239	0.446	/
	DSI2&3&4				0	633334	3500.01	135	69	-0.10	0.404	19.86	20.50	1.159	0.468	/
	DSI2&3&4	BPSK		Right Edge	0	633334	3500.01	1	1	-0.06	1.680	19.57	20.50	1.239	2.082	/
	DSI2&3&4				0	633334	3500.01	135	69	0.09	1.820	19.86	20.50	1.159	2.109	/

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



Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT3	DSI2&3	DFT-s-OFDM BPSK	Front	9	633334	3500.01	1	1	0.06	0.431	25.34	27.00	1.466	0.632	/
	DSI2&3		Side	9	633334	3500.01	135	69	-0.01	0.511	25.36	27.00	1.459	0.746	/
	DSI2&3		Back	15	633334	3500.01	1	1	-0.15	0.543	25.34	27.00	1.466	0.796	/
	DSI2&3		Side	15	633334	3500.01	135	69	-0.10	0.503	25.36	27.00	1.459	0.734	/
	DSI2&3		Top	15	633334	3500.01	1	1	-0.12	0.480	25.34	27.00	1.466	0.704	/
	DSI2&3		Edge	15	633334	3500.01	135	69	0.18	0.407	25.36	27.00	1.459	0.594	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT2	DSI2&3	DFT-s-OFDM BPSK	Front	5	633334	3500.01	1	1	0.18	0.242	22.90	23.50	1.148	0.278	/
	DSI2&3		Side	5	633334	3500.01	135	69	-0.11	0.357	22.86	23.50	1.159	0.414	/
	DSI2&3		Back	5	633334	3500.01	1	1	-0.14	0.638	22.90	23.50	1.148	0.732	/
	DSI2&3		Side	5	633334	3500.01	135	69	-0.09	0.740	22.86	23.50	1.159	0.858	/
	DSI2&3		Left	5	633334	3500.01	1	1	0.05	0.854	22.90	23.50	1.148	0.980	/
	DSI2&3		Edge	5	633334	3500.01	135	69	-0.18	0.991	22.86	23.50	1.159	1.149	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.25 n77 3700-3980MHz (100MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT3	DSI1	DFT-s-OFDM BPSK	SA	Left	0	662000	3930	1	1	0.03	0.388	18.00	18.50	1.122	0.435	/
	DSI1				Cheek	0	662000	3930	135	69	0.11	0.406	17.99	18.50	1.125	0.457
	DSI1			Left Tilt	0	662000	3930	1	1	0.02	0.413	18.00	18.50	1.122	0.463	/
	DSI1				0	662000	3930	135	69	0.08	0.423	17.99	18.50	1.125	0.476	/
	DSI1			Right	0	662000	3930	1	1	0.16	0.332	18.00	18.50	1.122	0.373	/
	DSI1				Cheek	0	662000	3930	135	69	-0.02	0.325	17.99	18.50	1.125	0.366
	DSI1			Right Tilt	0	662000	3930	1	1	-0.16	0.385	18.00	18.50	1.122	0.432	/
	DSI1				0	662000	3930	135	69	0.10	0.392	17.99	18.50	1.125	0.441	/
ANT6	DSI1	DFT-s-OFDM BPSK	SA	Left	0	650000	3750	1	1	-0.07	0.671	16.09	16.50	1.099	0.737	/
	DSI1				Cheek	0	650000	3750	135	69	0.05	0.701	16.20	16.50	1.072	0.751
	DSI1			Left Tilt	0	650000	3750	1	1	-0.16	0.156	16.09	16.50	1.099	0.171	/
	DSI1				0	650000	3750	135	69	0.01	0.162	16.20	16.50	1.072	0.174	/
	DSI1			Right	0	650000	3750	1	1	0.05	0.211	16.09	16.50	1.099	0.232	/
	DSI1				Cheek	0	650000	3750	135	69	-0.19	0.223	16.20	16.50	1.072	0.239
	DSI1			Right Tilt	0	650000	3750	1	1	0.00	0.071	16.09	16.50	1.099	0.078	/
	DSI1				0	650000	3750	135	69	0.04	0.074	16.20	16.50	1.072	0.079	/
ANT2	DSI1	DFT-s-OFDM BPSK	SA	Left	0	650000	3750	1	1	-0.09	0.221	19.20	19.50	1.072	0.237	/
	DSI1				Cheek	0	650000	3750	135	69	0.01	0.231	19.21	19.50	1.069	0.247
	DSI1			Left Tilt	0	650000	3750	1	1	-0.13	0.052	19.20	19.50	1.072	0.056	/
	DSI1				0	650000	3750	135	69	0.08	0.063	19.21	19.50	1.069	0.067	/
	DSI1			Right	0	650000	3750	1	1	0.08	0.682	19.20	19.50	1.072	0.731	/
	DSI1				Cheek	0	650000	3750	135	69	0.05	0.691	19.21	19.50	1.069	0.739
	DSI1			Right Tilt	0	650000	3750	1	1	-0.08	0.134	19.20	19.50	1.072	0.144	/
	DSI1				0	650000	3750	135	69	-0.12	0.211	19.21	19.50	1.069	0.226	/
ANT5	DSI1	DFT-s-OFDM BPSK	SA	Left	0	662000	3930	1	1	0.10	0.475	18.57	19.00	1.104	0.524	/
	DSI1				Cheek	0	662000	3930	135	69	0.15	0.530	18.56	19.00	1.107	0.587
	DSI1			Left Tilt	0	662000	3930	1	1	0.03	0.185	18.57	19.00	1.104	0.204	/
	DSI1				0	662000	3930	135	69	0.16	0.188	18.56	19.00	1.107	0.208	/
	DSI1			Right	0	662000	3930	1	1	0.01	0.102	18.57	19.00	1.104	0.113	/
	DSI1				Cheek	0	662000	3930	135	69	-0.09	0.113	18.56	19.00	1.107	0.125
	DSI1			Right Tilt	0	662000	3930	1	1	-0.19	0.071	18.57	19.00	1.104	0.078	/
	DSI1				0	662000	3930	135	69	-0.11	0.075	18.56	19.00	1.107	0.083	/
Body-worn&Hotspot																
ANT3	DSI4	DFT-s-OFDM BPSK	SA	Front	10	662000	3930	1	137	0.01	0.155	21.12	21.50	1.091	0.169	/
	DSI4				Side	10	662000	3930	135	69	0.08	0.182	21.19	21.50	1.074	0.195
	DSI4			10	662000	3930	1	137	-0.09	0.239	21.12	21.50	1.091	0.261	/	

	DSI4			Back Side	10	662000	3930	135	69	-0.18	0.290	21.19	21.50	1.074	0.311	/
	DSI4			Top Edge	10	662000	3930	1	137	0.10	0.372	21.12	21.50	1.091	0.406	/
	DSI4				10	662000	3930	135	69	-0.07	0.463	21.19	21.50	1.074	0.497	/
ANT6	DSI2&3&4	DFT-s-OFDM	SA	Front	10	650000	3750	1	1	-0.10	0.244	20.38	21.00	1.153	0.281	/
	DSI2&3&4			Side	10	650000	3750	135	69	-0.19	0.246	20.37	21.00	1.156	0.284	/
	DSI2&3&4	BPSK		Back Side	10	650000	3750	1	1	-0.09	0.385	20.38	21.00	1.153	0.444	/
	DSI2&3&4			10	650000	3750	135	69	-0.11	0.395	20.37	21.00	1.156	0.457	/	
	DSI2&3&4	BPSK		Right Edge	10	650000	3750	1	1	-0.01	0.406	20.38	21.00	1.153	0.468	/
	DSI2&3&4			10	650000	3750	135	69	0.17	0.418	20.37	21.00	1.156	0.483	/	
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA	Front	10	650000	3750	1	137	-0.01	0.247	23.21	23.50	1.069	0.264	/
	DSI2&3			Side	10	650000	3750	135	69	0.00	0.255	23.29	23.50	1.050	0.268	/
	DSI2&3			Back Side	10	650000	3750	1	137	-0.05	0.565	23.21	23.50	1.069	0.604	/
	DSI2&3				10	650000	3750	135	69	-0.01	0.588	23.29	23.50	1.050	0.617	/
	DSI2&3			Left Edge	10	650000	3750	1	137	-0.16	0.756	23.21	23.50	1.069	0.808	/
	DSI2&3				10	650000	3750	135	69	-0.05	0.765	23.29	23.50	1.050	0.803	/
	DSI2&3			Top Edge	10	650000	3750	1	137	-0.11	0.176	23.21	23.50	1.069	0.188	/
	DSI2&3				10	650000	3750	135	69	-0.02	0.211	23.29	23.50	1.050	0.222	/
	DSI2&3			Left Edge	10	656000	3840	1	137	0.18	0.823	23.19	23.50	1.074	0.884	/
	DSI2&3				10	662000	3930	1	137	-0.03	0.816	23.07	23.50	1.104	0.901	/
	DSI2&3				10	656000	3840	135	69	-0.06	0.855	23.14	23.50	1.086	0.929	/
	DSI2&3				10	662000	3930	135	69	-0.13	0.871	23.10	23.50	1.096	0.955	63#
	DSI2&3			Left Edge	10	650000	3750	270	0	-0.09	0.722	23.27	23.50	1.054	0.761	/
	DSI2&3				10	650000	3750	270	0	-0.09	0.722	23.27	23.50	1.054	0.761	/
ANT5	DSI2&3&4	DFT-s-OFDM BPSK	SA	Front	10	662000	3930	1	1	0.03	0.055	19.72	20.50	1.197	0.066	/
	DSI2&3&4			Side	10	662000	3930	135	69	0.15	0.058	19.68	20.50	1.208	0.070	/
	DSI2&3&4			Back Side	10	662000	3930	1	1	-0.03	0.085	19.72	20.50	1.197	0.102	/
	DSI2&3&4				10	662000	3930	135	69	-0.16	0.079	19.68	20.50	1.208	0.095	/
	DSI2&3&4			Right Edge	10	662000	3930	1	1	0.09	0.102	19.72	20.50	1.197	0.122	/
	DSI2&3&4				10	662000	3930	135	69	0.01	0.095	19.68	20.50	1.208	0.115	/
	DSI2&3&4			Top Edge	10	662000	3930	1	1	-0.15	0.043	19.72	20.50	1.197	0.051	/
	DSI2&3&4				10	662000	3930	135	69	0.12	0.038	19.68	20.50	1.208	0.046	/
Body-worn&Hotspot-Repeated SAR																
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA	Left Edge	10	662000	3930	135	69	0.06	0.859	23.10	23.50	1.096	0.941	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT3	DSI4	DFT-s-OFDM	SA	Top Edge	0	662000	3930	1	137	0.08	1.810	21.12	21.50	1.091	1.975	/
	DSI4	BPSK			0	662000	3930	135	69	0.03	1.850	21.19	21.50	1.074	1.987	64#
ANT6	DSI2&3&4	DFT-s-OFDM	SA	Back Side	10	650000	3750	1	1	-0.05	0.516	20.38	21.00	1.153	0.595	/
	DSI2&3&4				10	650000	3750	135	69	0.12	0.653	20.37	21.00	1.156	0.755	/
	DSI2&3&4	BPSK		Right Edge	0	650000	3750	1	1	-0.06	1.410	20.38	21.00	1.153	1.626	/
	DSI2&3&4				0	650000	3750	135	69	-0.02	1.440	20.37	21.00	1.156	1.665	/
ANT2	DSI4	DFT-s-OFDM	SA	Back Side	0	662000	3930	1	137	0.18	0.451	20.43	21.00	1.140	0.514	/
	DSI4				0	662000	3930	135	69	-0.12	0.453	20.40	21.00	1.148	0.520	/
	DSI4	BPSK		Left Edge	0	662000	3930	1	137	0.03	0.953	20.43	21.00	1.140	1.086	/
	DSI4				0	662000	3930	135	69	0.12	0.937	20.40	21.00	1.148	1.076	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT3	DSI2&3	DFT-s-OFDM BPSK	Front	9	650000	3750	1	137	-0.08	0.432	25.40	27.00	1.445	0.624	/
	DSI2&3			Side	9	662000	3930	135	0	0.19	0.481	25.40	27.00	1.445	0.695
	DSI2&3		Back	15	650000	3750	1	137	0.01	0.327	25.40	27.00	1.445	0.473	/
	DSI2&3			Side	15	662000	3930	135	0	0.10	0.379	25.40	27.00	1.445	0.548
	DSI2&3		Top	15	650000	3750	1	137	-0.14	0.448	25.40	27.00	1.445	0.647	/
	DSI2&3			Edge	15	662000	3930	135	0	0.02	0.519	25.40	27.00	1.445	0.750

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT2	DSI2&3	DFT-s-OFDM BPSK	Front	5	650000	3750	1	137	0.12	0.332	23.21	23.50	1.069	0.355	/
	DSI2&3			Side	5	650000	3750	135	69	-0.07	0.409	23.29	23.50	1.050	0.429
	DSI2&3		Back	5	650000	3750	1	137	-0.02	0.638	23.21	23.50	1.069	0.682	/
	DSI2&3			Side	5	650000	3750	135	69	0.09	0.689	23.29	23.50	1.050	0.723
	DSI2&3		Left	5	650000	3750	1	137	0.17	0.870	23.21	23.50	1.069	0.930	/
	DSI2&3			Edge	5	650000	3750	135	69	-0.06	0.940	23.29	23.50	1.050	0.987

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

11.26 n78 3450-3550MHz (100MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT3	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	0.04	0.488	18.39	19.00	1.151	0.562	/
					0	633334	3500.01	135	69	0.09	0.492	18.50	19.00	1.122	0.552	/
	DSI1			Left Tilt	0	633334	3500.01	1	1	0.09	0.574	18.39	19.00	1.151	0.661	/
					0	633334	3500.01	135	69	-0.05	0.608	18.50	19.00	1.122	0.682	/
	DSI1			Right Cheek	0	633334	3500.01	1	1	-0.10	0.413	18.39	19.00	1.151	0.475	/
					0	633334	3500.01	135	69	-0.06	0.406	18.50	19.00	1.122	0.456	/
	DSI1			Right Tilt	0	633334	3500.01	1	1	-0.12	0.433	18.39	19.00	1.151	0.498	/
					0	633334	3500.01	135	69	0.00	0.454	18.50	19.00	1.122	0.509	/
ANT6	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	0.16	0.636	17.85	18.50	1.161	0.738	/
					0	633334	3500.01	135	69	0.09	0.669	17.92	18.50	1.143	0.765	/
	DSI1			Left Tilt	0	633334	3500.01	1	1	-0.18	0.133	17.85	18.50	1.161	0.154	/
					0	633334	3500.01	135	69	0.14	0.131	17.92	18.50	1.143	0.150	/
	DSI1			Right Cheek	0	633334	3500.01	1	1	0.19	0.245	17.85	18.50	1.161	0.284	/
					0	633334	3500.01	135	69	-0.11	0.251	17.92	18.50	1.143	0.287	/
	DSI1			Right Tilt	0	633334	3500.01	1	1	-0.14	0.065	17.85	18.50	1.161	0.075	/
					0	633334	3500.01	135	69	-0.06	0.068	17.92	18.50	1.143	0.078	/
ANT2	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	0.04	0.171	20.99	21.50	1.125	0.192	/
					0	633334	3500.01	135	69	-0.11	0.176	21.00	21.50	1.122	0.197	/
	DSI1			Left Tilt	0	633334	3500.01	1	1	0.01	0.106	20.99	21.50	1.125	0.119	/
					0	633334	3500.01	135	69	0.02	0.113	21.00	21.50	1.122	0.127	/
	DSI1			Right Cheek	0	633334	3500.01	1	1	-0.12	0.741	20.99	21.50	1.125	0.834	/
					0	633334	3500.01	135	69	0.05	0.818	21.00	21.50	1.122	0.918	65#
	DSI1			Right Tilt	0	633334	3500.01	1	1	-0.11	0.225	20.99	21.50	1.125	0.253	/
					0	633334	3500.01	135	69	0.11	0.247	21.00	21.50	1.122	0.277	/
ANT5	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	633334	3500.01	1	1	0.04	0.541	17.53	18.00	1.114	0.603	/
					0	633334	3500.01	135	69	0.05	0.591	17.69	18.00	1.074	0.635	/
	DSI1			Left Tilt	0	633334	3500.01	1	1	-0.13	0.345	17.53	18.00	1.114	0.384	/
					0	633334	3500.01	135	69	0.05	0.352	17.69	18.00	1.074	0.378	/
	DSI1			Right Cheek	0	633334	3500.01	1	1	0.02	0.201	17.53	18.00	1.114	0.224	/
					0	633334	3500.01	135	69	-0.17	0.205	17.69	18.00	1.074	0.220	/
	DSI1			Right Tilt	0	633334	3500.01	1	1	-0.16	0.166	17.53	18.00	1.114	0.185	/
					0	633334	3500.01	135	69	0.19	0.165	17.69	18.00	1.074	0.177	/
Head-Repeated SAR																
ANT2	DSI1	DFT-s-OFDM BPSK	SA	Right Cheek	0	633334	3500.01	135	69	0.12	0.809	21.00	21.50	1.122	0.908	/
Body-worn&Hotspot																

ANT3	DSI4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	633334	3500.01	1	1	-0.02	0.265	20.70	21.50	1.202	0.319	/		
	10				633334	3500.01	135	69	-0.17	0.255	20.36	21.50	1.300	0.332	/			
	DSI4			DFT-s-OFDM BPSK	SA&NSA	Back Side	10	633334	3500.01	1	1	0.01	0.382	20.70	21.50	1.202	0.459	/
	10						633334	3500.01	135	69	0.16	0.401	20.36	21.50	1.300	0.521	/	
	DSI4					Top Edge	10	633334	3500.01	1	1	0.04	0.495	20.70	21.50	1.202	0.595	/
	10						633334	3500.01	135	69	-0.07	0.514	20.36	21.50	1.300	0.668	/	
ANT6	DSI2&3&4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	633334	3500.01	1	137	0.17	0.212	21.08	21.50	1.102	0.234	/		
	10				633334	3500.01	135	69	0.18	0.206	21.08	21.50	1.102	0.227	/			
	DSI2&3&4			DFT-s-OFDM BPSK	SA&NSA	Back Side	10	633334	3500.01	1	137	0.12	0.301	21.08	21.50	1.102	0.332	/
	10						633334	3500.01	135	69	0.12	0.306	21.08	21.50	1.102	0.337	/	
	DSI2&3&4					Right Edge	10	633334	3500.01	1	137	-0.09	0.474	21.08	21.50	1.102	0.522	/
	10						633334	3500.01	135	69	0.02	0.496	21.08	21.50	1.102	0.547	/	
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	633334	3500.01	1	1	-0.03	0.255	23.35	23.50	1.035	0.264	/		
	10				633334	3500.01	135	69	0.06	0.247	23.31	23.50	1.045	0.258	/			
	DSI2&3			DFT-s-OFDM BPSK	SA&NSA	Back Side	10	633334	3500.01	1	1	-0.05	0.623	23.35	23.50	1.035	0.645	/
	10						633334	3500.01	135	69	0.16	0.656	23.31	23.50	1.045	0.686	/	
	DSI2&3					Left Edge	10	633334	3500.01	1	1	0.11	0.874	23.35	23.50	1.035	0.905	/
	10						633334	3500.01	135	69	-0.16	0.938	23.31	23.50	1.045	0.980	66#	
	DSI2&3			Top Edge	10	633334	3500.01	1	1	0.06	0.153	23.35	23.50	1.035	0.158	/		
	10				633334	3500.01	135	69	-0.11	0.218	23.31	23.50	1.045	0.228	/			
ANT5	DSI2&3&4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	633334	3500.01	1	1	0.13	0.244	20.46	21.00	1.132	0.276	/		
	10				633334	3500.01	135	69	0.17	0.251	20.56	21.00	1.107	0.278	/			
	DSI2&3&4			DFT-s-OFDM BPSK	SA&NSA	Back Side	10	633334	3500.01	1	1	0.18	0.374	20.46	21.00	1.132	0.423	/
	10						633334	3500.01	135	69	-0.16	0.381	20.56	21.00	1.107	0.422	/	
	DSI2&3&4					Right Edge	10	633334	3500.01	1	1	0.16	0.365	20.46	21.00	1.132	0.413	/
	10						633334	3500.01	135	69	0.17	0.387	20.56	21.00	1.107	0.428	/	
	DSI2&3&4			Top Edge	10	633334	3500.01	1	1	0.17	0.247	20.46	21.00	1.132	0.280	/		
	10				633334	3500.01	135	69	-0.18	0.251	20.56	21.00	1.107	0.278	/			
Body-worn&Hotspot-Repeated SAR																		
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA&NSA	Left Edge	10	633334	3500.01	135	69	0.11	0.916	23.31	23.50	1.045	0.957	/		

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

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT3	DSI4	DFT-s-OFDM	SA&NSA	Back Side	10	633334	3500.01	1	1	0.15	0.685	20.70	21.50	1.202	0.823	/
	0				633334	3500.01	135	69	-0.05	0.821	20.36	21.50	1.300	1.067	/	
	DSI4	BPSK		Top Edge	0	633334	3500.01	1	1	0.02	1.070	20.70	21.50	1.202	1.286	/
	0				633334	3500.01	135	69	-0.13	1.270	20.36	21.50	1.300	1.651	/	
ANT6	DSI2&3&4	DFT-s-OFDM	SA&NSA	Right Edge	0	633334	3500.01	1	137	0.08	1.910	21.08	21.50	1.102	2.105	/
	DSI2&3&4	BPSK		Right Edge	0	633334	3500.01	135	69	0.03	1.970	21.08	21.50	1.102	2.171	/
ANT2	DSI4	DFT-s-OFDM	SA&NSA	Back Side	0	633334	3500.01	1	1	0.10	0.639	21.45	22.00	1.135	0.725	/
	0				633334	3500.01	135	69	-0.04	0.878	21.29	22.00	1.178	1.034	/	
	DSI4	BPSK		Left Edge	0	633334	3500.01	1	1	-0.12	1.950	21.45	22.00	1.135	2.213	/
	0				633334	3500.01	135	69	-0.12	2.010	21.29	22.00	1.178	2.368	67#	
ANT5	DSI2&3&4	DFT-s-OFDM	SA&NSA	Back Side	0	633334	3500.01	1	1	0.07	0.675	20.46	21.00	1.132	0.764	/
	0				633334	3500.01	135	69	0.07	0.602	20.56	21.00	1.107	0.666	/	
	DSI2&3&4	BPSK		Right Edge	0	633334	3500.01	1	1	-0.01	2.010	20.46	21.00	1.132	2.275	/
	0				633334	3500.01	135	69	0.01	2.050	20.56	21.00	1.107	2.269	/	
Specific-Repeated SAR																
ANT2	DSI4	DFT-s-OFDM BPSK	SA&NSA	Left Edge	0	633334	3500.01	135	69	0.05	1.950	21.29	22.00	1.178	2.297	/
ANT5	DSI2&3&4	DFT-s-OFDM BPSK	SA&NSA	Right Edge	0	633334	3500.01	135	69	0.08	1.990	20.56	21.00	1.107	2.203	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT3	DSI2&3	DFT-s-OFDM BPSK	Front	9	633334	3500.01	1	137	-0.12	0.383	25.60	27.00	1.380	0.529	/
	DSI2&3		Side	9	633334	3500.01	135	138	0.14	0.416	25.33	27.00	1.469	0.611	/
	DSI2&3		Back	15	633334	3500.01	1	137	-0.18	0.609	25.60	27.00	1.380	0.840	/
	DSI2&3		Side	15	633334	3500.01	135	138	0.01	0.630	25.33	27.00	1.469	0.925	/
	DSI2&3		Top	15	633334	3500.01	1	137	0.11	0.414	25.60	27.00	1.380	0.571	/
	DSI2&3		Edge	15	633334	3500.01	135	138	-0.06	0.447	25.33	27.00	1.469	0.657	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT2	DSI2&3	DFT-s-OFDM BPSK	Front	5	633334	3500.01	1	1	0.16	0.278	23.35	23.50	1.035	0.288	/
	DSI2&3		Side	5	633334	3500.01	135	69	0.15	0.322	23.25	23.50	1.059	0.341	/
	DSI2&3		Back	5	633334	3500.01	1	1	-0.09	0.759	23.35	23.50	1.035	0.786	/
	DSI2&3		Side	5	633334	3500.01	135	69	-0.06	0.880	23.25	23.50	1.059	0.932	/
	DSI2&3		Left	5	633334	3500.01	1	1	-0.16	0.925	23.35	23.50	1.035	0.957	/
	DSI2&3		Edge	5	633334	3500.01	135	69	0.04	1.210	23.25	23.50	1.059	1.281	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.27 n78 3700-3980MHz (100MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head																
ANT3	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	650000	3750	1	1	-0.01	0.522	18.50	19.00	1.122	0.586	/
					0	650000	3750	135	69	-0.07	0.545	18.46	19.00	1.132	0.617	/
				Left Tilt	0	650000	3750	1	1	0.18	0.588	18.50	19.00	1.122	0.660	/
					0	650000	3750	135	69	0.16	0.605	18.46	19.00	1.132	0.685	/
				Right Cheek	0	650000	3750	1	1	0.13	0.447	18.50	19.00	1.122	0.502	/
					0	650000	3750	135	69	0.05	0.454	18.46	19.00	1.132	0.514	/
				Right Tilt	0	650000	3750	1	1	0.00	0.523	18.50	19.00	1.122	0.587	/
					0	650000	3750	135	69	0.03	0.531	18.46	19.00	1.132	0.601	/
ANT6	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	650000	3750	1	1	0.11	0.844	17.92	18.50	1.143	0.965	/
					0	650000	3750	135	69	0.12	0.884	18.04	18.50	1.112	0.983	/
				Left Tilt	0	650000	3750	1	1	0.07	0.174	17.92	18.50	1.143	0.199	/
					0	650000	3750	135	69	-0.06	0.173	18.04	18.50	1.112	0.192	/
				Right Cheek	0	650000	3750	1	1	0.14	0.265	17.92	18.50	1.143	0.303	/
					0	650000	3750	135	69	0.12	0.271	18.04	18.50	1.112	0.301	/
				Right Tilt	0	650000	3750	1	1	-0.01	0.085	17.92	18.50	1.143	0.097	/
					0	650000	3750	135	69	0.18	0.088	18.04	18.50	1.112	0.098	/
ANT2	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	650000	3750	1	1	-0.16	0.402	21.49	21.50	1.002	0.403	/
					0	650000	3750	135	69	-0.15	0.413	21.44	21.50	1.014	0.419	/
				Left Tilt	0	650000	3750	1	1	-0.09	0.116	21.49	21.50	1.002	0.116	/
					0	650000	3750	135	69	-0.08	0.118	21.44	21.50	1.014	0.120	/
				Right Cheek	0	650000	3750	1	1	0.18	0.989	21.49	21.50	1.002	0.991	/
					0	650000	3750	135	69	0.03	1.030	21.44	21.50	1.014	1.044	68#
				Right Tilt	0	650000	3750	1	1	-0.10	0.306	21.49	21.50	1.002	0.307	/
					0	650000	3750	135	69	-0.03	0.298	21.44	21.50	1.014	0.302	/
ANT5	DSI1	DFT-s-OFDM BPSK	SA	Left Cheek	0	650000	3750	1	1	0.08	0.341	17.39	18.00	1.151	0.392	/
					0	650000	3750	135	69	0.08	0.373	17.64	18.00	1.086	0.405	/
				Left Tilt	0	650000	3750	1	1	0.13	0.255	17.39	18.00	1.151	0.294	/
					0	650000	3750	135	69	0.14	0.242	17.64	18.00	1.086	0.263	/
				Right Cheek	0	650000	3750	1	1	-0.12	0.133	17.39	18.00	1.151	0.153	/
					0	650000	3750	135	69	-0.07	0.121	17.64	18.00	1.086	0.131	/
				Right Tilt	0	650000	3750	1	1	0.15	0.128	17.39	18.00	1.151	0.147	/
					0	650000	3750	135	69	0.07	0.127	17.64	18.00	1.086	0.138	/
Head-Repeated SAR																
ANT2	DSI1	DFT-s-OFDM BPSK	SA	Right Cheek	0	650000	3750	135	69	0.14	0.994	21.44	21.50	1.014	1.008	/
Body-worn&Hotspot																

ANT3	DSI4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	650000	3750	1	1	-0.11	0.226	20.76	21.50	1.186	0.268	/
	DSI4				10	650000	3750	135	69	0.16	0.231	20.88	21.50	1.153	0.266	/
	DSI4			Back Side	10	650000	3750	1	1	0.12	0.474	20.76	21.50	1.186	0.562	/
	DSI4				10	650000	3750	135	69	-0.10	0.493	20.88	21.50	1.153	0.568	/
	DSI4			Top Edge	10	650000	3750	1	1	-0.12	0.386	20.76	21.50	1.186	0.457	/
	DSI4				10	650000	3750	135	69	-0.17	0.418	20.88	21.50	1.153	0.482	/
ANT6	DSI2&3&4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	650000	3750	1	1	0.06	0.255	21.34	21.50	1.038	0.265	/
	DSI2&3&4				10	650000	3750	135	69	-0.07	0.241	21.43	21.50	1.016	0.245	/
	DSI2&3&4			Back Side	10	650000	3750	1	1	0.07	0.488	21.34	21.50	1.038	0.507	/
	DSI2&3&4				10	650000	3750	135	69	0.18	0.506	21.43	21.50	1.016	0.514	/
	DSI2&3&4			Right Edge	10	650000	3750	1	1	0.18	0.543	21.34	21.50	1.038	0.564	/
	DSI2&3&4				10	650000	3750	135	69	0.05	0.574	21.43	21.50	1.016	0.583	/
ANT2	DSI2&3	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	650000	3750	1	1	-0.01	0.332	23.11	23.50	1.094	0.363	/
	DSI2&3				10	650000	3750	135	69	0.19	0.348	23.16	23.50	1.081	0.376	/
	DSI2&3			Back Side	10	650000	3750	1	1	0.00	0.664	23.11	23.50	1.094	0.726	/
	DSI2&3				10	650000	3750	135	69	0.02	0.688	23.16	23.50	1.081	0.744	/
	DSI2&3			Left Edge	10	650000	3750	1	1	0.13	0.704	23.11	23.50	1.094	0.770	/
	DSI2&3				10	650000	3750	135	69	-0.17	0.718	23.16	23.50	1.081	0.776	69#
	DSI2&3			Top Edge	10	650000	3750	1	1	0.04	0.209	23.11	23.50	1.094	0.229	/
	DSI2&3				10	650000	3750	135	69	0.12	0.242	23.16	23.50	1.081	0.262	/
ANT5	DSI2&3&4	DFT-s-OFDM BPSK	SA&NSA	Front Side	10	650000	3750	1	1	-0.07	0.122	20.52	21.00	1.117	0.136	/
	DSI2&3&4				10	650000	3750	135	69	-0.11	0.121	20.55	21.00	1.109	0.134	/
	DSI2&3&4			Back Side	10	650000	3750	1	1	-0.11	0.206	20.52	21.00	1.117	0.230	/
	DSI2&3&4				10	650000	3750	135	69	0.14	0.211	20.55	21.00	1.109	0.234	/
	DSI2&3&4			Right Edge	10	650000	3750	1	1	0.02	0.280	20.52	21.00	1.117	0.313	/
	DSI2&3&4				10	650000	3750	135	69	-0.10	0.274	20.55	21.00	1.109	0.304	/
	DSI2&3&4			Top Edge	10	650000	3750	1	1	0.03	0.155	20.52	21.00	1.117	0.173	/
	DSI2&3&4				10	650000	3750	135	69	-0.07	0.153	20.55	21.00	1.109	0.170	/

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



Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift(dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
ANT3	DSI4	DFT-s-OFDM	SA&NSA	Back Side	0	650000	3750	1	1	0.05	0.911	20.76	21.50	1.186	1.080	/
	DSI4				0	650000	3750	135	69	0.02	0.945	20.88	21.50	1.153	1.090	/
	DSI4	BPSK		Top Edge	0	650000	3750	1	1	-0.18	1.460	20.76	21.50	1.186	1.732	/
	DSI4				0	650000	3750	135	69	-0.09	1.880	20.88	21.50	1.153	2.168	/
ANT6	DSI2&3&4	DFT-s-OFDM	SA&NSA	Back Side	0	650000	3750	1	1	0.05	0.684	21.34	21.50	1.038	0.710	/
	DSI2&3&4				0	650000	3750	135	69	0.17	0.853	21.43	21.50	1.016	0.867	/
	DSI2&3&4	BPSK		Right Edge	0	650000	3750	1	1	0.18	1.810	21.34	21.50	1.038	1.879	/
	DSI2&3&4				0	650000	3750	135	69	0.03	1.880	21.43	21.50	1.016	1.910	/
ANT2	DSI4	DFT-s-OFDM	SA&NSA	Back Side	0	650000	3750	1	1	0.01	0.700	21.36	22.00	1.159	0.811	/
	DSI4				0	650000	3750	135	69	-0.06	0.829	21.37	22.00	1.156	0.958	/
	DSI4	BPSK		Left Edge	0	650000	3750	1	1	-0.11	1.910	21.36	22.00	1.159	2.214	/
	DSI4				0	650000	3750	135	69	0.11	2.010	21.37	22.00	1.156	2.324	70#
ANT5	DSI2&3&4	DFT-s-OFDM	SA&NSA	Right	0	650000	3750	1	1	0.01	1.470	20.52	21.00	1.117	1.642	/
	DSI2&3&4	BPSK		Edge	10	650000	3750	135	69	0.01	1.390	20.55	21.00	1.109	1.542	/
Specific-Repeated SAR																
ANT2	DSI4	DFT-s-OFDM BPSK	SA&NSA	Left Edge	0	650000	3750	135	69	0.05	1.960	21.37	22.00	1.156	2.266	/

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

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Sensor-1															
ANT3	DSI2&3	DFT-s-OFDM BPSK	Front	9	650000	3750	1	1	0.14	0.400	25.31	27.00	1.476	0.590	/
	DSI2&3		Side	9	650000	3750	135	69	0.11	0.524	25.37	27.00	1.455	0.762	/
	DSI2&3		Back	15	650000	3750	1	1	-0.14	0.369	25.31	27.00	1.476	0.545	/
	DSI2&3		Side	15	650000	3750	135	69	0.10	0.539	25.37	27.00	1.455	0.784	/
	DSI2&3		Top Edge	15	650000	3750	1	1	-0.03	0.349	25.31	27.00	1.476	0.515	/
	DSI2&3			15	650000	3750	135	69	-0.12	0.510	25.37	27.00	1.455	0.742	/
Sensor-1															
ANT2	DSI2&3	DFT-s-OFDM BPSK	Front	5	650000	3750	1	1	0.17	0.282	23.11	23.50	1.094	0.309	/
	DSI2&3		Side	5	650000	3750	135	69	0.17	0.361	23.16	23.50	1.081	0.390	/
	DSI2&3		Back	5	650000	3750	1	1	-0.03	0.714	23.11	23.50	1.094	0.781	/
	DSI2&3		Side	5	650000	3750	135	69	-0.07	0.921	23.16	23.50	1.081	0.996	/
	DSI2&3		Left Edge	5	650000	3750	1	1	-0.08	0.717	23.11	23.50	1.094	0.784	/
	DSI2&3			5	650000	3750	135	69	0.03	0.925	23.16	23.50	1.081	1.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.28 WIFI 2.4GHZ

Mode	Antenna	Level State	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Report SAR (W/kg)	Meas. No.
Head															
802.11b	ANT7	DSI1	Left Cheek	0	6	2437	0.11	0.498	16.92	17.50	1.143	99.59	1.004	0.571	71#
		DSI1	Left Tilt	0	6	2437	0.16	0.421	16.92	17.50	1.143	99.59	1.004	0.483	/
		DSI1	Right Cheek	0	6	2437	-0.19	0.300	16.92	17.50	1.143	99.59	1.004	0.344	/
		DSI1	Right Tilt	0	6	2437	-0.06	0.318	16.92	17.50	1.143	99.59	1.004	0.365	/
Body-worn&Hotspot															
802.11b	ANT7	DSI2	Front Side	10	6	2437	-0.03	0.087	16.92	17.50	1.143	99.59	1.004	0.100	/
		DSI2	Back Side	10	6	2437	0.02	0.121	16.92	17.50	1.143	99.59	1.004	0.139	/
		DSI2	Right Edge	10	6	2437	-0.17	0.045	16.92	17.50	1.143	99.59	1.004	0.052	/
		DSI2	Top Edge	10	6	2437	-0.01	0.136	16.92	17.50	1.143	99.59	1.004	0.156	72#
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.29 WIFI 5GHz

Band	Mode	Antenna	Level State	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Report SAR (W/kg)	Meas. No.
Head																
5.3G	802.11ac80	ANT7	DSI1	Left Cheek	0	58	5290	0.15	0.126	10.40	10.50	1.023	88.17	1.134	0.146	73#
			DSI1	Left Tilt	0	58	5290	-0.02	0.105	10.40	10.50	1.023	88.17	1.134	0.122	/
			DSI1	Right Cheek	0	58	5290	0.01	0.076	10.40	10.50	1.023	88.17	1.134	0.088	/
			DSI1	Right Tilt	0	58	5290	0.18	0.064	10.40	10.50	1.023	88.17	1.134	0.074	/
5.6G	802.11ac80	ANT7	DSI1	Left Cheek	0	122	5610	0.02	0.167	11.14	11.50	1.086	88.17	1.134	0.206	74#
			DSI1	Left Tilt	0	122	5610	-0.02	0.146	11.14	11.50	1.086	88.17	1.134	0.180	/
			DSI1	Right Cheek	0	122	5610	0.18	0.099	11.14	11.50	1.086	88.17	1.134	0.122	/
			DSI1	Right Tilt	0	122	5610	-0.16	0.086	11.14	11.50	1.086	88.17	1.134	0.106	/
5.8G	802.11ac80	ANT7	DSI1	Left Cheek	0	155	5775	0.04	0.181	11.09	11.50	1.099	88.17	1.134	0.226	75#
			DSI1	Left Tilt	0	155	5775	0.01	0.143	11.09	11.50	1.099	88.17	1.134	0.178	/
			DSI1	Right Cheek	0	155	5775	0.18	0.114	11.09	11.50	1.099	88.17	1.134	0.142	/
			DSI1	Right Tilt	0	155	5775	-0.04	0.103	11.09	11.50	1.099	88.17	1.134	0.128	/
Body-worn																
5.3G	802.11a	ANT7	DSI2	Front Side	10	64	5320	0.04	0.135	17.46	18.50	1.271	97.20	1.029	0.177	/
			DSI2	Back Side	10	64	5320	0.08	0.264	17.46	18.50	1.271	97.20	1.029	0.345	76#
5.6G	802.11a	ANT7	DSI2	Front Side	10	116	5580	0.12	0.107	17.31	18.50	1.315	97.20	1.029	0.145	/
			DSI2	Back Side	10	116	5580	0.14	0.236	17.31	18.50	1.315	97.20	1.029	0.319	77#
5.8G	802.11ac80	ANT7	DSI2	Front Side	10	155	5775	-0.10	0.053	14.35	15.50	1.303	88.17	1.134	0.078	/
			DSI2	Back Side	10	155	5775	0.03	0.143	14.35	15.50	1.303	88.17	1.134	0.211	78#
Hotspot																
5.2G	802.11a	ANT7	DSI2	Front Side	10	48	5240	0.02	0.103	18.16	18.50	1.081	97.20	1.029	0.115	/
			DSI2	Back Side	10	48	5240	-0.11	0.227	18.16	18.50	1.081	97.20	1.029	0.253	/
			DSI2	Right Edge	10	48	5240	-0.15	0.063	18.16	18.50	1.081	97.20	1.029	0.070	/
			DSI2	Top Edge	10	48	5240	-0.01	0.292	18.16	18.50	1.081	97.20	1.029	0.325	79#
5.8G	802.11ac80	ANT7	DSI2	Front Side	10	155	5775	-0.10	0.053	14.35	15.50	1.303	88.17	1.134	0.078	/
			DSI2	Back Side	10	155	5775	0.03	0.143	14.35	15.50	1.303	88.17	1.134	0.211	/
			DSI2	Right Edge	10	155	5775	0.05	0.016	14.35	15.50	1.303	88.17	1.134	0.024	/
			DSI2	Top Edge	10	155	5775	0.09	0.164	14.35	15.50	1.303	88.17	1.134	0.242	80#

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

Band	Mode	Antenna	Level State	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 (%)	Duty cycle Factor	10g Report SAR (W/kg)	Meas. No.
Specific																
5.3G	802.11a	ANT7	DSI2	Front Side	0	64	5320	0.05	0.582	17.46	18.50	1.271	97.20	1.029	0.761	/
			DSI2	Back Side	0	64	5320	0.11	0.273	17.46	18.50	1.271	97.20	1.029	0.357	/
			DSI2	Right Edge	0	64	5320	-0.06	0.152	17.46	18.50	1.271	97.20	1.029	0.199	/
			DSI2	Top Edge	0	64	5320	0.01	0.591	17.46	18.50	1.271	97.20	1.029	0.773	81#
5.6G	802.11a	ANT7	DSI2	Front Side	0	116	5580	0.08	0.223	17.31	18.50	1.315	97.20	1.029	0.302	/
			DSI2	Back Side	0	116	5580	0.17	0.111	17.31	18.50	1.315	97.20	1.029	0.150	/
			DSI2	Right Edge	0	116	5580	-0.05	0.043	17.31	18.50	1.315	97.20	1.029	0.058	/
			DSI2	Top Edge	0	116	5580	0.01	0.270	17.31	18.50	1.315	97.20	1.029	0.365	82#
Note: Refer to ANNEX C for the detailed test data for each test configuration.																



11.30 Bluetooth

Mode	Antenna	DSI State	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune power (dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Report SAR (W/kg)	Meas. No.
Head															
DH5	ANT7	DSI1	Left Cheek	0	78	2480	0.12	0.147	10.99	12.0	1.263	76.68	1.304	0.242	83#
		DSI1	Left Tilt	0	78	2480	-0.18	0.124	10.99	12.0	1.263	76.68	1.304	0.204	/
		DSI1	Right Cheek	0	78	2480	-0.14	0.096	10.99	12.0	1.263	76.68	1.304	0.158	/
		DSI1	Right Tilt	0	78	2480	-0.05	0.099	10.99	12.0	1.263	76.68	1.304	0.163	/
Body-worn&Hotspot															
DH5	ANT7	DSI2	Front Side	10	78	2480	0.05	0.023	10.99	12.0	1.263	76.68	1.304	0.038	/
		DSI2	Back Side	10	78	2480	0.00	0.036	10.99	12.0	1.263	76.68	1.304	0.059	/
		DSI2	Right Edge	10	78	2480	-0.08	0.015	10.99	12.0	1.263	76.68	1.304	0.025	/
		DSI2	Top Edge	10	78	2480	0.19	0.051	10.99	12.0	1.263	76.68	1.304	0.083	84#
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

11.31 Worst Case of WCDMA Band 4 SAR

Antenna	DSI State	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Body-worn&Hotspot-worse case													
ANT1	DSI3&4	RMC	Bottom Edge	10	1312	1712.4	0.10	0.736	20.33	21.50	1.309	0.963	85#

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

11.32 Worst Case of 5G n7 (50MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Report SAR (W/kg)	Meas. No.
Head-worse case																
ANT4	DSI1	DFT-s-OFDM BPSK	SA	Right Tilt	0	507000	2535	135	68	0.02	0.877	20.04	20.50	1.112	0.975	86#

11.33 Worst Case of 5G n38 (40MHz Bandwidth)

Antenna	Power Reduction	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Report SAR (W/kg)	Meas. No.
Specific-worse case																
ANT4	DSI4	DFT-s-OFDM BPSK	SA&NSA	Top Edge	0	519000	2595	1	1	0.05	1.960	21.24	21.50	1.062	2.082	87#

12 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.

Frequency Band (MHz)	Wireless Band	RF Exposure Conditions	Test Position	Highest Measured SAR (W/kg)	Repeated SAR (Yes/No)	Repeated ^{1st} Measured SAR (W/kg)	Largest to Smallest SAR Radio
2535	NR n7	Head	Right Tilt	0.99	Yes	0.975	1.02
2590	NR n38	Head	Right Tilt	0.987	Yes	0.959	1.03
2595	NR n38	Specific	Top Edge	2.37	Yes	2.31	1.03
2546.01	NR n41	Head	Right Tilt	0.833	Yes	0.817	1.02
2592.99	NR n41	Specific	Left Edge	2.1	Yes	2.05	1.02
3930	NR n77 (3700-3980MHz)	Body-worn&Hotspot	Left Edge	0.871	Yes	0.859	1.01
3500.01	NR n78 (3450-3550MHz)	Head	Right Cheek	0.818	Yes	0.809	1.01
3500.01	NR n78 (3450-3550MHz)	Body-worn&Hotspot	Left Edge	0.938	Yes	0.916	1.02
3500.01	NR n78 (3450-3550MHz)	Specific	Right Edge	2.05	Yes	1.99	1.03
3750	NR n78 (3700-3980MHz)	Head	Right Cheek	1.03	Yes	0.994	1.04
3750	NR n78 (3700-3980MHz)	Specific	Left Edge	2.01	Yes	1.96	1.03

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

Note: For product specific 10g SAR, the highest measured 10g SAR is 0.61 < 2.0 W/kg, repeated measurement is not required.

13 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).

13.1 Simultaneous Transmission Mode Consider

No.	Simultaneous Tx Combination	Head	Body-worn	Hotspot	Specific
1	WLAN 5G+BT	Yes	Yes	Yes	Yes
2	WWAN+WLAN 2.4G	Yes	Yes	Yes	Yes
3	WWAN+WLAN5G+BT	Yes	Yes	Yes	Yes

Note:

1. Two WWAN antennas can switch automatically, but two WWAN antenna can't transmit simultaneously.
2. WLAN 2.4G and Bluetooth share the same antenna and can't transmit simultaneously.
3. When stand-alone SAR is not required for a transmitter or antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.
4. The maximum SAR summation is calculated based on the same configuration and test position.
5. 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.

13.2 Sum SAR of Simultaneous Transmission

13.2.1 Head Simultaneous Transmission SAR Evaluation for ENDC Antenna with WLAN and Bluetooth

Band	ENDC LTE Band	LTE Antenna	LTE Tune up	ENDC LTE Tune up	ENDC NR Band	NR Antenna	NR SA Tune up	NR NSA Tune up	Position	Stand alone SAR								SUM SAR	
										1		2		3	4	5	6	Sum SAR (3+4)	Sum SAR (3+5+6)
										LTE	ENDC LTE	NR SA	NR NSA	LTE+NR (ENDC)	2.4G WIFI	Max. 5GWIFI	Bluetooth		
ENDC_7A_n5A	LTE B7	ANT2	21.5	21.5	N5	ANT4	25.5	25.5	Left Cheek	0.180	0.180	0.459	0.459	0.639	0.571	0.226	0.242	1.210	1.107
			21.5	21.5			25.5	25.5	Left Tilt	0.063	0.063	0.396	0.396	0.459	0.483	0.180	0.204	0.942	0.843
			21.5	21.5			25.5	25.5	Right Cheek	0.511	0.511	0.650	0.650	1.161	0.344	0.142	0.158	1.505	1.461
			21.5	21.5			25.5	25.5	Right Tilt	0.145	0.145	0.434	0.434	0.579	0.365	0.128	0.163	0.944	0.870
ENDC_5A_n7A	LTE B5	ANT4	25.5	23.5	N7	ANT1	24.5	24.5	Left Cheek	0.617	0.389	0.255	0.255	0.644	0.571	0.226	0.242	1.215	1.112
			25.5	23.5			24.5	24.5	Left Tilt	0.542	0.342	0.119	0.119	0.461	0.483	0.180	0.204	0.944	0.845
			25.5	23.5			24.5	24.5	Right Cheek	0.825	0.521	0.196	0.196	0.717	0.344	0.142	0.158	1.061	1.017
			25.5	23.5			24.5	24.5	Right Tilt	0.627	0.396	0.265	0.265	0.661	0.365	0.128	0.163	1.026	0.952
ENDC_66A_n7A	LTE B66	ANT2	21.5	21.5	N7	ANT1	24.5	24.5	Left Cheek	0.214	0.214	0.255	0.255	0.469	0.571	0.226	0.242	1.040	0.937
			21.5	21.5			24.5	24.5	Left Tilt	0.039	0.039	0.119	0.119	0.158	0.483	0.180	0.204	0.641	0.542
			21.5	21.5			24.5	24.5	Right Cheek	0.539	0.539	0.196	0.196	0.735	0.344	0.142	0.158	1.079	1.035
			21.5	21.5			24.5	24.5	Right Tilt	0.084	0.084	0.265	0.265	0.349	0.365	0.128	0.163	0.714	0.640
ENDC_66A_n38A	LTE B66	ANT2	21.5	21.5	N38	ANT1	22	22	Left Cheek	0.214	0.214	0.088	0.088	0.302	0.571	0.226	0.242	0.873	0.770
			21.5	21.5			22	22	Left Tilt	0.039	0.039	0.052	0.052	0.091	0.483	0.180	0.204	0.574	0.475
			21.5	21.5			22	22	Right Cheek	0.539	0.539	0.065	0.065	0.604	0.344	0.142	0.158	0.948	0.904
			21.5	21.5			22	22	Right Tilt	0.084	0.084	0.095	0.095	0.179	0.365	0.128	0.163	0.544	0.470
	LTE B66	ANT2	21.5	21.5	N38	ANT4	18.5	15.5	Left Cheek	0.214	0.214	0.756	0.379	0.593	0.571	0.226	0.242	1.164	1.061
			21.5	21.5			18.5	15.5	Left Tilt	0.039	0.039	0.827	0.414	0.453	0.483	0.180	0.204	0.936	0.837
			21.5	21.5			18.5	15.5	Right Cheek	0.539	0.539	0.971	0.487	1.026	0.344	0.142	0.158	1.370	1.326
			21.5	21.5			18.5	15.5	Right Tilt	0.084	0.084	1.050	0.526	0.610	0.365	0.128	0.163	0.975	0.901
ENDC_66A_n41A	LTE B66	ANT2	21.5	21.5	N41	ANT1	25.5	25.5	Left Cheek	0.214	0.214	0.208	0.208	0.422	0.571	0.226	0.242	0.993	0.890
			21.5	21.5			25.5	25.5	Left Tilt	0.039	0.039	0.097	0.097	0.136	0.483	0.180	0.204	0.619	0.520
			21.5	21.5			25.5	25.5	Right Cheek	0.539	0.539	0.122	0.122	0.661	0.344	0.142	0.158	1.005	0.961
			21.5	21.5			25.5	25.5	Right Tilt	0.084	0.084	0.210	0.210	0.294	0.365	0.128	0.163	0.659	0.585
	LTE B66	ANT2	21.5	21.5	N41	ANT4	17.5	15.5	Left Cheek	0.214	0.214	0.552	0.348	0.562	0.571	0.226	0.242	1.133	1.030
			21.5	21.5			17.5	15.5	Left Tilt	0.039	0.039	0.640	0.404	0.443	0.483	0.180	0.204	0.926	0.827
			21.5	21.5			17.5	15.5	Right Cheek	0.539	0.539	0.704	0.444	0.983	0.344	0.142	0.158	1.327	1.283
			21.5	21.5			17.5	15.5	Right Tilt	0.084	0.084	0.948	0.598	0.682	0.365	0.128	0.163	1.047	0.973
ENDC_41A_n41A	LTE B41	ANT2	21.5	21.5	N41	ANT1	25.5	25.5	Left Cheek	0.363	0.363	0.208	0.208	0.571	0.571	0.226	0.242	1.142	1.039
			21.5	21.5			25.5	25.5	Left Tilt	0.139	0.139	0.097	0.097	0.236	0.483	0.180	0.204	0.719	0.620
			21.5	21.5			25.5	25.5	Right Cheek	0.698	0.698	0.122	0.122	0.820	0.344	0.142	0.158	1.164	1.120
			21.5	21.5			25.5	25.5	Right Tilt	0.271	0.271	0.210	0.210	0.481	0.365	0.128	0.163	0.846	0.772
	LTE B41	ANT2	21.5	21.5	N41	ANT4	17.5	15.5	Left Cheek	0.363	0.363	0.552	0.348	0.711	0.571	0.226	0.242	1.282	1.179
			21.5	21.5			17.5	15.5	Left Tilt	0.139	0.139	0.640	0.404	0.543	0.483	0.180	0.204	1.026	0.927

			21.5	21.5			17.5	15.5	Right Cheek	0.698	0.698	0.704	0.444	1.142	0.344	0.142	0.158	1.486	1.442
			21.5	21.5			17.5	15.5	Right Tilt	0.271	0.271	0.948	0.598	0.869	0.365	0.128	0.163	1.234	1.160
ENDC_2A_n66A	LTE B2	ANT2	21	21	N66	ANT1	25.5	25.5	Left Cheek	0.249	0.249	0.270	0.270	0.519	0.571	0.226	0.242	1.090	0.987
			21	21			25.5	25.5	Left Tilt	0.031	0.031	0.133	0.133	0.164	0.483	0.180	0.204	0.647	0.548
			21	21			25.5	25.5	Right Cheek	0.585	0.585	0.160	0.160	0.745	0.344	0.142	0.158	1.089	1.045
			21	21			25.5	25.5	Right Tilt	0.104	0.104	0.111	0.111	0.215	0.365	0.128	0.163	0.580	0.506
ENDC_5A_n66A	LTE B5	ANT4	25.5	23.5	N66	ANT1	25.5	25.5	Left Cheek	0.617	0.389	0.270	0.270	0.659	0.571	0.226	0.242	1.230	1.127
			25.5	23.5			25.5	25.5	Left Tilt	0.542	0.342	0.133	0.133	0.475	0.483	0.180	0.204	0.958	0.859
			25.5	23.5			25.5	25.5	Right Cheek	0.825	0.521	0.160	0.160	0.681	0.344	0.142	0.158	1.025	0.981
			25.5	23.5			25.5	25.5	Right Tilt	0.627	0.396	0.111	0.111	0.507	0.365	0.128	0.163	0.872	0.798
ENDC_12A_n66A	LTE B12	ANT4	25.5	25.5	N66	ANT1	25.5	25.5	Left Cheek	0.176	0.176	0.270	0.270	0.446	0.571	0.226	0.242	1.017	0.914
			25.5	25.5			25.5	25.5	Left Tilt	0.170	0.170	0.133	0.133	0.303	0.483	0.180	0.204	0.786	0.687
			25.5	25.5			25.5	25.5	Right Cheek	0.305	0.305	0.160	0.160	0.465	0.344	0.142	0.158	0.809	0.765
			25.5	25.5			25.5	25.5	Right Tilt	0.218	0.218	0.111	0.111	0.329	0.365	0.128	0.163	0.694	0.620
ENDC_2A_n78A	LTE B2	ANT2	21	21	N78	ANT3	19	19	Left Cheek	0.249	0.249	0.617	0.617	0.866	0.571	0.226	0.242	1.437	1.334
			21	21			19	19	Left Tilt	0.031	0.031	0.685	0.685	0.716	0.483	0.180	0.204	1.199	1.100
			21	21			19	19	Right Cheek	0.585	0.585	0.514	0.514	1.099	0.344	0.142	0.158	1.443	1.399
			21	21			19	19	Right Tilt	0.104	0.104	0.601	0.601	0.705	0.365	0.128	0.163	1.070	0.996
	LTE B2	ANT2	N78	ANT5	18	18	Left Cheek	0.249	0.249	0.635	0.635	0.884	0.571	0.226	0.242	1.455	1.352		
					18	18	Left Tilt	0.031	0.031	0.384	0.384	0.415	0.483	0.180	0.204	0.898	0.799		
					18	18	Right Cheek	0.585	0.585	0.224	0.224	0.809	0.344	0.142	0.158	1.153	1.109		
					18	18	Right Tilt	0.104	0.104	0.185	0.185	0.289	0.365	0.128	0.163	0.654	0.580		
	LTE B2	ANT2	N78	ANT6	18.5	16.5	Left Cheek	0.249	0.249	0.983	0.620	0.869	0.571	0.226	0.242	1.440	1.337		
					18.5	16.5	Left Tilt	0.031	0.031	0.199	0.126	0.157	0.483	0.180	0.204	0.640	0.541		
					18.5	16.5	Right Cheek	0.585	0.585	0.303	0.191	0.776	0.344	0.142	0.158	1.120	1.076		
					18.5	16.5	Right Tilt	0.104	0.104	0.098	0.062	0.166	0.365	0.128	0.163	0.531	0.457		
ENDC_5A_n78A	LTE B5	ANT4	N78	ANT2	21.5	19.5	Left Cheek	0.617	0.389	0.419	0.264	0.654	0.571	0.226	0.242	1.225	1.122		
					21.5	19.5	Left Tilt	0.542	0.342	0.127	0.080	0.422	0.483	0.180	0.204	0.905	0.806		
					21.5	19.5	Right Cheek	0.825	0.521	1.044	0.659	1.179	0.344	0.142	0.158	1.523	1.479		
					21.5	19.5	Right Tilt	0.627	0.396	0.307	0.194	0.589	0.365	0.128	0.163	0.954	0.880		
	LTE B5	ANT4	N78	ANT3	19	19	Left Cheek	0.617	0.389	0.617	0.617	1.006	0.571	0.226	0.242	1.577	1.474		
					19	19	Left Tilt	0.542	0.342	0.685	0.685	1.027	0.483	0.180	0.204	1.510	1.411		
					19	19	Right Cheek	0.825	0.521	0.514	0.514	1.035	0.344	0.142	0.158	1.379	1.335		
					19	19	Right Tilt	0.627	0.396	0.601	0.601	0.997	0.365	0.128	0.163	1.362	1.288		
	LTE B5	ANT4	N78	ANT5	18	18	Left Cheek	0.617	0.389	0.635	0.635	1.024	0.571	0.226	0.242	1.595	1.492		
					18	18	Left Tilt	0.542	0.342	0.384	0.384	0.726	0.483	0.180	0.204	1.209	1.110		
					18	18	Right Cheek	0.825	0.521	0.224	0.224	0.745	0.344	0.142	0.158	1.089	1.045		
					18	18	Right Tilt	0.627	0.396	0.185	0.185	0.581	0.365	0.128	0.163	0.946	0.872		
LTE B5	ANT4	N78	ANT6	18.5	16.5	Left Cheek	0.617	0.389	0.983	0.620	1.010	0.571	0.226	0.242	1.581	1.478			
				18.5	16.5	Left Tilt	0.542	0.342	0.199	0.126	0.468	0.483	0.180	0.204	0.951	0.852			
				18.5	16.5	Right Cheek	0.825	0.521	0.303	0.191	0.712	0.344	0.142	0.158	1.056	1.012			
				18.5	16.5	Right Tilt	0.627	0.396	0.098	0.062	0.457	0.365	0.128	0.163	0.822	0.748			
ENDC_7A_n78A		ANT2	21.5	21.5	N78	ANT3	19	19	Left Cheek	0.180	0.180	0.617	0.617	0.797	0.571	0.226	0.242	1.368	1.265

	LTE B7		21.5	21.5			19	19	Left Tilt	0.063	0.063	0.685	0.685	0.748	0.483	0.180	0.204	1.231	1.132
			21.5	21.5			19	19	Right Cheek	0.511	0.511	0.514	0.514	1.025	0.344	0.142	0.158	1.369	1.325
			21.5	21.5			19	19	Right Tilt	0.145	0.145	0.601	0.601	0.746	0.365	0.128	0.163	1.111	1.037
	LTE B7	ANT2	N78	ANT5	21.5	21.5	18	18	Left Cheek	0.180	0.180	0.635	0.635	0.815	0.571	0.226	0.242	1.386	1.283
					21.5	21.5	18	18	Left Tilt	0.063	0.063	0.384	0.384	0.447	0.483	0.180	0.204	0.930	0.831
					21.5	21.5	18	18	Right Cheek	0.511	0.511	0.224	0.224	0.735	0.344	0.142	0.158	1.079	1.035
					21.5	21.5	18	18	Right Tilt	0.145	0.145	0.185	0.185	0.330	0.365	0.128	0.163	0.695	0.621
	LTE B7	ANT2	N78	ANT6	21.5	21.5	18.5	16.5	Left Cheek	0.180	0.180	0.983	0.620	0.800	0.571	0.226	0.242	1.371	1.268
					21.5	21.5	18.5	16.5	Left Tilt	0.063	0.063	0.199	0.126	0.189	0.483	0.180	0.204	0.672	0.573
					21.5	21.5	18.5	16.5	Right Cheek	0.511	0.511	0.303	0.191	0.702	0.344	0.142	0.158	1.046	1.002
					21.5	21.5	18.5	16.5	Right Tilt	0.145	0.145	0.098	0.062	0.207	0.365	0.128	0.163	0.572	0.498
	ENDC_26A_n78A	LTE B26	ANT4	N78	ANT2	25	24	21.5	19.5	Left Cheek	0.467	0.371	0.419	0.264	0.635	0.571	0.226	0.242	1.206
25						24	21.5	19.5	Left Tilt	0.400	0.318	0.127	0.080	0.398	0.483	0.180	0.204	0.881	0.782
25						24	21.5	19.5	Right Cheek	0.646	0.513	1.044	0.659	1.172	0.344	0.142	0.158	1.516	1.472
25						24	21.5	19.5	Right Tilt	0.450	0.357	0.307	0.194	0.551	0.365	0.128	0.163	0.916	0.842
LTE B26		ANT4	N78	ANT3	19	19	19	19	Left Cheek	0.467	0.371	0.617	0.617	0.988	0.571	0.226	0.242	1.559	1.456
					19	19	19	19	Left Tilt	0.400	0.318	0.685	0.685	1.003	0.483	0.180	0.204	1.486	1.387
					19	19	19	19	Right Cheek	0.646	0.513	0.514	0.514	1.027	0.344	0.142	0.158	1.371	1.327
					19	19	19	19	Right Tilt	0.450	0.357	0.601	0.601	0.958	0.365	0.128	0.163	1.323	1.249
LTE B26		ANT4	N78	ANT5	18	18	18	18	Left Cheek	0.467	0.371	0.635	0.635	1.006	0.571	0.226	0.242	1.577	1.474
					18	18	18	18	Left Tilt	0.400	0.318	0.384	0.384	0.702	0.483	0.180	0.204	1.185	1.086
					18	18	18	18	Right Cheek	0.646	0.513	0.224	0.224	0.737	0.344	0.142	0.158	1.081	1.037
					18	18	18	18	Right Tilt	0.450	0.357	0.185	0.185	0.542	0.365	0.128	0.163	0.907	0.833
LTE B26		ANT4	N78	ANT6	18.5	16.5	18.5	16.5	Left Cheek	0.467	0.371	0.983	0.620	0.991	0.571	0.226	0.242	1.562	1.459
					18.5	16.5	18.5	16.5	Left Tilt	0.400	0.318	0.199	0.126	0.443	0.483	0.180	0.204	0.926	0.827
					18.5	16.5	18.5	16.5	Right Cheek	0.646	0.513	0.303	0.191	0.704	0.344	0.142	0.158	1.048	1.004
					18.5	16.5	18.5	16.5	Right Tilt	0.450	0.357	0.098	0.062	0.419	0.365	0.128	0.163	0.784	0.710
ENDC_38A_n78A	LTE B38	ANT2	N78	ANT3	22	22	19	19	Left Cheek	0.141	0.141	0.617	0.617	0.758	0.571	0.226	0.242	1.329	1.226
					22	22	19	19	Left Tilt	0.061	0.061	0.685	0.685	0.746	0.483	0.180	0.204	1.229	1.130
					22	22	19	19	Right Cheek	0.429	0.429	0.514	0.514	0.943	0.344	0.142	0.158	1.287	1.243
					22	22	19	19	Right Tilt	0.138	0.138	0.601	0.601	0.739	0.365	0.128	0.163	1.104	1.030
	LTE B38	ANT2	N78	ANT5	22	22	18	18	Left Cheek	0.141	0.141	0.635	0.635	0.776	0.571	0.226	0.242	1.347	1.244
					22	22	18	18	Left Tilt	0.061	0.061	0.384	0.384	0.445	0.483	0.180	0.204	0.928	0.829
					22	22	18	18	Right Cheek	0.429	0.429	0.224	0.224	0.653	0.344	0.142	0.158	0.997	0.953
					22	22	18	18	Right Tilt	0.138	0.138	0.185	0.185	0.323	0.365	0.128	0.163	0.688	0.614
	LTE B38	ANT2	N78	ANT6	18.5	16.5	18.5	16.5	Left Cheek	0.141	0.141	0.983	0.620	0.761	0.571	0.226	0.242	1.332	1.229
					18.5	16.5	18.5	16.5	Left Tilt	0.061	0.061	0.199	0.126	0.187	0.483	0.180	0.204	0.670	0.571
					18.5	16.5	18.5	16.5	Right Cheek	0.429	0.429	0.303	0.191	0.620	0.344	0.142	0.158	0.964	0.920
					18.5	16.5	18.5	16.5	Right Tilt	0.138	0.138	0.098	0.062	0.200	0.365	0.128	0.163	0.565	0.491
ENDC_41A_n78A	LTE B41	ANT2	N78	ANT3	21.5	21.5	19	19	Left Cheek	0.363	0.363	0.617	0.617	0.980	0.571	0.226	0.242	1.551	1.448
					21.5	21.5	19	19	Left Tilt	0.139	0.139	0.685	0.685	0.824	0.483	0.180	0.204	1.307	1.208
					21.5	21.5	19	19	Right Cheek	0.698	0.698	0.514	0.514	1.212	0.344	0.142	0.158	1.556	1.512
					21.5	21.5	19	19	Right Tilt	0.271	0.271	0.601	0.601	0.872	0.365	0.128	0.163	1.237	1.163

ENDC_66A_n78A	LTE B41	ANT2	21.5	21.5	N78	ANT5	18	18	Left Cheek	0.363	0.363	0.635	0.635	0.998	0.571	0.226	0.242	1.569	1.466
			21.5	21.5			18	18	Left Tilt	0.139	0.139	0.384	0.384	0.523	0.483	0.180	0.204	1.006	0.907
			21.5	21.5			18	18	Right Cheek	0.698	0.698	0.224	0.224	0.922	0.344	0.142	0.158	1.266	1.222
			21.5	21.5			18	18	Right Tilt	0.271	0.271	0.185	0.185	0.456	0.365	0.128	0.163	0.821	0.747
	LTE B41	ANT2	N78	ANT6	18.5	16.5	Left Cheek	0.363	0.363	0.983	0.620	0.983	0.571	0.226	0.242	1.554	1.451		
					18.5	16.5	Left Tilt	0.139	0.139	0.199	0.126	0.265	0.483	0.180	0.204	0.748	0.649		
					18.5	16.5	Right Cheek	0.698	0.698	0.303	0.191	0.889	0.344	0.142	0.158	1.233	1.189		
					18.5	16.5	Right Tilt	0.271	0.271	0.098	0.062	0.333	0.365	0.128	0.163	0.698	0.624		
ENDC_66A_n78A	LTE B66	ANT2	N78	ANT3	19	19	Left Cheek	0.214	0.214	0.617	0.617	0.831	0.571	0.226	0.242	1.402	1.299		
					19	19	Left Tilt	0.039	0.039	0.685	0.685	0.724	0.483	0.180	0.204	1.207	1.108		
					19	19	Right Cheek	0.539	0.539	0.514	0.514	1.053	0.344	0.142	0.158	1.397	1.353		
					19	19	Right Tilt	0.084	0.084	0.601	0.601	0.685	0.365	0.128	0.163	1.050	0.976		
	LTE B66	ANT2	N78	ANT5	18	18	Left Cheek	0.214	0.214	0.635	0.635	0.849	0.571	0.226	0.242	1.420	1.317		
					18	18	Left Tilt	0.039	0.039	0.384	0.384	0.423	0.483	0.180	0.204	0.906	0.807		
					18	18	Right Cheek	0.539	0.539	0.224	0.224	0.763	0.344	0.142	0.158	1.107	1.063		
					18	18	Right Tilt	0.084	0.084	0.185	0.185	0.269	0.365	0.128	0.163	0.634	0.560		
	LTE B66	ANT2	N78	ANT6	18.5	16.5	Left Cheek	0.214	0.214	0.983	0.620	0.834	0.571	0.226	0.242	1.405	1.302		
					18.5	16.5	Left Tilt	0.039	0.039	0.199	0.126	0.165	0.483	0.180	0.204	0.648	0.549		
					18.5	16.5	Right Cheek	0.539	0.539	0.303	0.191	0.730	0.344	0.142	0.158	1.074	1.030		
					18.5	16.5	Right Tilt	0.084	0.084	0.098	0.062	0.146	0.365	0.128	0.163	0.511	0.437		

Note:
1: The highest Summed 1g SAR is 1.595 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

13.2.2 Body-worn&Hotspot Simultaneous Transmission SAR Evaluation for ENDC Antenna with WLAN and Bluetooth

Band	ENDC LTE Band	LTE Antenna	LTE Tune up	ENDC LTE Tune up	ENDC NR Band	NR Antenna	NR SA Tune up	NR NSA Tune up	Position	Stand alone SAR								SUM SAR	
										1		2		3	4	3	4	Sum SAR (3+4)	Sum SAR (3+5+6)
										LTE LTE	ENDC LTE	NR SA	NR NSA	LTE+NR (ENDC)	2.4 GWIFI	Max. 5GWIFI	Bluetooth		
ENDC_7A_n5A	LTE B7	ANT2	24	24	N5	ANT4	25.5	25.5	Front Side 10mm	0.119	0.119	0.188	0.188	0.307	0.100	0.177	0.038	0.407	0.522
			24	24			25.5	25.5	Back Side 10mm	0.275	0.275	0.284	0.284	0.559	0.139	0.345	0.059	0.698	0.963
			24	24			25.5	25.5	Left Edge 10mm	0.583	0.583	0.111	0.111	0.694	0.000	0.000	0.000	0.694	0.694
			24	24			25.5	25.5	Top Edge 10mm	0.090	0.090	0.224	0.224	0.314	0.156	0.325	0.083	0.470	0.722
ENDC_5A_n7A	LTE B5	ANT4	25.5	25.5	N7	ANT1	20	19	Front Side 10mm	0.189	0.189	0.228	0.181	0.370	0.100	0.177	0.038	0.470	0.585
			25.5	25.5			20	19	Back Side 10mm	0.281	0.281	0.320	0.254	0.535	0.139	0.345	0.059	0.674	0.939
			25.5	25.5			20	19	Left Edge 10mm	0.115	0.115	0.121	0.096	0.211	0.000	0.000	0.000	0.211	0.211
			25.5	25.5			20	19	Right Edge 10mm	0.000	0.000	0.317	0.252	0.252	0.052	0.070	0.025	0.304	0.347
			25.5	25.5			20	19	Top Edge 10mm	0.291	0.291	0.000	0.000	0.291	0.156	0.325	0.083	0.447	0.699
			25.5	25.5			20	19	Bottom Edge 10mm	0.000	0.000	0.588	0.467	0.467	0.000	0.000	0.000	0.467	0.467
ENDC_66A_n7A	LTE B66	ANT2	23	23	N7	ANT1	20	19	Front Side 10mm	0.194	0.194	0.228	0.181	0.375	0.100	0.177	0.038	0.475	0.590
			23	23			20	19	Back Side 10mm	0.484	0.484	0.320	0.254	0.738	0.139	0.345	0.059	0.877	1.142
			23	23			20	19	Left Edge 10mm	0.784	0.784	0.121	0.096	0.880	0.000	0.000	0.000	0.880	0.880
			23	23			20	19	Right Edge 10mm	0.000	0.000	0.317	0.252	0.252	0.052	0.070	0.025	0.304	0.347
			23	23			20	19	Top Edge 10mm	0.071	0.071	0.000	0.000	0.071	0.156	0.325	0.083	0.227	0.479
			23	23			20	19	Bottom Edge 10mm	0.000	0.000	0.588	0.467	0.467	0.000	0.000	0.000	0.467	0.467
ENDC_66A_n38A	LTE B66	ANT2	23	23	N38	ANT1	19	19	Front Side 10mm	0.194	0.194	0.177	0.177	0.371	0.100	0.177	0.038	0.471	0.586
			23	23			19	19	Back Side 10mm	0.484	0.484	0.240	0.240	0.724	0.139	0.345	0.059	0.863	1.128
			23	23			19	19	Left Edge 10mm	0.784	0.784	0.063	0.063	0.847	0.000	0.000	0.000	0.847	0.847
			23	23			19	19	Right Edge 10mm	0.000	0.000	0.294	0.294	0.294	0.052	0.070	0.025	0.346	0.389
			23	23			19	19	Top Edge 10mm	0.071	0.071	0.000	0.000	0.071	0.156	0.325	0.083	0.227	0.479
			23	23			19	19	Bottom Edge 10mm	0.000	0.000	0.379	0.379	0.379	0.000	0.000	0.000	0.379	0.379
	LTE B66	ANT2	23	23	N38	ANT4	21.5	20.5	Front Side 10mm	0.194	0.194	0.255	0.203	0.397	0.100	0.177	0.038	0.497	0.612
			23	23			21.5	20.5	Back Side 10mm	0.484	0.484	0.536	0.426	0.910	0.139	0.345	0.059	1.049	1.314
			23	23			21.5	20.5	Left Edge 10mm	0.784	0.784	0.079	0.063	0.847	0.000	0.000	0.000	0.847	0.847
			23	23			21.5	20.5	Top Edge 10mm	0.071	0.071	0.732	0.581	0.652	0.156	0.325	0.083	0.808	1.060
ENDC_66A_n41A	LTE B66	ANT2	23	23	N41	ANT1	19	19	Front Side 10mm	0.194	0.194	0.203	0.203	0.397	0.100	0.177	0.038	0.497	0.612
			23	23			19	19	Back Side 10mm	0.484	0.484	0.260	0.260	0.744	0.139	0.345	0.059	0.883	1.148
			23	23			19	19	Left Edge 10mm	0.784	0.784	0.078	0.078	0.862	0.000	0.000	0.000	0.862	0.862
			23	23			19	19	Right Edge 10mm	0.000	0.000	0.066	0.066	0.066	0.052	0.070	0.025	0.118	0.161
			23	23			19	19	Top Edge 10mm	0.071	0.071	0.000	0.000	0.071	0.156	0.325	0.083	0.227	0.479
			23	23			19	19	Bottom Edge 10mm	0.000	0.000	0.317	0.317	0.317	0.000	0.000	0.000	0.317	0.317

	LTE B66	ANT2	23	23	N41	ANT4	19.5	19	Front Side 10mm	0.194	0.194	0.140	0.125	0.319	0.100	0.177	0.038	0.419	0.534	
			23	23			19.5	19	Back Side 10mm	0.484	0.484	0.303	0.270	0.754	0.139	0.345	0.059	0.893	1.158	
			23	23			19.5	19	Left Edge 10mm	0.784	0.784	0.046	0.041	0.825	0.000	0.000	0.000	0.825	0.825	
			23	23			19.5	19	Top Edge 10mm	0.071	0.071	0.416	0.371	0.442	0.156	0.325	0.083	0.598	0.850	
ENDC_41A_n41A	LTE B41	ANT2	24.5	24.5	N41	ANT1	19	19	Front Side 10mm	0.150	0.150	0.203	0.203	0.353	0.100	0.177	0.038	0.453	0.568	
			24.5	24.5			19	19	Back Side 10mm	0.339	0.339	0.260	0.260	0.599	0.139	0.345	0.059	0.738	1.003	
			24.5	24.5			19	19	Left Edge 10mm	0.725	0.725	0.078	0.078	0.803	0.000	0.000	0.000	0.803	0.803	
			24.5	24.5			19	19	Right Edge 10mm	0.000	0.000	0.066	0.066	0.066	0.052	0.070	0.025	0.118	0.161	
			24.5	24.5			19	19	Top Edge 10mm	0.121	0.121	0.000	0.000	0.121	0.156	0.325	0.083	0.277	0.529	
			24.5	24.5			19	19	Bottom Edge 10mm	0.000	0.000	0.317	0.317	0.317	0.000	0.000	0.000	0.317	0.317	
	LTE B41	ANT2	24.5	24.5	N41	ANT4	19.5	19	Front Side 10mm	0.150	0.150	0.140	0.125	0.275	0.100	0.177	0.038	0.375	0.490	
			24.5	24.5			19.5	19	Back Side 10mm	0.339	0.339	0.303	0.270	0.609	0.139	0.345	0.059	0.748	1.013	
			24.5	24.5			19.5	19	Left Edge 10mm	0.725	0.725	0.046	0.041	0.766	0.000	0.000	0.000	0.766	0.766	
			24.5	24.5			19.5	19	Top Edge 10mm	0.121	0.121	0.416	0.371	0.492	0.156	0.325	0.083	0.648	0.900	
	ENDC_2A_n66A	LTE B2	ANT2	21	21	N66	ANT1	21.5	21	Front Side 10mm	0.167	0.167	0.268	0.239	0.406	0.100	0.177	0.038	0.506	0.621
				21	21			21.5	21	Back Side 10mm	0.233	0.233	0.526	0.469	0.702	0.139	0.345	0.059	0.841	1.106
21				21	21.5			21	Left Edge 10mm	0.684	0.684	0.198	0.176	0.860	0.000	0.000	0.000	0.860	0.860	
21				21	21.5			21	Right Edge 10mm	0.000	0.000	0.096	0.086	0.086	0.052	0.070	0.025	0.138	0.181	
21				21	21.5			21	Top Edge 10mm	0.037	0.037	0.000	0.000	0.037	0.156	0.325	0.083	0.193	0.445	
21				21	21.5			21	Bottom Edge 10mm	0.000	0.000	0.813	0.725	0.725	0.000	0.000	0.000	0.725	0.725	
ENDC_5A_n66A	LTE B5	ANT4	25.5	25.5	N66	ANT1	21.5	21	Front Side 10mm	0.189	0.189	0.268	0.239	0.428	0.100	0.177	0.038	0.528	0.643	
			25.5	25.5			21.5	21	Back Side 10mm	0.281	0.281	0.526	0.469	0.750	0.139	0.345	0.059	0.889	1.154	
			25.5	25.5			21.5	21	Left Edge 10mm	0.115	0.115	0.198	0.176	0.291	0.000	0.000	0.000	0.291	0.291	
			25.5	25.5			21.5	21	Right Edge 10mm	0.000	0.000	0.096	0.086	0.086	0.052	0.070	0.025	0.138	0.181	
			25.5	25.5			21.5	21	Top Edge 10mm	0.291	0.291	0.000	0.000	0.291	0.156	0.325	0.083	0.447	0.699	
			25.5	25.5			21.5	21	Bottom Edge 10mm	0.000	0.000	0.813	0.725	0.725	0.000	0.000	0.000	0.725	0.725	
ENDC_12A_n66A	LTE B12	ANT4	25.5	25.5	N66	ANT1	21.5	21	Front Side 10mm	0.055	0.055	0.268	0.239	0.294	0.100	0.177	0.038	0.394	0.509	
			25.5	25.5			21.5	21	Back Side 10mm	0.079	0.079	0.526	0.469	0.548	0.139	0.345	0.059	0.687	0.952	
			25.5	25.5			21.5	21	Left Edge 10mm	0.089	0.089	0.198	0.176	0.265	0.000	0.000	0.000	0.265	0.265	
			25.5	25.5			21.5	21	Right Edge 10mm	0.000	0.000	0.096	0.086	0.086	0.052	0.070	0.025	0.138	0.181	
			25.5	25.5			21.5	21	Top Edge 10mm	0.070	0.070	0.000	0.000	0.070	0.156	0.325	0.083	0.226	0.478	
			25.5	25.5			21.5	21	Bottom Edge 10mm	0.000	0.000	0.813	0.725	0.725	0.000	0.000	0.000	0.725	0.725	
ENDC_2A_n78A	LTE B2	ANT2	21	21	N78	ANT3	21.5	18.5	Front Side 10mm	0.167	0.167	0.332	0.166	0.333	0.100	0.177	0.038	0.433	0.548	
			21	21			21.5	18.5	Back Side 10mm	0.233	0.233	0.568	0.285	0.518	0.139	0.345	0.059	0.657	0.922	
			21	21			21.5	18.5	Left Edge 10mm	0.684	0.684	0.000	0.000	0.684	0.000	0.000	0.000	0.684	0.684	
			21	21			21.5	18.5	Top Edge 10mm	0.037	0.037	0.668	0.335	0.372	0.156	0.325	0.083	0.528	0.780	
	LTE B2	ANT2	21	21	N78	ANT5	21	20	Front Side 10mm	0.167	0.167	0.000	0.000	0.167	0.100	0.177	0.038	0.267	0.382	
			21	21			21	20	Back Side 10mm	0.233	0.233	0.000	0.000	0.233	0.139	0.345	0.059	0.372	0.637	
			21	21			21	20	Left Edge 10mm	0.684	0.684	0.000	0.000	0.684	0.000	0.000	0.000	0.684	0.684	

	LTE B2	ANT2	21	21	N78	ANT6	21	20	Top Edge 10mm	0.037	0.037	0.000	0.000	0.037	0.156	0.325	0.083	0.193	0.445
			21	21			21.5	21	Front Side 10mm	0.167	0.167	0.000	0.000	0.167	0.100	0.177	0.038	0.267	0.382
			21	21			21.5	21	Back Side 10mm	0.233	0.233	0.000	0.000	0.233	0.139	0.345	0.059	0.372	0.637
			21	21			21.5	21	Left Edge 10mm	0.684	0.684	0.000	0.000	0.684	0.000	0.000	0.000	0.684	0.684
	LTE B5	ANT4	25.5	25.5	N78	ANT2	23.5	22.5	Front Side 10mm	0.189	0.189	0.376	0.299	0.488	0.100	0.177	0.038	0.588	0.703
			25.5	25.5			23.5	22.5	Back Side 10mm	0.281	0.281	0.744	0.591	0.872	0.139	0.345	0.059	1.011	1.276
			25.5	25.5			23.5	22.5	Left Edge 10mm	0.115	0.115	0.980	0.778	0.893	0.000	0.000	0.000	0.893	0.893
			25.5	25.5			23.5	22.5	Top Edge 10mm	0.291	0.291	0.262	0.208	0.499	0.156	0.325	0.083	0.655	0.907
ENDC_5A_n78A	LTE B5	ANT4	25.5	25.5	N78	ANT3	21.5	18.5	Front Side 10mm	0.189	0.189	0.332	0.166	0.355	0.100	0.177	0.038	0.455	0.570
			25.5	25.5			21.5	18.5	Back Side 10mm	0.281	0.281	0.568	0.285	0.566	0.139	0.345	0.059	0.705	0.970
			25.5	25.5			21.5	18.5	Left Edge 10mm	0.115	0.115	0.000	0.000	0.115	0.000	0.000	0.000	0.115	0.115
			25.5	25.5			21.5	18.5	Top Edge 10mm	0.291	0.291	0.668	0.335	0.626	0.156	0.325	0.083	0.782	1.034
	LTE B5	ANT4	25.5	25.5	N78	ANT5	21	20	Front Side 10mm	0.189	0.189	0.000	0.000	0.189	0.100	0.177	0.038	0.289	0.404
			25.5	25.5			21	20	Back Side 10mm	0.281	0.281	0.000	0.000	0.281	0.139	0.345	0.059	0.420	0.685
			25.5	25.5			21	20	Left Edge 10mm	0.115	0.115	0.000	0.000	0.115	0.000	0.000	0.000	0.115	0.115
			25.5	25.5			21	20	Top Edge 10mm	0.291	0.291	0.000	0.000	0.291	0.156	0.325	0.083	0.447	0.699
	LTE B5	ANT4	25.5	25.5	N78	ANT6	21.5	21	Front Side 10mm	0.189	0.189	0.000	0.000	0.189	0.100	0.177	0.038	0.289	0.404
			25.5	25.5			21.5	21	Back Side 10mm	0.281	0.281	0.000	0.000	0.281	0.139	0.345	0.059	0.420	0.685
			25.5	25.5			21.5	21	Left Edge 10mm	0.115	0.115	0.000	0.000	0.115	0.000	0.000	0.000	0.115	0.115
			25.5	25.5			21.5	21	Top Edge 10mm	0.291	0.291	0.000	0.000	0.291	0.156	0.325	0.083	0.447	0.699
ENDC_7A_n78A	LTE B7	ANT2	24	24	N78	ANT3	21.5	18.5	Front Side 10mm	0.119	0.119	0.332	0.166	0.285	0.100	0.177	0.038	0.385	0.500
			24	24			21.5	18.5	Back Side 10mm	0.275	0.275	0.568	0.285	0.560	0.139	0.345	0.059	0.699	0.964
			24	24			21.5	18.5	Left Edge 10mm	0.583	0.583	0.000	0.000	0.583	0.000	0.000	0.000	0.583	0.583
			24	24			21.5	18.5	Top Edge 10mm	0.090	0.090	0.668	0.335	0.425	0.156	0.325	0.083	0.581	0.833
	LTE B7	ANT2	24	24	N78	ANT5	21	20	Front Side 10mm	0.119	0.119	0.278	0.221	0.340	0.100	0.177	0.038	0.440	0.555
			24	24			21	20	Back Side 10mm	0.275	0.275	0.423	0.336	0.611	0.139	0.345	0.059	0.750	1.015
			24	24			21	20	Left Edge 10mm	0.583	0.583	0.000	0.000	0.583	0.000	0.000	0.000	0.583	0.583
			24	24			21	20	Right Edge 10mm	0.000	0.000	0.428	0.340	0.340	0.052	0.070	0.025	0.392	0.435
	LTE B7	ANT2	24	24	N78	ANT6	21.5	21	Front Side 10mm	0.119	0.119	0.265	0.236	0.355	0.100	0.177	0.038	0.455	0.570
			24	24			21.5	21	Back Side 10mm	0.275	0.275	0.514	0.458	0.733	0.139	0.345	0.059	0.872	1.137
			24	24			21.5	21	Left Edge 10mm	0.583	0.583	0.000	0.000	0.583	0.000	0.000	0.000	0.583	0.583
			24	24			21.5	21	Right Edge 10mm	0.000	0.000	0.583	0.520	0.520	0.052	0.070	0.025	0.572	0.615
	LTE B7	ANT2	24	24	N78	ANT6	21.5	21	Top Edge 10mm	0.090	0.090	0.000	0.000	0.090	0.156	0.325	0.083	0.246	0.498
			25	25			23.5	22.5	Front Side 10mm	0.128	0.128	0.376	0.299	0.427	0.100	0.177	0.038	0.527	0.642
			25	25			23.5	22.5	Back Side 10mm	0.200	0.200	0.744	0.591	0.791	0.139	0.345	0.059	0.930	1.195
			25	25			23.5	22.5	Left Edge 10mm	0.075	0.075	0.980	0.778	0.853	0.000	0.000	0.000	0.853	0.853
ENDC_26A_n78A	LTE B26	ANT4	25	25	N78	ANT2	23.5	22.5	Top Edge 10mm	0.168	0.168	0.262	0.208	0.376	0.156	0.325	0.083	0.532	0.784
			25	25			21.5	18.5	Front Side 10mm	0.128	0.128	0.332	0.166	0.294	0.100	0.177	0.038	0.394	0.509
			25	25			21.5	18.5	Back Side 10mm	0.200	0.200	0.568	0.285	0.485	0.139	0.345	0.059	0.624	0.889
			25	25			21.5	18.5	Left Edge 10mm	0.075	0.075	0.000	0.000	0.075	0.000	0.000	0.000	0.075	0.075
	LTE B26	ANT4	25	25	N78	ANT3	21.5	18.5	Top Edge 10mm	0.168	0.168	0.668	0.335	0.503	0.156	0.325	0.083	0.659	0.911

	LTE B26	ANT4	25	25	N78	ANT5	21	20	Front Side 10mm	0.128	0.128	0.278	0.221	0.349	0.100	0.177	0.038	0.449	0.564
			25	25			21	20	Back Side 10mm	0.200	0.200	0.423	0.336	0.536	0.139	0.345	0.059	0.675	0.940
			25	25			21	20	Left Edge 10mm	0.075	0.075	0.000	0.000	0.075	0.000	0.000	0.000	0.075	0.075
			25	25			21	20	Right Edge 10mm	0.000	0.000	0.428	0.340	0.340	0.052	0.070	0.025	0.392	0.435
			25	25			21	20	Top Edge 10mm	0.168	0.168	0.280	0.222	0.390	0.156	0.325	0.083	0.546	0.798
	LTE B26	ANT4	25	25	N78	ANT6	21.5	21	Front Side 10mm	0.128	0.128	0.265	0.236	0.364	0.100	0.177	0.038	0.464	0.579
			25	25			21.5	21	Back Side 10mm	0.200	0.200	0.514	0.458	0.658	0.139	0.345	0.059	0.797	1.062
			25	25			21.5	21	Left Edge 10mm	0.075	0.075	0.000	0.000	0.075	0.000	0.000	0.000	0.075	0.075
			25	25			21.5	21	Right Edge 10mm	0.000	0.000	0.583	0.520	0.520	0.052	0.070	0.025	0.572	0.615
			25	25			21.5	21	Top Edge 10mm	0.168	0.168	0.000	0.000	0.168	0.156	0.325	0.083	0.324	0.576
ENDC_38A_n78A	LTE B38	ANT2	24.5	24.5	N78	ANT3	21.5	18.5	Front Side 10mm	0.176	0.176	0.332	0.166	0.342	0.100	0.177	0.038	0.442	0.557
			24.5	24.5			21.5	18.5	Back Side 10mm	0.358	0.358	0.568	0.285	0.643	0.139	0.345	0.059	0.782	1.047
			24.5	24.5			21.5	18.5	Left Edge 10mm	0.784	0.784	0.000	0.000	0.784	0.000	0.000	0.000	0.784	0.784
			24.5	24.5			21.5	18.5	Top Edge 10mm	0.101	0.101	0.668	0.335	0.436	0.156	0.325	0.083	0.592	0.844
	LTE B38	ANT2	24.5	24.5	N78	ANT5	21	20	Front Side 10mm	0.176	0.176	0.278	0.221	0.397	0.100	0.177	0.038	0.497	0.612
			24.5	24.5			21	20	Back Side 10mm	0.358	0.358	0.423	0.336	0.694	0.139	0.345	0.059	0.833	1.098
			24.5	24.5			21	20	Left Edge 10mm	0.784	0.784	0.000	0.000	0.784	0.000	0.000	0.000	0.784	0.784
			24.5	24.5			21	20	Right Edge 10mm	0.000	0.000	0.428	0.340	0.340	0.052	0.070	0.025	0.392	0.435
			24.5	24.5			21	20	Top Edge 10mm	0.101	0.101	0.280	0.222	0.323	0.156	0.325	0.083	0.479	0.731
	LTE B38	ANT2	24.5	24.5	N78	ANT6	21.5	21	Front Side 10mm	0.176	0.176	0.265	0.236	0.412	0.100	0.177	0.038	0.512	0.627
24.5			24.5	21.5			21	Back Side 10mm	0.358	0.358	0.514	0.458	0.816	0.139	0.345	0.059	0.955	1.220	
24.5			24.5	21.5			21	Left Edge 10mm	0.784	0.784	0.000	0.000	0.784	0.000	0.000	0.000	0.784	0.784	
24.5			24.5	21.5			21	Right Edge 10mm	0.000	0.000	0.583	0.520	0.520	0.052	0.070	0.025	0.572	0.615	
24.5			24.5	21.5			21	Top Edge 10mm	0.101	0.101	0.000	0.000	0.101	0.156	0.325	0.083	0.257	0.509	
ENDC_41A_n78A	LTE B41	ANT2	24.5	24.5	N78	ANT3	21.5	18.5	Front Side 10mm	0.150	0.150	0.332	0.166	0.316	0.100	0.177	0.038	0.416	0.531
			24.5	24.5			21.5	18.5	Back Side 10mm	0.339	0.339	0.568	0.285	0.624	0.139	0.345	0.059	0.763	1.028
			24.5	24.5			21.5	18.5	Left Edge 10mm	0.725	0.725	0.000	0.000	0.725	0.000	0.000	0.000	0.725	0.725
			24.5	24.5			21.5	18.5	Top Edge 10mm	0.121	0.121	0.668	0.335	0.456	0.156	0.325	0.083	0.612	0.864
	LTE B41	ANT2	24.5	24.5	N78	ANT5	21	20	Front Side 10mm	0.150	0.150	0.278	0.221	0.371	0.100	0.177	0.038	0.471	0.586
			24.5	24.5			21	20	Back Side 10mm	0.339	0.339	0.423	0.336	0.675	0.139	0.345	0.059	0.814	1.079
			24.5	24.5			21	20	Left Edge 10mm	0.725	0.725	0.000	0.000	0.725	0.000	0.000	0.000	0.725	0.725
			24.5	24.5			21	20	Right Edge 10mm	0.000	0.000	0.428	0.340	0.340	0.052	0.070	0.025	0.392	0.435
			24.5	24.5			21	20	Top Edge 10mm	0.121	0.121	0.280	0.222	0.343	0.156	0.325	0.083	0.499	0.751
	LTE B41	ANT2	24.5	24.5	N78	ANT6	21.5	21	Front Side 10mm	0.150	0.150	0.265	0.236	0.386	0.100	0.177	0.038	0.486	0.601
24.5			24.5	21.5			21	Back Side 10mm	0.339	0.339	0.514	0.458	0.797	0.139	0.345	0.059	0.936	1.201	
24.5			24.5	21.5			21	Left Edge 10mm	0.725	0.725	0.000	0.000	0.725	0.000	0.000	0.000	0.725	0.725	
24.5			24.5	21.5			21	Right Edge 10mm	0.000	0.000	0.583	0.520	0.520	0.052	0.070	0.025	0.572	0.615	
24.5			24.5	21.5			21	Top Edge 10mm	0.121	0.121	0.000	0.000	0.121	0.156	0.325	0.083	0.277	0.529	
ENDC_66A_n78A	LTE B66	ANT2	23	23	N78	ANT3	21.5	18.5	Front Side 10mm	0.194	0.194	0.332	0.166	0.360	0.100	0.177	0.038	0.460	0.575
			23	23			21.5	18.5	Back Side 10mm	0.484	0.484	0.568	0.285	0.769	0.139	0.345	0.059	0.908	1.173
			23	23			21.5	18.5	Left Edge 10mm	0.784	0.784	0.000	0.000	0.784	0.000	0.000	0.000	0.784	0.784
			23	23			21.5	18.5	Top Edge 10mm	0.071	0.071	0.668	0.335	0.406	0.156	0.325	0.083	0.562	0.814
		ANT2	23	23	N78	ANT5	21	20	Front Side 10mm	0.194	0.194	0.278	0.221	0.415	0.100	0.177	0.038	0.515	0.630

LTE B66		23	23			21	20	Back Side 10mm	0.484	0.484	0.423	0.336	0.820	0.139	0.345	0.059	0.959	1.224	
		23	23			21	20	Left Edge 10mm	0.784	0.784	0.000	0.000	0.784	0.000	0.000	0.000	0.784	0.784	
		23	23			21	20	Right Edge 10mm	0.000	0.000	0.428	0.340	0.340	0.052	0.070	0.025	0.392	0.435	
		23	23			21	20	Top Edge 10mm	0.071	0.071	0.280	0.222	0.293	0.156	0.325	0.083	0.449	0.701	
	LTE B66	ANT2	23	23	N78	ANT6	21.5	21	Front Side 10mm	0.194	0.194	0.265	0.236	0.430	0.100	0.177	0.038	0.530	0.645
			23	23			21.5	21	Back Side 10mm	0.484	0.484	0.514	0.458	0.942	0.139	0.345	0.059	1.081	1.346
			23	23			21.5	21	Left Edge 10mm	0.784	0.784	0.000	0.000	0.784	0.000	0.000	0.000	0.784	0.784
			23	23			21.5	21	Right Edge 10mm	0.000	0.000	0.583	0.520	0.520	0.052	0.070	0.025	0.572	0.615
		23	23			21.5	21	Top Edge 10mm	0.071	0.071	0.000	0.000	0.071	0.156	0.325	0.083	0.227	0.479	

Note:
 1: The highest Summed 1g SAR is 1.346 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.



13.2.3 Specific Simultaneous Transmission SAR Evaluation for ENDC Antenna with WLAN and Bluetooth

Band	ENDC LTE Band	LTE Antenna	LTE Tune up	ENDC LTE Tune up	ENDC NR Band	NR Antenna	NR SA Tune up	NR NSA Tune up	Position	Stand alone SAR								SUM SAR	
										1		2		3	4	3	4	Sum SAR (3+4)	Sum SAR (3+5+6)
										LTE LTE	ENDC LTE	NR SA	NR NSA	LTE+NR (ENDC)	2.4G WIFI	Max. 5GWIFI	Bluetooth		
ENDC_7A_n5A	LTE B7	ANT2	19.5	19.5	N5	ANT4	25.5	25.5	Left Edge 0mm	1.553	1.553	0.000	0.000	1.553	0.000	0.000	0.000	1.553	1.553
ENDC_66A_n7A	LTE B66	ANT2	20	20	N7	ANT1	20	19	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
			20	20			20	19	Bottom Edge 0mm	0.000	0.000	2.190	1.740	1.740	0.000	0.000	0.000	1.740	1.740
ENDC_66A_n38A	LTE B66	ANT2	20	20	N38	ANT1	19	19	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
			20	20			19	19	Bottom Edge 0mm	0.000	0.000	1.415	1.415	1.415	0.000	0.000	0.000	1.415	1.415
	LTE B66	ANT2	20	20	N38	ANT4	21.5	20.5	Back Side 0mm	0.000	0.000	1.811	1.439	1.439	0.000	0.357	0.000	1.439	1.796
			20	20			21.5	20.5	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
ENDC_66A_n41A	LTE B66	ANT2	20	20	N41	ANT1	19	19	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
			20	20			19	19	Bottom Edge 0mm	0.000	0.000	1.104	1.104	1.104	0.000	0.000	0.000	1.104	1.104
ENDC_66A_n41A	LTE B66	ANT2	20	20	N41	ANT4	19.5	19	Back Side 0mm	0.000	0.000	1.016	0.906	0.906	0.000	0.357	0.000	0.906	1.263
			20	20			19.5	19	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
	LTE B66	ANT2	20	20	N41	ANT4	19.5	19	Top Edge 0mm	0.000	0.000	2.070	1.845	1.845	0.000	0.773	0.000	1.845	2.618
			20	20			19	19	Left Edge 0mm	1.426	1.426	0.000	0.000	1.426	0.000	0.000	0.000	1.426	1.426
ENDC_41A_n41A	LTE B41	ANT2	21	21	N41	ANT1	19	19	Left Edge 0mm	1.426	1.426	0.000	0.000	1.426	0.000	0.000	0.000	1.426	1.426
			21	21			19	19	Bottom Edge 0mm	0.000	0.000	1.104	1.104	1.104	0.000	0.000	0.000	1.104	1.104
ENDC_41A_n41A	LTE B41	ANT2	21	21	N41	ANT4	19.5	19	Back Side 0mm	0.000	0.000	1.016	0.906	0.906	0.000	0.357	0.000	0.906	1.263
			21	21			19.5	19	Left Edge 0mm	1.426	1.426	0.000	0.000	1.426	0.000	0.000	0.000	1.426	1.426
	LTE B41	ANT2	21	21	N41	ANT4	19.5	19	Top Edge 0mm	0.000	0.000	2.070	1.845	1.845	0.000	0.773	0.000	1.845	2.618
			21	21			19.5	19	Left Edge 0mm	1.426	1.426	0.000	0.000	1.426	0.000	0.000	0.000	1.426	1.426
ENDC_2A_n66A	LTE B2	ANT2	20	20	N66	ANT1	21.5	21	Back Side 0mm	0.000	0.000	0.729	0.650	0.650	0.000	0.357	0.000	0.650	1.007
			20	20			21.5	21	Left Edge 0mm	1.901	1.901	0.000	0.000	1.901	0.000	0.000	0.000	1.901	1.901
			20	20			21.5	21	Bottom Edge 0mm	0.000	0.000	0.459	0.409	0.409	0.000	0.000	0.000	0.409	0.409
ENDC_5A_n66A	LTE B5	ANT4	25.5	25.5	N66	ANT1	21.5	21	Back Side 0mm	0.000	0.000	0.729	0.650	0.650	0.000	0.357	0.000	0.650	1.007
			25.5	25.5			21.5	21	Bottom Edge 0mm	0.000	0.000	0.459	0.409	0.409	0.000	0.000	0.000	0.409	0.409
ENDC_12A_n66A	LTE B12	ANT4	25.5	25.5	N66	ANT1	21.5	21	Back Side 0mm	0.000	0.000	0.729	0.650	0.650	0.000	0.357	0.000	0.650	1.007
			25.5	25.5			21.5	21	Bottom Edge 0mm	0.000	0.000	0.459	0.409	0.409	0.000	0.000	0.000	0.409	0.409
ENDC_2A_n78A	LTE B2	ANT2	20	20	N78	ANT3	21.5	18.5	Back Side 0mm	0.000	0.000	1.090	0.546	0.546	0.000	0.357	0.000	0.546	0.903
			20	20			21.5	18.5	Left Edge 0mm	1.901	1.901	0.000	0.000	1.901	0.000	0.000	0.000	1.901	1.901
			20	20			21.5	18.5	Top Edge 0mm	0.000	0.000	2.168	1.087	1.087	0.000	0.773	0.000	1.087	1.860
	LTE B2	ANT2	20	20	N78	ANT5	21	20	Back Side 0mm	0.000	0.000	0.764	0.607	0.607	0.000	0.357	0.000	0.607	0.964
			20	20			21	20	Left Edge 0mm	1.901	1.901	0.000	0.000	1.901	0.000	0.000	0.000	1.901	1.901
			20	20			21	20	Right Edge 0mm	0.000	0.000	2.275	1.807	1.807	0.000	0.199	0.000	1.807	2.006
	LTE B2	ANT2	20	20	N78	ANT6	21.5	21	Back Side 0mm	0.000	0.000	0.867	0.773	0.773	0.000	0.357	0.000	0.773	1.130
			20	20			21.5	21	Left Edge 0mm	1.901	1.901	0.000	0.000	1.901	0.000	0.000	0.000	1.901	1.901
			20	20			21.5	21	Right Edge 0mm	0.000	0.000	2.171	1.935	1.935	0.000	0.199	0.000	1.935	2.134

ENDC_5A_n78A	LTE B5	ANT4	25.5	25.5	N78	ANT2	22	21	Back Side 0mm	0.000	0.000	1.034	0.821	0.821	0.000	0.357	0.000	0.821	1.178	
			25.5	25.5			22	21	Left Edge 0mm	0.000	0.000	2.368	1.881	1.881	0.000	0.000	0.000	1.881	1.881	
	LTE B5	ANT4	25.5	25.5	N78	ANT3	21.5	18.5	Back Side 0mm	0.000	0.000	1.090	0.546	0.546	0.000	0.357	0.000	0.546	0.903	
			25.5	25.5			21.5	18.5	Top Edge 0mm	0.000	0.000	2.168	1.087	1.087	0.000	0.773	0.000	1.087	1.860	
	LTE B5	ANT4	25.5	25.5	N78	ANT5	21	20	Back Side 0mm	0.000	0.000	0.764	0.607	0.607	0.000	0.357	0.000	0.607	0.964	
			25.5	25.5			21	20	Right Edge 0mm	0.000	0.000	2.275	1.807	1.807	0.000	0.199	0.000	1.807	2.006	
	LTE B5	ANT4	25.5	25.5	N78	ANT6	21.5	21	Back Side 0mm	0.000	0.000	0.867	0.773	0.773	0.000	0.357	0.000	0.773	1.130	
			25.5	25.5			21.5	21	Right Edge 0mm	0.000	0.000	2.171	1.935	1.935	0.000	0.199	0.000	1.935	2.134	
ENDC_7A_n78A	LTE B7	ANT2	19.5	19.5	N78	ANT3	21.5	18.5	Back Side 0mm	0.000	0.000	1.090	0.546	0.546	0.000	0.357	0.000	0.546	0.903	
			19.5	19.5			21.5	18.5	Left Edge 0mm	1.553	1.553	0.000	0.000	1.553	0.000	0.000	0.000	1.553	1.553	
			19.5	19.5			21.5	18.5	Top Edge 0mm	0.000	0.000	2.168	1.087	1.087	0.000	0.773	0.000	1.087	1.860	
	LTE B7	ANT2	19.5	19.5	N78	ANT5	21	20	Back Side 0mm	0.000	0.000	0.764	0.607	0.607	0.000	0.357	0.000	0.607	0.964	
			19.5	19.5			21	20	Left Edge 0mm	1.553	1.553	0.000	0.000	1.553	0.000	0.000	0.000	1.553	1.553	
			19.5	19.5			21	20	Right Edge 0mm	0.000	0.000	2.275	1.807	1.807	0.000	0.199	0.000	1.807	2.006	
	LTE B7	ANT2	19.5	19.5	N78	ANT6	21.5	21	Back Side 0mm	0.000	0.000	0.867	0.773	0.773	0.000	0.357	0.000	0.773	1.130	
			19.5	19.5			21.5	21	Left Edge 0mm	1.553	1.553	0.000	0.000	1.553	0.000	0.000	0.000	1.553	1.553	
			19.5	19.5			21.5	21	Right Edge 0mm	0.000	0.000	2.171	1.935	1.935	0.000	0.199	0.000	1.935	2.134	
	ENDC_26A_n78A	LTE B26	ANT4	25	25	N78	ANT2	22	21	Back Side 0mm	0.000	0.000	1.034	0.821	0.821	0.000	0.357	0.000	0.821	1.178
				25	25			22	21	Left Edge 0mm	0.000	0.000	2.368	1.881	1.881	0.000	0.000	0.000	1.881	1.881
		LTE B26	ANT4	25	25	N78	ANT3	21.5	18.5	Back Side 0mm	0.000	0.000	1.090	0.546	0.546	0.000	0.357	0.000	0.546	0.903
25				25	21.5			18.5	Top Edge 0mm	0.000	0.000	2.168	1.087	1.087	0.000	0.773	0.000	1.087	1.860	
LTE B26		ANT4	25	25	N78	ANT5	21	20	Back Side 0mm	0.000	0.000	0.764	0.607	0.607	0.000	0.357	0.000	0.607	0.964	
			25	25			21	20	Right Edge 0mm	0.000	0.000	2.275	1.807	1.807	0.000	0.199	0.000	1.807	2.006	
LTE B26		ANT4	25	25	N78	ANT6	21.5	21	Back Side 0mm	0.000	0.000	0.867	0.773	0.773	0.000	0.357	0.000	0.773	1.130	
			25	25			21.5	21	Right Edge 0mm	0.000	0.000	2.171	1.935	1.935	0.000	0.199	0.000	1.935	2.134	
ENDC_38A_n78A	LTE B38	ANT2	21	21	N78	ANT3	21.5	18.5	Back Side 0mm	0.000	0.000	1.090	0.546	0.546	0.000	0.357	0.000	0.546	0.903	
			21	21			21.5	18.5	Left Edge 0mm	1.404	1.404	0.000	0.000	1.404	0.000	0.000	0.000	1.404	1.404	
			21	21			21.5	18.5	Top Edge 0mm	0.000	0.000	2.168	1.087	1.087	0.000	0.773	0.000	1.087	1.860	
	LTE B38	ANT2	21	21	N78	ANT5	21	20	Back Side 0mm	0.000	0.000	0.764	0.607	0.607	0.000	0.357	0.000	0.607	0.964	
			21	21			21	20	Left Edge 0mm	1.404	1.404	0.000	0.000	1.404	0.000	0.000	0.000	1.404	1.404	
			21	21			21	20	Right Edge 0mm	0.000	0.000	2.275	1.807	1.807	0.000	0.199	0.000	1.807	2.006	
	LTE B38	ANT2	21	21	N78	ANT6	21.5	21	Back Side 0mm	0.000	0.000	0.867	0.773	0.773	0.000	0.357	0.000	0.773	1.130	
			21	21			21.5	21	Left Edge 0mm	1.404	1.404	0.000	0.000	1.404	0.000	0.000	0.000	1.404	1.404	
			21	21			21.5	21	Right Edge 0mm	0.000	0.000	2.171	1.935	1.935	0.000	0.199	0.000	1.935	2.134	
ENDC_41A_n78A	LTE B41	ANT2	21	21	N78	ANT3	21.5	18.5	Back Side 0mm	0.000	0.000	1.090	0.546	0.546	0.000	0.357	0.000	0.546	0.903	
			21	21			21.5	18.5	Left Edge 0mm	1.426	1.426	0.000	0.000	1.426	0.000	0.000	0.000	1.426	1.426	
			21	21			21.5	18.5	Top Edge 0mm	0.000	0.000	2.168	1.087	1.087	0.000	0.773	0.000	1.087	1.860	
	LTE B41	ANT2	21	21	N78	ANT5	21	20	Back Side 0mm	0.000	0.000	0.764	0.607	0.607	0.000	0.357	0.000	0.607	0.964	
			21	21			21	20	Left Edge 0mm	1.426	1.426	0.000	0.000	1.426	0.000	0.000	0.000	1.426	1.426	
			21	21			21	20	Right Edge 0mm	0.000	0.000	2.275	1.807	1.807	0.000	0.199	0.000	1.807	2.006	
	LTE B41	ANT2	21	21	N78	ANT6	21.5	21	Back Side 0mm	0.000	0.000	0.867	0.773	0.773	0.000	0.357	0.000	0.773	1.130	
			21	21			21.5	21	Left Edge 0mm	1.426	1.426	0.000	0.000	1.426	0.000	0.000	0.000	1.426	1.426	
			21	21			21.5	21	Right Edge 0mm	0.000	0.000	2.171	1.935	1.935	0.000	0.199	0.000	1.935	2.134	

ENDC_66A_n78A	LTE B66	ANT2	20	20	N78	ANT3	21.5	18.5	Back Side 0mm	0.000	0.000	1.090	0.546	0.546	0.000	0.357	0.000	0.546	0.903
			20	20			21.5	18.5	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
			20	20			21.5	18.5	Top Edge 0mm	0.000	0.000	2.168	1.087	1.087	0.000	0.773	0.000	1.087	1.860
	LTE B66	ANT2	20	20	N78	ANT5	21	20	Back Side 0mm	0.000	0.000	0.764	0.607	0.607	0.000	0.357	0.000	0.607	0.964
			20	20			21	20	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
			20	20			21	20	Right Edge 0mm	0.000	0.000	2.275	1.807	1.807	0.000	0.199	0.000	1.807	2.006
	LTE B66	ANT2	20	20	N78	ANT6	21.5	21	Back Side 0mm	0.000	0.000	0.867	0.773	0.773	0.000	0.357	0.000	0.773	1.130
			20	20			21.5	21	Left Edge 0mm	1.854	1.854	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.854
			20	20			21.5	21	Right Edge 0mm	0.000	0.000	2.171	1.935	1.935	0.000	0.199	0.000	1.935	2.134

Note:
1: The highest Summed 10g SAR is 2.767 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

13.2.4 Head Simultaneous Transmission SAR Evaluation for Intra CA Antenna with WLAN and Bluetooth

Band	LTE Band1	LTE Antenna	LTE Band1 Tune up	CA LTE Band1 Tune up	LTE Band2	LTE Antenna	LTE Band2 Tune up	CA LTE Band2 Tune up	Position	Stand alone SAR						SUM SAR			
										1		2		3	4	5	6	Sum SAR (3+4)	Sum SAR (3+5+6)
										LTE Band1	LTE Band1(CA)	LTE Band2	LTE Band2(CA)	LTE+LTE (CA)	2.4GWIFI	Max.5GWIFI	Bluetooth		
ULCA_2A+4A	LTE B2	ANT2	21	21	LTE B4	ANT1	25.5	25.5	Left Cheek	0.249	0.249	0.277	0.277	0.526	0.571	0.226	0.242	1.097	0.994
			21	21			25.5	25.5	Left Tilt	0.031	0.031	0.125	0.125	0.156	0.483	0.180	0.204	0.639	0.540
			21	21			25.5	25.5	Right Cheek	0.585	0.585	0.170	0.170	0.755	0.344	0.142	0.158	1.099	1.055
			21	21			25.5	25.5	Right Tilt	0.104	0.104	0.114	0.114	0.218	0.365	0.128	0.163	0.583	0.509
ULCA_4A+7A	LTE B7	ANT2	21.5	21.5	LTE B4	ANT1	25.5	25.5	Left Cheek	0.180	0.180	0.277	0.277	0.457	0.571	0.226	0.242	1.028	0.925
			21.5	21.5			25.5	25.5	Left Tilt	0.063	0.063	0.125	0.125	0.188	0.483	0.180	0.204	0.671	0.572
			21.5	21.5			25.5	25.5	Right Cheek	0.511	0.511	0.170	0.170	0.681	0.344	0.142	0.158	1.025	0.981
			21.5	21.5			25.5	25.5	Right Tilt	0.145	0.145	0.114	0.114	0.259	0.365	0.128	0.163	0.624	0.550

Note:
 1: The highest Summed 1g SAR is 1.099 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

13.2.5 Body-worn&Hotspot Simultaneous Transmission SAR Evaluation for Intra CA Antenna with WLAN and Bluetooth

Band	LTE Band1	LTE Antenna	LTE Band1 Tune up	CA LTE Band1 Tune up	LTE Band2	LTE Antenna	LTE Band2 Tune up	CA LTE Band2 Tune up	Position	Stand alone SAR						SUM SAR			
										1		2		3	4	5	6	Sum SAR (3+4)	Sum SAR (3+5+6)
										LTE Band1	LTE Band1(CA)	LTE Band2	LTE Band2(CA)	LTE+LTE (CA)	2.4G WIFI	Max. 5GWIFI	Bluetooth		
ULCA_2A+4A	LTE B2	ANT2	21	21	LTE B4	ANT1	21.5	21	Front Side 10mm	0.167	0.167	0.304	0.271	0.438	0.100	0.177	0.038	0.538	0.653
			21	21			Back Side 10mm	0.233	0.233	0.524	0.467	0.700	0.139	0.345	0.059	0.839	1.104		
			21	21			Left Edge 10mm	0.684	0.684	0.208	0.185	0.869	0.000	0.000	0.000	0.869	0.869		
			21	21			Right Edge 10mm	0.000	0.000	0.044	0.039	0.039	0.052	0.070	0.025	0.091	0.134		
			21	21			Top Edge 10mm	0.037	0.037	0.000	0.000	0.037	0.156	0.325	0.083	0.193	0.445		
			21	21			Bottom Edge 10mm	0.000	0.000	0.881	0.785	0.785	0.000	0.000	0.000	0.785	0.785		
ULCA_4A+7A	LTE B7	ANT2	24	24	LTE B4	ANT1	21.5	21	Front Side 10mm	0.119	0.119	0.304	0.271	0.390	0.100	0.177	0.038	0.490	0.605
			24	24			Back Side 10mm	0.275	0.275	0.524	0.467	0.742	0.139	0.345	0.059	0.881	1.146		
			24	24			Left Edge 10mm	0.583	0.583	0.208	0.185	0.768	0.000	0.000	0.000	0.768	0.768		
			24	24			Right Edge 10mm	0.000	0.000	0.044	0.039	0.039	0.052	0.070	0.025	0.091	0.134		
			24	24			Top Edge 10mm	0.090	0.090	0.000	0.000	0.090	0.156	0.325	0.083	0.246	0.498		
			24	24			Bottom Edge 10mm	0.000	0.000	0.881	0.785	0.785	0.000	0.000	0.000	0.785	0.785		

Note:

1: The highest Summed 1g SAR is 1.146 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

13.2.6 Specific Simultaneous Transmission SAR Evaluation for Intra CA Antenna with WLAN and Bluetooth

Band	LTE Band1	LTE Antenna	LTE Band1 Tune up	CA LTE Band1 Tune up	LTE Band2	LTE Antenna	LTE Band2 Tune up	CA LTE Band2 Tune up	Position	Stand alone SAR								SUM SAR	
										1		2		3	4	5	6	Sum SAR (3+4)	Sum SAR (3+5+6)
										LTE Band1	LTE Band1(CA)	LTE Band2	LTE Band2(CA)	LTE+LTE (CA)	2.4G WIFI	Max. 5GWIFI	Bluetooth		
ULCA_2A+4A	LTE B2	ANT2	20	20	LTE B4	ANT1	21.5	21	Back Side 0mm	0.000	0.000	0.797	0.710	0.710	0.139	0.357	0.059	0.849	1.126
			20	20			21.5	21	Left Edge 0mm	1.901	1.901	0.000	0.000	1.901	0.000	0.000	0.000	1.901	1.901
			20	20			21.5	21	Bottom Edge 0mm	0.000	0.000	0.584	0.520	0.520	0.000	0.000	0.000	0.520	0.520
ULCA_4A+7A	LTE B7	ANT2	19.5	19.5	LTE B4	ANT1	21.5	21	Back Side 0mm	0.000	0.000	0.797	0.710	0.710	0.139	0.357	0.059	0.849	1.126
			19.5	19.5			21.5	21	Left Edge 0mm	1.553	1.553	0.000	0.000	1.553	0.000	0.000	0.000	1.553	1.553
			19.5	19.5			21.5	21	Bottom Edge 0mm	0.000	0.000	0.584	0.520	0.520	0.000	0.000	0.000	0.520	0.520

Note:
 1: The highest Summed 10g SAR is 1.901 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.



13.2.7 Head Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4	Sum SAR	Sum SAR
			WWAN	2.4GWIFI	Max.5GWIFI	Bluetooth	(1+2)	(1+3+4)
GSM850	ANT4	Left Cheek	0.581	0.571	0.226	0.242	1.152	1.049
		Left Tilt	0.633	0.483	0.180	0.204	1.116	1.017
		Right Cheek	0.684	0.344	0.142	0.158	1.028	0.984
		Right Tilt	0.660	0.365	0.128	0.163	1.025	0.951
GSM850	ANT1	Left Cheek	0.106	0.571	0.226	0.242	0.677	0.574
		Left Tilt	0.077	0.483	0.180	0.204	0.560	0.461
		Right Cheek	0.151	0.344	0.142	0.158	0.495	0.451
		Right Tilt	0.080	0.365	0.128	0.163	0.445	0.371
GSM1900	ANT4	Left Cheek	0.372	0.571	0.226	0.242	0.943	0.840
		Left Tilt	0.455	0.483	0.180	0.204	0.938	0.839
		Right Cheek	0.556	0.344	0.142	0.158	0.900	0.856
		Right Tilt	0.682	0.365	0.128	0.163	1.047	0.973
GSM1900	ANT1	Left Cheek	0.076	0.571	0.226	0.242	0.647	0.544
		Left Tilt	0.038	0.483	0.180	0.204	0.521	0.422
		Right Cheek	0.093	0.344	0.142	0.158	0.437	0.393
		Right Tilt	0.067	0.365	0.128	0.163	0.432	0.358
WCDMA B2	ANT4	Left Cheek	0.391	0.571	0.226	0.242	0.962	0.859
		Left Tilt	0.536	0.483	0.180	0.204	1.019	0.920
		Right Cheek	0.632	0.344	0.142	0.158	0.976	0.932
		Right Tilt	0.922	0.365	0.128	0.163	1.287	1.213
WCDMA B2	ANT1	Left Cheek	0.257	0.571	0.226	0.242	0.828	0.725
		Left Tilt	0.103	0.483	0.180	0.204	0.586	0.487
		Right Cheek	0.148	0.344	0.142	0.158	0.492	0.448
		Right Tilt	0.113	0.365	0.128	0.163	0.478	0.404
WCDMA B4	ANT4	Left Cheek	0.424	0.571	0.226	0.242	0.995	0.892
		Left Tilt	0.540	0.483	0.180	0.204	1.023	0.924
		Right Cheek	0.676	0.344	0.142	0.158	1.020	0.976
		Right Tilt	0.905	0.365	0.128	0.163	1.270	1.196
WCDMA B4	ANT1	Left Cheek	0.296	0.571	0.226	0.242	0.867	0.764
		Left Tilt	0.136	0.483	0.180	0.204	0.619	0.520
		Right Cheek	0.165	0.344	0.142	0.158	0.509	0.465
		Right Tilt	0.126	0.365	0.128	0.163	0.491	0.417
WCDMA B5	ANT4	Left Cheek	0.626	0.571	0.226	0.242	1.197	1.094
		Left Tilt	0.550	0.483	0.180	0.204	1.033	0.934
		Right Cheek	0.798	0.344	0.142	0.158	1.142	1.098
		Right Tilt	0.607	0.365	0.128	0.163	0.972	0.898

WCDMA B5	ANT1	Left Cheek	0.151	0.571	0.226	0.242	0.722	0.619
		Left Tilt	0.112	0.483	0.180	0.204	0.595	0.496
		Right Cheek	0.222	0.344	0.142	0.158	0.566	0.522
		Right Tilt	0.108	0.365	0.128	0.163	0.473	0.399
LTE B2	ANT4	Left Cheek	0.376	0.571	0.226	0.242	0.947	0.844
		Left Tilt	0.521	0.483	0.180	0.204	1.004	0.905
		Right Cheek	0.607	0.344	0.142	0.158	0.951	0.907
		Right Tilt	0.942	0.365	0.128	0.163	1.307	1.233
LTE B2	ANT1	Left Cheek	0.198	0.571	0.226	0.242	0.769	0.666
		Left Tilt	0.097	0.483	0.180	0.204	0.580	0.481
		Right Cheek	0.125	0.344	0.142	0.158	0.469	0.425
		Right Tilt	0.087	0.365	0.128	0.163	0.452	0.378
LTE B2	ANT2	Left Cheek	0.249	0.571	0.226	0.242	0.820	0.717
		Left Tilt	0.031	0.483	0.180	0.204	0.514	0.415
		Right Cheek	0.585	0.344	0.142	0.158	0.929	0.885
		Right Tilt	0.104	0.365	0.128	0.163	0.469	0.395
LTE B4	ANT4	Left Cheek	0.430	0.571	0.226	0.242	1.001	0.898
		Left Tilt	0.557	0.483	0.180	0.204	1.040	0.941
		Right Cheek	0.694	0.344	0.142	0.158	1.038	0.994
		Right Tilt	0.921	0.365	0.128	0.163	1.286	1.212
LTE B4	ANT1	Left Cheek	0.277	0.571	0.226	0.242	0.848	0.745
		Left Tilt	0.125	0.483	0.180	0.204	0.608	0.509
		Right Cheek	0.170	0.344	0.142	0.158	0.514	0.470
		Right Tilt	0.114	0.365	0.128	0.163	0.479	0.405
LTE B5	ANT4	Left Cheek	0.617	0.571	0.226	0.242	1.188	1.085
		Left Tilt	0.542	0.483	0.180	0.204	1.025	0.926
		Right Cheek	0.825	0.344	0.142	0.158	1.169	1.125
		Right Tilt	0.627	0.365	0.128	0.163	0.992	0.918
LTE B5	ANT1	Left Cheek	0.146	0.571	0.226	0.242	0.717	0.614
		Left Tilt	0.095	0.483	0.180	0.204	0.578	0.479
		Right Cheek	0.210	0.344	0.142	0.158	0.554	0.510
		Right Tilt	0.098	0.365	0.128	0.163	0.463	0.389
LTE B7	ANT4	Left Cheek	0.591	0.571	0.226	0.242	1.162	1.059
		Left Tilt	0.647	0.483	0.180	0.204	1.130	1.031
		Right Cheek	0.688	0.344	0.142	0.158	1.032	0.988
		Right Tilt	0.743	0.365	0.128	0.163	1.108	1.034
LTE B7	ANT1	Left Cheek	0.215	0.571	0.226	0.242	0.786	0.683
		Left Tilt	0.164	0.483	0.180	0.204	0.647	0.548
		Right Cheek	0.265	0.344	0.142	0.158	0.609	0.565
		Right Tilt	0.214	0.365	0.128	0.163	0.579	0.505
LTE B7	ANT2	Left Cheek	0.180	0.571	0.226	0.242	0.751	0.648
		Left Tilt	0.063	0.483	0.180	0.204	0.546	0.447
		Right Cheek	0.511	0.344	0.142	0.158	0.855	0.811

		Right Tilt	0.145	0.365	0.128	0.163	0.510	0.436
LTE B12	ANT4	Left Cheek	0.176	0.571	0.226	0.242	0.747	0.644
		Left Tilt	0.170	0.483	0.180	0.204	0.653	0.554
		Right Cheek	0.305	0.344	0.142	0.158	0.649	0.605
		Right Tilt	0.218	0.365	0.128	0.163	0.583	0.509
LTE B12	ANT1	Left Cheek	0.090	0.571	0.226	0.242	0.661	0.558
		Left Tilt	0.056	0.483	0.180	0.204	0.539	0.440
		Right Cheek	0.117	0.344	0.142	0.158	0.461	0.417
		Right Tilt	0.063	0.365	0.128	0.163	0.428	0.354
LTE B13	ANT4	Left Cheek	0.486	0.571	0.226	0.242	1.057	0.954
		Left Tilt	0.430	0.483	0.180	0.204	0.913	0.814
		Right Cheek	0.624	0.344	0.142	0.158	0.968	0.924
		Right Tilt	0.534	0.365	0.128	0.163	0.899	0.825
LTE B13	ANT1	Left Cheek	0.134	0.571	0.226	0.242	0.705	0.602
		Left Tilt	0.090	0.483	0.180	0.204	0.573	0.474
		Right Cheek	0.170	0.344	0.142	0.158	0.514	0.470
		Right Tilt	0.092	0.365	0.128	0.163	0.457	0.383
LTE B17	ANT4	Left Cheek	0.206	0.571	0.226	0.242	0.777	0.674
		Left Tilt	0.192	0.483	0.180	0.204	0.675	0.576
		Right Cheek	0.298	0.344	0.142	0.158	0.642	0.598
		Right Tilt	0.249	0.365	0.128	0.163	0.614	0.540
LTE B17	ANT1	Left Cheek	0.103	0.571	0.226	0.242	0.674	0.571
		Left Tilt	0.063	0.483	0.180	0.204	0.546	0.447
		Right Cheek	0.114	0.344	0.142	0.158	0.458	0.414
		Right Tilt	0.070	0.365	0.128	0.163	0.435	0.361
LTE B26	ANT4	Left Cheek	0.467	0.571	0.226	0.242	1.038	0.935
		Left Tilt	0.400	0.483	0.180	0.204	0.883	0.784
		Right Cheek	0.646	0.344	0.142	0.158	0.990	0.946
		Right Tilt	0.450	0.365	0.128	0.163	0.815	0.741
LTE B26	ANT1	Left Cheek	0.111	0.571	0.226	0.242	0.682	0.579
		Left Tilt	0.073	0.483	0.180	0.204	0.556	0.457
		Right Cheek	0.156	0.344	0.142	0.158	0.500	0.456
		Right Tilt	0.076	0.365	0.128	0.163	0.441	0.367
LTE B66	ANT4	Left Cheek	0.466	0.571	0.226	0.242	1.037	0.934
		Left Tilt	0.554	0.483	0.180	0.204	1.037	0.938
		Right Cheek	0.731	0.344	0.142	0.158	1.075	1.031
		Right Tilt	0.968	0.365	0.128	0.163	1.333	1.259
LTE B66	ANT1	Left Cheek	0.243	0.571	0.226	0.242	0.814	0.711
		Left Tilt	0.126	0.483	0.180	0.204	0.609	0.510
		Right Cheek	0.145	0.344	0.142	0.158	0.489	0.445
		Right Tilt	0.107	0.365	0.128	0.163	0.472	0.398
LTE B66	ANT2	Left Cheek	0.214	0.571	0.226	0.242	0.785	0.682
		Left Tilt	0.039	0.483	0.180	0.204	0.522	0.423

		Right Cheek	0.539	0.344	0.142	0.158	0.883	0.839
		Right Tilt	0.084	0.365	0.128	0.163	0.449	0.375
LTE B38	ANT4	Left Cheek	0.482	0.571	0.226	0.242	1.053	0.950
		Left Tilt	0.558	0.483	0.180	0.204	1.041	0.942
		Right Cheek	0.628	0.344	0.142	0.158	0.972	0.928
		Right Tilt	0.738	0.365	0.128	0.163	1.103	1.029
LTE B38	ANT1	Left Cheek	0.216	0.571	0.226	0.242	0.787	0.684
		Left Tilt	0.111	0.483	0.180	0.204	0.594	0.495
		Right Cheek	0.086	0.344	0.142	0.158	0.430	0.386
		Right Tilt	0.102	0.365	0.128	0.163	0.467	0.393
LTE B38	ANT2	Left Cheek	0.141	0.571	0.226	0.242	0.712	0.609
		Left Tilt	0.061	0.483	0.180	0.204	0.544	0.445
		Right Cheek	0.429	0.344	0.142	0.158	0.773	0.729
		Right Tilt	0.138	0.365	0.128	0.163	0.503	0.429
LTE B41	ANT4	Left Cheek	0.527	0.571	0.226	0.242	1.098	0.995
		Left Tilt	0.589	0.483	0.180	0.204	1.072	0.973
		Right Cheek	0.686	0.344	0.142	0.158	1.030	0.986
		Right Tilt	0.850	0.365	0.128	0.163	1.215	1.141
LTE B41	ANT1	Left Cheek	0.312	0.571	0.226	0.242	0.883	0.780
		Left Tilt	0.112	0.483	0.180	0.204	0.595	0.496
		Right Cheek	0.140	0.344	0.142	0.158	0.484	0.440
		Right Tilt	0.113	0.365	0.128	0.163	0.478	0.404
LTE B41	ANT2	Left Cheek	0.363	0.571	0.226	0.242	0.934	0.831
		Left Tilt	0.139	0.483	0.180	0.204	0.622	0.523
		Right Cheek	0.698	0.344	0.142	0.158	1.042	0.998
		Right Tilt	0.271	0.365	0.128	0.163	0.636	0.562
N5	ANT4	Left Cheek	0.459	0.571	0.226	0.242	1.030	0.927
		Left Tilt	0.396	0.483	0.180	0.204	0.879	0.780
		Right Cheek	0.650	0.344	0.142	0.158	0.994	0.950
		Right Tilt	0.434	0.365	0.128	0.163	0.799	0.725
N5	ANT1	Left Cheek	0.118	0.571	0.226	0.242	0.689	0.586
		Left Tilt	0.080	0.483	0.180	0.204	0.563	0.464
		Right Cheek	0.147	0.344	0.142	0.158	0.491	0.447
		Right Tilt	0.089	0.365	0.128	0.163	0.454	0.380
N7	ANT4	Left Cheek	0.639	0.571	0.226	0.242	1.210	1.107
		Left Tilt	0.755	0.483	0.180	0.204	1.238	1.139
		Right Cheek	0.856	0.344	0.142	0.158	1.200	1.156
		Right Tilt	1.065	0.365	0.128	0.163	1.430	1.356
N7	ANT1	Left Cheek	0.255	0.571	0.226	0.242	0.826	0.723
		Left Tilt	0.119	0.483	0.180	0.204	0.602	0.503
		Right Cheek	0.196	0.344	0.142	0.158	0.540	0.496
		Right Tilt	0.265	0.365	0.128	0.163	0.630	0.556
N66	ANT4	Left Cheek	0.464	0.571	0.226	0.242	1.035	0.932

		Left Tilt	0.605	0.483	0.180	0.204	1.088	0.989
		Right Cheek	0.711	0.344	0.142	0.158	1.055	1.011
		Right Tilt	0.832	0.365	0.128	0.163	1.197	1.123
N66	ANT1	Left Cheek	0.270	0.571	0.226	0.242	0.841	0.738
		Left Tilt	0.133	0.483	0.180	0.204	0.616	0.517
		Right Cheek	0.160	0.344	0.142	0.158	0.504	0.460
		Right Tilt	0.111	0.365	0.128	0.163	0.476	0.402
N38	ANT4	Left Cheek	0.756	0.571	0.226	0.242	1.327	1.224
		Left Tilt	0.827	0.483	0.180	0.204	1.310	1.211
		Right Cheek	0.971	0.344	0.142	0.158	1.315	1.271
		Right Tilt	1.050	0.365	0.128	0.163	1.415	1.341
N38	ANT1	Left Cheek	0.088	0.571	0.226	0.242	0.659	0.556
		Left Tilt	0.052	0.483	0.180	0.204	0.535	0.436
		Right Cheek	0.065	0.344	0.142	0.158	0.409	0.365
		Right Tilt	0.095	0.365	0.128	0.163	0.460	0.386
N38	ANT2	Left Cheek	0.254	0.571	0.226	0.242	0.825	0.722
		Left Tilt	0.111	0.483	0.180	0.204	0.594	0.495
		Right Cheek	0.894	0.344	0.142	0.158	1.238	1.194
		Right Tilt	0.262	0.365	0.128	0.163	0.627	0.553
N38	ANT5	Left Cheek	0.285	0.571	0.226	0.242	0.856	0.753
		Left Tilt	0.157	0.483	0.180	0.204	0.640	0.541
		Right Cheek	0.077	0.344	0.142	0.158	0.421	0.377
		Right Tilt	0.071	0.365	0.128	0.163	0.436	0.362
N41	ANT4	Left Cheek	0.552	0.571	0.226	0.242	1.123	1.020
		Left Tilt	0.640	0.483	0.180	0.204	1.123	1.024
		Right Cheek	0.704	0.344	0.142	0.158	1.048	1.004
		Right Tilt	0.948	0.365	0.128	0.163	1.313	1.239
N41	ANT1	Left Cheek	0.208	0.571	0.226	0.242	0.779	0.676
		Left Tilt	0.091	0.483	0.180	0.204	0.574	0.475
		Right Cheek	0.122	0.344	0.142	0.158	0.466	0.422
		Right Tilt	0.210	0.365	0.128	0.163	0.575	0.501
N41	ANT2	Left Cheek	0.170	0.571	0.226	0.242	0.741	0.638
		Left Tilt	0.072	0.483	0.180	0.204	0.555	0.456
		Right Cheek	0.939	0.344	0.142	0.158	1.283	1.239
		Right Tilt	0.227	0.365	0.128	0.163	0.592	0.518
N41	ANT5	Left Cheek	0.285	0.571	0.226	0.242	0.856	0.753
		Left Tilt	0.151	0.483	0.180	0.204	0.634	0.535
		Right Cheek	0.074	0.344	0.142	0.158	0.418	0.374
		Right Tilt	0.067	0.365	0.128	0.163	0.432	0.358
N77	ANT3	Left Cheek	0.565	0.571	0.226	0.242	1.136	1.033
		Left Tilt	0.740	0.483	0.180	0.204	1.223	1.124
		Right Cheek	0.470	0.344	0.142	0.158	0.814	0.770
		Right Tilt	0.496	0.365	0.128	0.163	0.861	0.787

N77	ANT6	Left Cheek	0.751	0.571	0.226	0.242	1.322	1.219
		Left Tilt	0.174	0.483	0.180	0.204	0.657	0.558
		Right Cheek	0.239	0.344	0.142	0.158	0.583	0.539
		Right Tilt	0.180	0.365	0.128	0.163	0.545	0.471
N77	ANT2	Left Cheek	0.247	0.571	0.226	0.242	0.818	0.715
		Left Tilt	0.073	0.483	0.180	0.204	0.556	0.457
		Right Cheek	0.739	0.344	0.142	0.158	1.083	1.039
		Right Tilt	0.226	0.365	0.128	0.163	0.591	0.517
N77	ANT5	Left Cheek	0.824	0.571	0.226	0.242	1.395	1.292
		Left Tilt	0.633	0.483	0.180	0.204	1.116	1.017
		Right Cheek	0.285	0.344	0.142	0.158	0.629	0.585
		Right Tilt	0.235	0.365	0.128	0.163	0.600	0.526
N78	ANT3	Left Cheek	0.617	0.571	0.226	0.242	1.188	1.085
		Left Tilt	0.685	0.483	0.180	0.204	1.168	1.069
		Right Cheek	0.514	0.344	0.142	0.158	0.858	0.814
		Right Tilt	0.601	0.365	0.128	0.163	0.966	0.892
N78	ANT6	Left Cheek	0.983	0.571	0.226	0.242	1.554	1.451
		Left Tilt	0.199	0.483	0.180	0.204	0.682	0.583
		Right Cheek	0.303	0.344	0.142	0.158	0.647	0.603
		Right Tilt	0.098	0.365	0.128	0.163	0.463	0.389
N78	ANT2	Left Cheek	0.419	0.571	0.226	0.242	0.990	0.887
		Left Tilt	0.127	0.483	0.180	0.204	0.610	0.511
		Right Cheek	1.044	0.344	0.142	0.158	1.388	1.344
		Right Tilt	0.307	0.365	0.128	0.163	0.672	0.598
N78	ANT5	Left Cheek	0.405	0.571	0.226	0.242	0.976	0.873
		Left Tilt	0.294	0.483	0.180	0.204	0.777	0.678
		Right Cheek	0.153	0.344	0.142	0.158	0.497	0.453
		Right Tilt	0.147	0.365	0.128	0.163	0.512	0.438

Note:
 1: The highest Summed 1g SAR is 1.554 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

13.2.8 Body-worn&Hotspot Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4	Sum SAR	Sum SAR
			WWAN	2.4GWIFI	Max.5GWIFI	Bluetooth	(1+2)	(1+3+4)
GSM850	ANT4	Front Side 10mm	0.139	0.100	0.177	0.038	0.239	0.354
		Back Side 10mm	0.200	0.139	0.345	0.059	0.339	0.604
		Left Edge 10mm	0.098	0.000	0.000	0.000	0.098	0.098
		Top Edge 10mm	0.186	0.156	0.325	0.083	0.342	0.594
GSM850	ANT1	Front Side 10mm	0.210	0.100	0.177	0.038	0.310	0.425
		Back Side 10mm	0.314	0.139	0.345	0.059	0.453	0.718
		Left Edge 10mm	0.052	0.000	0.000	0.000	0.052	0.052
		Right Edge 10mm	0.137	0.052	0.070	0.025	0.189	0.232
		Bottom Edge 10mm	0.184	0.000	0.000	0.000	0.184	0.184
GSM1900	ANT4	Front Side 10mm	0.094	0.100	0.177	0.038	0.194	0.309
		Back Side 10mm	0.232	0.139	0.345	0.059	0.371	0.636
		Left Edge 10mm	0.103	0.000	0.000	0.000	0.103	0.103
		Top Edge 10mm	0.253	0.156	0.325	0.083	0.409	0.661
GSM1900	ANT1	Front Side 10mm	0.127	0.100	0.177	0.038	0.227	0.342
		Back Side 10mm	0.252	0.139	0.345	0.059	0.391	0.656
		Left Edge 10mm	0.062	0.000	0.000	0.000	0.062	0.062
		Right Edge 10mm	0.027	0.052	0.070	0.025	0.079	0.122
		Bottom Edge 10mm	0.362	0.000	0.000	0.000	0.362	0.362
WCDMA B2	ANT4	Front Side 10mm	0.178	0.100	0.177	0.038	0.278	0.393
		Back Side 10mm	0.484	0.139	0.345	0.059	0.623	0.888
		Left Edge 10mm	0.232	0.000	0.000	0.000	0.232	0.232
		Top Edge 10mm	0.523	0.156	0.325	0.083	0.679	0.931
WCDMA B2	ANT1	Front Side 10mm	0.217	0.100	0.177	0.038	0.317	0.432
		Back Side 10mm	0.422	0.139	0.345	0.059	0.561	0.826
		Left Edge 10mm	0.139	0.000	0.000	0.000	0.139	0.139
		Right Edge 10mm	0.027	0.052	0.070	0.025	0.079	0.122
		Bottom Edge 10mm	0.578	0.000	0.000	0.000	0.578	0.578
WCDMA B4	ANT4	Front Side 10mm	0.189	0.100	0.177	0.038	0.289	0.404
		Back Side 10mm	0.432	0.139	0.345	0.059	0.571	0.836
		Left Edge 10mm	0.196	0.000	0.000	0.000	0.196	0.196
		Top Edge 10mm	0.526	0.156	0.325	0.083	0.682	0.934
WCDMA B4	ANT1	Front Side 10mm	0.248	0.100	0.177	0.038	0.348	0.463
		Back Side 10mm	0.462	0.139	0.345	0.059	0.601	0.866
		Left Edge 10mm	0.187	0.000	0.000	0.000	0.187	0.187
		Right Edge 10mm	0.034	0.052	0.070	0.025	0.086	0.129
		Bottom Edge 10mm	0.985	0.000	0.000	0.000	0.985	0.985

WCDMA B5	ANT4	Front Side 10mm	0.174	0.100	0.177	0.038	0.274	0.389
		Back Side 10mm	0.267	0.139	0.345	0.059	0.406	0.671
		Left Edge 10mm	0.108	0.000	0.000	0.000	0.108	0.108
		Top Edge 10mm	0.289	0.156	0.325	0.083	0.445	0.697
WCDMA B5	ANT1	Front Side 10mm	0.309	0.100	0.177	0.038	0.409	0.524
		Back Side 10mm	0.424	0.139	0.345	0.059	0.563	0.828
		Left Edge 10mm	0.066	0.000	0.000	0.000	0.066	0.066
		Right Edge 10mm	0.186	0.052	0.070	0.025	0.238	0.281
		Bottom Edge 10mm	0.257	0.000	0.000	0.000	0.257	0.257
LTE B2	ANT4	Front Side 10mm	0.150	0.100	0.177	0.038	0.250	0.365
		Back Side 10mm	0.384	0.139	0.345	0.059	0.523	0.788
		Left Edge 10mm	0.182	0.000	0.000	0.000	0.182	0.182
		Top Edge 10mm	0.435	0.156	0.325	0.083	0.591	0.843
LTE B2	ANT1	Front Side 10mm	0.182	0.100	0.177	0.038	0.282	0.397
		Back Side 10mm	0.358	0.139	0.345	0.059	0.497	0.762
		Left Edge 10mm	0.110	0.000	0.000	0.000	0.110	0.110
		Right Edge 10mm	0.066	0.052	0.070	0.025	0.118	0.161
		Bottom Edge 10mm	0.480	0.000	0.000	0.000	0.480	0.480
LTE B2	ANT2	Front Side 10mm	0.167	0.100	0.177	0.038	0.267	0.382
		Back Side 10mm	0.233	0.139	0.345	0.059	0.372	0.637
		Left Edge 10mm	0.684	0.000	0.000	0.000	0.684	0.684
		Top Edge 10mm	0.037	0.156	0.325	0.083	0.193	0.445
LTE B4	ANT4	Front Side 10mm	0.117	0.100	0.177	0.038	0.217	0.332
		Back Side 10mm	0.285	0.139	0.345	0.059	0.424	0.689
		Left Edge 10mm	0.224	0.000	0.000	0.000	0.224	0.224
		Top Edge 10mm	0.325	0.156	0.325	0.083	0.481	0.733
LTE B4	ANT1	Front Side 10mm	0.304	0.100	0.177	0.038	0.404	0.519
		Back Side 10mm	0.524	0.139	0.345	0.059	0.663	0.928
		Left Edge 10mm	0.208	0.000	0.000	0.000	0.208	0.208
		Right Edge 10mm	0.041	0.052	0.070	0.025	0.093	0.136
		Bottom Edge 10mm	0.881	0.000	0.000	0.000	0.881	0.881
LTE B5	ANT4	Front Side 10mm	0.189	0.100	0.177	0.038	0.289	0.404
		Back Side 10mm	0.281	0.139	0.345	0.059	0.420	0.685
		Left Edge 10mm	0.115	0.000	0.000	0.000	0.115	0.115
		Top Edge 10mm	0.291	0.156	0.325	0.083	0.447	0.699
LTE B5	ANT1	Front Side 10mm	0.306	0.100	0.177	0.038	0.406	0.521
		Back Side 10mm	0.442	0.139	0.345	0.059	0.581	0.846
		Left Edge 10mm	0.079	0.000	0.000	0.000	0.079	0.079
		Right Edge 10mm	0.193	0.052	0.070	0.025	0.245	0.288
		Bottom Edge 10mm	0.267	0.000	0.000	0.000	0.267	0.267
LTE B7	ANT4	Front Side 10mm	0.153	0.100	0.177	0.038	0.253	0.368
		Back Side 10mm	0.280	0.139	0.345	0.059	0.419	0.684
		Left Edge 10mm	0.134	0.000	0.000	0.000	0.134	0.134

		Top Edge 10mm	0.441	0.156	0.325	0.083	0.597	0.849
LTE B7	ANT1	Front Side 10mm	0.327	0.100	0.177	0.038	0.427	0.542
		Back Side 10mm	0.387	0.139	0.345	0.059	0.526	0.791
		Left Edge 10mm	0.288	0.000	0.000	0.000	0.288	0.288
		Right Edge 10mm	0.312	0.052	0.070	0.025	0.364	0.407
		Bottom Edge 10mm	0.492	0.000	0.000	0.000	0.492	0.492
LTE B7	ANT2	Front Side 10mm	0.119	0.100	0.177	0.038	0.219	0.334
		Back Side 10mm	0.275	0.139	0.345	0.059	0.414	0.679
		Left Edge 10mm	0.583	0.000	0.000	0.000	0.583	0.583
		Top Edge 10mm	0.090	0.156	0.325	0.083	0.246	0.498
LTE B12	ANT4	Front Side 10mm	0.055	0.100	0.177	0.038	0.155	0.270
		Back Side 10mm	0.079	0.139	0.345	0.059	0.218	0.483
		Left Edge 10mm	0.089	0.000	0.000	0.000	0.089	0.089
		Top Edge 10mm	0.070	0.156	0.325	0.083	0.226	0.478
LTE B12	ANT1	Front Side 10mm	0.145	0.100	0.177	0.038	0.245	0.360
		Back Side 10mm	0.216	0.139	0.345	0.059	0.355	0.620
		Left Edge 10mm	0.143	0.000	0.000	0.000	0.143	0.143
		Right Edge 10mm	0.200	0.052	0.070	0.025	0.252	0.295
		Bottom Edge 10mm	0.089	0.000	0.000	0.000	0.089	0.089
LTE B13	ANT4	Front Side 10mm	0.143	0.100	0.177	0.038	0.243	0.358
		Back Side 10mm	0.226	0.139	0.345	0.059	0.365	0.630
		Left Edge 10mm	0.162	0.000	0.000	0.000	0.162	0.162
		Top Edge 10mm	0.184	0.156	0.325	0.083	0.340	0.592
LTE B13	ANT1	Front Side 10mm	0.188	0.100	0.177	0.038	0.288	0.403
		Back Side 10mm	0.258	0.139	0.345	0.059	0.397	0.662
		Left Edge 10mm	0.114	0.000	0.000	0.000	0.114	0.114
		Right Edge 10mm	0.197	0.052	0.070	0.025	0.249	0.292
		Bottom Edge 10mm	0.136	0.000	0.000	0.000	0.136	0.136
LTE B17	ANT4	Front Side 10mm	0.058	0.100	0.177	0.038	0.158	0.273
		Back Side 10mm	0.091	0.139	0.345	0.059	0.230	0.495
		Left Edge 10mm	0.097	0.000	0.000	0.000	0.097	0.097
		Top Edge 10mm	0.078	0.156	0.325	0.083	0.234	0.486
LTE B17	ANT1	Front Side 10mm	0.167	0.100	0.177	0.038	0.267	0.382
		Back Side 10mm	0.222	0.139	0.345	0.059	0.361	0.626
		Left Edge 10mm	0.143	0.000	0.000	0.000	0.143	0.143
		Right Edge 10mm	0.180	0.052	0.070	0.025	0.232	0.275
		Bottom Edge 10mm	0.118	0.000	0.000	0.000	0.118	0.118
LTE B26	ANT4	Front Side 10mm	0.128	0.100	0.177	0.038	0.228	0.343
		Back Side 10mm	0.200	0.139	0.345	0.059	0.339	0.604
		Left Edge 10mm	0.075	0.000	0.000	0.000	0.075	0.075
		Top Edge 10mm	0.168	0.156	0.325	0.083	0.324	0.576
LTE B26	ANT1	Front Side 10mm	0.216	0.100	0.177	0.038	0.316	0.431
		Back Side 10mm	0.371	0.139	0.345	0.059	0.510	0.775

		Left Edge 10mm	0.018	0.000	0.000	0.000	0.018	0.018
		Right Edge 10mm	0.144	0.052	0.070	0.025	0.196	0.239
		Bottom Edge 10mm	0.222	0.000	0.000	0.000	0.222	0.222
LTE B66	ANT4	Front Side 10mm	0.117	0.100	0.177	0.038	0.217	0.332
		Back Side 10mm	0.295	0.139	0.345	0.059	0.434	0.699
		Left Edge 10mm	0.179	0.000	0.000	0.000	0.179	0.179
		Top Edge 10mm	0.304	0.156	0.325	0.083	0.460	0.712
LTE B66	ANT1	Front Side 10mm	0.238	0.100	0.177	0.038	0.338	0.453
		Back Side 10mm	0.443	0.139	0.345	0.059	0.582	0.847
		Left Edge 10mm	0.176	0.000	0.000	0.000	0.176	0.176
		Right Edge 10mm	0.029	0.052	0.070	0.025	0.081	0.124
		Bottom Edge 10mm	0.905	0.000	0.000	0.000	0.905	0.905
LTE B66	ANT2	Front Side 10mm	0.194	0.100	0.177	0.038	0.294	0.409
		Back Side 10mm	0.484	0.139	0.345	0.059	0.623	0.888
		Left Edge 10mm	0.784	0.000	0.000	0.000	0.784	0.784
		Top Edge 10mm	0.071	0.156	0.325	0.083	0.227	0.479
LTE B38	ANT4	Front Side 10mm	0.116	0.100	0.177	0.038	0.216	0.331
		Back Side 10mm	0.220	0.139	0.345	0.059	0.359	0.624
		Left Edge 10mm	0.065	0.000	0.000	0.000	0.065	0.065
		Top Edge 10mm	0.429	0.156	0.325	0.083	0.585	0.837
LTE B38	ANT1	Front Side 10mm	0.123	0.100	0.177	0.038	0.223	0.338
		Back Side 10mm	0.148	0.139	0.345	0.059	0.287	0.552
		Left Edge 10mm	0.088	0.000	0.000	0.000	0.088	0.088
		Right Edge 10mm	0.141	0.052	0.070	0.025	0.193	0.236
		Bottom Edge 10mm	0.266	0.000	0.000	0.000	0.266	0.266
LTE B38	ANT2	Front Side 10mm	0.176	0.100	0.177	0.038	0.276	0.391
		Back Side 10mm	0.358	0.139	0.345	0.059	0.497	0.762
		Left Edge 10mm	0.784	0.000	0.000	0.000	0.784	0.784
		Top Edge 10mm	0.101	0.156	0.325	0.083	0.257	0.509
LTE B41	ANT4	Front Side 10mm	0.112	0.100	0.177	0.038	0.212	0.327
		Back Side 10mm	0.246	0.139	0.345	0.059	0.385	0.650
		Left Edge 10mm	0.058	0.000	0.000	0.000	0.058	0.058
		Top Edge 10mm	0.257	0.156	0.325	0.083	0.413	0.665
LTE B41	ANT1	Front Side 10mm	0.152	0.100	0.177	0.038	0.252	0.367
		Back Side 10mm	0.175	0.139	0.345	0.059	0.314	0.579
		Left Edge 10mm	0.123	0.000	0.000	0.000	0.123	0.123
		Right Edge 10mm	0.160	0.052	0.070	0.025	0.212	0.255
		Bottom Edge 10mm	0.219	0.000	0.000	0.000	0.219	0.219
LTE B41	ANT2	Front Side 10mm	0.150	0.100	0.177	0.038	0.250	0.365
		Back Side 10mm	0.339	0.139	0.345	0.059	0.478	0.743
		Left Edge 10mm	0.725	0.000	0.000	0.000	0.725	0.725
		Top Edge 10mm	0.121	0.156	0.325	0.083	0.277	0.529
N5	ANT4	Front Side 10mm	0.188	0.100	0.177	0.038	0.288	0.403

		Back Side 10mm	0.284	0.139	0.345	0.059	0.423	0.688
		Left Edge 10mm	0.111	0.000	0.000	0.000	0.111	0.111
		Top Edge 10mm	0.224	0.156	0.325	0.083	0.380	0.632
N5	ANT1	Front Side 10mm	0.140	0.100	0.177	0.038	0.240	0.355
		Back Side 10mm	0.162	0.139	0.345	0.059	0.301	0.566
		Left Edge 10mm	0.025	0.000	0.000	0.000	0.025	0.025
		Right Edge 10mm	0.016	0.052	0.070	0.025	0.068	0.111
		Bottom Edge 10mm	0.261	0.000	0.000	0.000	0.261	0.261
N7	ANT4	Front Side 10mm	0.146	0.100	0.177	0.038	0.246	0.361
		Back Side 10mm	0.344	0.139	0.345	0.059	0.483	0.748
		Left Edge 10mm	0.094	0.000	0.000	0.000	0.094	0.094
		Top Edge 10mm	0.463	0.156	0.325	0.083	0.619	0.871
N7	ANT1	Front Side 10mm	0.228	0.100	0.177	0.038	0.328	0.443
		Back Side 10mm	0.320	0.139	0.345	0.059	0.459	0.724
		Left Edge 10mm	0.121	0.000	0.000	0.000	0.121	0.121
		Right Edge 10mm	0.317	0.052	0.070	0.025	0.369	0.412
		Bottom Edge 10mm	0.588	0.000	0.000	0.000	0.588	0.588
N66	ANT4	Front Side 10mm	0.134	0.100	0.177	0.038	0.234	0.349
		Back Side 10mm	0.354	0.139	0.345	0.059	0.493	0.758
		Left Edge 10mm	0.072	0.000	0.000	0.000	0.072	0.072
		Top Edge 10mm	0.434	0.156	0.325	0.083	0.590	0.842
N66	ANT1	Front Side 10mm	0.268	0.100	0.177	0.038	0.368	0.483
		Back Side 10mm	0.526	0.139	0.345	0.059	0.665	0.930
		Left Edge 10mm	0.198	0.000	0.000	0.000	0.198	0.198
		Right Edge 10mm	0.096	0.052	0.070	0.025	0.148	0.191
		Bottom Edge 10mm	0.813	0.000	0.000	0.000	0.813	0.813
N38	ANT4	Front Side 10mm	0.255	0.100	0.177	0.038	0.355	0.470
		Back Side 10mm	0.536	0.139	0.345	0.059	0.675	0.940
		Left Edge 10mm	0.079	0.000	0.000	0.000	0.079	0.079
		Top Edge 10mm	0.732	0.156	0.325	0.083	0.888	1.140
N38	ANT1	Front Side 10mm	0.177	0.100	0.177	0.038	0.277	0.392
		Back Side 10mm	0.240	0.139	0.345	0.059	0.379	0.644
		Left Edge 10mm	0.063	0.000	0.000	0.000	0.063	0.063
		Right Edge 10mm	0.294	0.052	0.070	0.025	0.346	0.389
		Bottom Edge 10mm	0.379	0.000	0.000	0.000	0.379	0.379
N38	ANT2	Front Side 10mm	0.173	0.100	0.177	0.038	0.273	0.388
		Back Side 10mm	0.353	0.139	0.345	0.059	0.492	0.757
		Left Edge 10mm	0.967	0.000	0.000	0.000	0.967	0.967
		Top Edge 10mm	0.091	0.156	0.325	0.083	0.247	0.499
N38	ANT5	Front Side 10mm	0.055	0.100	0.177	0.038	0.155	0.270
		Back Side 10mm	0.099	0.139	0.345	0.059	0.238	0.503
		Right Edge 10mm	0.089	0.052	0.070	0.025	0.141	0.184
		Top Edge 10mm	0.053	0.156	0.325	0.083	0.209	0.461

N41	ANT4	Front Side 10mm	0.140	0.100	0.177	0.038	0.240	0.355
		Back Side 10mm	0.303	0.139	0.345	0.059	0.442	0.707
		Left Edge 10mm	0.046	0.000	0.000	0.000	0.046	0.046
		Top Edge 10mm	0.416	0.156	0.325	0.083	0.572	0.824
N41	ANT1	Front Side 10mm	0.203	0.100	0.177	0.038	0.303	0.418
		Back Side 10mm	0.260	0.139	0.345	0.059	0.399	0.664
		Left Edge 10mm	0.078	0.000	0.000	0.000	0.078	0.078
		Right Edge 10mm	0.066	0.052	0.070	0.025	0.118	0.161
		Bottom Edge 10mm	0.317	0.000	0.000	0.000	0.317	0.317
N41	ANT2	Front Side 10mm	0.190	0.100	0.177	0.038	0.290	0.405
		Back Side 10mm	0.432	0.139	0.345	0.059	0.571	0.836
		Left Edge 10mm	0.876	0.000	0.000	0.000	0.876	0.876
		Top Edge 10mm	0.095	0.156	0.325	0.083	0.251	0.503
N41	ANT5	Front Side 10mm	0.049	0.100	0.177	0.038	0.149	0.264
		Back Side 10mm	0.089	0.139	0.345	0.059	0.228	0.493
		Right Edge 10mm	0.070	0.052	0.070	0.025	0.122	0.165
		Top Edge 10mm	0.007	0.156	0.325	0.083	0.163	0.415
N77	ANT3	Front Side 10mm	0.259	0.100	0.177	0.038	0.359	0.474
		Back Side 10mm	0.559	0.139	0.345	0.059	0.698	0.963
		Top Edge 10mm	0.497	0.156	0.325	0.083	0.653	0.905
N77	ANT6	Front Side 10mm	0.284	0.100	0.177	0.038	0.384	0.499
		Back Side 10mm	0.459	0.139	0.345	0.059	0.598	0.863
		Right Edge 10mm	0.728	0.052	0.070	0.025	0.780	0.823
N77	ANT2	Front Side 10mm	0.268	0.100	0.177	0.038	0.368	0.483
		Back Side 10mm	0.617	0.139	0.345	0.059	0.756	1.021
		Left Edge 10mm	0.955	0.000	0.000	0.000	0.955	0.955
		Top Edge 10mm	0.233	0.156	0.325	0.083	0.389	0.641
N77	ANT5	Front Side 10mm	0.217	0.100	0.177	0.038	0.317	0.432
		Back Side 10mm	0.357	0.139	0.345	0.059	0.496	0.761
		Right Edge 10mm	0.462	0.052	0.070	0.025	0.514	0.557
		Top Edge 10mm	0.228	0.156	0.325	0.083	0.384	0.636
N78	ANT3	Front Side 10mm	0.332	0.100	0.177	0.038	0.432	0.547
		Back Side 10mm	0.568	0.139	0.345	0.059	0.707	0.972
		Top Edge 10mm	0.668	0.156	0.325	0.083	0.824	1.076
N78	ANT6	Front Side 10mm	0.265	0.100	0.177	0.038	0.365	0.480
		Back Side 10mm	0.514	0.139	0.345	0.059	0.653	0.918
		Right Edge 10mm	0.583	0.052	0.070	0.025	0.635	0.678
N78	ANT2	Front Side 10mm	0.376	0.100	0.177	0.038	0.476	0.591
		Back Side 10mm	0.744	0.139	0.345	0.059	0.883	1.148
		Left Edge 10mm	0.980	0.000	0.000	0.000	0.980	0.980
		Top Edge 10mm	0.262	0.156	0.325	0.083	0.418	0.670
N78	ANT5	Front Side 10mm	0.278	0.100	0.177	0.038	0.378	0.493
		Back Side 10mm	0.423	0.139	0.345	0.059	0.562	0.827

	Right Edge 10mm	0.428	0.052	0.070	0.025	0.480	0.523
	Top Edge 10mm	0.280	0.156	0.325	0.083	0.436	0.688

Note:
 1: The highest Summed 1g SAR is 1.148 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

13.2.9 Specific Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4	Sum SAR (1+2)	Sum SAR (1+3+4)
			WWAN	2.4GWIFI	Max.5GWIFI	Bluetooth		
WCDMA B2	ANT4	Back Side 0mm	0.834	0.000	0.357	0.000	0.834	1.191
		Top Edge 0mm	1.317	0.000	0.773	0.000	1.317	2.090
WCDMA B2	ANT1	Bottom Edge 0mm	0.577	0.000	0.000	0.000	0.577	0.577
WCDMA B4	ANT4	Back Side 0mm	0.723	0.000	0.357	0.000	0.723	1.080
		Top Edge 0mm	1.460	0.000	0.773	0.000	1.460	2.233
WCDMA B4	ANT1	Bottom Edge 0mm	0.521	0.000	0.000	0.000	0.521	0.521
LTE B2	ANT4	Back Side 0mm	0.629	0.000	0.357	0.000	0.629	0.986
		Top Edge 0mm	1.159	0.000	0.773	0.000	1.159	1.932
LTE B2	ANT1	Bottom Edge 0mm	0.607	0.000	0.000	0.000	0.607	0.607
LTE B2	ANT2	Left Edge 0mm	1.901	0.000	0.000	0.000	1.901	1.901
LTE B4	ANT4	Back Side 0mm	0.420	0.000	0.357	0.000	0.420	0.777
		Top Edge 0mm	0.888	0.000	0.773	0.000	0.888	1.661
LTE B4	ANT1	Back Side 0mm	0.797	0.000	0.357	0.000	0.797	1.154
		Bottom Edge 0mm	0.584	0.000	0.000	0.000	0.584	0.584
LTE B7	ANT4	Back Side 0mm	0.981	0.000	0.357	0.000	0.981	1.338
		Top Edge 0mm	1.136	0.000	0.773	0.000	1.136	1.909
LTE B7	ANT1	Back Side 0mm	1.168	0.000	0.357	0.000	1.168	1.525
		Bottom Edge 0mm	1.924	0.000	0.000	0.000	1.924	1.924
LTE B7	ANT2	Left Edge 0mm	1.553	0.000	0.000	0.000	1.553	1.553
LTE B66	ANT4	Top Edge 0mm	1.468	0.000	0.773	0.000	1.468	2.241
LTE B66	ANT1	Back Side 0mm	0.720	0.000	0.357	0.000	0.720	1.077
		Bottom Edge 0mm	1.280	0.000	0.000	0.000	1.280	1.280
LTE B66	ANT2	Left Edge 0mm	1.854	0.000	0.000	0.000	1.854	1.854
LTE B38	ANT2	Left Edge 0mm	1.404	0.000	0.000	0.000	1.404	1.404
LTE B41	ANT2	Left Edge 0mm	1.426	0.000	0.000	0.000	1.426	1.426
N7	ANT4	Top Edge 0mm	1.483	0.000	0.773	0.000	1.483	2.256
N7	ANT1	Bottom Edge 0mm	2.190	0.000	0.000	0.000	2.190	2.190
N66	ANT4	Top Edge 0mm	1.376	0.000	0.773	0.000	1.376	2.149
N66	ANT1	Back Side 0mm	0.729	0.000	0.357	0.000	0.729	1.086
		Bottom Edge 0mm	0.459	0.000	0.000	0.000	0.459	0.459
N38	ANT4	Back Side 0mm	1.811	0.000	0.357	0.000	1.811	2.168
		Top Edge 0mm	2.510	0.000	0.773	0.000	2.510	3.283
N38	ANT1	Bottom Edge 0mm	1.415	0.000	0.000	0.000	1.415	1.415
N38	ANT2	Left Edge 0mm	2.241	0.000	0.000	0.000	2.241	2.241
N41	ANT4	Back Side 0mm	1.016	0.000	0.357	0.000	1.016	1.373
		Top Edge 0mm	2.070	0.000	0.773	0.000	2.070	2.843

N41	ANT1	Bottom Edge 0mm	1.104	0.000	0.000	0.000	1.104	1.104
N41	ANT2	Left Edge 0mm	2.245	0.000	0.000	0.000	2.245	2.245
N77	ANT3	Back Side 0mm	1.372	0.000	0.357	0.000	1.372	1.729
		Top Edge 0mm	1.987	0.000	0.773	0.000	1.987	2.760
N77	ANT6	Back Side 0mm	0.755	0.000	0.357	0.000	0.755	1.112
		Right Edge 0mm	2.310	0.000	0.199	0.000	2.310	2.509
N77	ANT2	Back Side 0mm	0.628	0.000	0.357	0.000	0.628	0.985
		Left Edge 0mm	1.876	0.000	0.000	0.000	1.876	1.876
N77	ANT5	Back Side 0mm	0.468	0.000	0.357	0.000	0.468	0.825
		Right Edge 0mm	2.109	0.000	0.199	0.000	2.109	2.308
N78	ANT3	Back Side 0mm	1.090	0.000	0.357	0.000	1.090	1.447
		Top Edge 0mm	2.168	0.000	0.773	0.000	2.168	2.941
N78	ANT6	Back Side 0mm	0.867	0.000	0.357	0.000	0.867	1.224
		Right Edge 0mm	2.171	0.000	0.199	0.000	2.171	2.370
N78	ANT2	Back Side 0mm	1.034	0.000	0.357	0.000	1.034	1.391
		Left Edge 0mm	2.368	0.000	0.000	0.000	2.368	2.368
N78	ANT5	Back Side 0mm	0.764	0.000	0.357	0.000	0.764	1.121
		Right Edge 0mm	2.275	0.000	0.199	0.000	2.275	2.474

Note:
 1: The highest Summed 10g SAR is 3.283 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.



14 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY5	52.8.8.1222	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1201	2020/11/11	2023/11/10
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2021/05/17	2024/05/16
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2021/05/17	2024/05/16
1900MHz Validation Dipole	Speag	D1900V2	SN: 5d193	2021/05/20	2024/05/19
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2021/05/19	2024/05/18
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2021/05/19	2024/05/18
3500MHz Validation Dipole	Speag	D3500V2	SN: 1115	2020/11/11	2023/11/10
3700MHz Validation Dipole	Speag	D3700V2	SN: 1086	2020/11/12	2023/11/11
3900MHz Validation Dipole	Speag	D3900V2	SN: 1059	2020/11/13	2023/11/12
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2021/05/18	2024/05/17
E-Field Probe	Speag	EX3DV4	SN: 7607	2023/07/04	2024/07/03
Data Acquisition Electronicsr	Speag	DAE4	SN: 878	2023/03/23	2024/03/22
Signal Generator	R&S	SMB100A	177746	2023/05/10	2024/05/09
Power Meter	R&S	NRVD-B2	835843/014	2023/09/05	2024/09/04
Power Sensor	R&S	NRV-Z4	100381	2023/09/05	2024/09/04
Power Sensor	R&S	NRV-Z2	100211	2023/09/05	2024/09/04
Wireless Communication Test Set	Anritsu	MT8820C	6201502974	2022/12/28	2023/12/27
Network Analyzer	Agilent	E5071C	MY46103472	2022/12/06	2023/12/05
Thermometer	Elitech	RC-4HC	EF720B004811	2022/11/25	2023/11/24
Thermometer	Elitech	RC-4HC	EF720B004817	2022/11/18	2023/11/17
Power Amplifier	SATIMO	6552B	22374	N/A	N/A
Dielectric Probe Kit	Speag	DAK3.5	SN: 1312	N/A	N/A
Phantom	Speag	SAM	SN: 1576	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 DAK3.5 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 (%)
2023.08.17	Head	750	21.2	0.90	41.68	0.89	41.94	1.12	-0.62
2023.08.18	Head	750	21.4	0.90	41.62	0.89	41.94	1.12	-0.76
2023.08.19	Head	750	21.2	0.92	40.80	0.89	41.94	3.37	-2.72
2023.08.20	Head	835	21.2	0.90	41.73	0.90	41.50	0.00	0.55
2023.08.21	Head	835	21.1	0.90	41.89	0.90	41.50	0.00	0.94
2023.08.22	Head	835	21.1	0.90	41.82	0.90	41.50	0.00	0.77
2023.08.23	Head	835	21.2	0.90	41.88	0.90	41.50	0.00	0.92
2023.08.24	Head	835	21.9	0.90	41.94	0.90	41.50	0.00	1.06
2023.08.25	Head	1750	21.3	1.38	40.12	1.37	40.08	0.73	0.10
2023.08.26	Head	1750	21.3	1.37	40.10	1.37	40.08	0.00	0.05
2023.08.27	Head	1750	21.7	1.38	40.24	1.37	40.08	0.73	0.40
2023.08.28	Head	1750	21.1	1.38	40.06	1.37	40.08	0.73	-0.05
2023.10.05	Head	1750	21.4	1.36	39.84	1.37	40.08	-0.73	-0.60
2023.09.06	Head	1900	21.1	1.39	39.78	1.40	40.00	-0.71	-0.55
2023.09.07	Head	1900	21.8	1.39	40.04	1.40	40.00	-0.71	0.10
2023.08.29	Head	1900	21.3	1.40	39.77	1.40	40.00	0.00	-0.57
2023.10.06	Head	1900	21.5	1.39	39.79	1.40	40.00	-0.71	-0.53
2023.08.30	Head	2450	21.2	1.80	39.40	1.80	39.20	0.00	0.51
2023.09.08	Head	2600	21.7	1.98	38.45	1.96	39.01	1.02	-1.44
2023.08.31	Head	2600	21.5	1.99	38.49	1.96	39.01	1.53	-1.33
2023.09.01	Head	2600	21.4	1.98	38.54	1.96	39.01	1.02	-1.20
2023.09.12	Head	2600	21.7	1.97	38.40	1.96	39.01	0.51	-1.56
2023.09.02	Head	2600	21.6	1.97	38.44	1.96	39.01	0.51	-1.46
2023.09.13	Head	2600	21.7	1.97	38.50	1.96	39.01	0.51	-1.31
2023.10.07	Head	2600	21.3	1.99	38.54	1.96	39.01	1.53	-1.20
2023.09.15	Head	3400	21.4	2.87	38.29	2.91	37.93	-1.37	0.95
2023.09.16	Head	3700	21.2	2.87	38.21	2.91	37.93	-1.37	0.74
2023.09.17	Head	4100	21.5	2.87	38.38	2.91	37.93	-1.37	1.19
2023.09.18	Head	3400	21.3	3.13	37.56	3.12	37.70	0.32	-0.37
2023.09.19	Head	3500	21.4	3.12	37.64	3.12	37.70	0.00	-0.16
2023.09.20	Head	3700	21.2	3.33	37.52	3.32	37.47	0.30	0.13
2023.09.10	Head	5250	21.1	4.70	35.91	4.71	35.93	-0.21	-0.06
2023.09.10	Head	5600	21.1	5.05	35.36	5.07	35.53	-0.39	-0.48

2023.09.11	Head	5750	21.3	5.17	35.46	5.22	35.36	-0.96	0.28
2023.08.25	Head	1750	21.3	1.38	40.12	1.37	40.08	0.73	0.10
2023.08.31	Head	2600	21.5	1.99	38.49	1.96	39.01	1.53	-1.33
2023.09.12	Head	2600	21.7	1.97	38.40	1.96	39.01	0.51	-1.56

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 (%)
2023.08.17	Head	750	100	0.83	8.25	8.29	-0.48
2023.08.18	Head	750	100	0.82	8.21	8.29	-0.97
2023.08.19	Head	750	100	0.81	8.09	8.29	-2.41
2023.08.20	Head	835	100	0.98	9.78	9.76	0.20
2023.08.21	Head	835	100	0.97	9.72	9.76	-0.41
2023.08.22	Head	835	100	0.99	9.87	9.76	1.13
2023.08.23	Head	835	100	0.97	9.67	9.76	-0.92
2023.08.24	Head	835	100	0.96	9.57	9.76	-1.95
2023.08.25	Head	1750	100	3.72	37.20	36.7	1.36
2023.08.26	Head	1750	100	3.59	35.90	36.7	-2.18
2023.08.27	Head	1750	100	3.52	35.20	36.7	-4.09
2023.08.28	Head	1750	100	3.71	37.10	36.7	1.09
2023.10.05	Head	1750	100	3.77	37.70	36.7	2.72
2023.09.06	Head	1900	100	4.11	41.10	40.3	1.99
2023.09.07	Head	1900	100	3.95	39.50	40.3	-1.99
2023.08.29	Head	1900	100	4.16	41.60	40.3	3.23
2023.10.06	Head	1900	100	4.04	40.40	40.3	0.25
2023.08.30	Head	2450	100	5.21	52.10	53	-1.70
2023.09.08	Head	2600	100	5.61	56.10	56.8	-1.23
2023.08.31	Head	2600	100	5.55	55.50	56.8	-2.29
2023.09.01	Head	2600	100	5.62	56.20	56.8	-1.06
2023.09.12	Head	2600	100	5.85	58.50	56.8	2.99
2023.09.02	Head	2600	100	5.75	57.50	56.8	1.23
2023.09.13	Head	2600	100	5.54	55.40	56.8	-2.46
2023.10.07	Head	2600	100	5.56	55.60	56.8	-2.11
2023.09.15	Head	3500	100	6.75	67.50	66.8	1.05
2023.09.16	Head	3500	100	6.83	68.30	66.8	2.25
2023.09.17	Head	3500	100	6.85	68.50	66.8	2.54
2023.09.18	Head	3700	100	6.78	67.80	66	2.73
2023.09.19	Head	3700	100	6.73	67.30	66	1.97
2023.09.20	Head	3900	100	7.01	70.10	67.2	4.32
2023.09.10	Head	5250	100	7.91	79.10	77.8	1.67
2023.09.10	Head	5600	100	8.27	82.70	81.2	1.85
2023.09.11	Head	5750	100	7.91	79.10	77.2	2.46
2023.08.25	Head	1750	100	3.72	37.20	36.7	1.36

2023.08.31	Head	2600	100	5.55	55.50	56.8	-2.29
2023.09.12	Head	2600	100	5.85	58.50	56.8	2.99

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 (%)
2023.08.25	Head	1750	100	1.94	19.40	19.10	1.57
2023.08.26	Head	1750	100	1.91	19.10	19.10	0.00
2023.08.27	Head	1750	100	1.85	18.50	19.10	-3.14
2023.08.28	Head	1750	100	1.92	19.20	19.10	0.52
2023.09.07	Head	1900	100	2.02	20.20	20.30	-0.49
2023.08.29	Head	1900	100	2.11	21.10	20.30	3.94
2023.09.08	Head	2600	100	2.46	24.60	24.80	-0.81
2023.08.31	Head	2600	100	2.41	24.10	24.80	-2.82
2023.09.01	Head	2600	100	2.49	24.90	24.80	0.40
2023.09.12	Head	2600	100	2.55	25.50	24.80	2.82
2023.09.02	Head	2600	100	2.51	25.10	24.80	1.21
2023.09.13	Head	2600	100	2.44	24.40	24.80	-1.61
2023.10.07	Head	2600	100	2.41	24.10	24.80	-2.82
2023.09.15	Head	3500	100	2.46	24.60	25.20	-2.38
2023.09.16	Head	3500	100	2.49	24.90	25.20	-1.19
2023.09.17	Head	3500	100	2.51	25.10	25.20	-0.40
2023.09.18	Head	3700	100	2.39	23.90	23.80	0.42
2023.09.19	Head	3700	100	2.32	23.20	23.80	-2.52
2023.09.20	Head	3900	100	2.41	24.10	23.90	0.84
2023.09.10	Head	5250	100	2.28	22.80	22.10	3.17
2023.09.10	Head	5600	100	2.35	23.50	23.10	1.73

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

System Performance Check Data (750MHz)

Date: 2023.08.17

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 750$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.683$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.803 W/kg

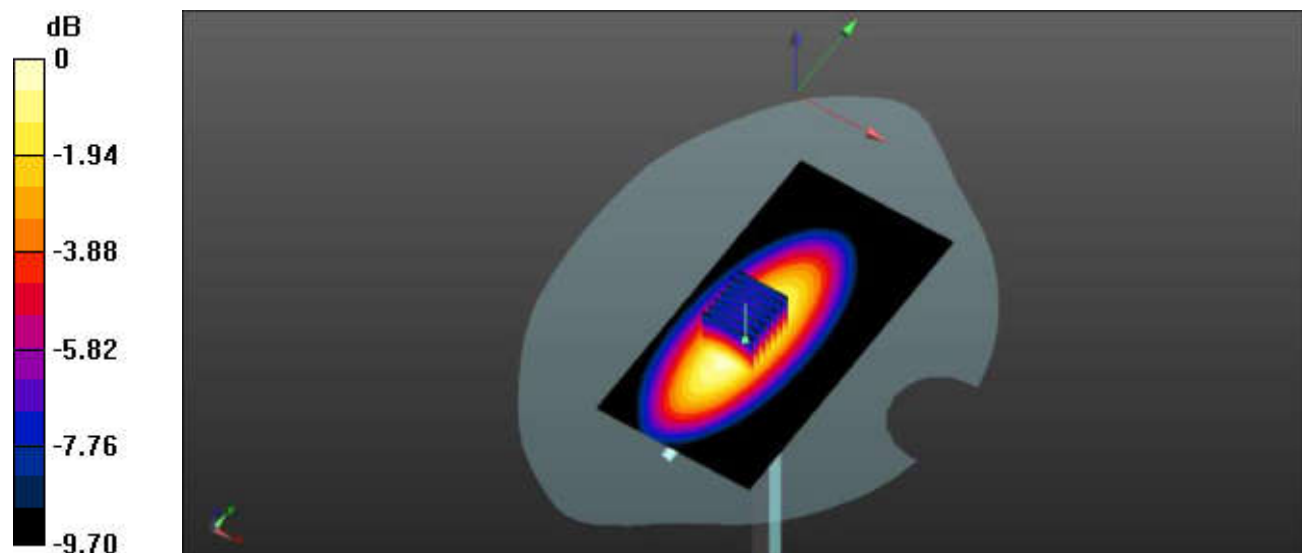
CW 750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.05 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.534 W/kg

Maximum value of SAR (measured) = 0.829 W/kg



0 dB = 0.829 W/kg

System Performance Check Data (750MHz)

Date: 2023.08.18

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 750$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.619$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.871 W/kg

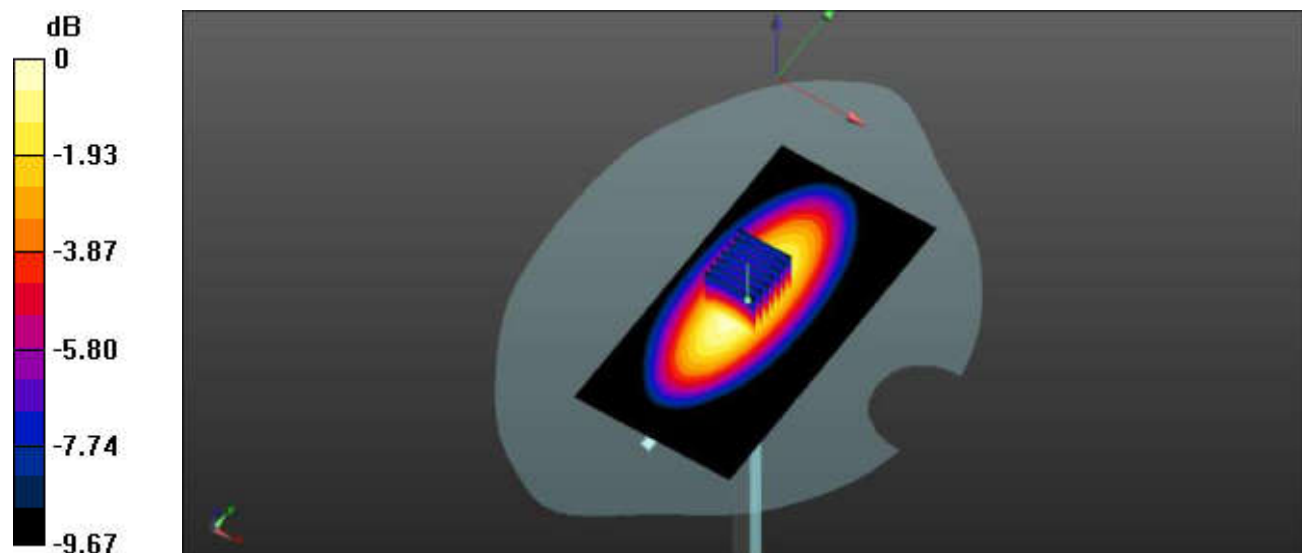
CW 750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.537 W/kg

Maximum value of SAR (measured) = 0.882 W/kg



0 dB = 0.882 W/kg

System Performance Check Data (750MHz)

Date: 2023.08.19

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 750$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 40.803$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.858 W/kg

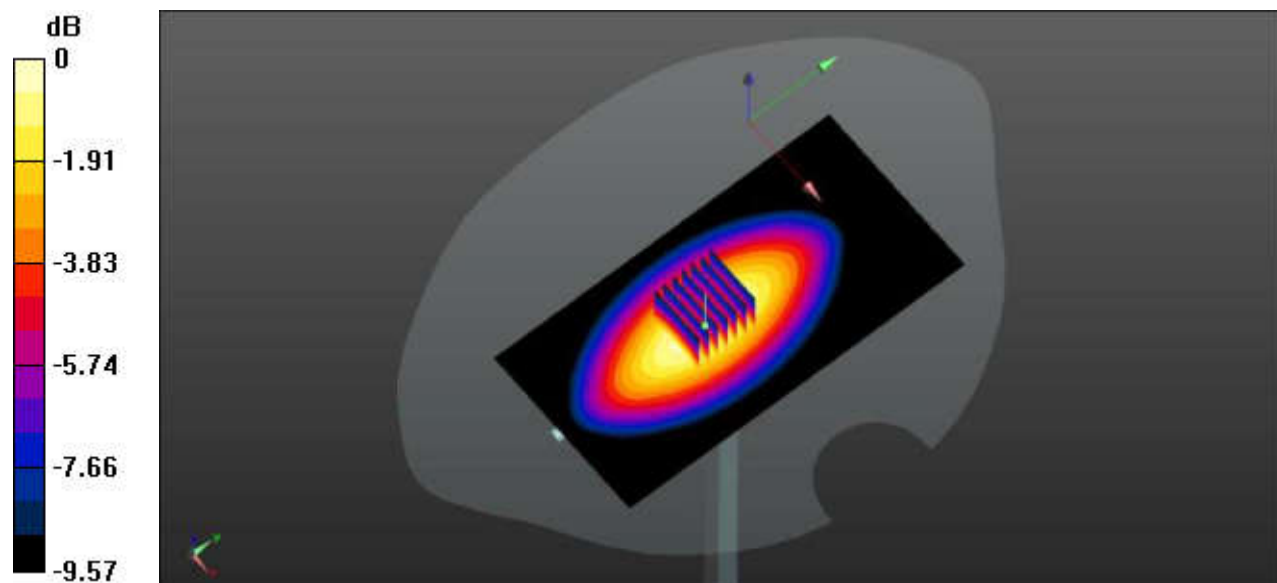
CW 750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.52 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.521 W/kg

Maximum value of SAR (measured) = 0.858 W/kg



0 dB = 0.858 W/kg

System Performance Check Data (835MHz)

Date: 2023.08.20

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.732$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

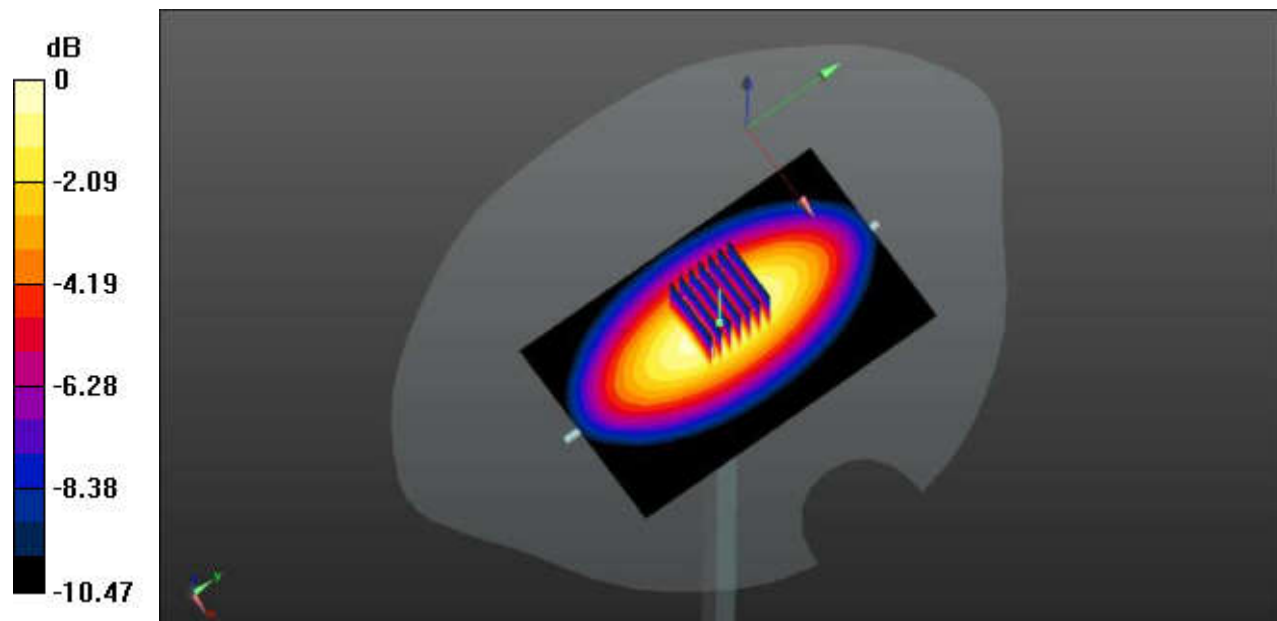
CW 835/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.28 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.653 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

System Performance Check Data (835MHz)

Date: 2023.08.21

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 41.891$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.965 W/kg

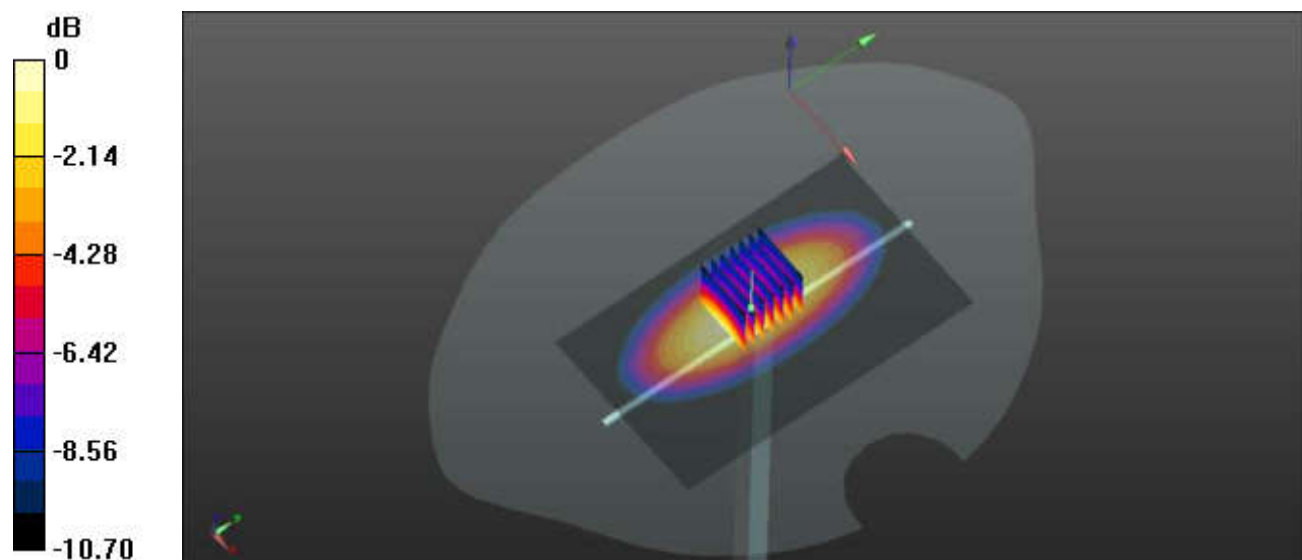
CW 835/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.30 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.624 W/kg

Maximum value of SAR (measured) = 0.978 W/kg



0 dB = 0.978 W/kg

System Performance Check Data (835MHz)

Date: 2023.08.22

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 41.819$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835/Area Scan (61x81x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 1.09 W/kg

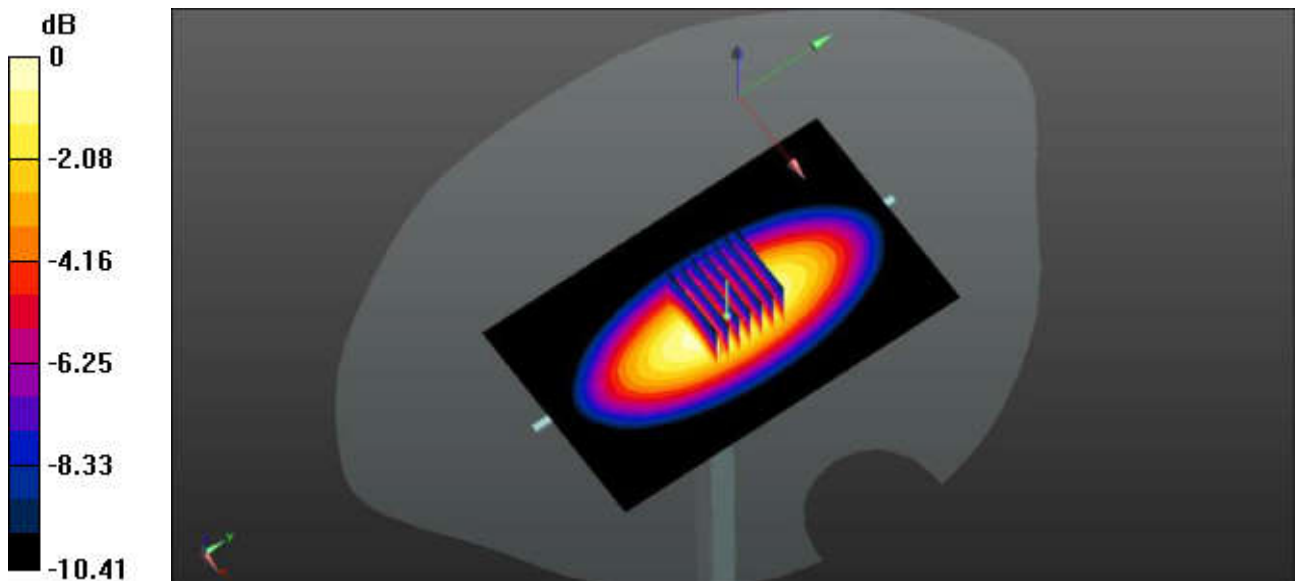
CW 835/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.65 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.641 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

System Performance Check Data (835MHz)

Date: 2023.08.23

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.978 W/kg

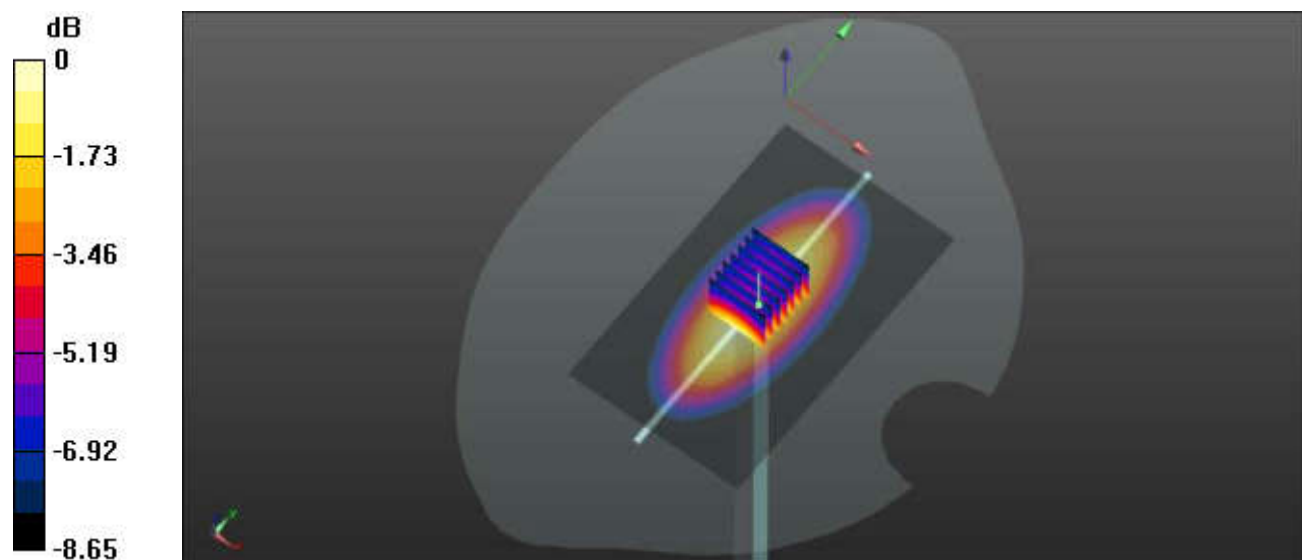
CW 835/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.63 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.638 W/kg

Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.977 W/kg

System Performance Check Data (835MHz)

Date: 2023.08.24

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 41.941$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.975 W/kg

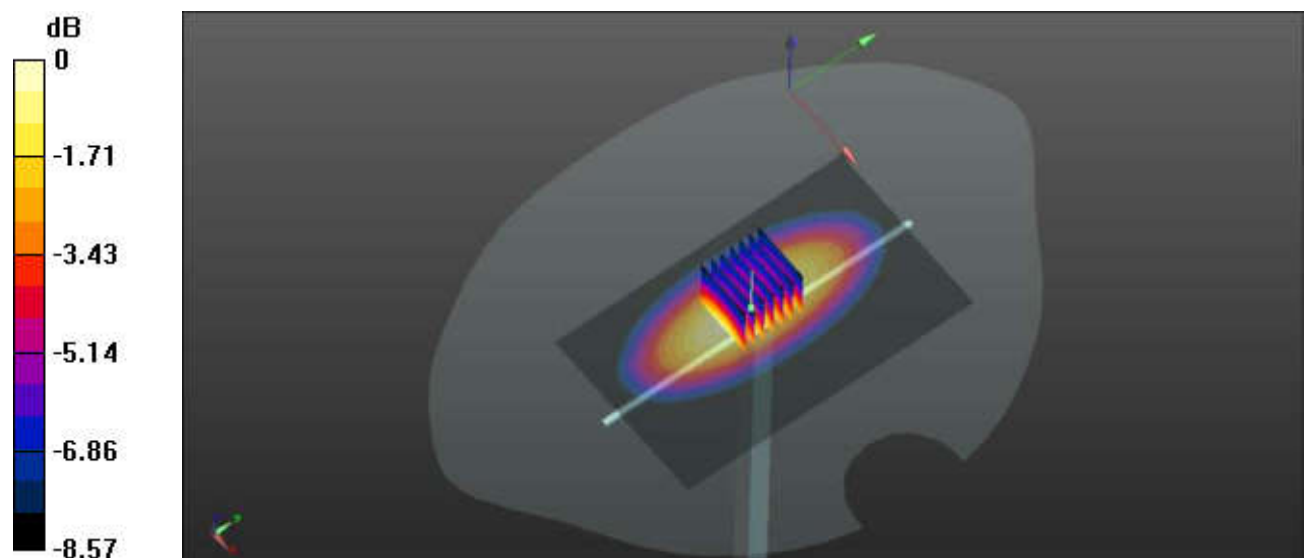
CW 835/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.54 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.625 W/kg

Maximum value of SAR (measured) = 0.975 W/kg



0 dB = 0.975 W/kg

System Performance Check Data (1750MHz)

Date: 2023.08.25

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1750$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.33 W/kg

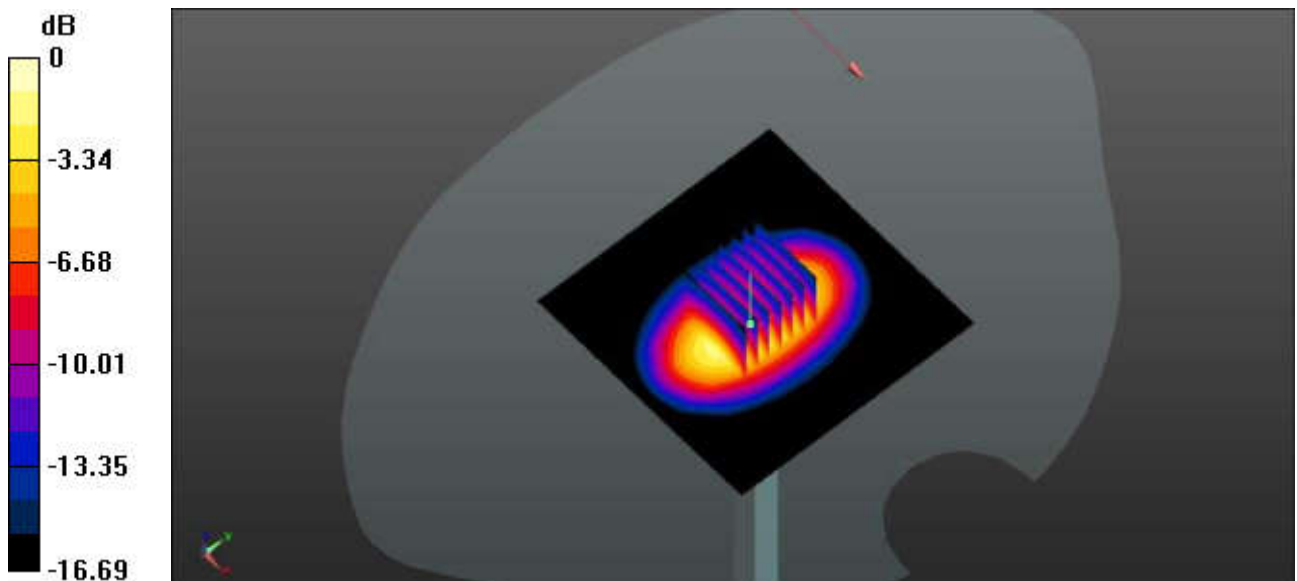
CW 1750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.71 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 7.02 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.94 W/kg

Maximum value of SAR (measured) = 4.28 W/kg



0 dB = 4.28 W/kg

System Performance Check Data (1750MHz)

Date: 2023.08.26

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 40.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750/Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 4.03 W/kg

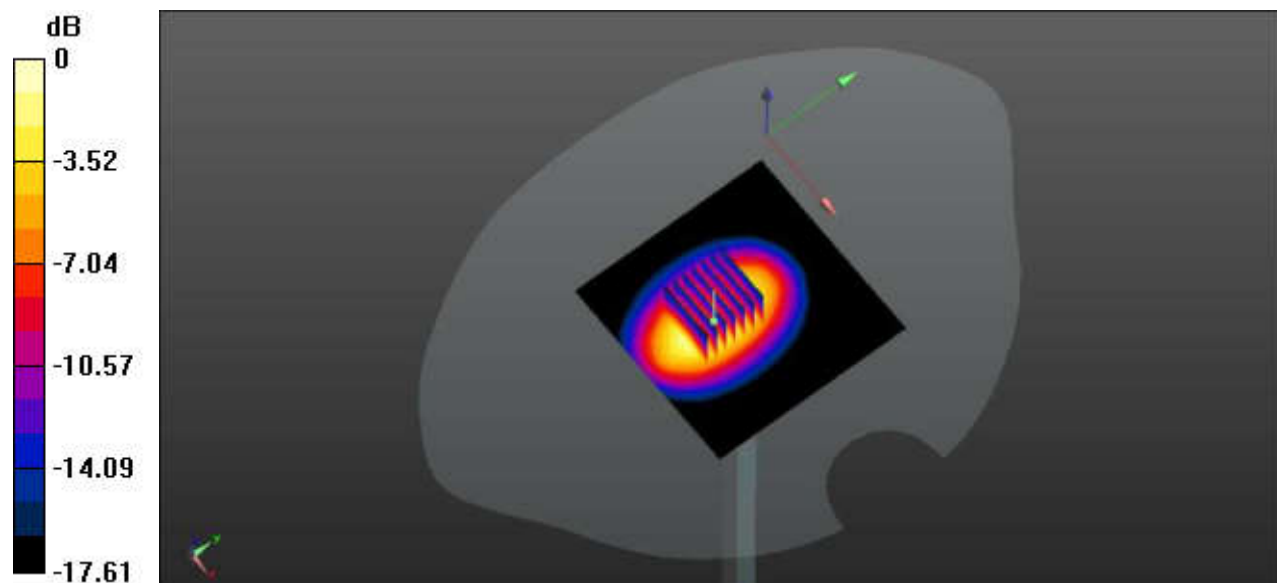
CW 1750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.41 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.75 W/kg

SAR(1 g) = 3.59 W/kg; SAR(10 g) = 1.91 W/kg

Maximum value of SAR (measured) = 4.21 W/kg



0 dB = 4.21 W/kg

System Performance Check Data (1750MHz)

Date: 2023.08.27

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 40.244$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.15 W/kg

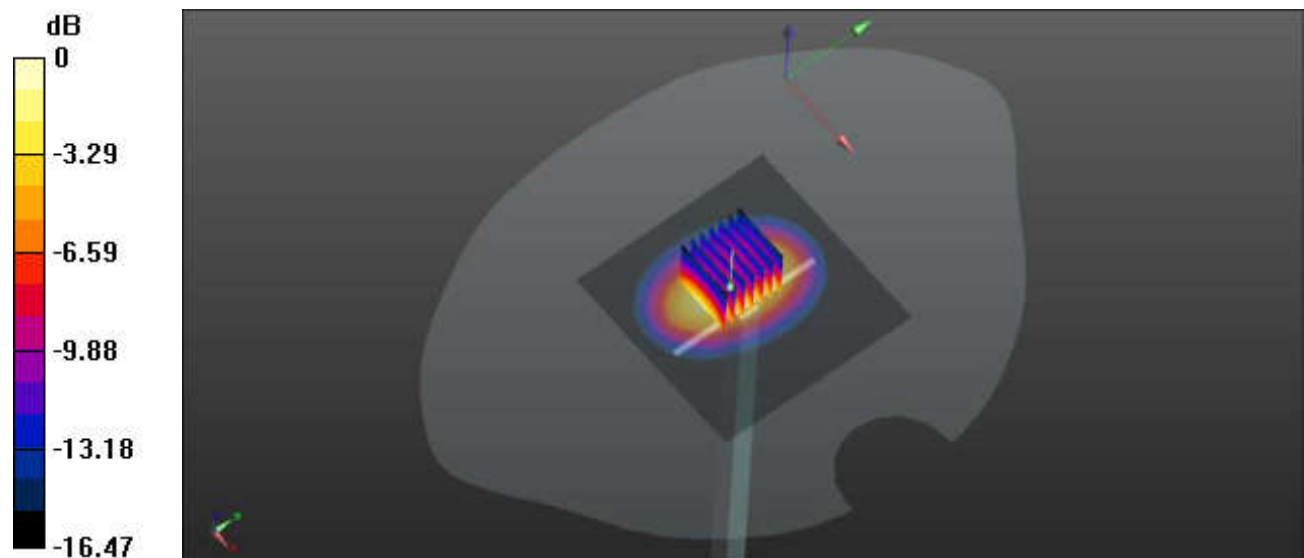
CW 1750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.92 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.75 W/kg

SAR(1 g) = 3.52 W/kg; SAR(10 g) = 1.85 W/kg

Maximum value of SAR (measured) = 4.09 W/kg



0 dB = 4.09 W/kg

System Performance Check Data (1750MHz)

Date: 2023.08.28

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.059$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.22 W/kg

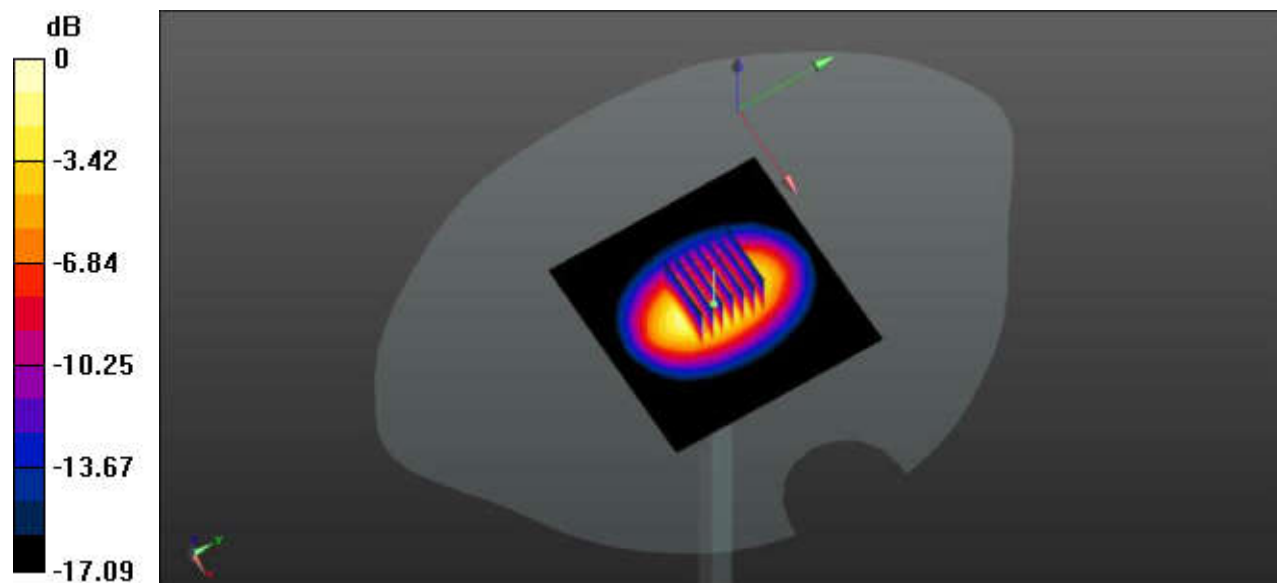
CW 1750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.24 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.03 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.92 W/kg

Maximum value of SAR (measured) = 4.15 W/kg



0 dB = 4.15 W/kg

System Performance Check Data (1750MHz)

Date: 2023.10.05

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.361 \text{ S/m}$; $\epsilon_r = 39.841$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 4.13 W/kg

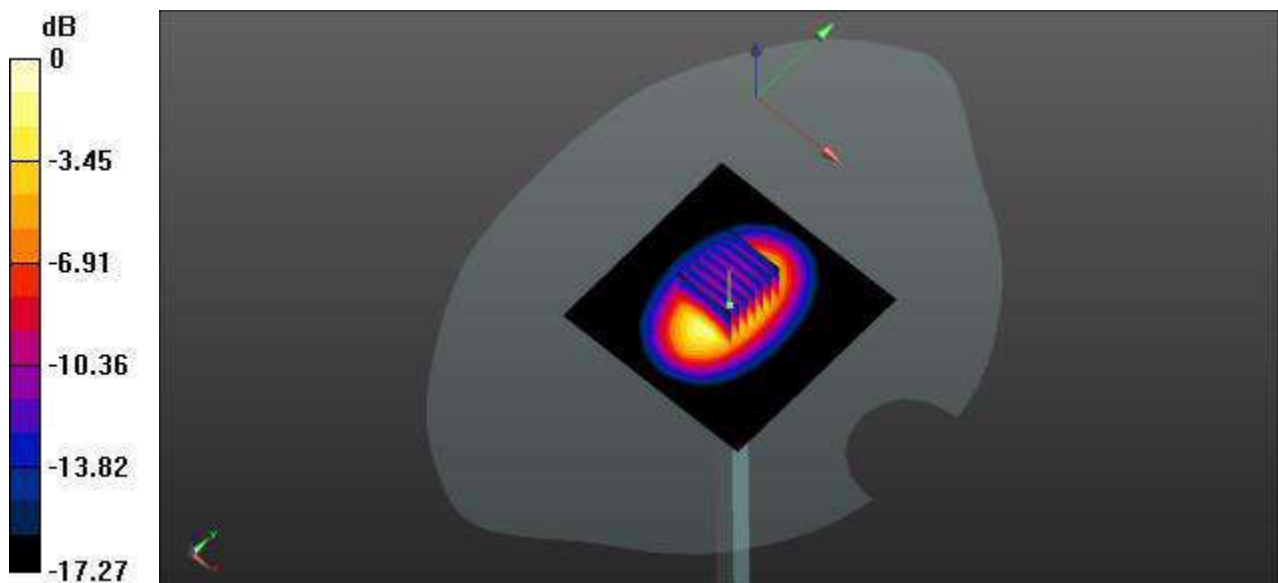
CW 1750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 48.44 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 6.75 W/kg

SAR(1 g) = 3.77 W/kg; SAR(10 g) = 1.95 W/kg

Maximum value of SAR (measured) = 4.09 W/kg



0 dB = 4.09 W/kg

System Performance Check Data (1900MHz)

Date: 2023.09.06

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 39.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.54 W/kg

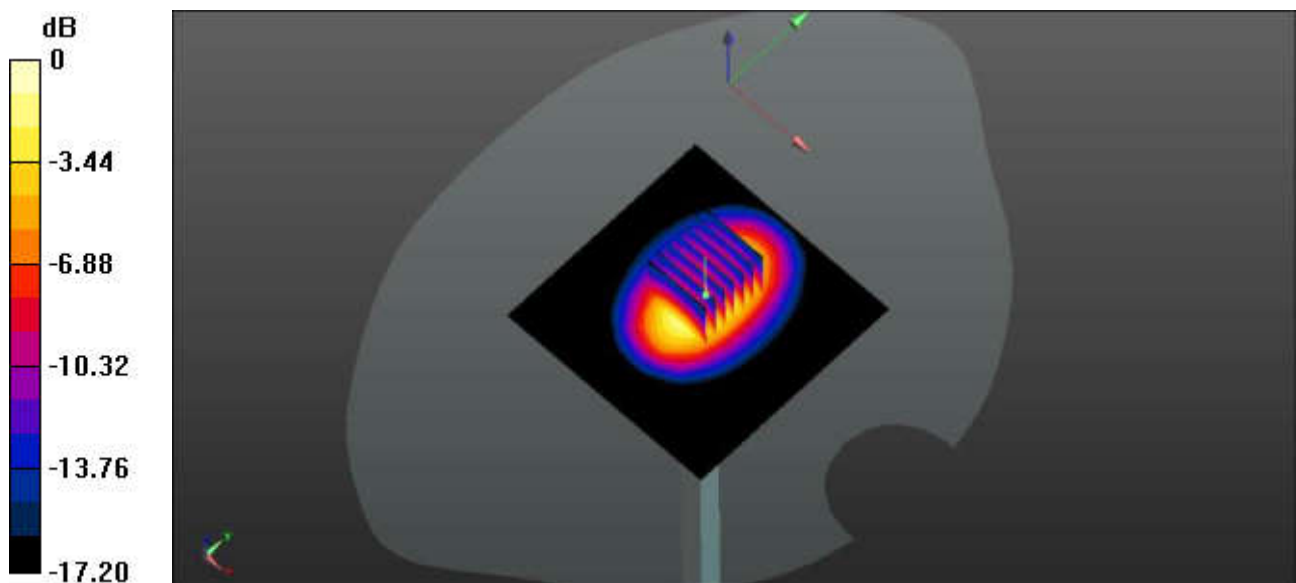
CW 1900/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.10 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 7.51 W/kg

SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 4.57 W/kg



0 dB = 4.57 W/kg

System Performance Check Data (1900MHz)

Date: 2023.09.07

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 40.036$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.37 W/kg

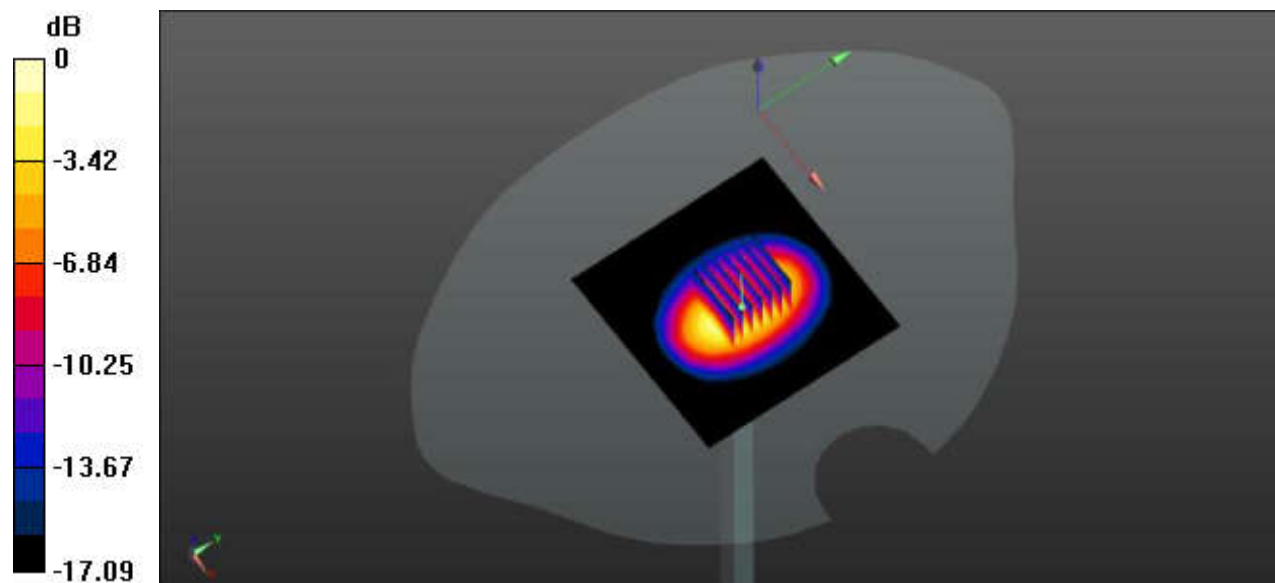
CW 1900/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 7.21 W/kg

SAR(1 g) = 3.95 W/kg; SAR(10 g) = 2.02 W/kg

Maximum value of SAR (measured) = 4.45 W/kg



0 dB = 4.45 W/kg

System Performance Check Data (1900MHz)

Date: 2023.08.29

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.4 \text{ S/m}$; $\epsilon_r = 39.773$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 4.71 W/kg

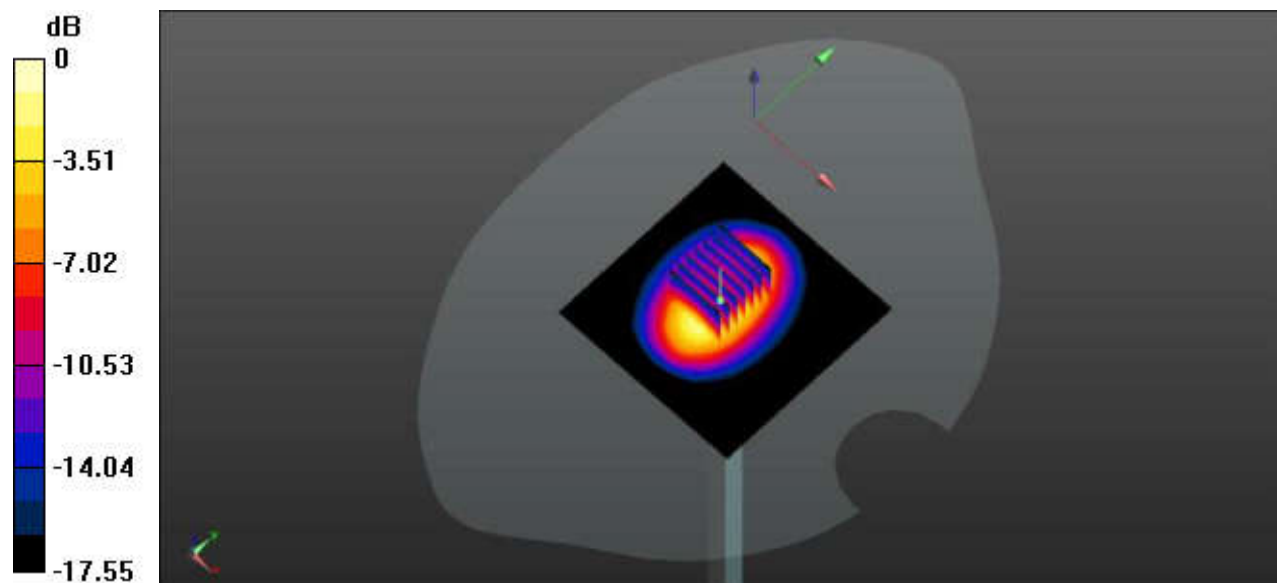
CW 1900/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.12 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 8.12 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 4.69 W/kg



0 dB = 4.69 W/kg

System Performance Check Data (1900MHz)

Date: 2023.10.06

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.394 \text{ S/m}$; $\epsilon_r = 39.792$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 4.55 W/kg

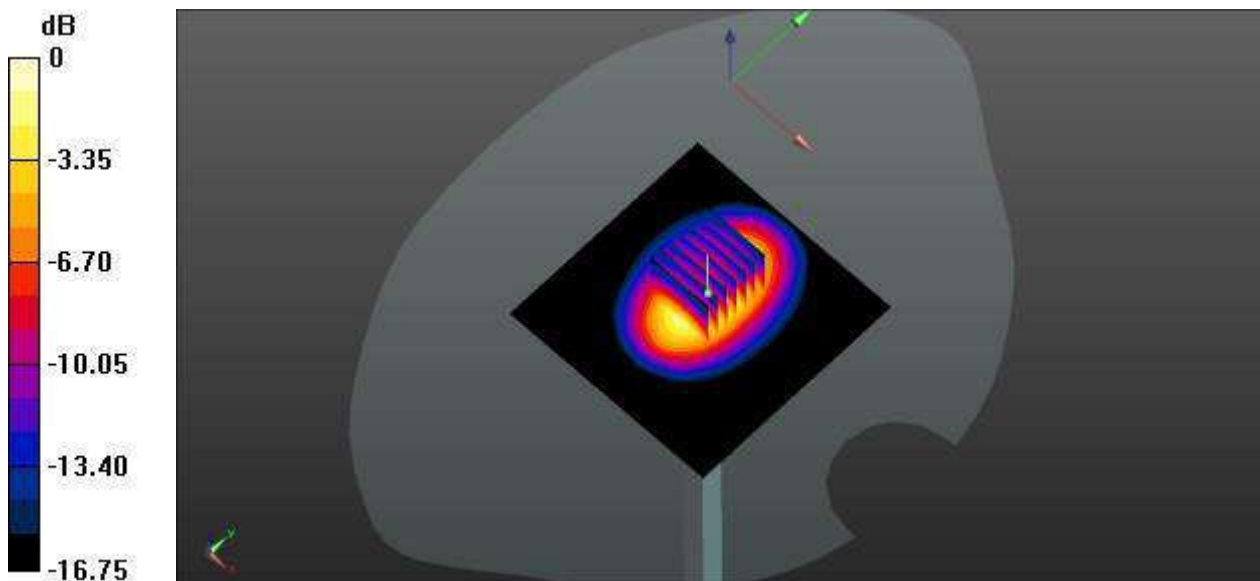
CW 1900/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.76 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.32 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 4.52 W/kg



0 dB = 4.52 W/kg

System Performance Check Data (2450MHz)

Date: 2023.08.30

Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 39.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.47, 7.76, 7.61); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2450/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.32 W/kg

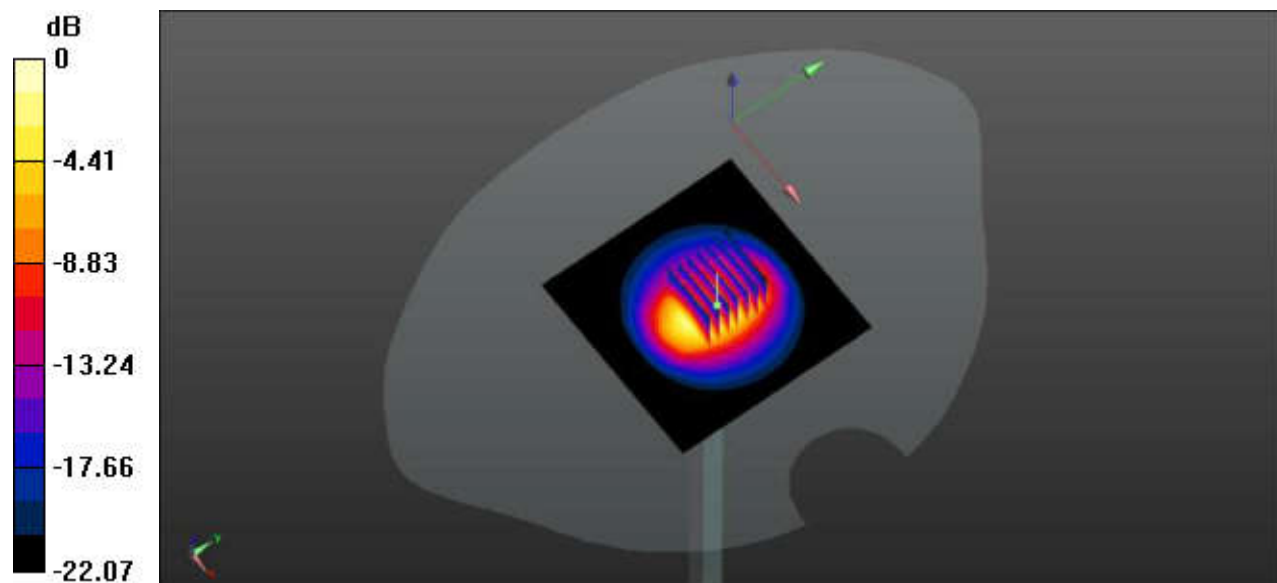
CW 2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.07 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.21 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 6.18 W/kg



0 dB = 6.18 W/kg

System Performance Check Data (2600MHz)

Date: 2023.09.08

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.975$ S/m; $\epsilon_r = 38.447$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.60 W/kg

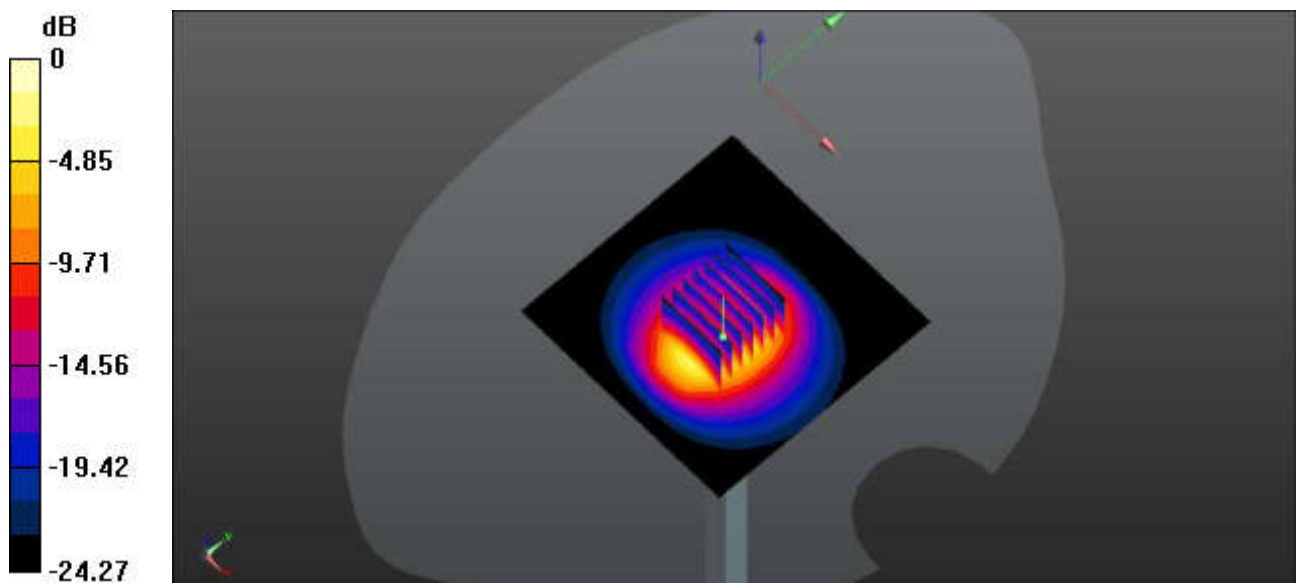
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.73 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 5.61 W/kg; SAR(10 g) = 2.46 W/kg

Maximum value of SAR (measured) = 6.44 W/kg



0 dB = 6.44 W/kg

System Performance Check Data (2600MHz)

Date: 2023.08.31

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.19 W/kg

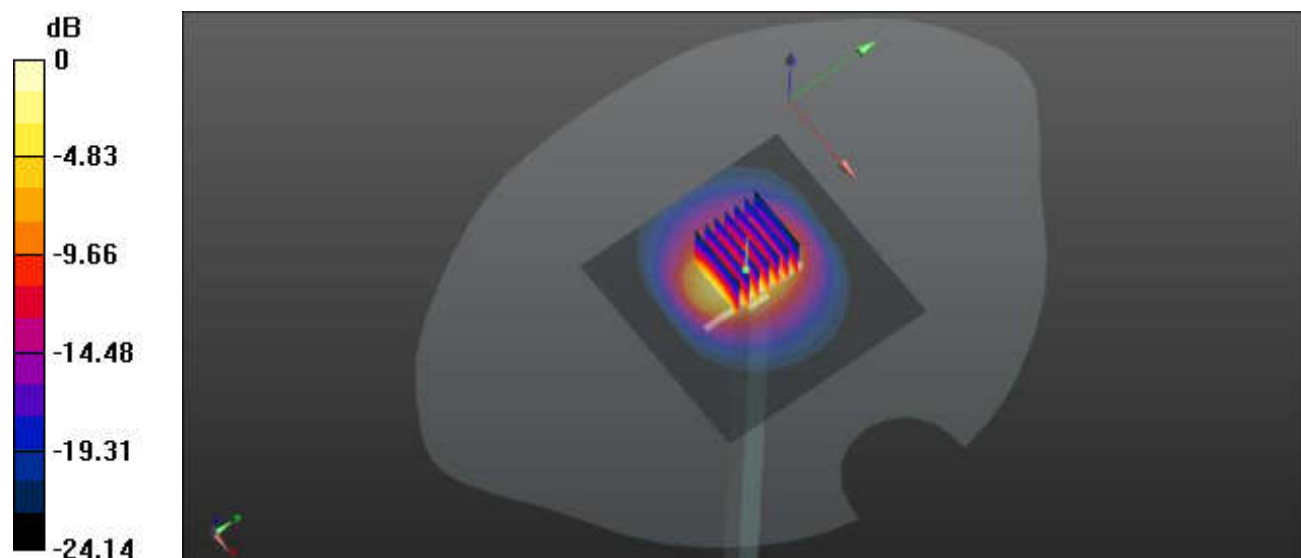
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 40.20 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 6.27 W/kg



0 dB = 6.27 W/kg

System Performance Check Data (2600MHz)

Date: 2023.09.01

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.975$ S/m; $\epsilon_r = 38.54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.46 W/kg

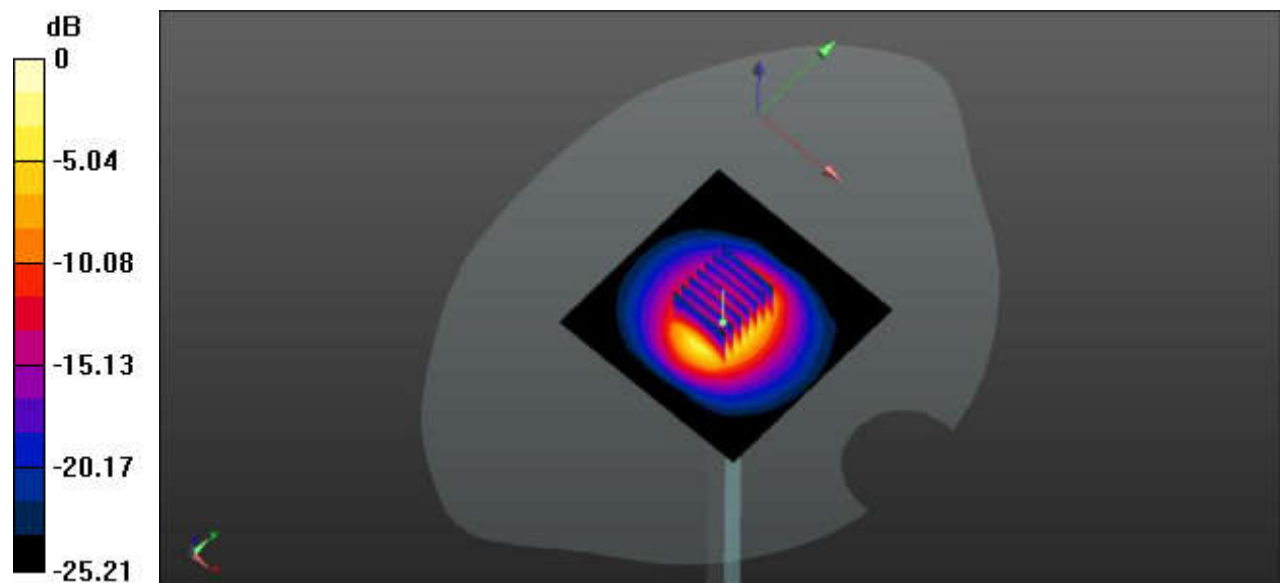
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.55 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.62 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 6.41 W/kg



0 dB = 6.41 W/kg

System Performance Check Data (2600MHz)

Date: 2023.09.12

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 38.398$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.73 W/kg

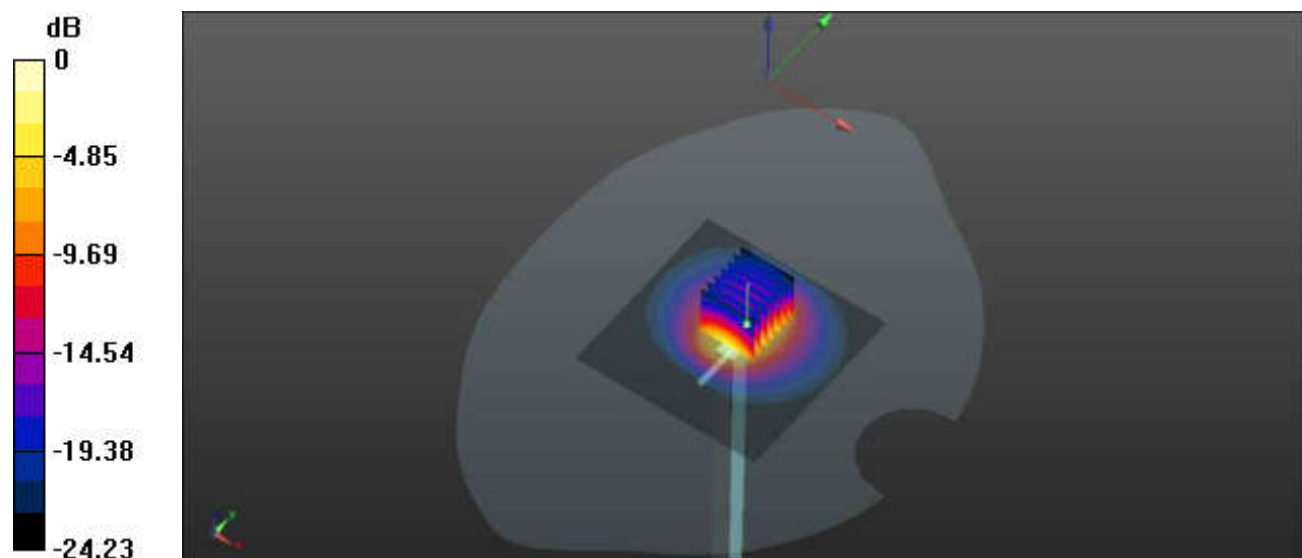
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.39 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.6 W/kg

SAR(1 g) = 5.85 W/kg; SAR(10 g) = 2.55 W/kg

Maximum value of SAR (measured) = 6.68 W/kg



0 dB = 6.68 W/kg

System Performance Check Data (2600MHz)

Date: 2023.09.02

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.969$ S/m; $\epsilon_r = 38.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 7.06 W/kg

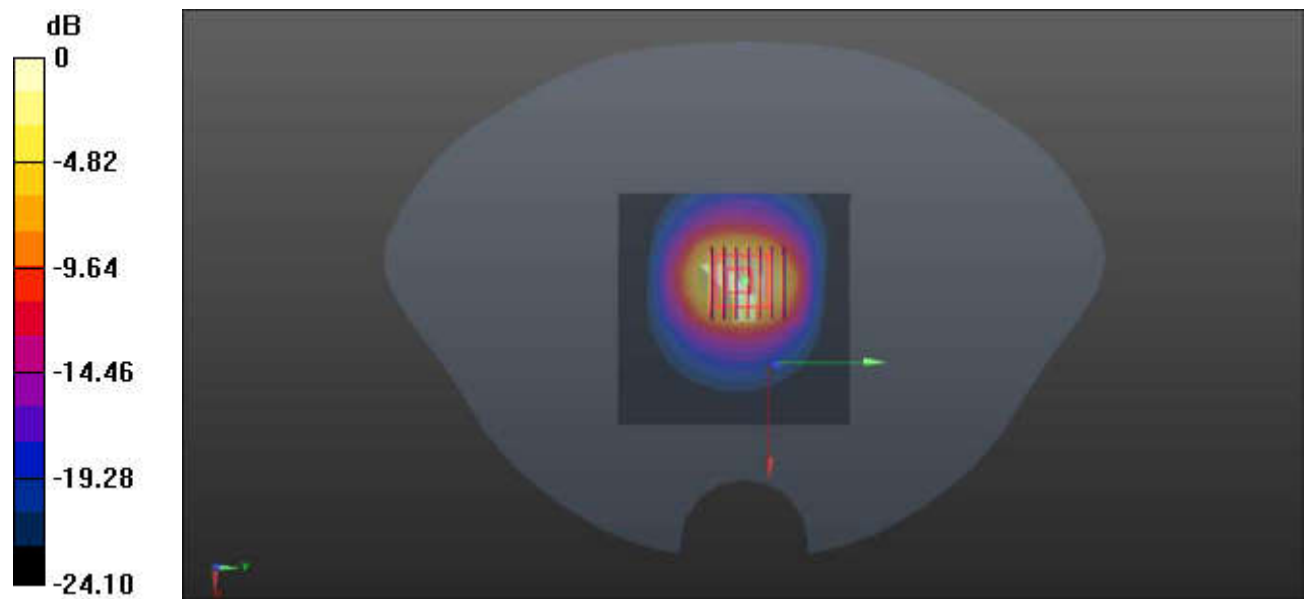
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.44 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 5.75 W/kg; SAR(10 g) = 2.51 W/kg

Maximum value of SAR (measured) = 6.59 W/kg



0 dB = 6.59 W/kg

System Performance Check Data (2600MHz)

Date: 2023.09.13

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.974$ S/m; $\epsilon_r = 38.502$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.45 W/kg

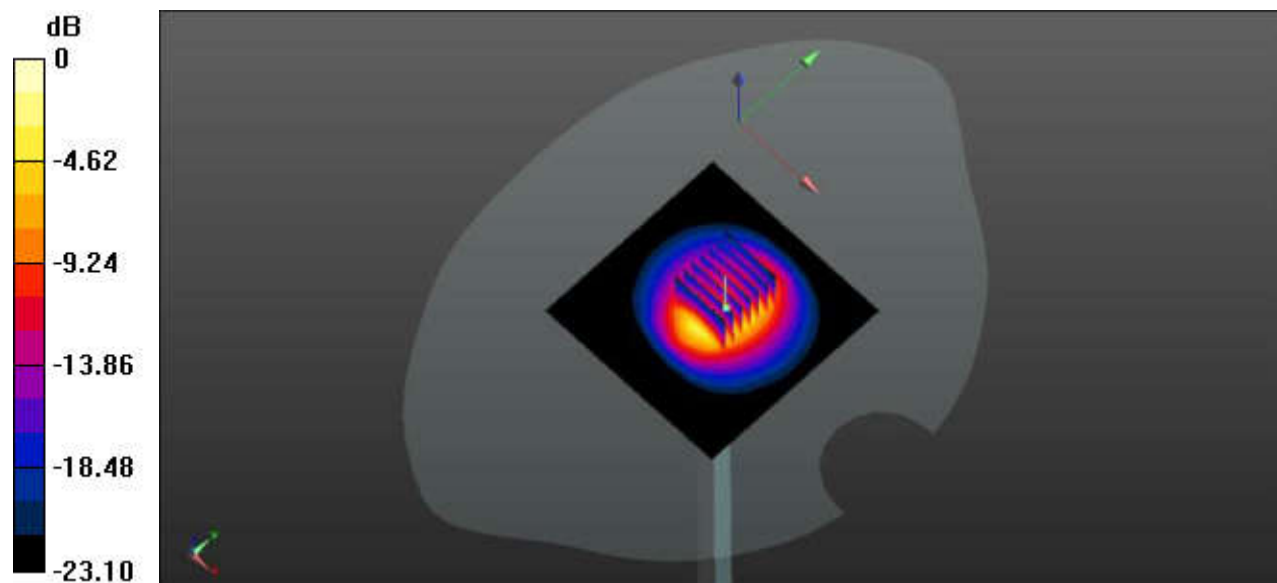
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.43 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.54 W/kg; SAR(10 g) = 2.44 W/kg

Maximum value of SAR (measured) = 6.37 W/kg



0 dB = 6.37 W/kg

System Performance Check Data (2600MHz)

Date: 2023.10.07

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.544$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.89 W/kg

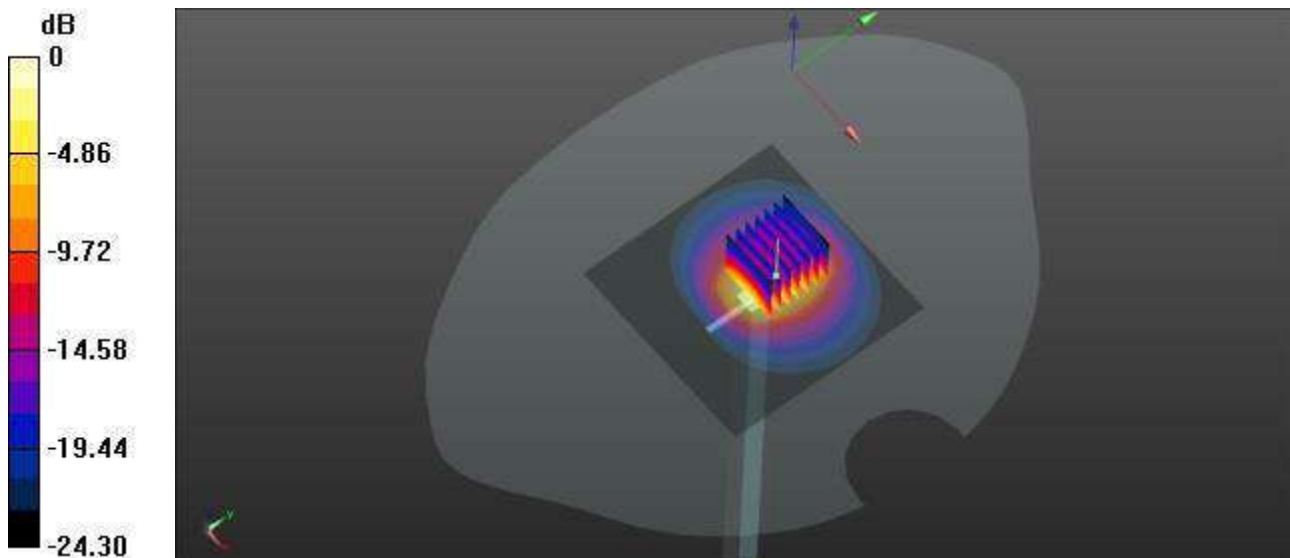
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.25 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 5.56 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 6.36 W/kg



0 dB = 6.36 W/kg

System Performance Check Data (3500MHz)

Date: 2023.09.15

Communication System Band: D3500 (3300.0 - 3600.0 MHz); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.869$ S/m; $\epsilon_r = 38.293$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3500/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.35 W/kg

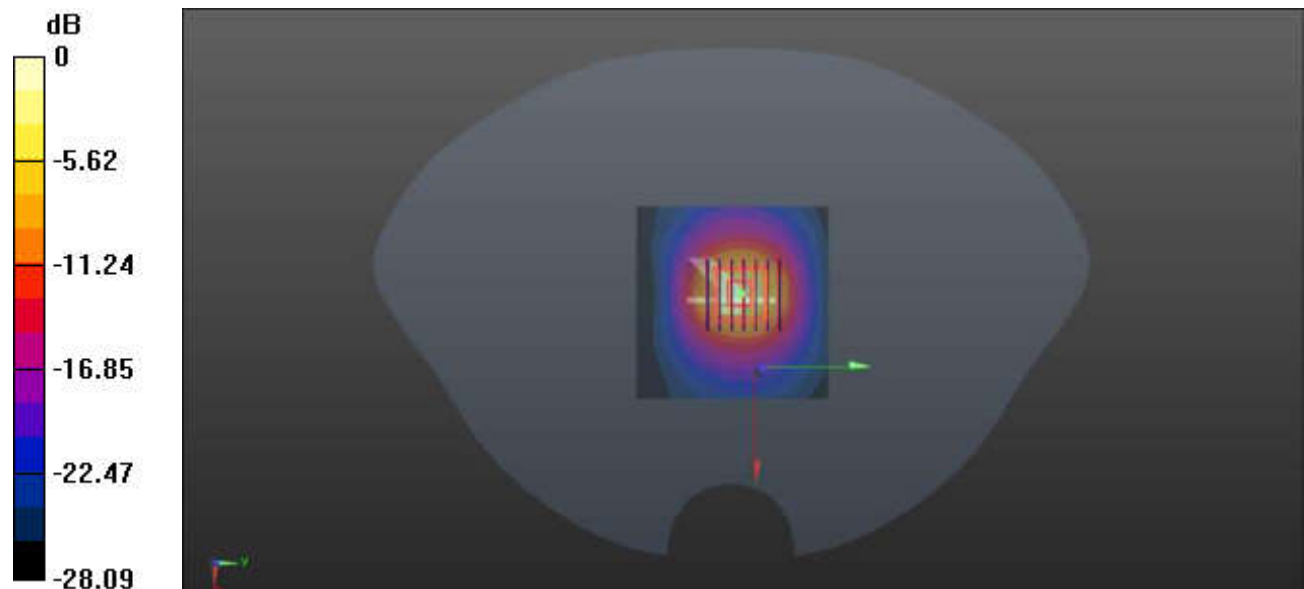
CW 3500/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 47.94 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 20.3 W/kg

SAR(1 g) = 6.75 W/kg; SAR(10 g) = 2.46 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg

System Performance Check Data (3500MHz)

Date: 2023.09.16

Communication System Band: D3500 (3500.0 MHz); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.873$ S/m; $\epsilon_r = 38.207$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3500/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.18 W/kg

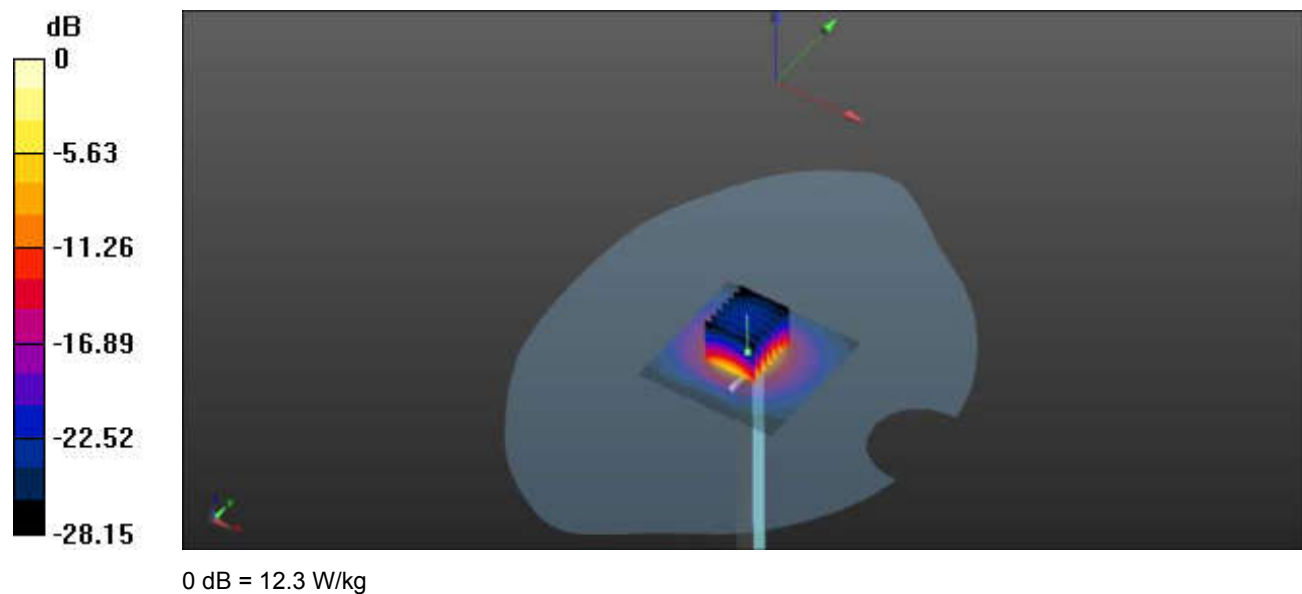
CW 3500/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 46.83 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 6.83 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 12.3 W/kg



System Performance Check Data (3500MHz)

Date: 2023.09.17

Communication System Band: D3500 (3500.0 MHz); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.87$ S/m; $\epsilon_r = 38.381$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3500/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.21 W/kg

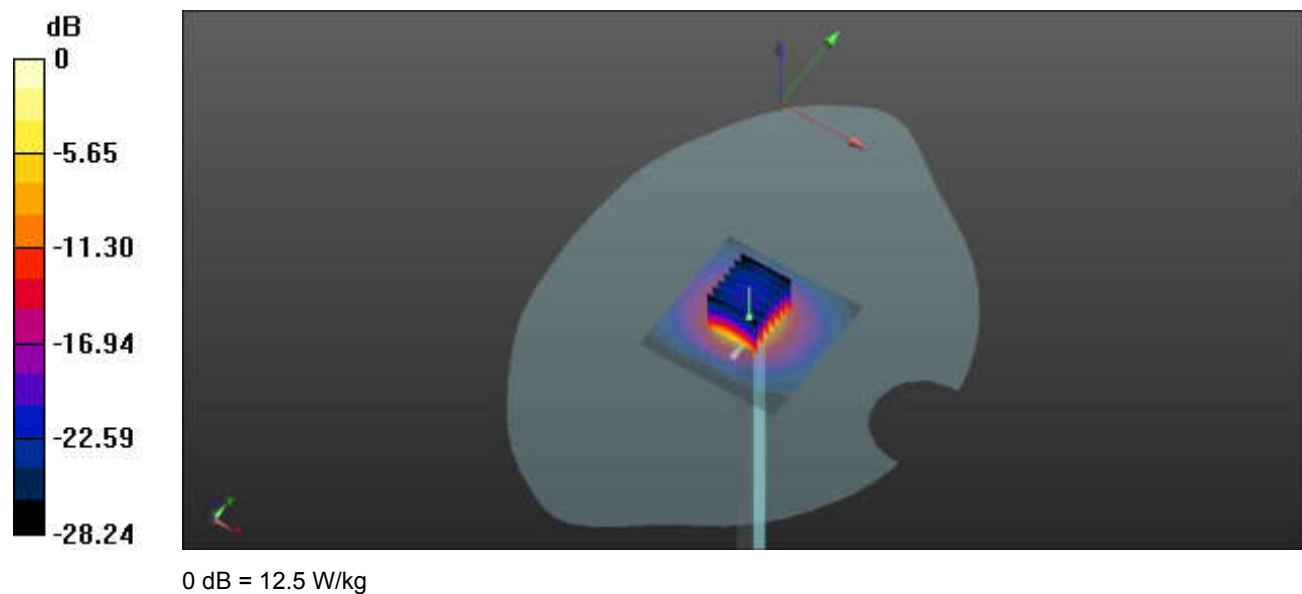
CW 3500/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 46.91 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 6.85 W/kg; SAR(10 g) = 2.51 W/kg

Maximum value of SAR (measured) = 12.5 W/kg



System Performance Check Data (3700MHz)

Date: 2023.09.18

Communication System Band: D3700 (3700.0 MHz); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.125$ S/m; $\epsilon_r = 37.558$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.57, 6.87, 6.75); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3700/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.51 W/kg

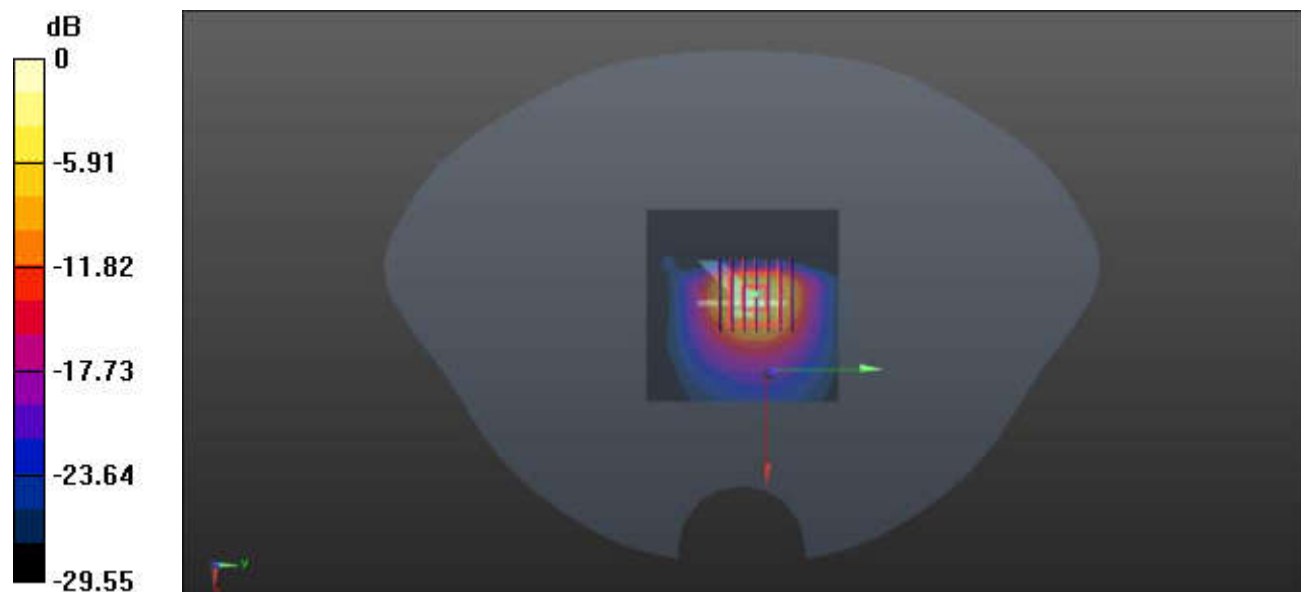
CW 3700/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 43.02 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 23.3 W/kg

SAR(1 g) = 6.78 W/kg; SAR(10 g) = 2.39 W/kg

Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg

System Performance Check Data (3700MHz)

Date: 2023.09.19

Communication System Band: D3700 (3700.0 MHz); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.123$ S/m; $\epsilon_r = 37.637$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.57, 6.87, 6.75); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3700/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.51 W/kg

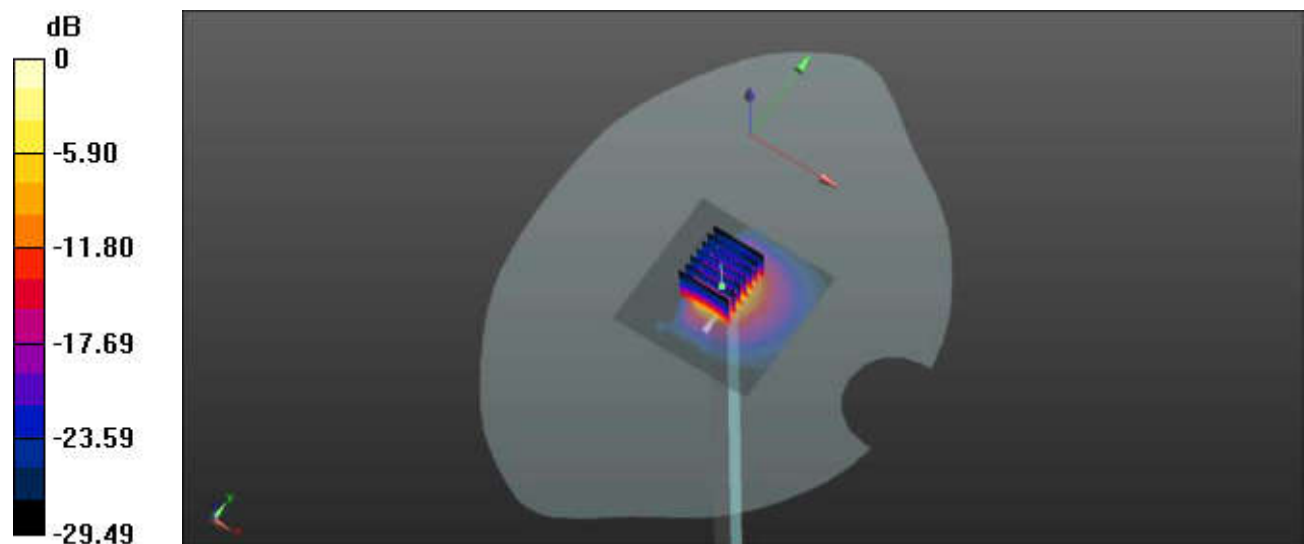
CW 3700/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 43.02 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 23.3 W/kg

SAR(1 g) = 6.73 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 12.7 W/kg

System Performance Check Data (3900MHz)

Date: 2023.09.20

Communication System Band: D3900 (3900.0 MHz); Frequency: 3900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3900$ MHz; $\sigma = 3.331$ S/m; $\epsilon_r = 37.521$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.45, 6.76, 6.63); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3900/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.33 W/kg

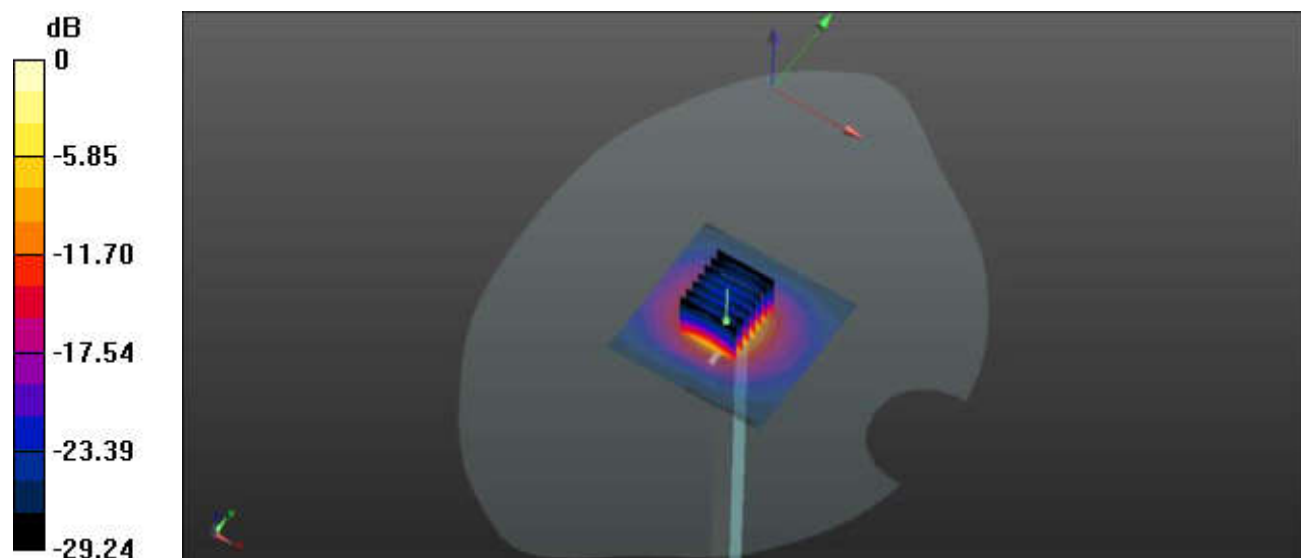
CW 3900/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 46.89 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 24.5 W/kg

SAR(1 g) = 7.01 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg

System Performance Check Data (5250MHz)

Date: 2023.09.10

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.702$ S/m; $\epsilon_r = 35.911$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.41, 5.73, 5.58); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5250/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.39 W/kg

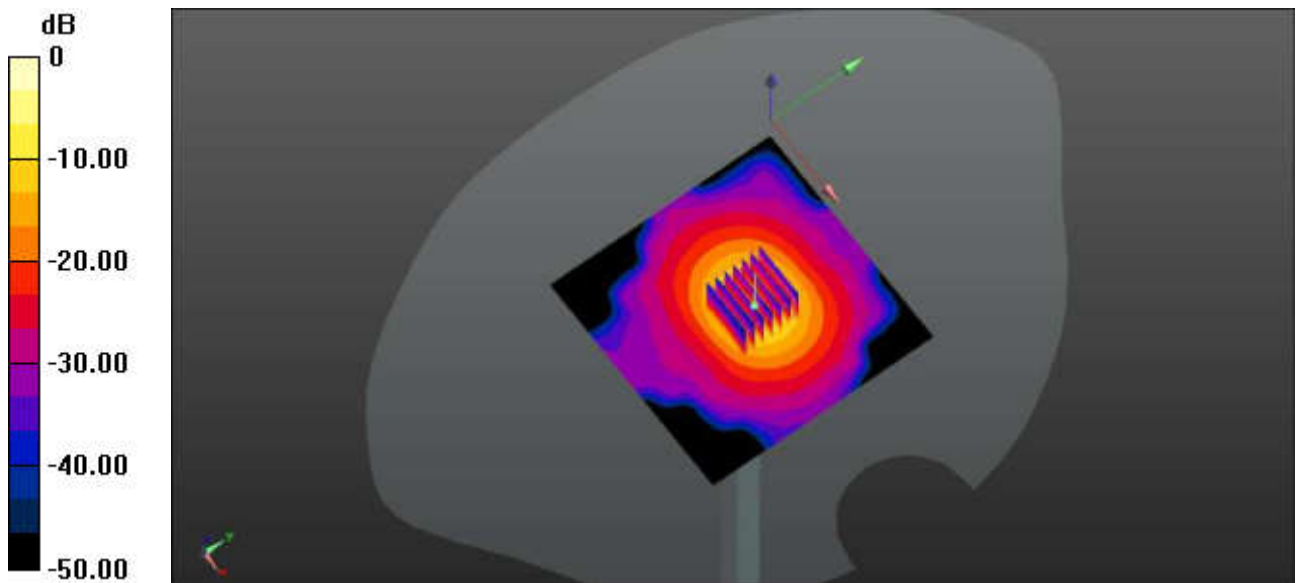
CW 5250/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 37.06 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.28 W/kg

Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg

System Performance Check Data (5600MHz)

Date: 2023.09.10

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.049$ S/m; $\epsilon_r = 35.358$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.58, 4.95, 4.75); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.36 W/kg

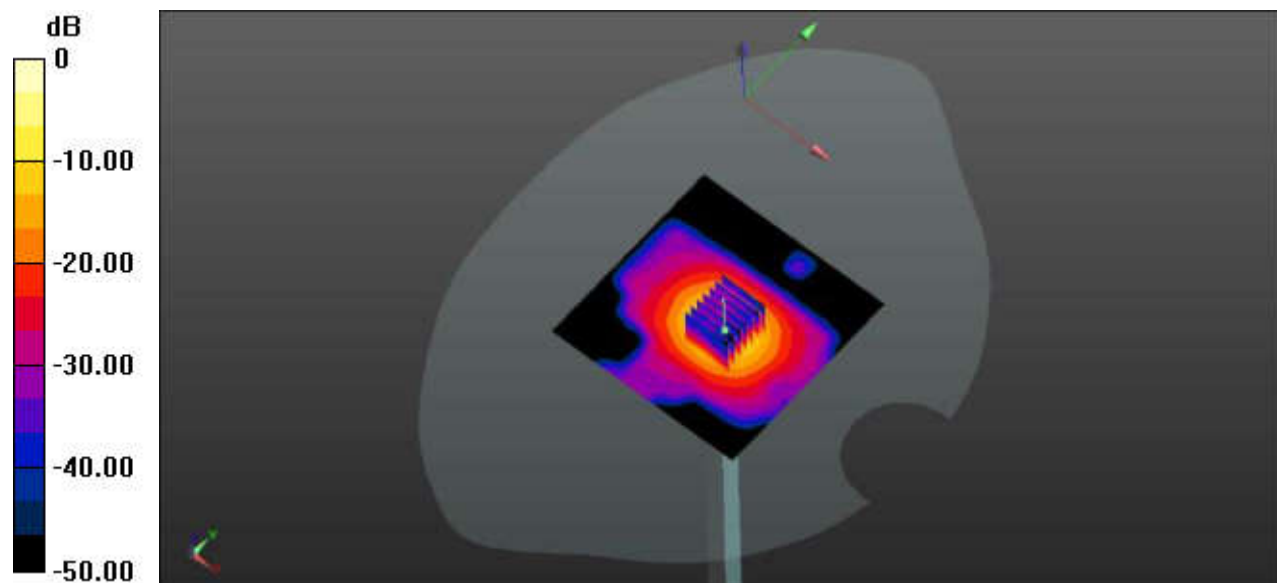
CW 5600/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 34.67 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 38.53 W/kg

SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg

System Performance Check Data (5750MHz)

Date: 2023.09.11

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5750$ MHz; $\sigma = 5.172$ S/m; $\epsilon_r = 35.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.78, 5.08, 4.93); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5750/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.92 W/kg

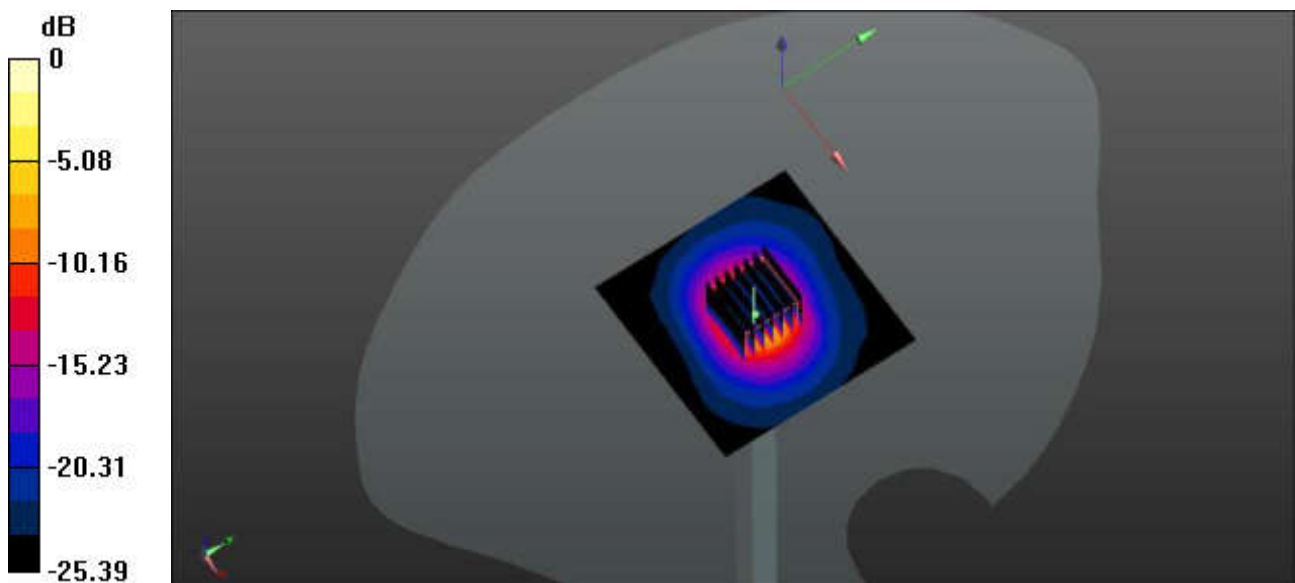
CW 5750/Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.19 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg

System Performance Check Data (1750MHz)

Date: 2023.08.25

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1750$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.33 W/kg

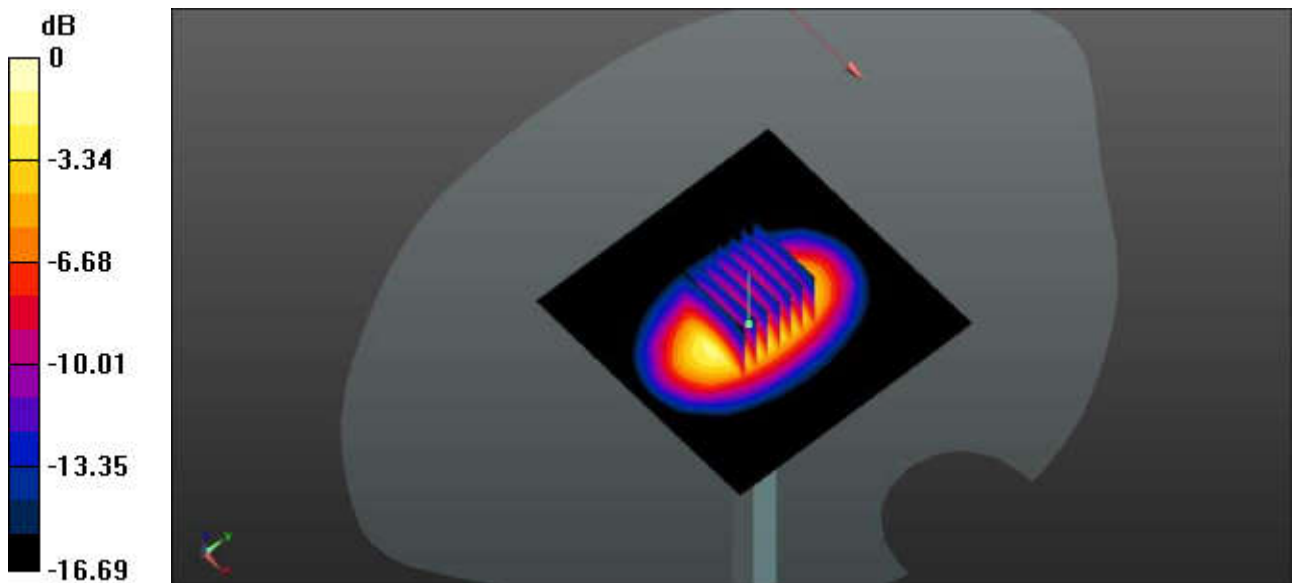
CW 1750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.71 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 7.02 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.94 W/kg

Maximum value of SAR (measured) = 4.28 W/kg



System Performance Check Data (2600MHz)

Date: 2023.08.31

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.19 W/kg

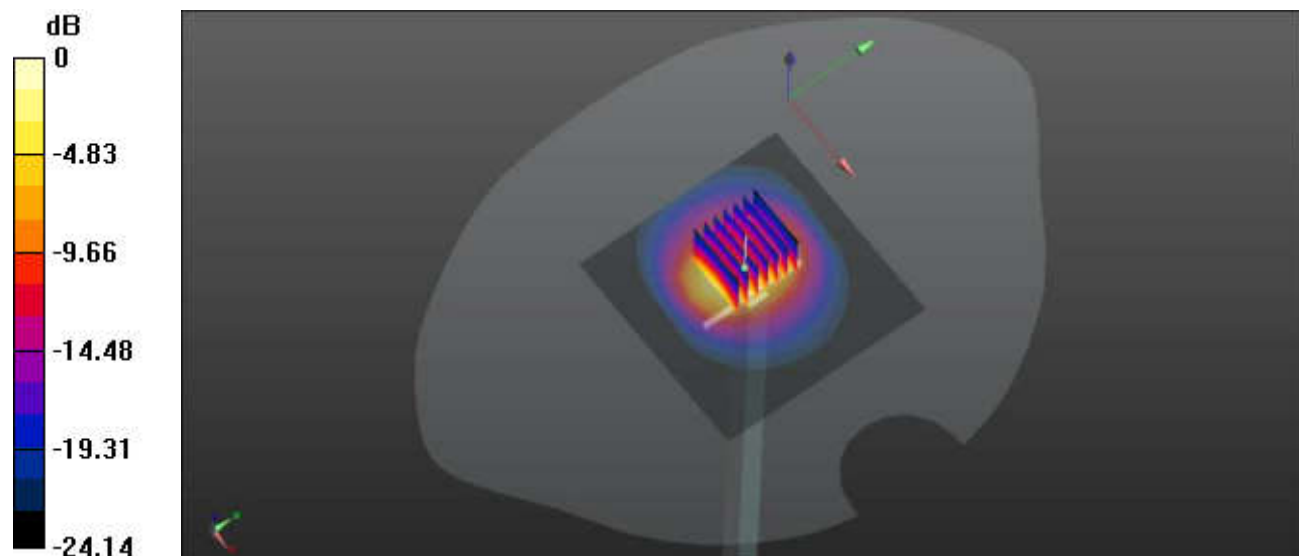
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 40.20 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 6.27 W/kg



0 dB = 6.27 W/kg

System Performance Check Data (2600MHz)

Date: 2023.09.12

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 38.398$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.73 W/kg

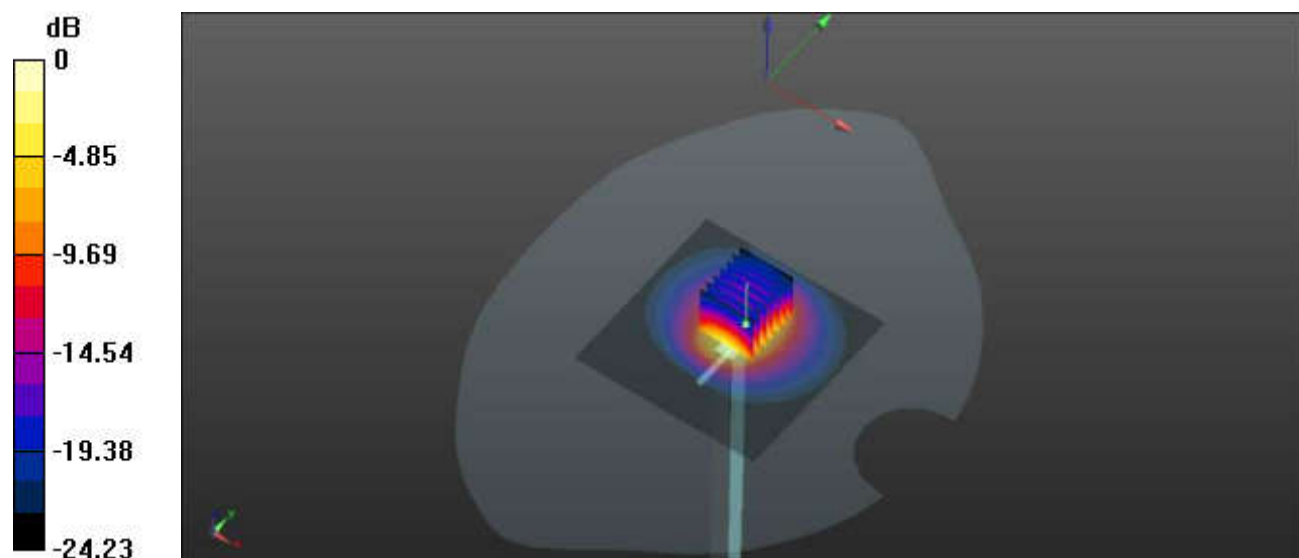
CW 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.39 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.6 W/kg

SAR(1 g) = 5.85 W/kg; SAR(10 g) = 2.55 W/kg

Maximum value of SAR (measured) = 6.68 W/kg



0 dB = 6.68 W/kg

ANNEX C TEST DATA

Meas.1 Right Head with Cheek on Middle Channel in GPRS850 2slots mode with Antenna 4

Date: 2023.08.20

Communication System Band: GPRS850; Frequency: 836.6 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.685$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch190/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.666 W/kg

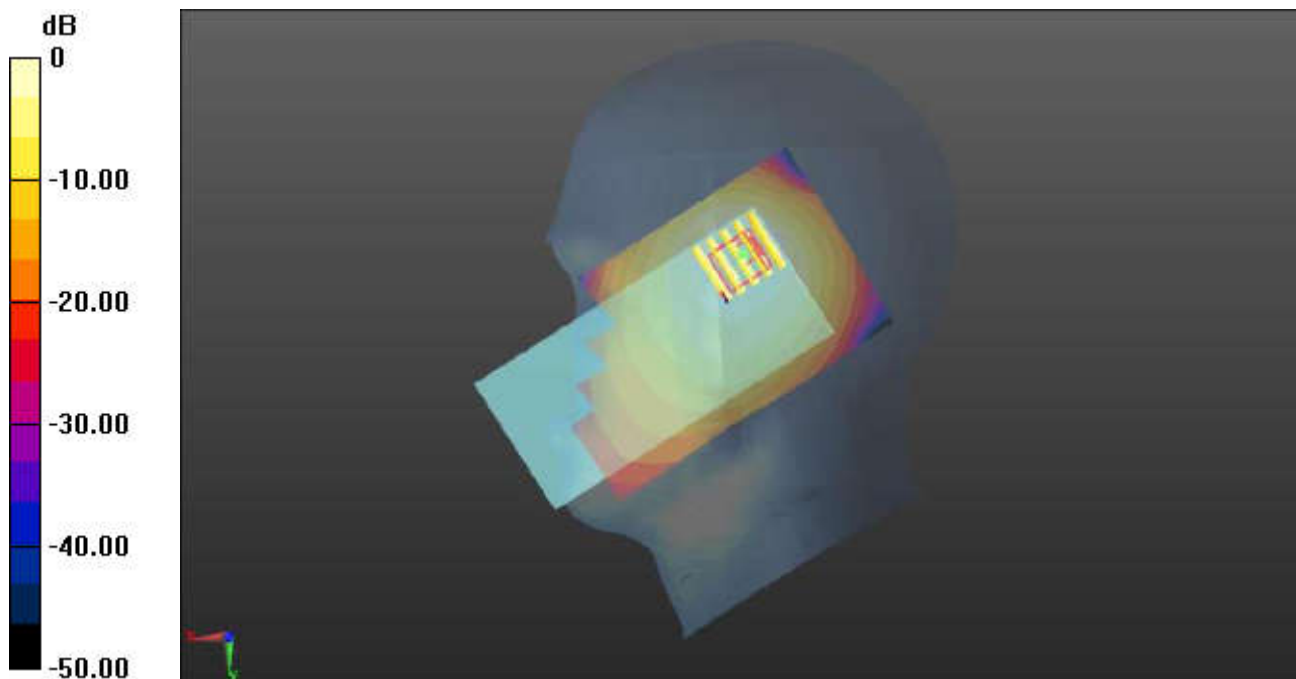
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.41 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.612 W/kg

Meas.2 Body Plane with Back Side 10mm on Middle Channel in GPRS850 2slots mode with Antenna 1

Date: 2023.08.20

Communication System Band: GPRS850; Frequency: 836.6 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.685$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch190/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.338 W/kg

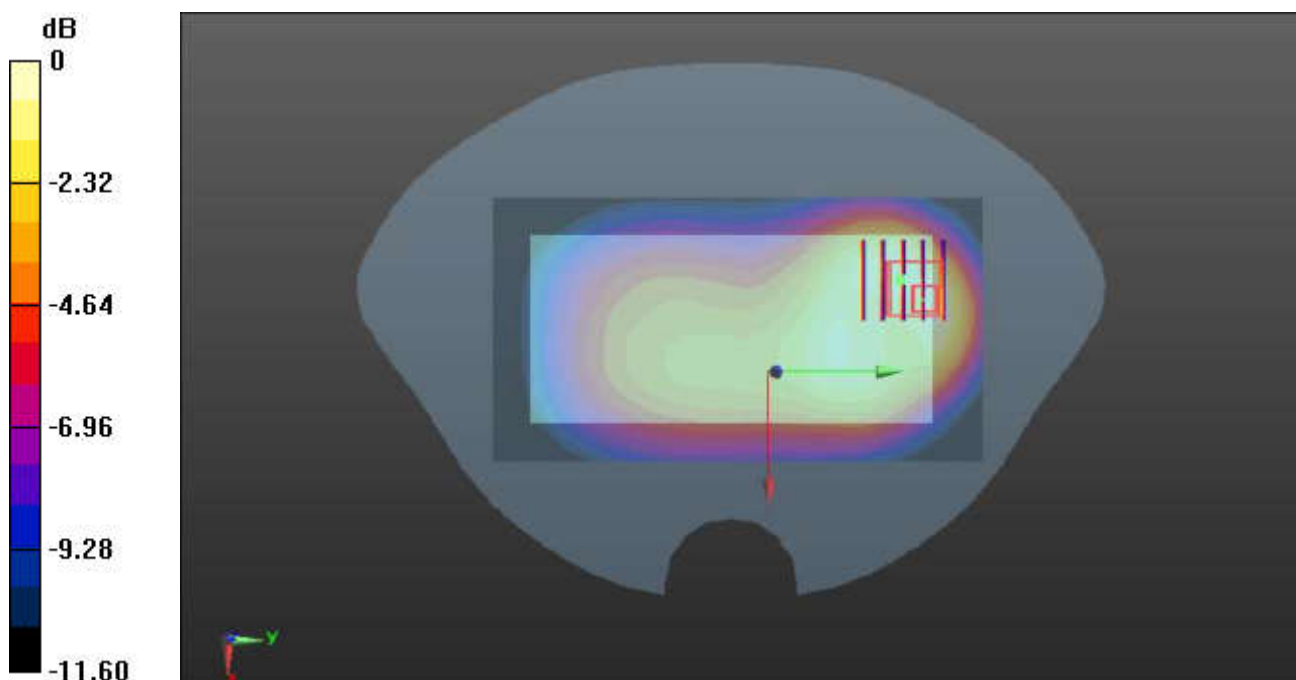
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.62 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg

Meas.3 Right Head with Tilt on Low Channel in GPRS1900 2slots mode with Antenna 4

Date: 2023.09.06

Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 40.448$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.656 W/kg

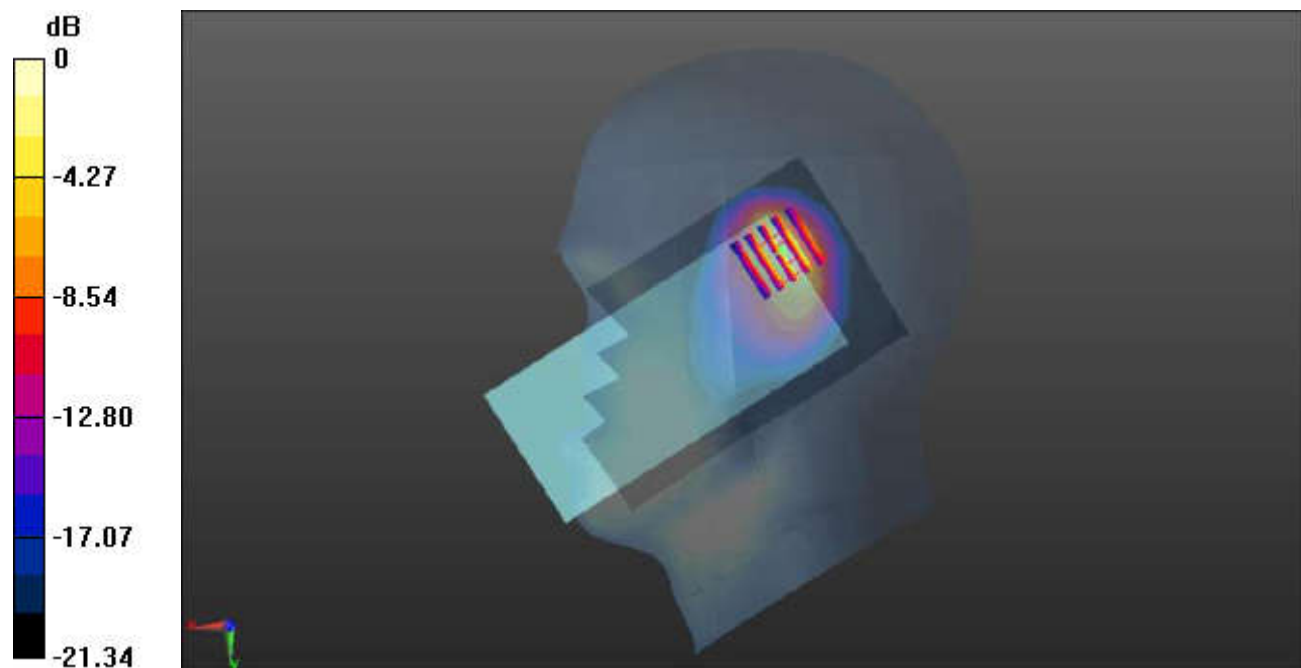
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.83 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.629 W/kg

Meas.4 Body Plane with Bottom Edge 10mm on Low Channel in GPRS1900 2slots mode with Antenna 1

Date: 2023.09.06

Communication System Band: GPRS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 40.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (51x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.418 W/kg

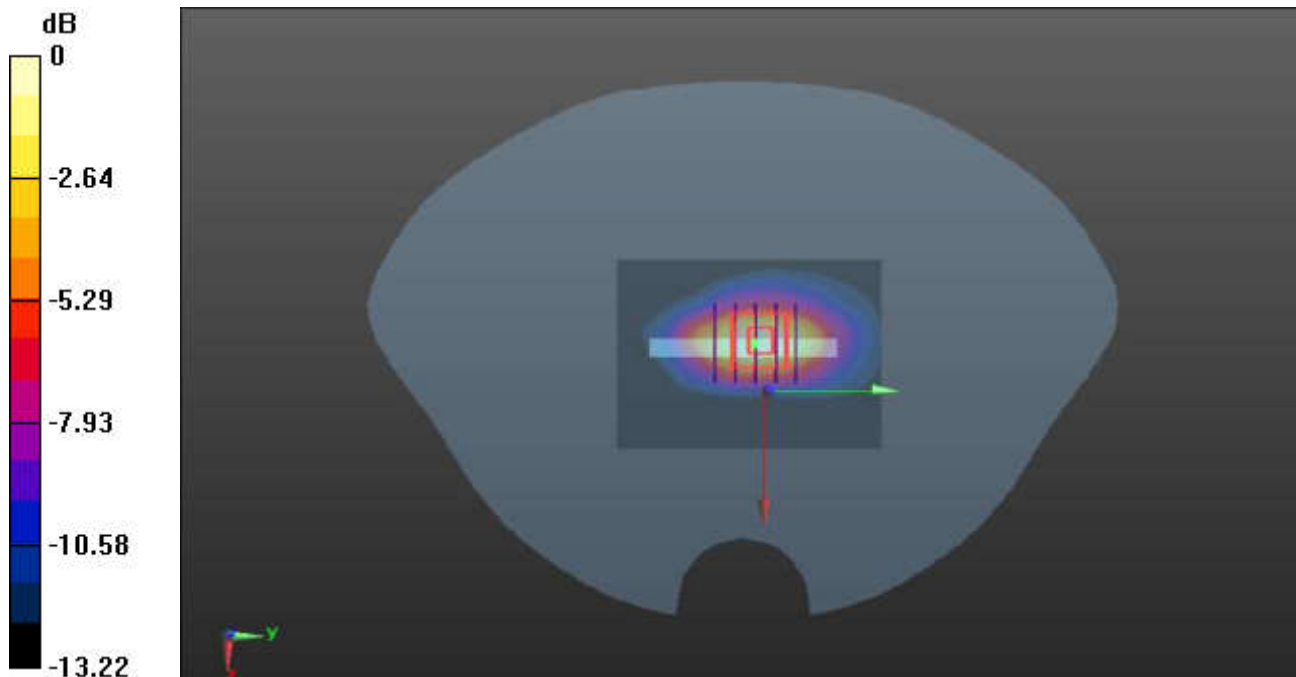
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.28 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg

Meas.5 Right Head with Tilt on High Channel in WCDMA Band2 mode with Antenna 4

Date: 2023.09.07

Communication System Band: Band 2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 39.91$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.732 W/kg

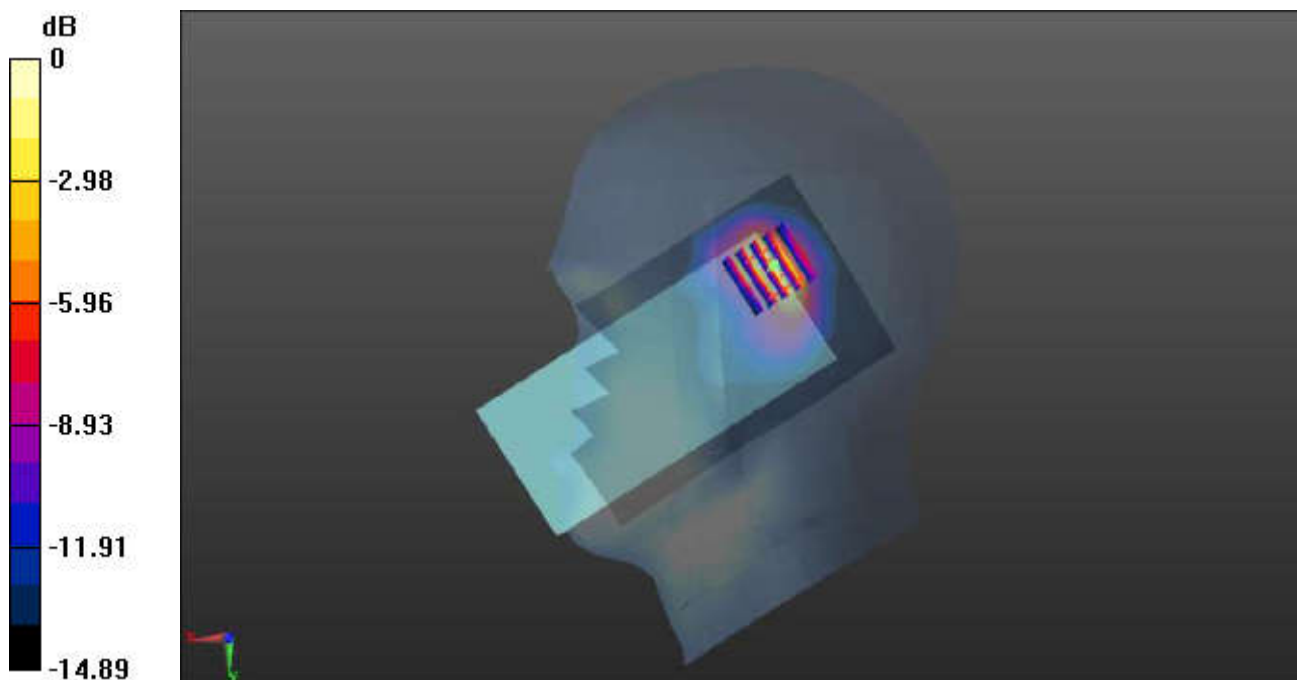
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.61 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg

Meas.6 Body Plane with Bottom Edge 10mm on Middle Channel in WCDMA Band2 mode with Antenna 1

Date: 2023.09.07

Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (51x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.594 W/kg

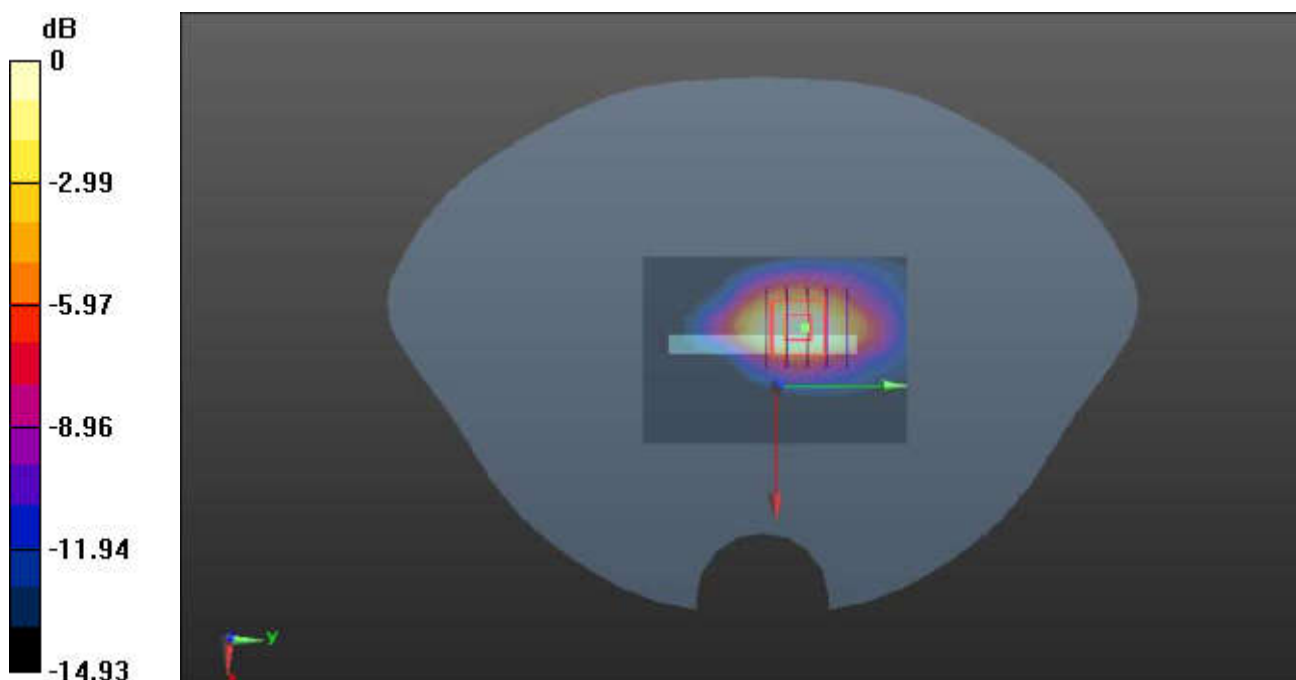
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.94 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.522 W/kg



0 dB = 0.522 W/kg

Meas.7 Body Plane with Top Edge 0mm on Middle Channel in WCDMA Band2 mode with Antenna4

Date: 2023.09.07

Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.85 W/kg

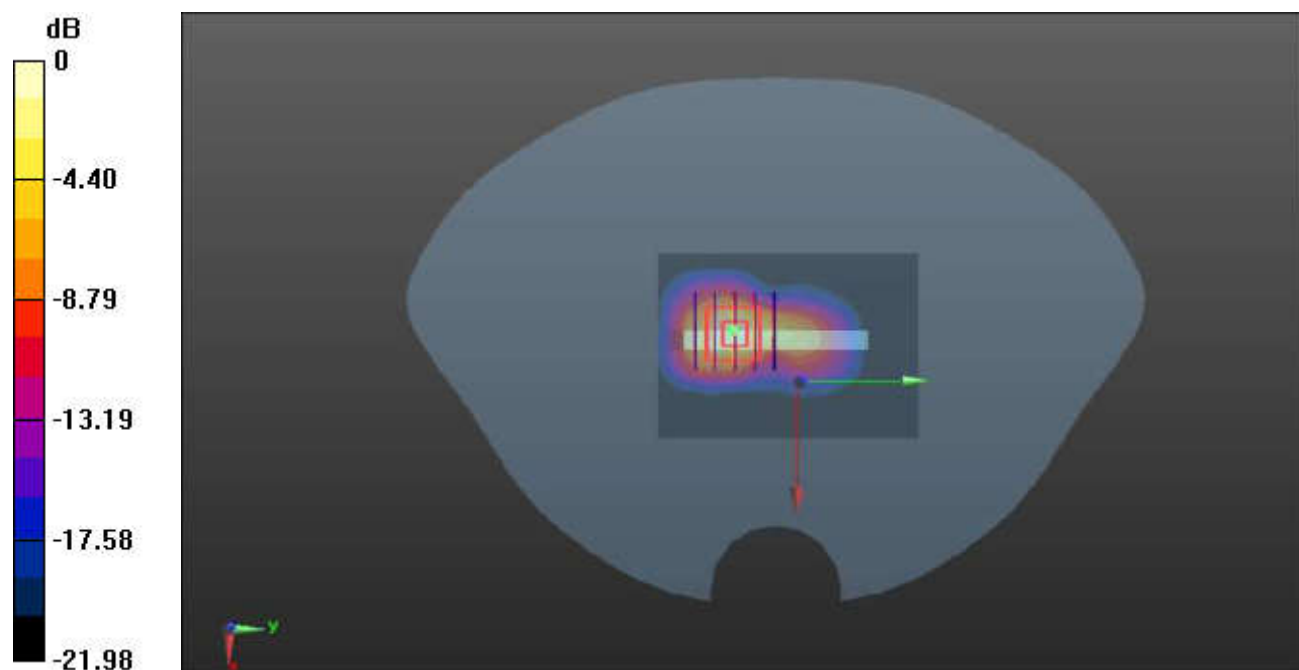
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.18 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.71 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 0.930 W/kg

Maximum value of SAR (measured) = 2.89 W/kg



0 dB = 2.89 W/kg

Meas.8 Right Head with Tilt on Low Channel in WCDMA Band4 mode with Antenna 4

Date: 2023.08.25

Communication System Band: Band 4; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.641$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.870 W/kg

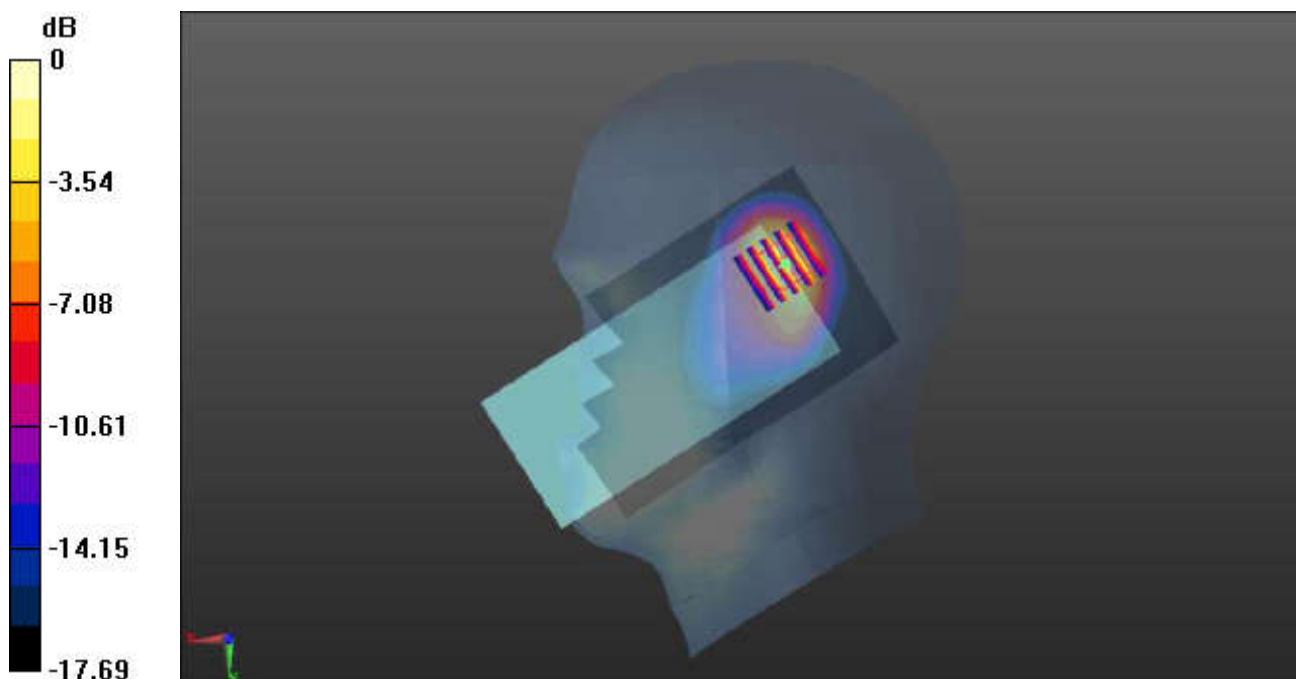
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.47 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg

Meas.9 Body Plane with Bottom Edge 10mm on Low Channel in WCDMA Band4 mode with Antenna 1

Date: 2023.08.25

Communication System Band: Band 4; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

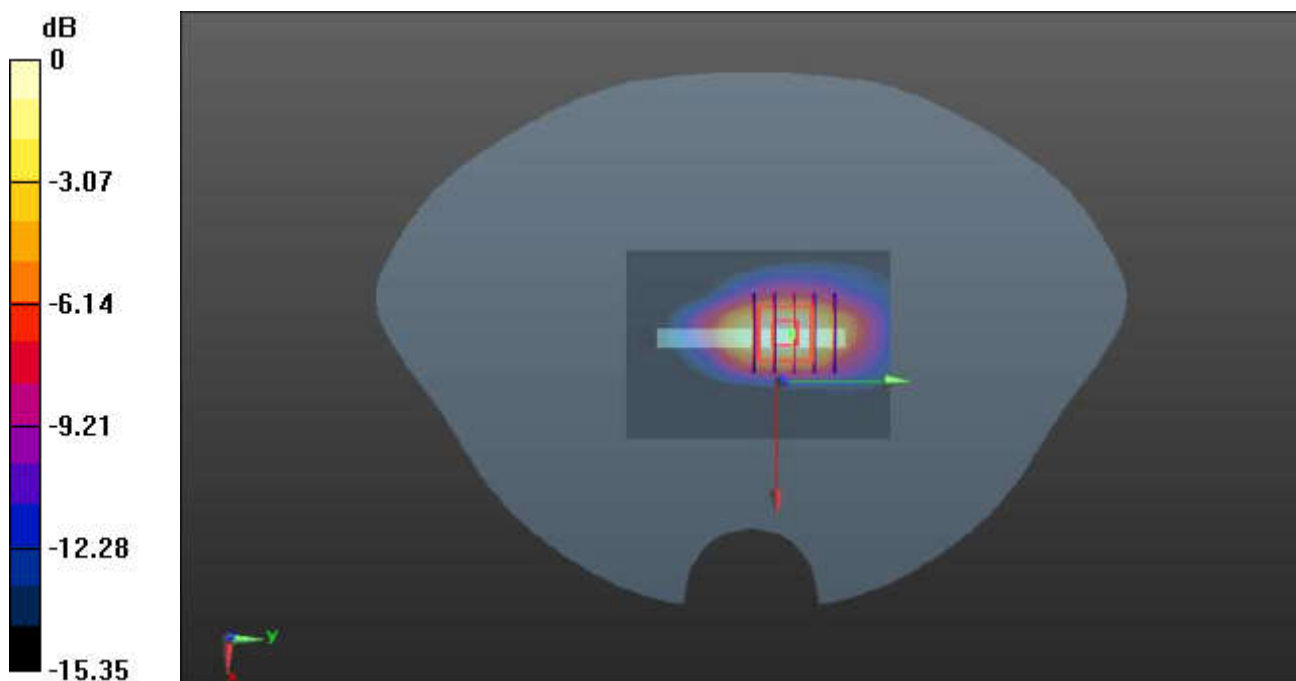
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.74 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg

Meas.10 Body Plane with Top Edge 0mm on High Channel in WCDMA Band4 mode with Antenna4

Date: 2023.08.25

Communication System Band: Band 4; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 40.07$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.19 W/kg

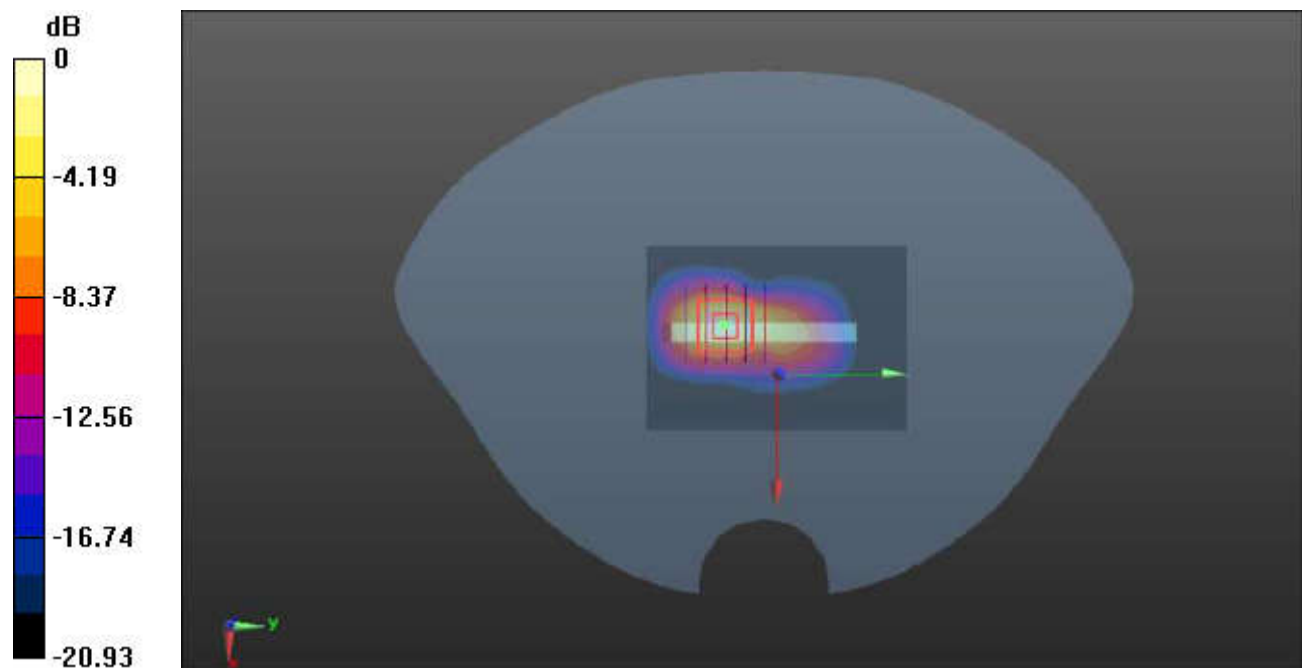
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.95 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.94 W/kg

SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 3.21 W/kg



0 dB = 3.21 W/kg

Meas.11 Right Head with Cheek on Middle Channel in WCDMA Band5 mode with Antenna 4

Date: 2023.08.21

Communication System Band: Band 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 41.833$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.755 W/kg

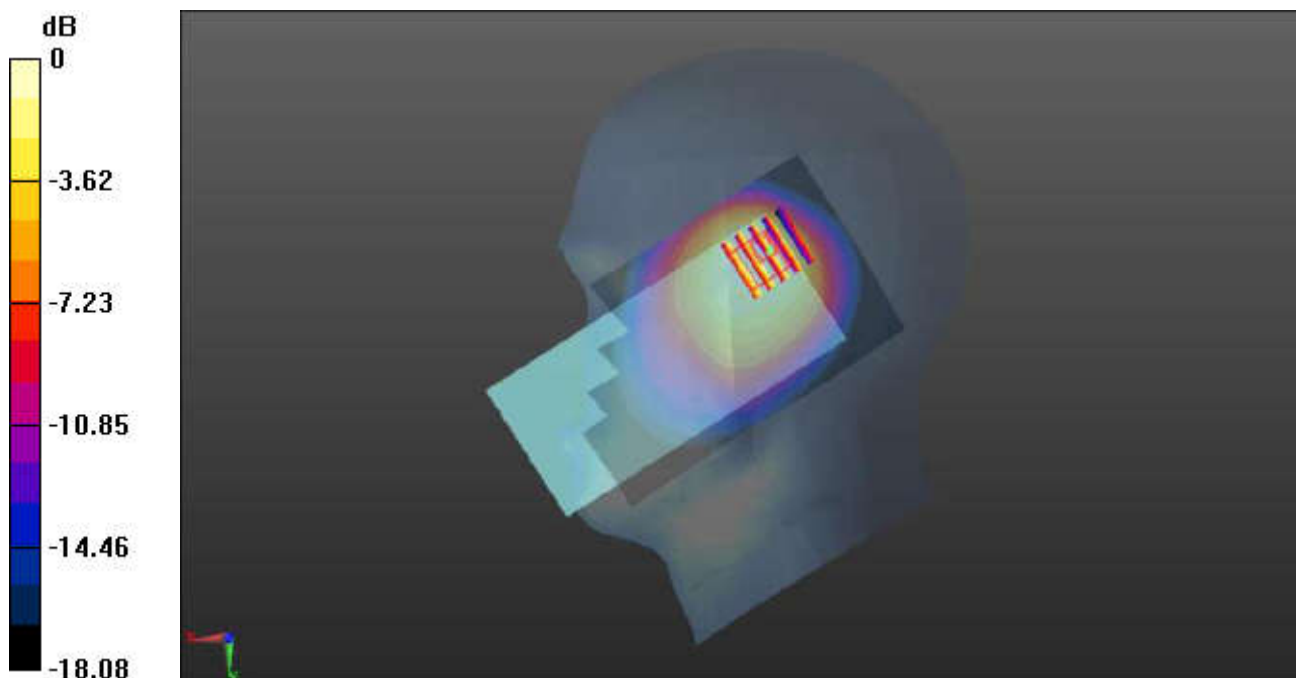
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.680 W/kg

Meas.12 Body Plane with Back Side 10mm on Middle Channel in WCDMA Band5 mode with Antenna 1

Date: 2023.08.21

Communication System Band: Band 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 41.833$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.409 W/kg

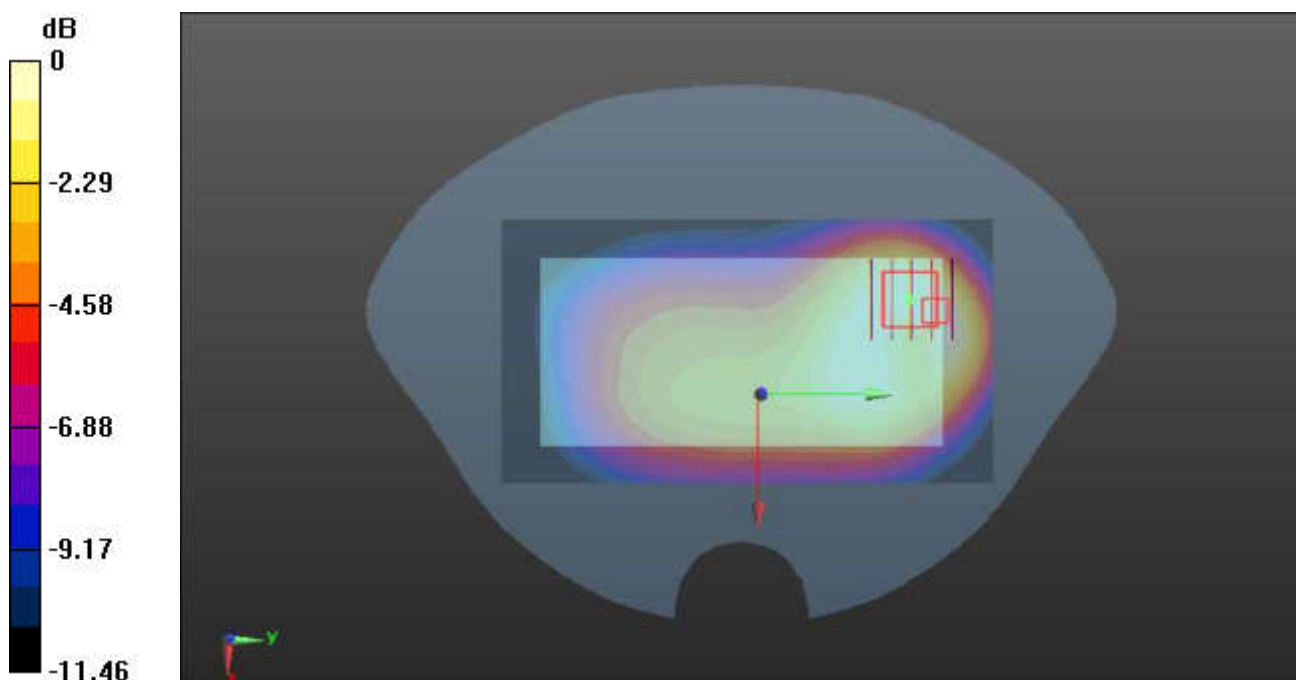
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.33 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg

Meas.13 Right Head with Tilt on High Channel LTE Band2 with Antenna 4

Date: 2023.08.29

Communication System Band: Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 39.773$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.898 W/kg

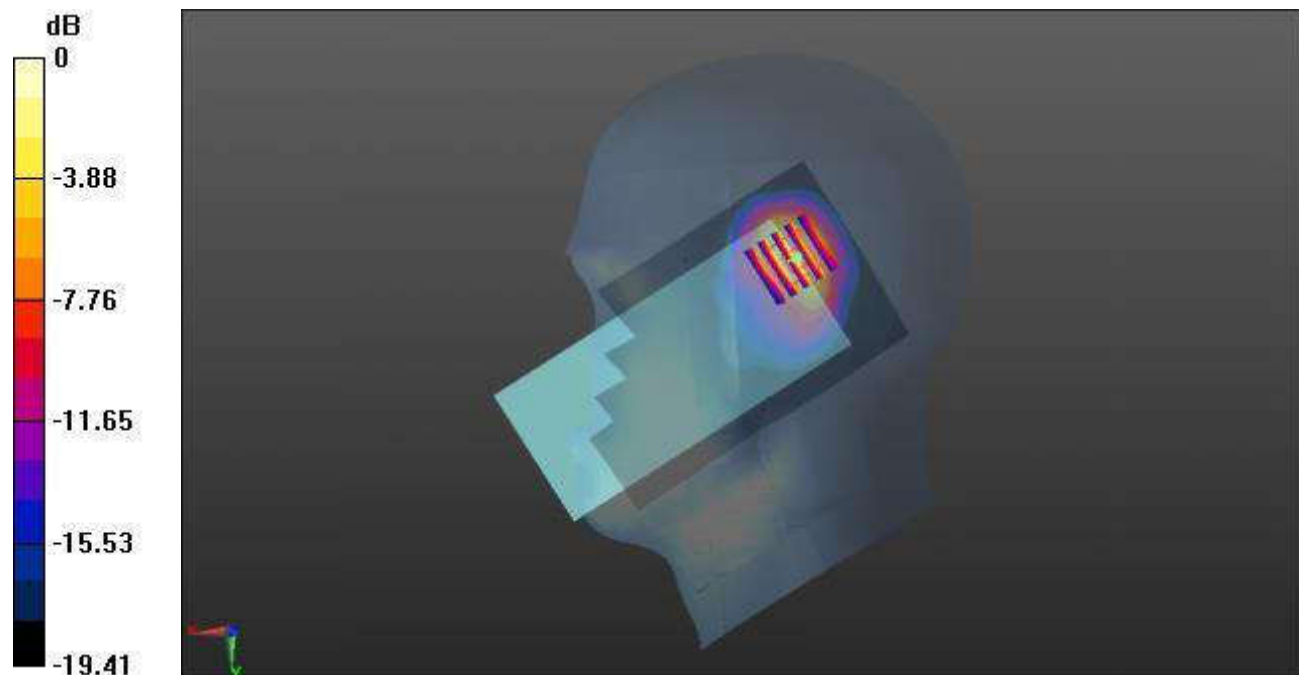
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.00 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 0.800 W/kg



0 dB = 0.800 W/kg

Meas.14 Body Plane with Left Edge 10mm on Middle Channel in LTE Band2 mode with Antenna2

Date: 2023.08.29

Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.037$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

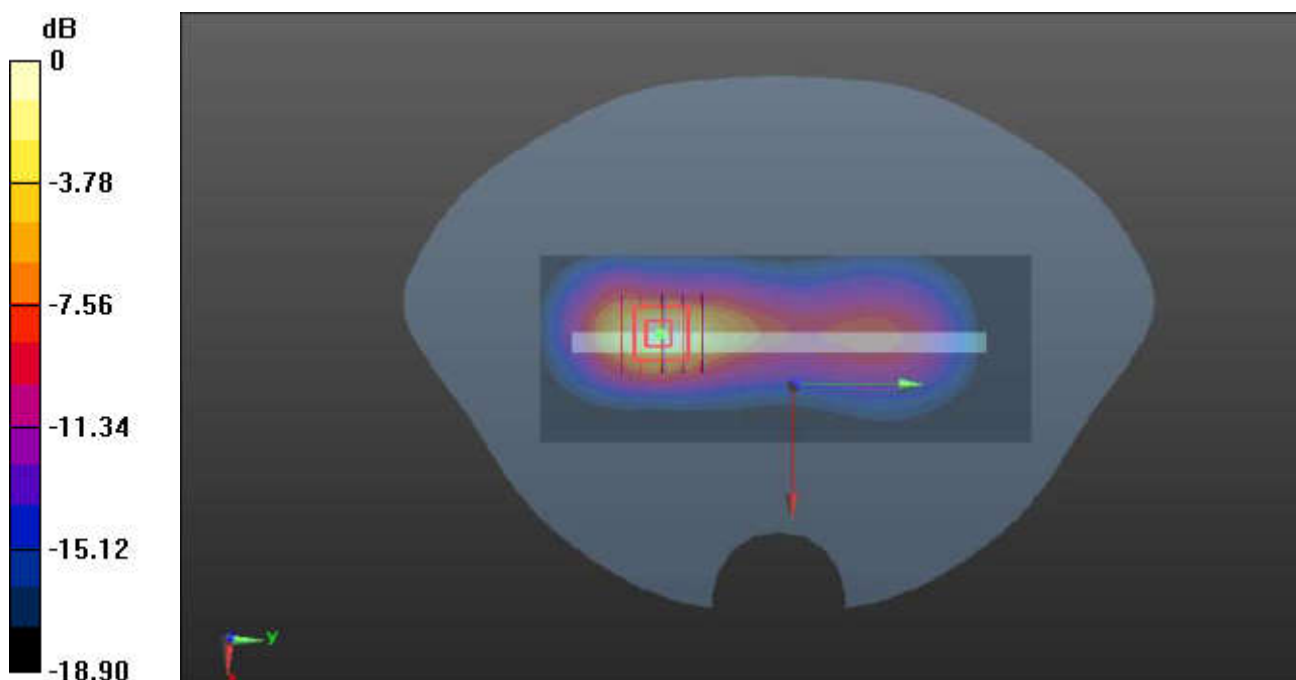
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.373 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.583 W/kg



0 dB = 0.583 W/kg

Meas.15 Body Plane with Left Edge 0mm on Middle Channel in LTE Band2 mode with Antenna2

Date: 2023.08.29

Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.037$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.98, 8.26, 8.14); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.77 W/kg

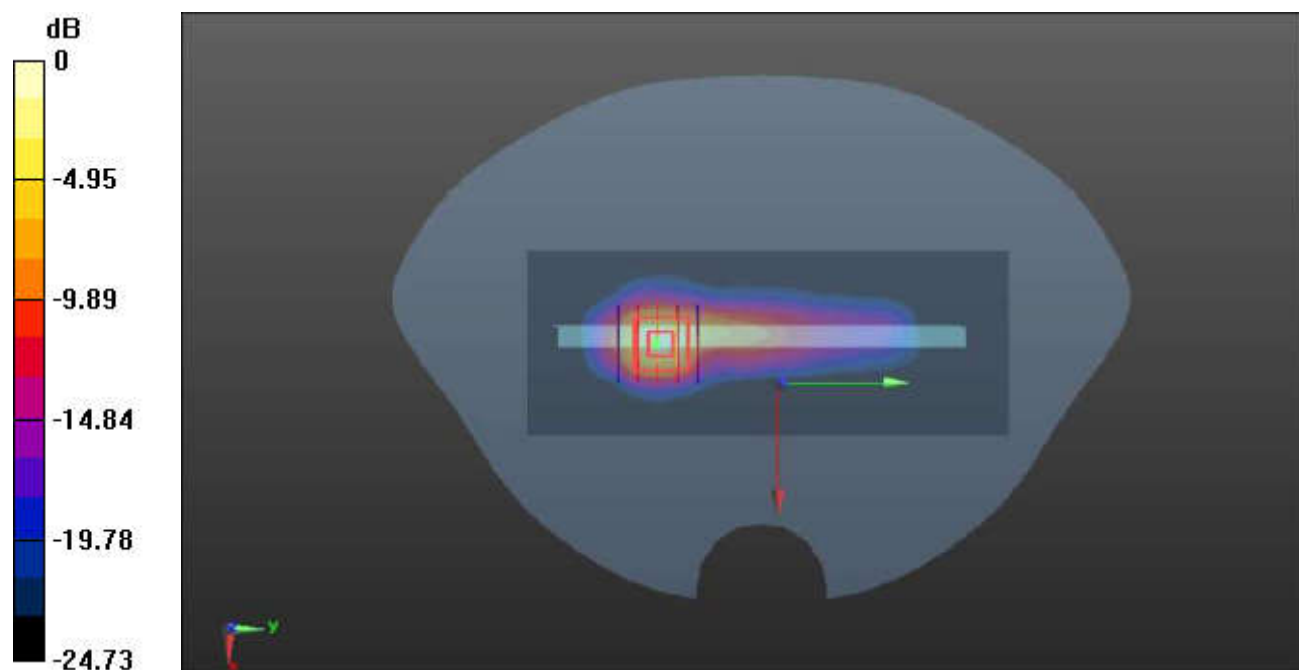
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.82 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 4.56 W/kg; SAR(10 g) = 1.77 W/kg

Maximum value of SAR (measured) = 5.84 W/kg



0 dB = 5.84 W/kg

Meas.16 Right Head with Tilt on Low Channel in LTE Band4 mode with Antenna 4

Date: 2023.08.27

Communication System Band: Band 4; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 40.667$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20050/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.880 W/kg

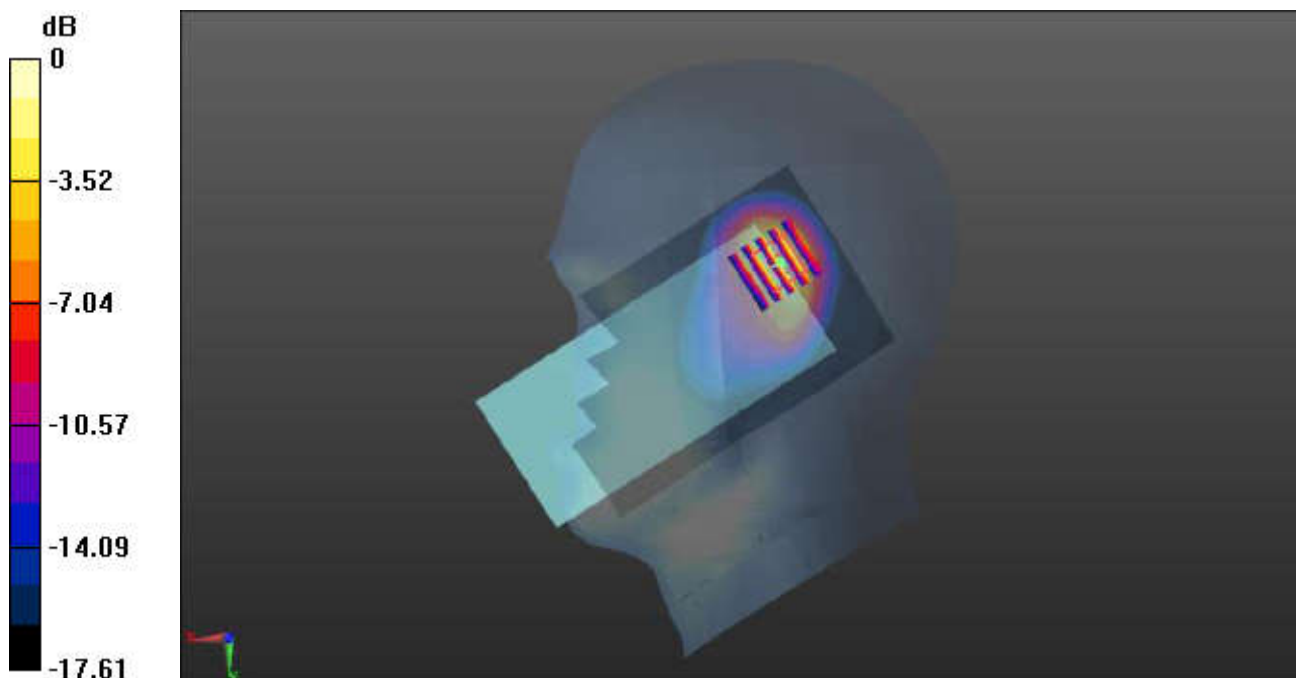
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.32 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.786 W/kg



0 dB = 0.786 W/kg

Meas.17 Body Plane with Bottom Edge 10mm on Low Channel in LTE Band4 mode with Antenna 1

Date: 2023.08.27

Communication System Band: Band 4; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 40.667$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20050/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.825 W/kg

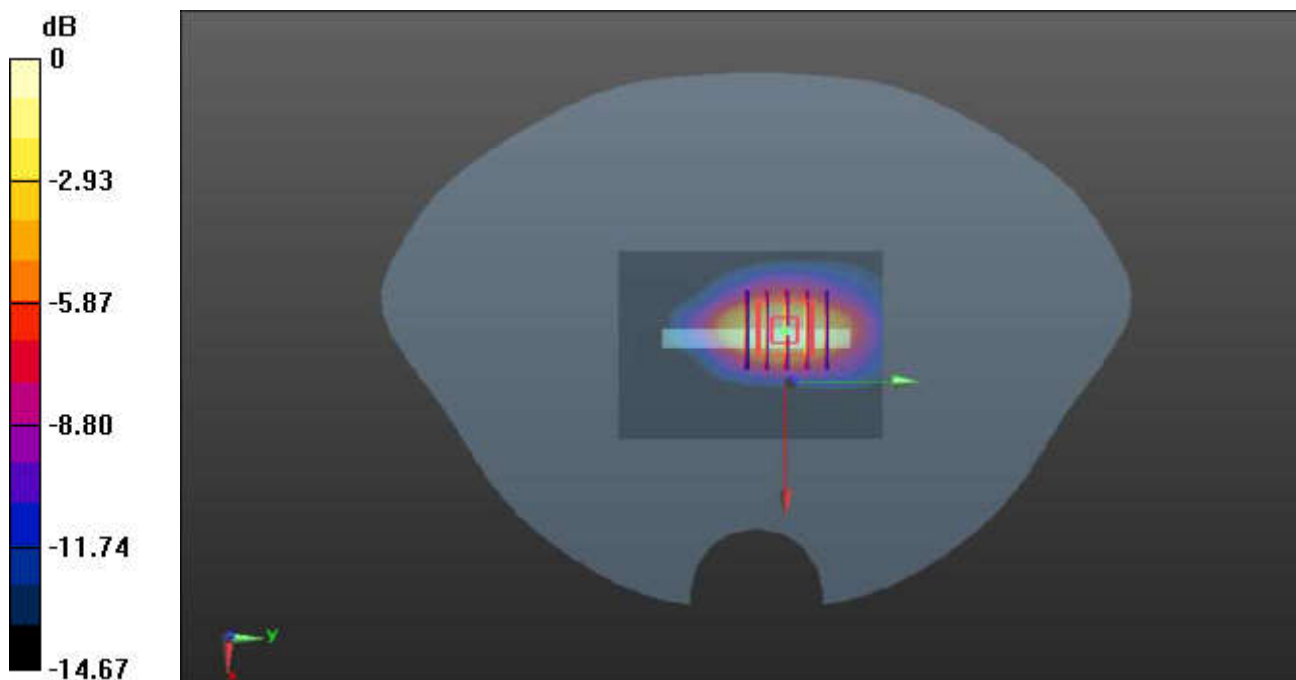
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.27 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.744 W/kg

Meas.18 Body Plane with Top Edge 0mm on High Channel in LTE Band4 mode with Antenna4

Date: 2023.08.27

Communication System Band: Band 4; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.343$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.89 W/kg

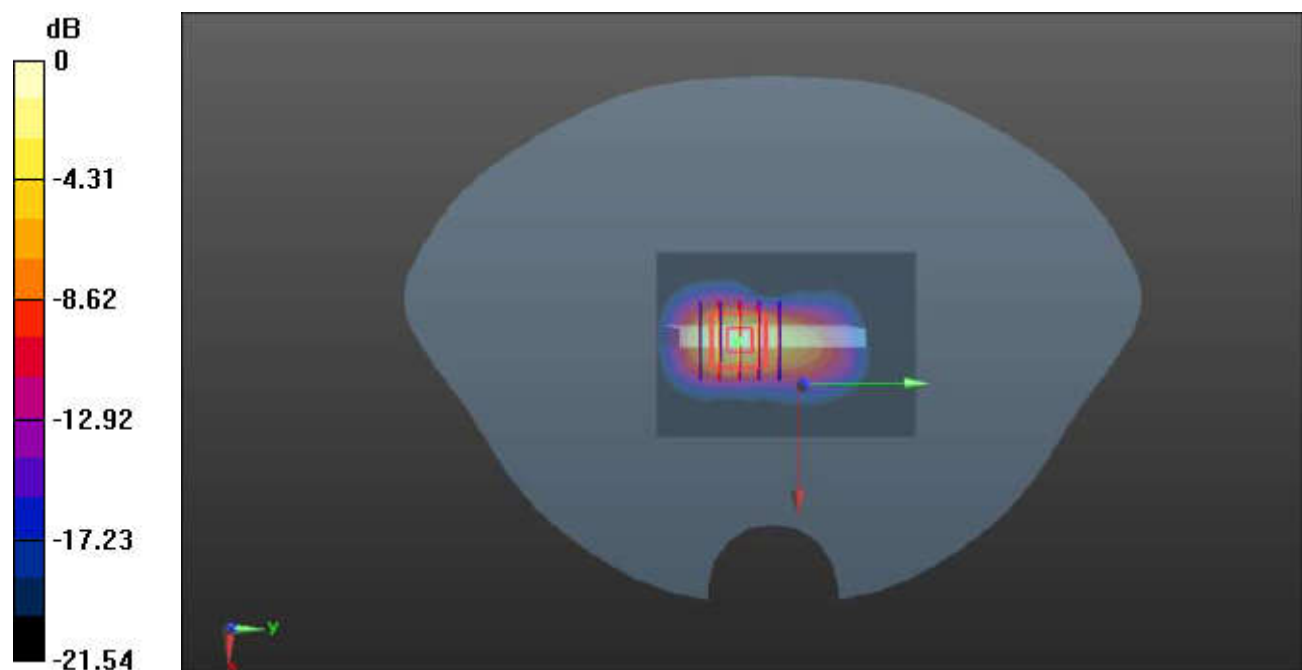
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.29 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 1.68 W/kg; SAR(10 g) = 0.686 W/kg

Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg

Meas.19 Right Head with Cheek on High Channel in LTE Band5 mode with Antenna 4

Date: 2023.08.22

Communication System Band: Band 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.566$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.694 W/kg

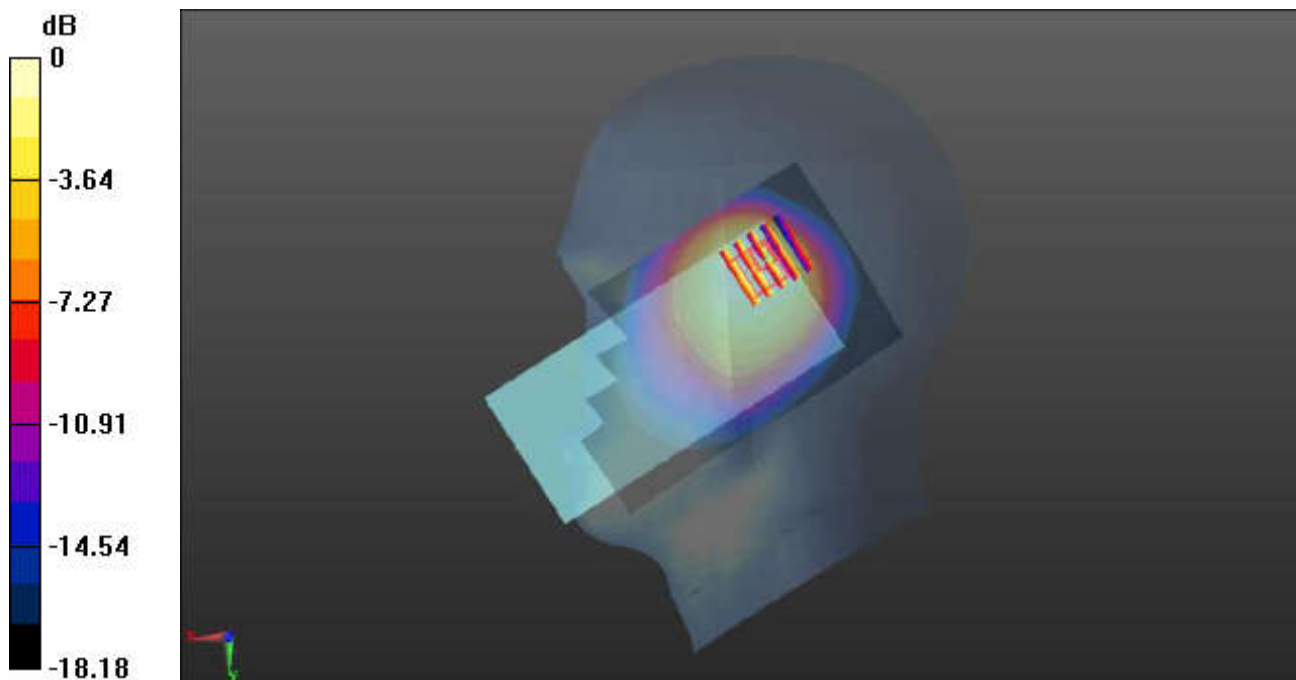
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.69 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.648 W/kg

Meas.20 Body Plane with Back Side 10mm on High Channel in LTE Band5 mode with Antenna 1

Date: 2023.08.22

Communication System Band: Band 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.566$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.407 W/kg

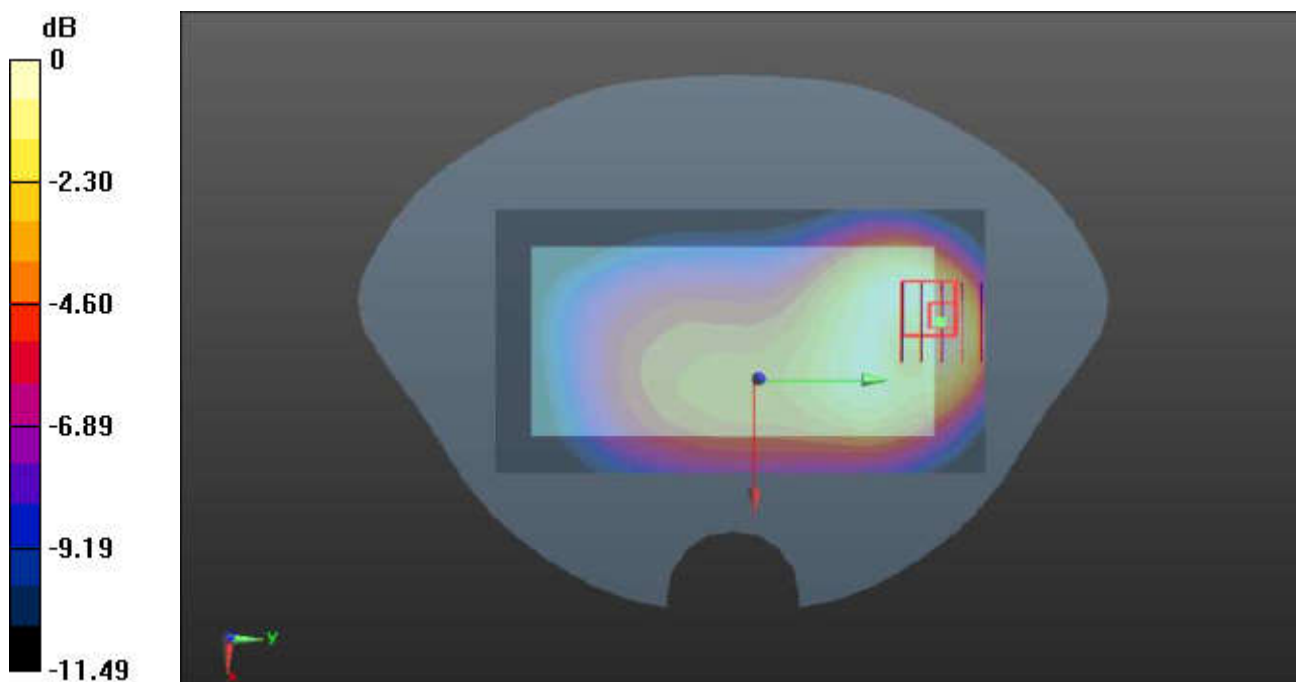
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.58 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg

Meas.21 Right Head with Tilt on Low Channel in LTE Band7 mode with Antenna 4

Date: 2023.09.08

Communication System Band: Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.873$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.635 W/kg

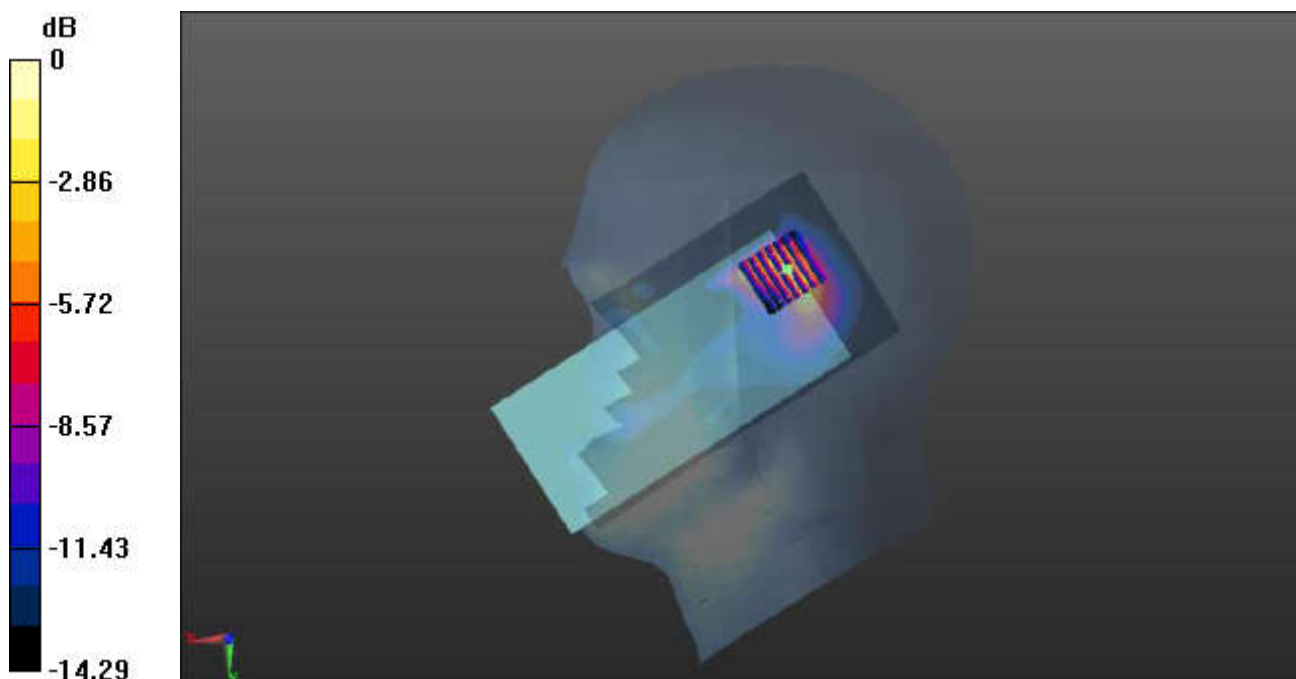
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.16 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.633 W/kg

Meas.22 Body Plane with Left Edge 10mm on Low Channel in LTE Band7 mode with Antenna2

Date: 2023.09.08

Communication System Band: Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.873$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

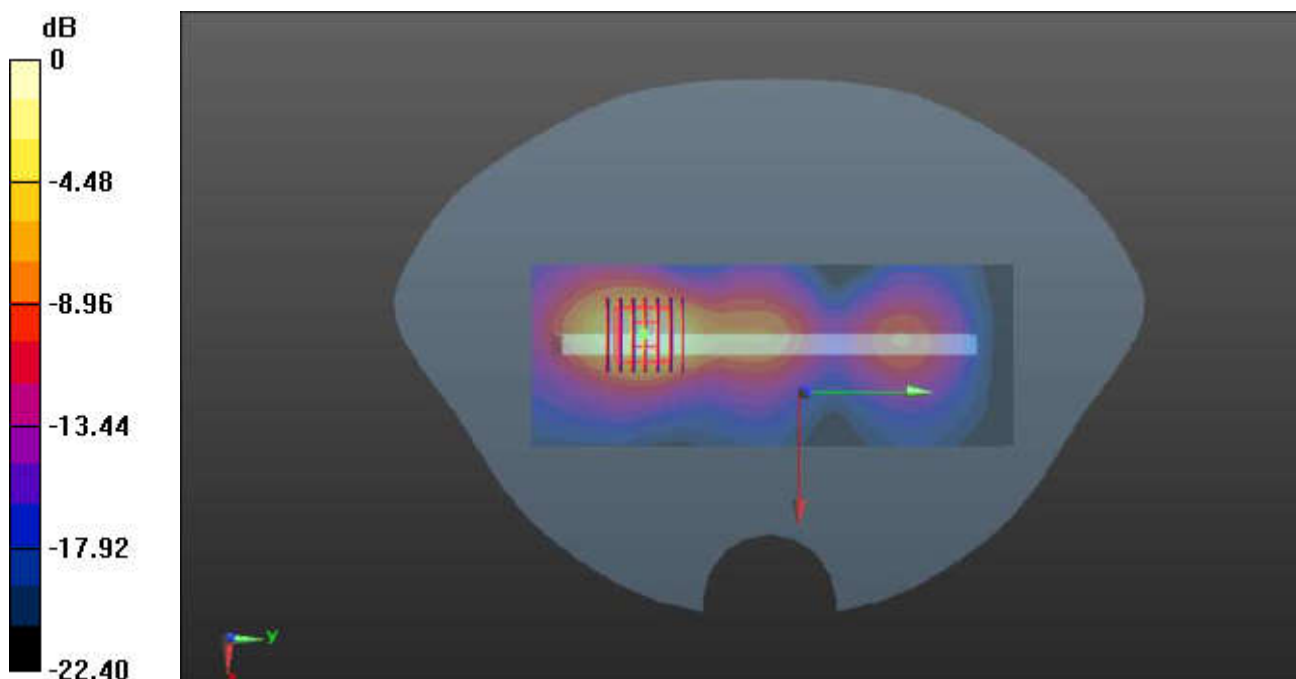
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.081 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg

Meas.23 Body Plane with Bottom Edge 0mm on Low Channel in LTE Band7 mode with Antenna 1

Date: 2023.09.08

Communication System Band: Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.873$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.43 W/kg

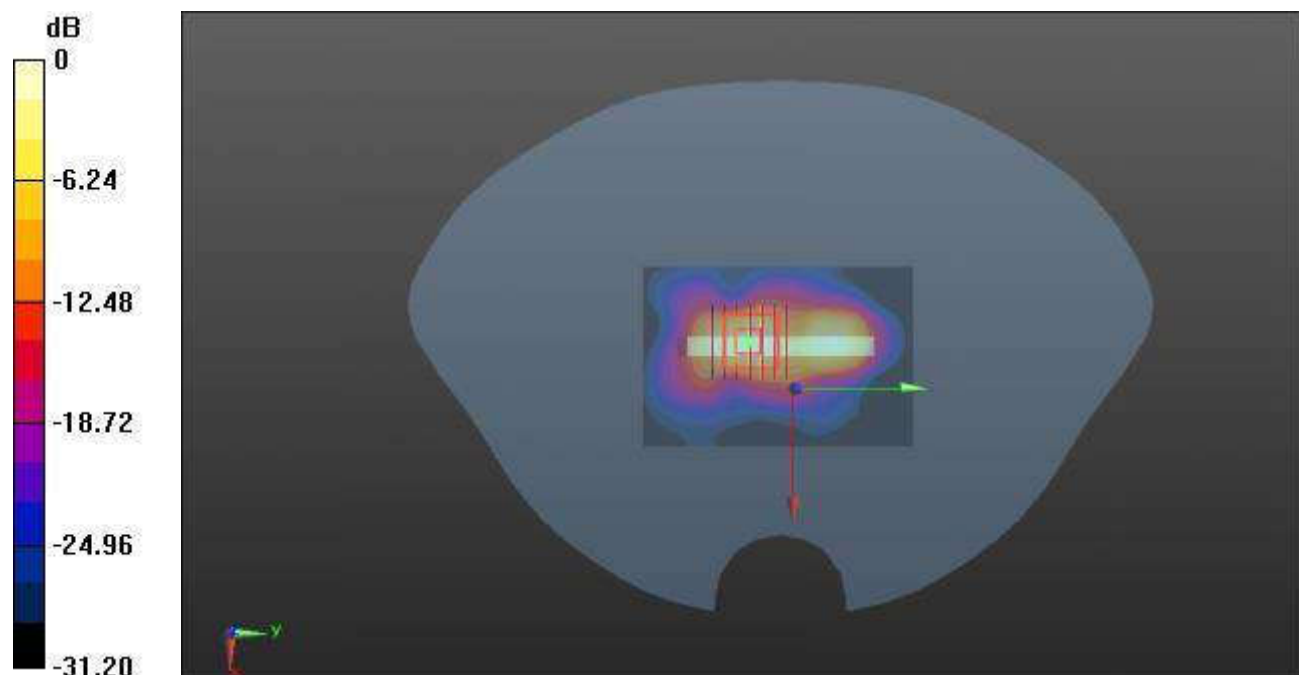
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.70 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 4.2 W/kg; SAR(10 g) = 1.49 W/kg

Maximum value of SAR (measured) = 5.28 W/kg



0 dB = 5.28 W/kg

Meas.24 Right Head with Cheek on Low Channel in LTE Band12 mode with Antenna 4

Date: 2023.08.17

Communication System Band: Band 12; Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 42.492$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

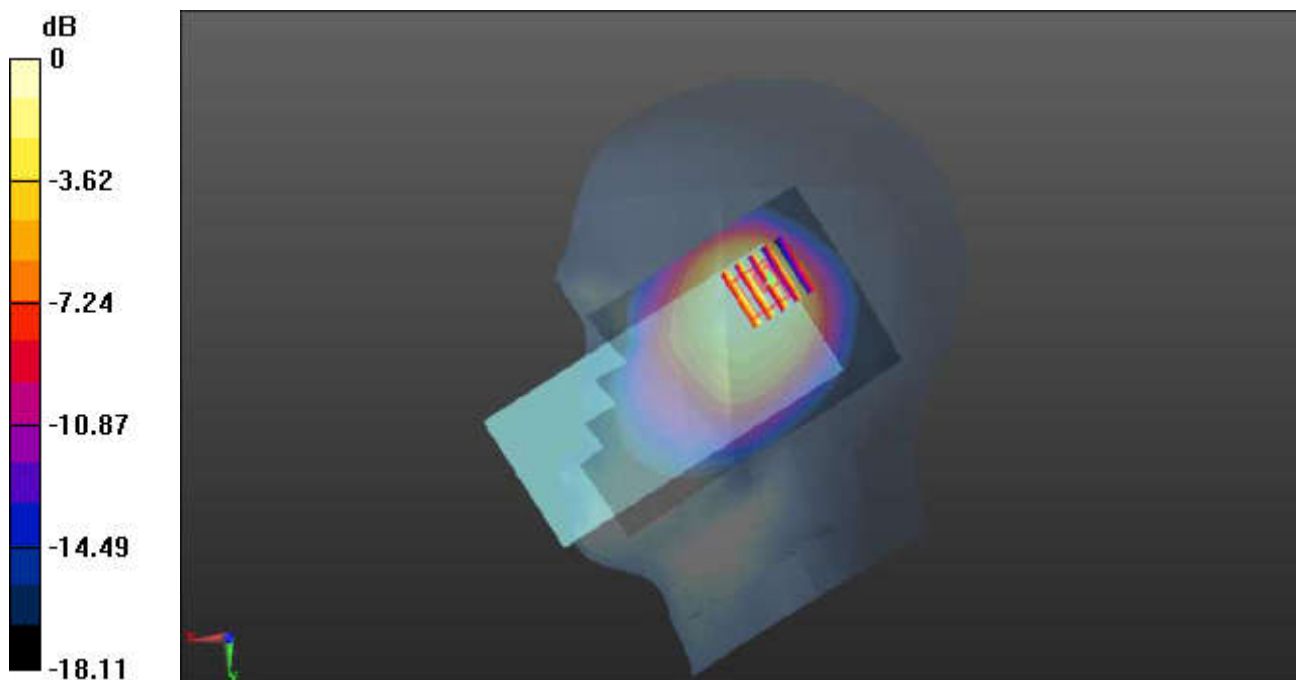
Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.38 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg

Meas.25 Body Plane with Back Side 10mm on Low Channel in LTE Band12 mode with Antenna 1

Date: 2023.08.17

Communication System Band: Band 12; Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 42.492$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

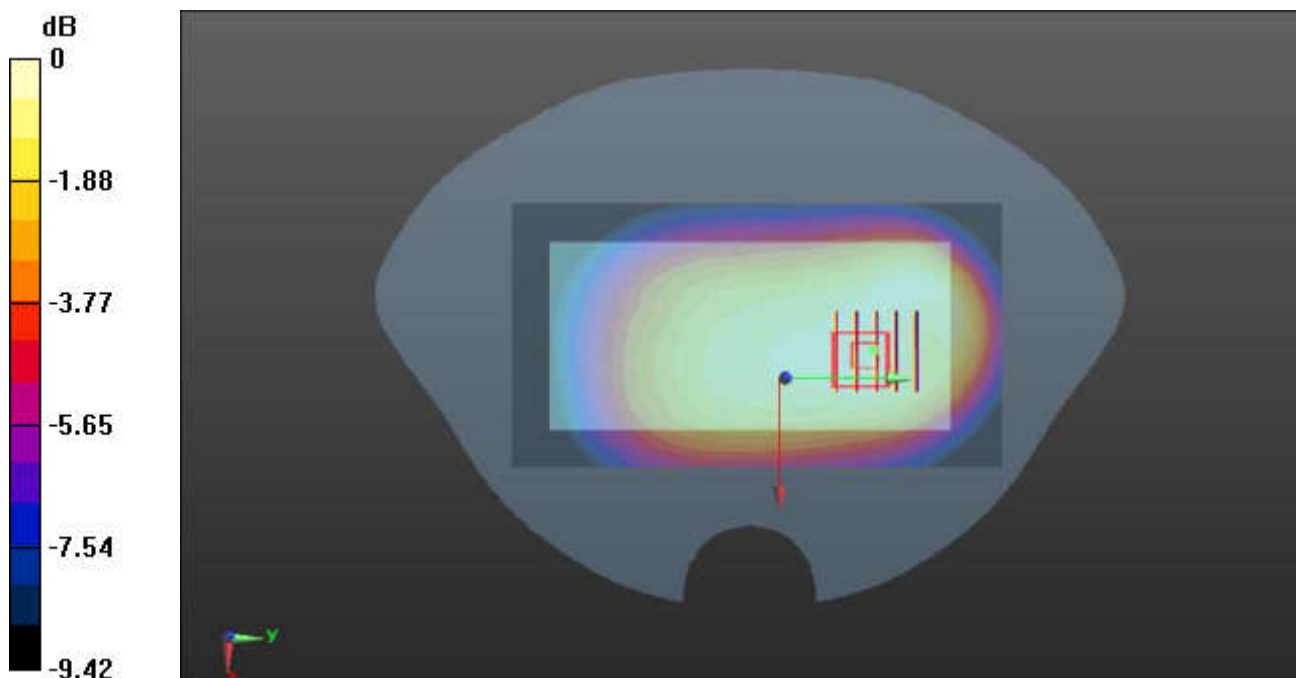
Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.88 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg

Meas.26 Right Head with Cheek on Middle Channel in LTE Band13 mode with Antenna 4

Date: 2023.08.18

Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.569 W/kg

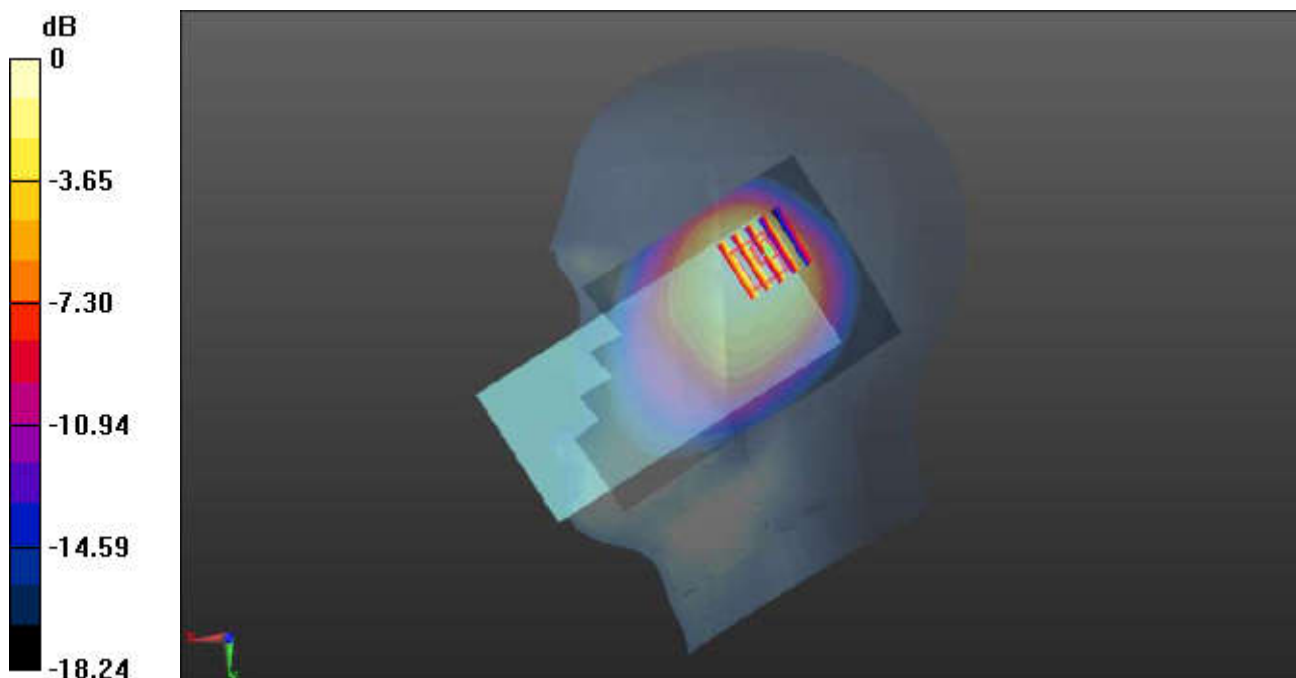
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.43 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 0.516 W/kg



0 dB = 0.516 W/kg

Meas.27 Body Plane with Back Side 10mm on Middle Channel in LTE Band13 mode with Antenna 1

Date: 2023.08.18

Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.223 W/kg

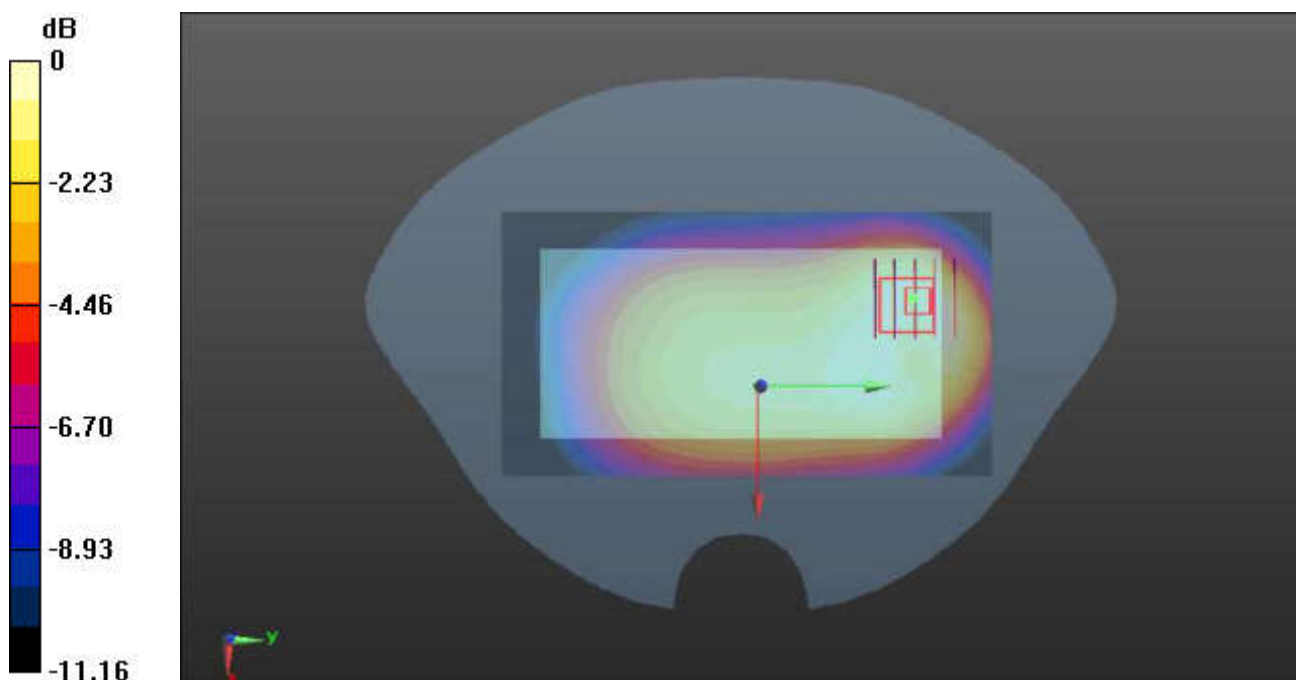
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.96 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg

Meas.28 Right Head with Cheek on Low Channel in LTE Band17 mode with Antenna 4

Date: 2023.08.19

Communication System Band: Band 17; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 42.243$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

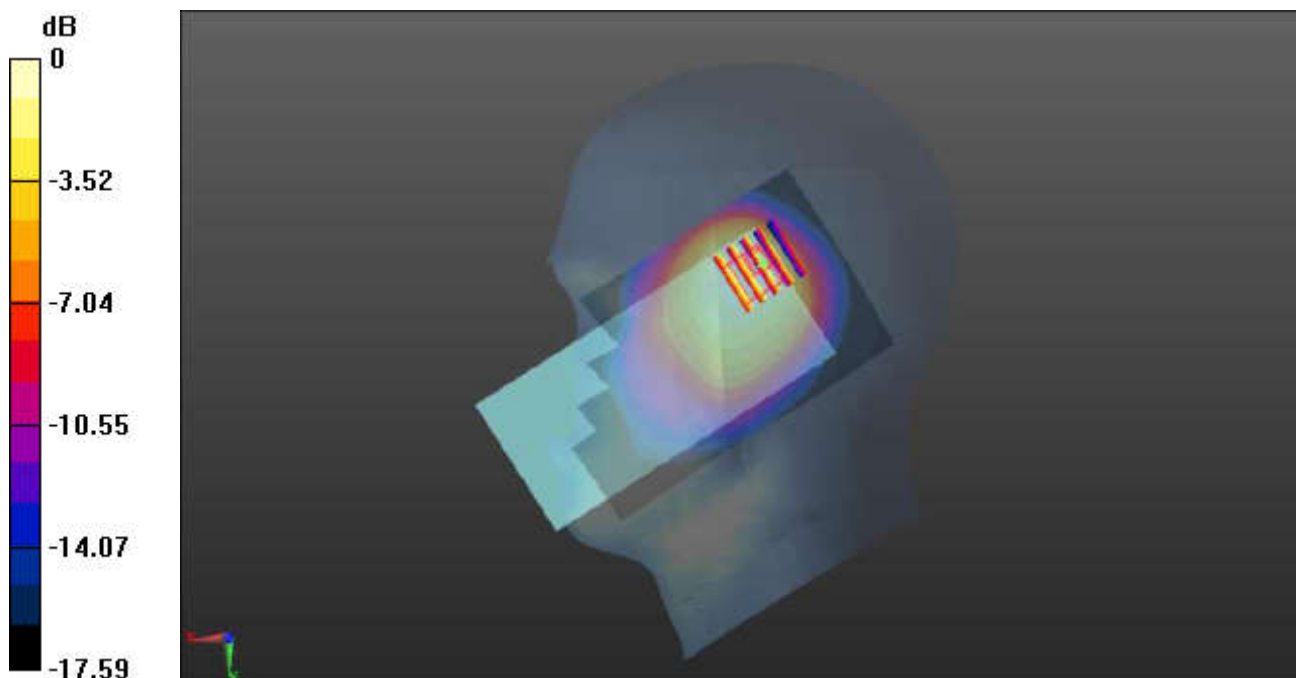
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.31 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.245 W/kg

Meas.29 Body Plane with Back Side 10mm on Low Channel in LTE Band17 mode with Antenna 1

Date: 2023.08.19

Communication System Band: Band 17; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 42.243$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.31, 10.57, 10.43); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.189 W/kg

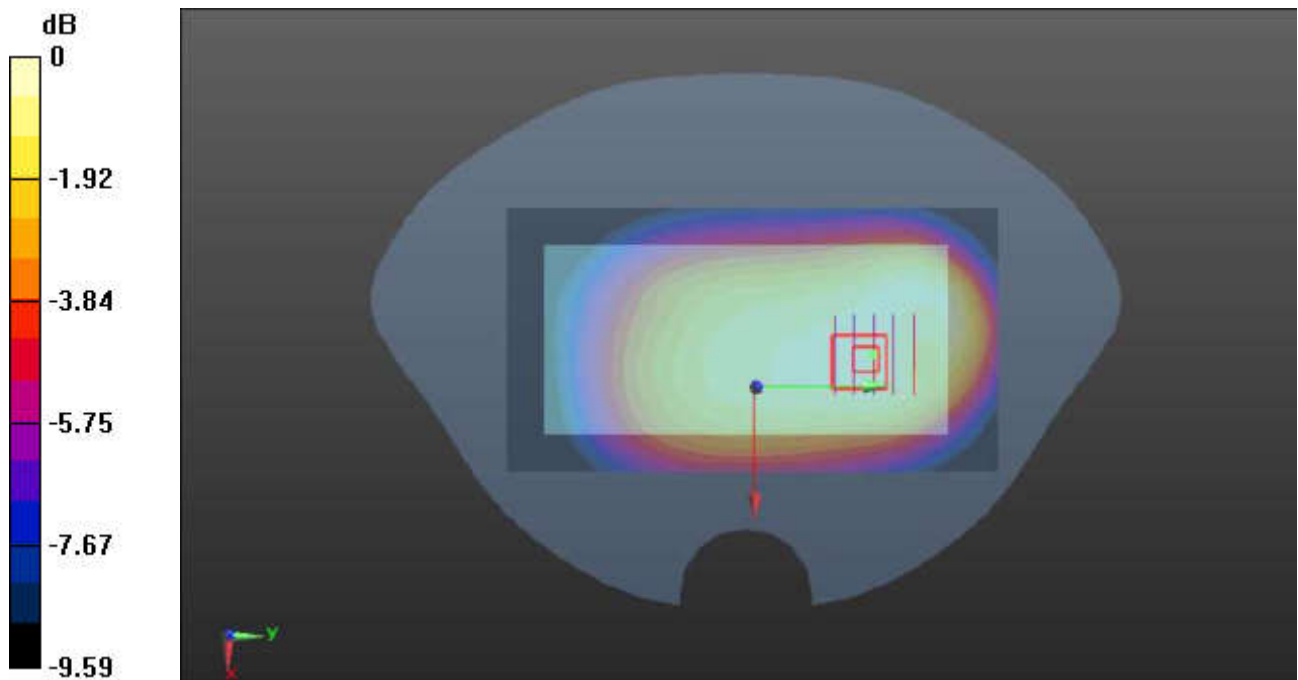
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.89 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.186 W/kg

Meas.30 Right Head with Cheek on Middle Channel in LTE Band26 mode with Antenna 4

Date: 2023.08.24

Communication System Band: Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 42.035$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.552 W/kg

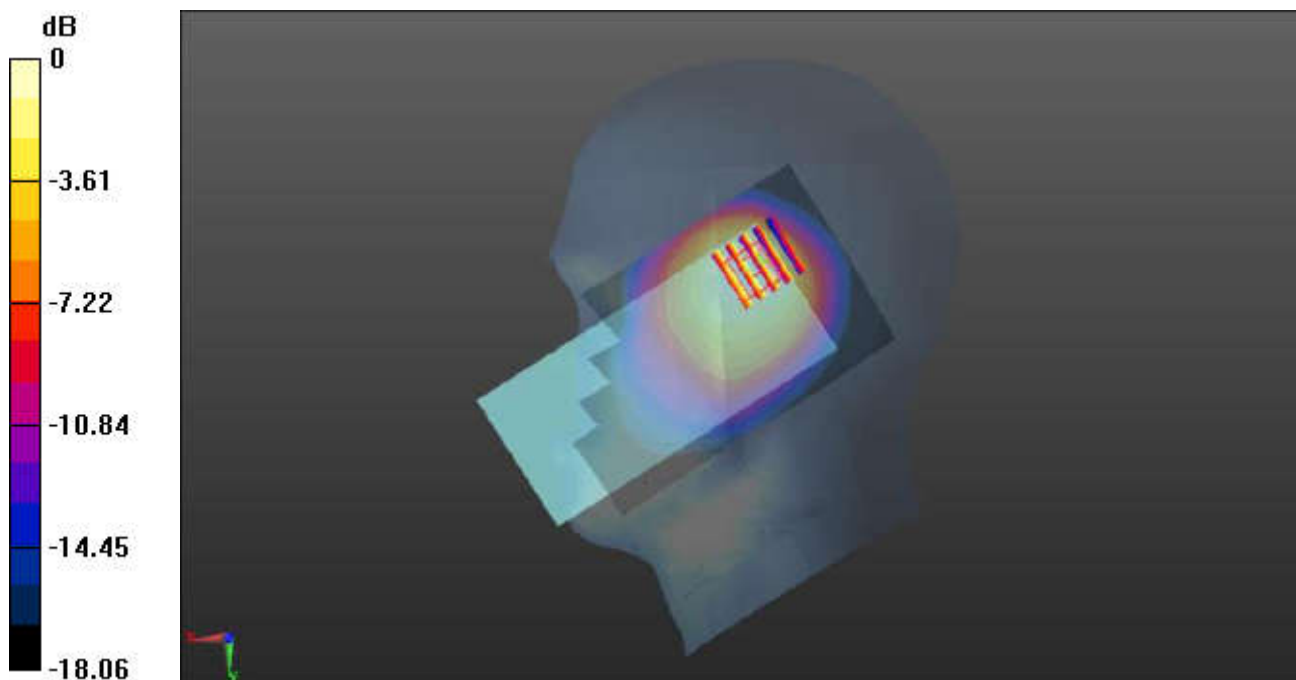
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.77 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 0.506 W/kg



0 dB = 0.506 W/kg

Meas.31 Body Plane with Back Side 10mm on Middle Channel in LTE Band26 mode with Antenna 1

Date: 2023.08.24

Communication System Band: Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 42.035$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.335 W/kg

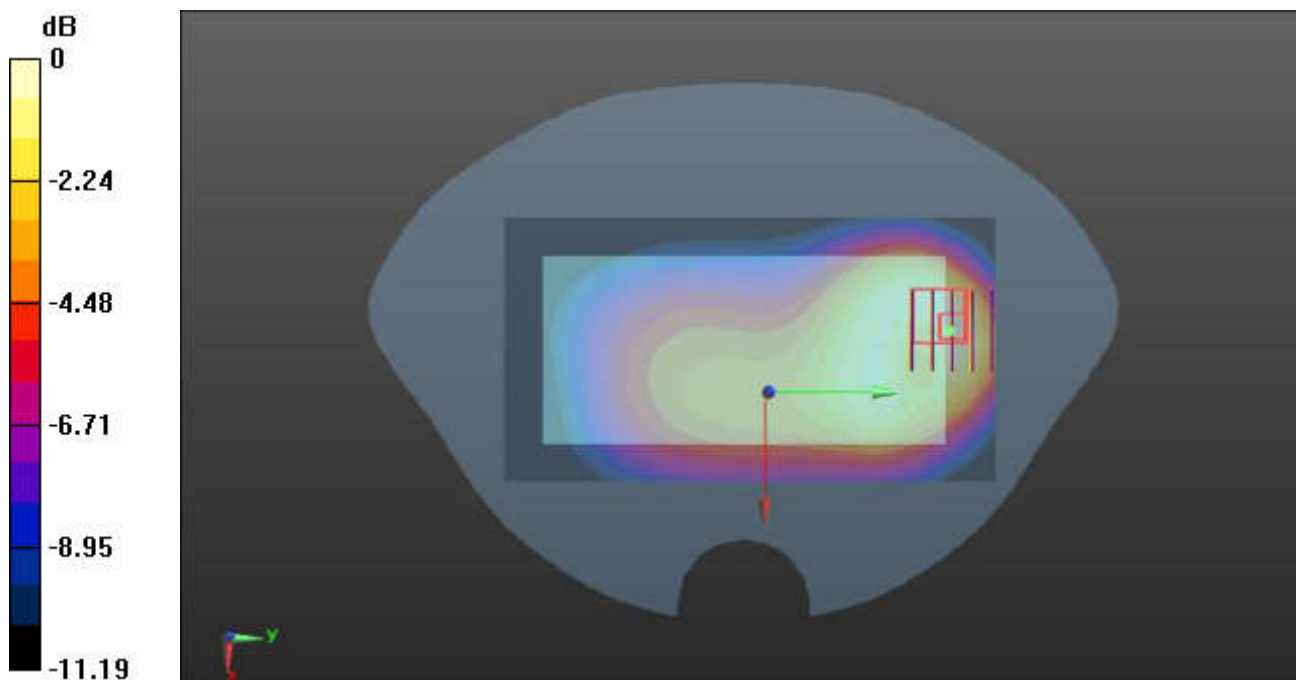
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.60 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.318 W/kg

Meas.32 Right Head with Tilt on Low Channel in LTE Band66 mode with Antenna 4

Date: 2023.08.26

Communication System Band: Band 66; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.434$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.851 W/kg

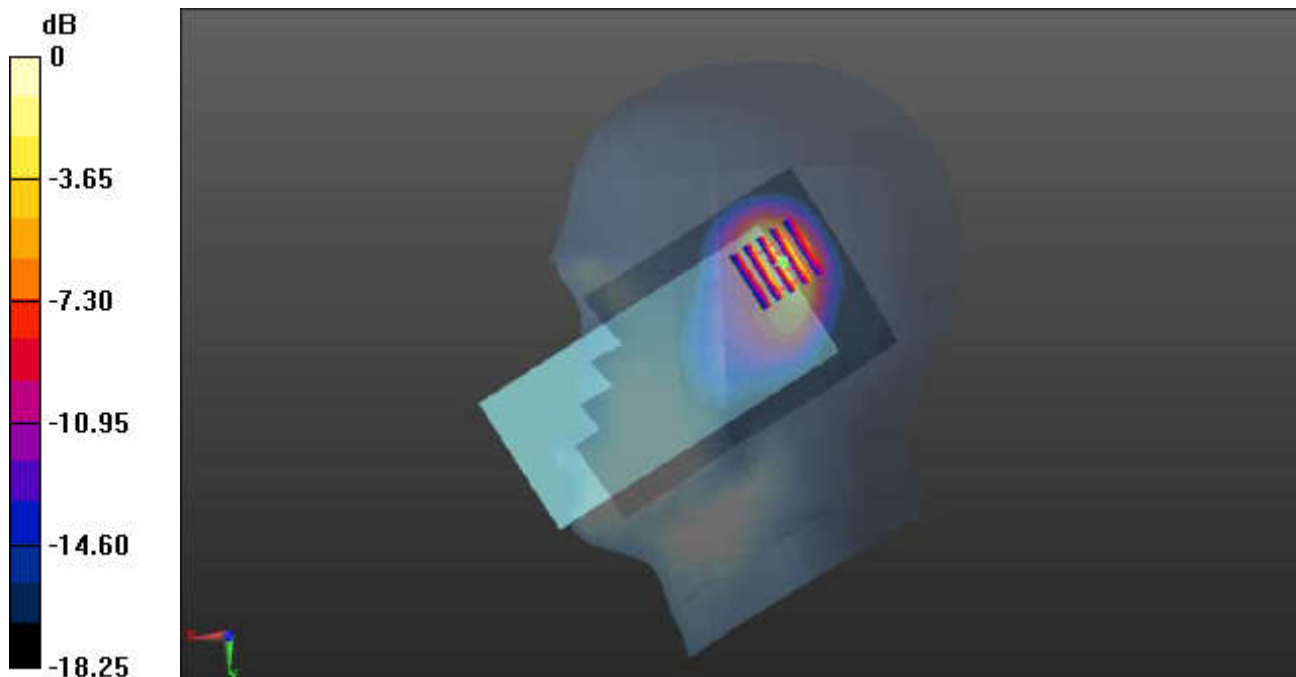
Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.08 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.349 W/kg

Maximum value of SAR (measured) = 0.844 W/kg



0 dB = 0.844 W/kg

Meas.33 Body Plane with Bottom Edge 10mm on Low Channel in LTE Band66 mode with Antenna 1

Date: 2023.08.26

Communication System Band: Band 66; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.434$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.825 W/kg

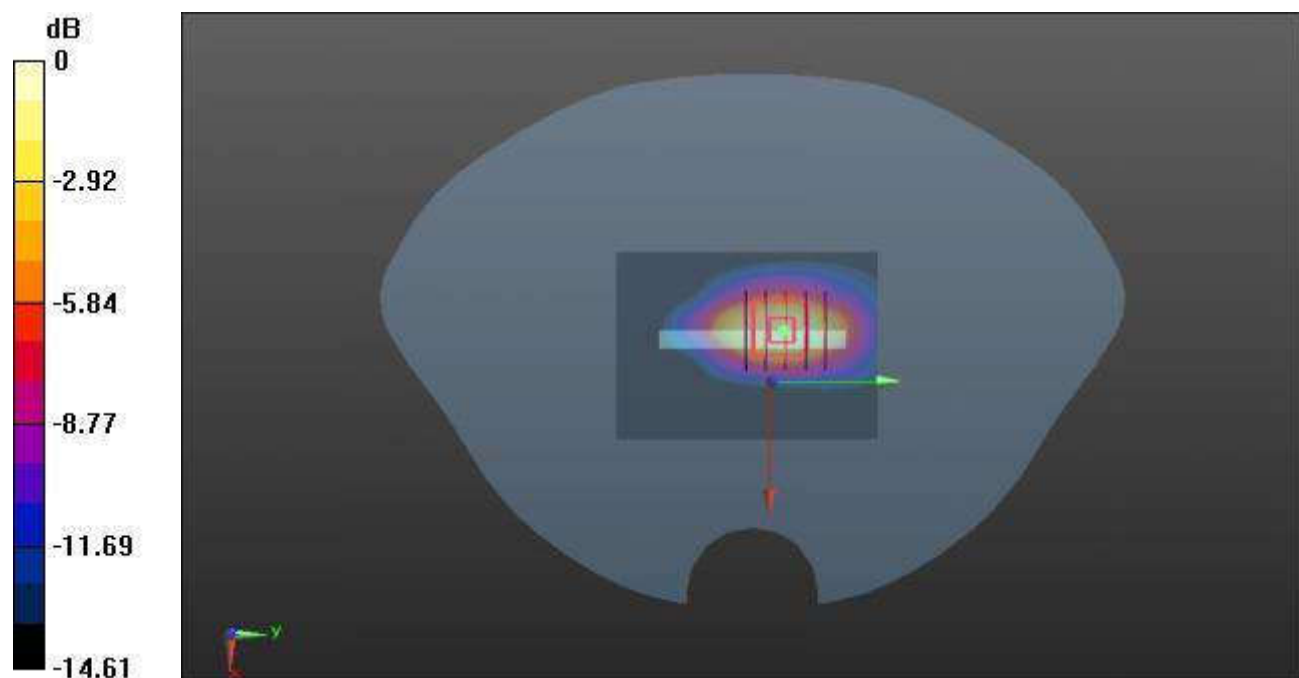
Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.20 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.741 W/kg



0 dB = 0.741 W/kg

Meas.34 Body Plane with Left Edge 0mm on High Channel in LTE Band66 mode with Antenna2

Date: 2023.08.26

Communication System Band: Band 66; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1770$ MHz; $\sigma = 1.393$ S/m; $\epsilon_r = 40.054$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132572/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.72 W/kg

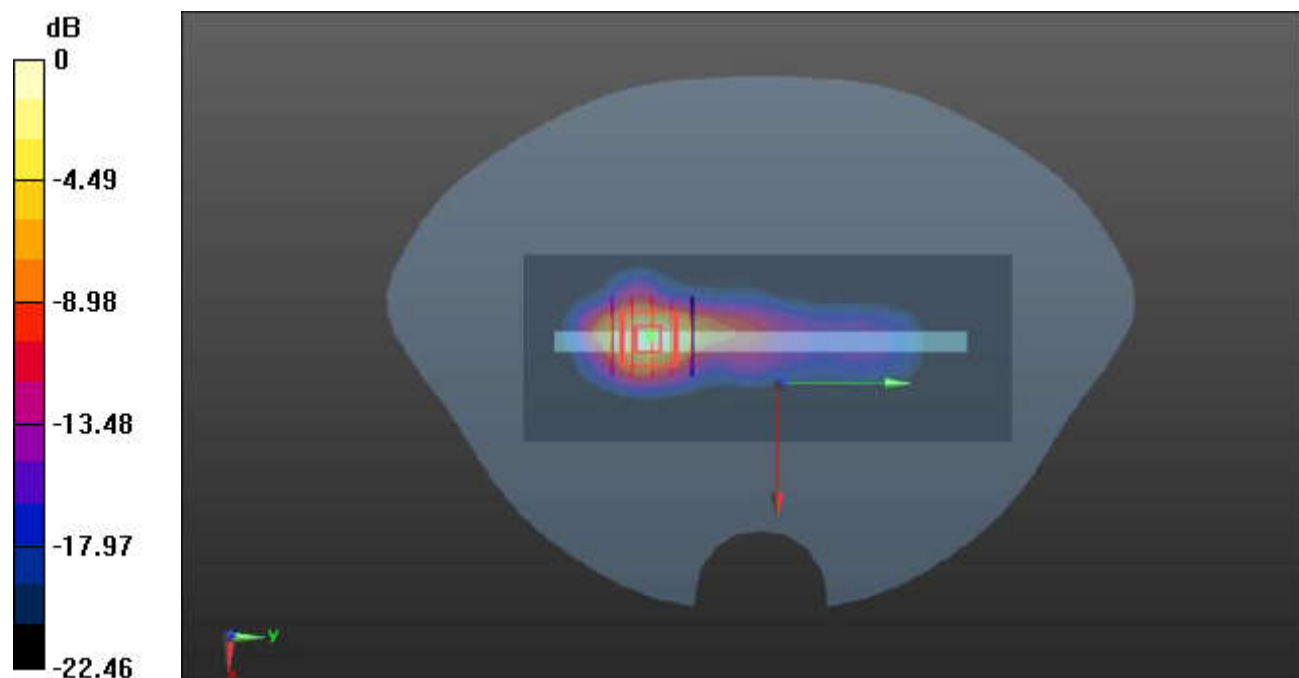
Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.13 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 9.73 W/kg

SAR(1 g) = 4.26 W/kg; SAR(10 g) = 1.73 W/kg

Maximum value of SAR (measured) = 5.38 W/kg



0 dB = 5.38 W/kg

Meas.35 Right Head with Tilt on High Channel in LTE Band38 mode with Antenna 4

Date: 2023.09.01

Communication System Band: Band 38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.455$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.698 W/kg

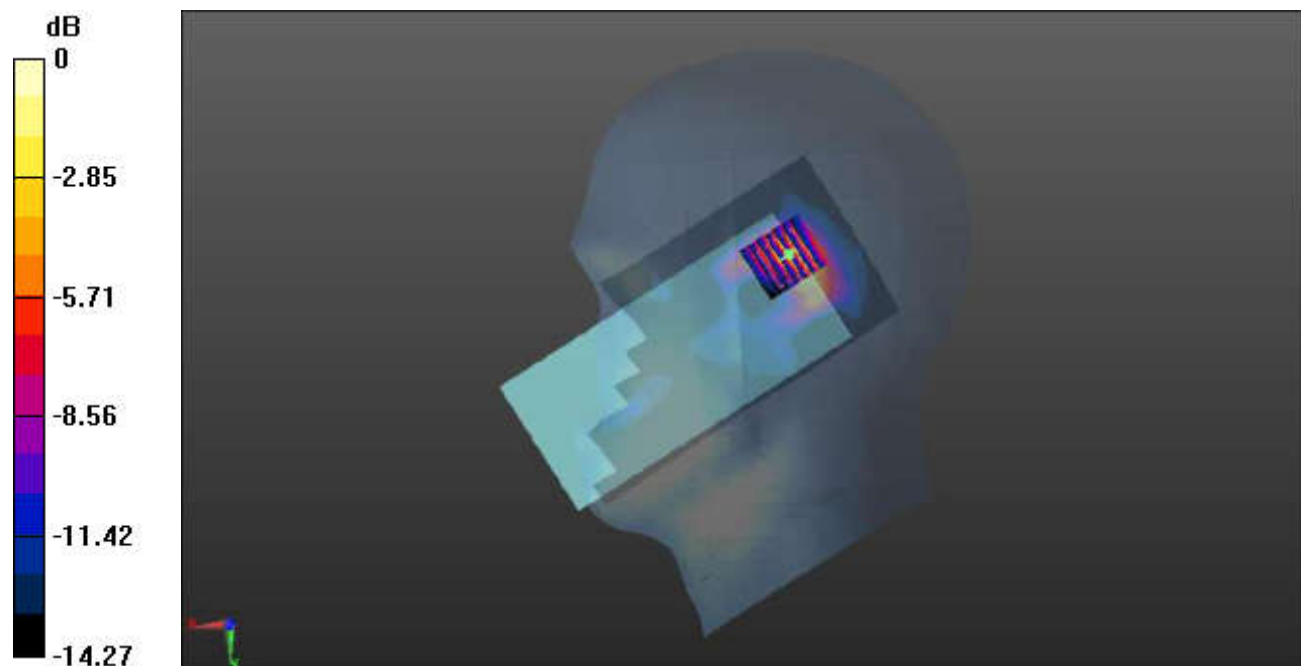
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.90 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.666 W/kg

Meas.36 Body Plane with Left Edge 10mm on High Channel in LTE Band38 mode with Antenna2

Date: 2023.09.01

Communication System Band: Band 38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.736 W/kg

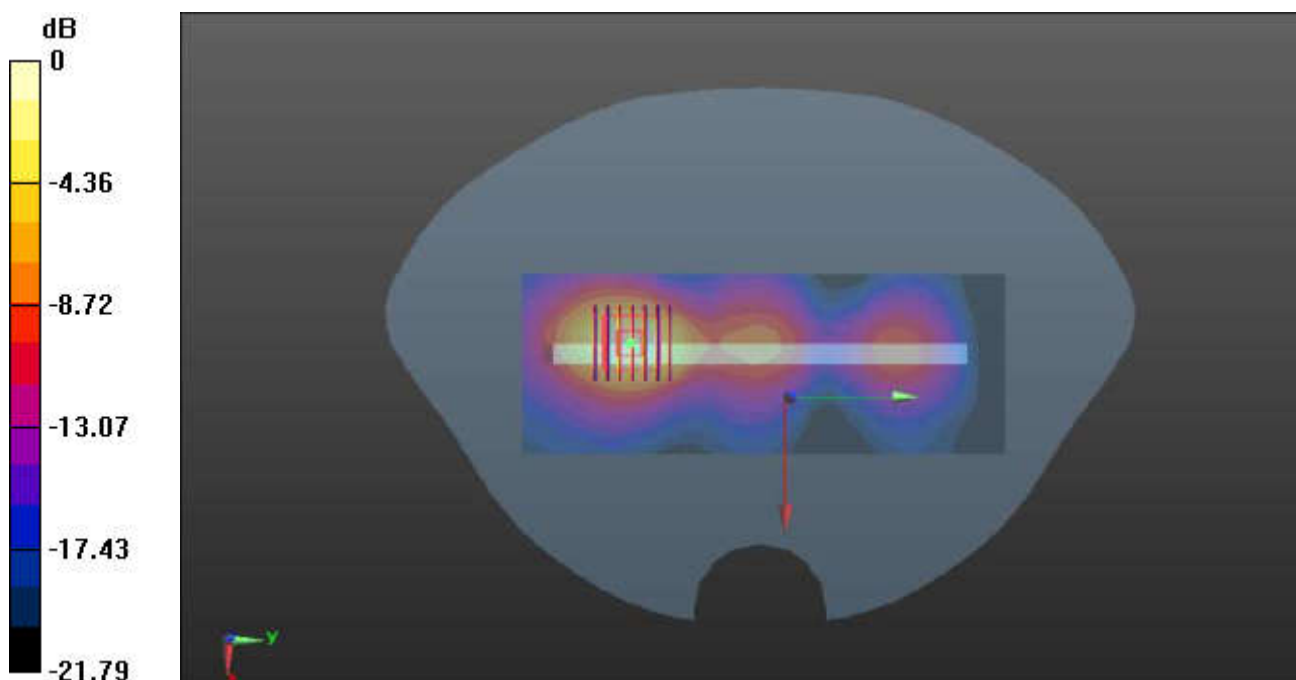
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.683 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg

Meas.37 Body Plane with Left Edge 0mm on High Channel in LTE Band38 mode with Antenna2

Date: 2023.09.01

Communication System Band: Band 38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.54 W/kg

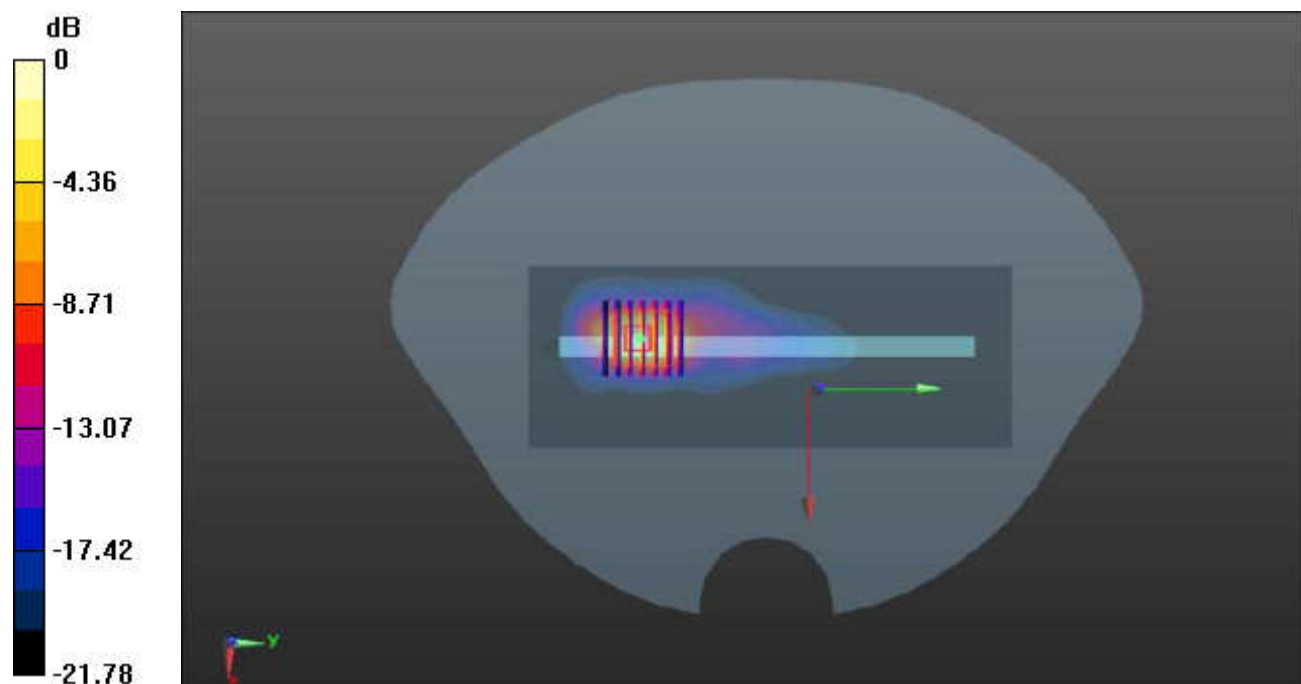
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.017 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 8.34 W/kg

SAR(1 g) = 2.95 W/kg; SAR(10 g) = 1.07 W/kg

Maximum value of SAR (measured) = 3.61 W/kg



0 dB = 3.61 W/kg

Meas.38 Right Head with Tilt on Low Channel in LTE Band41 mode with Antenna 4

Date: 2023.09.02

Communication System Band: Band 41; Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 39.101$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.897 W/kg

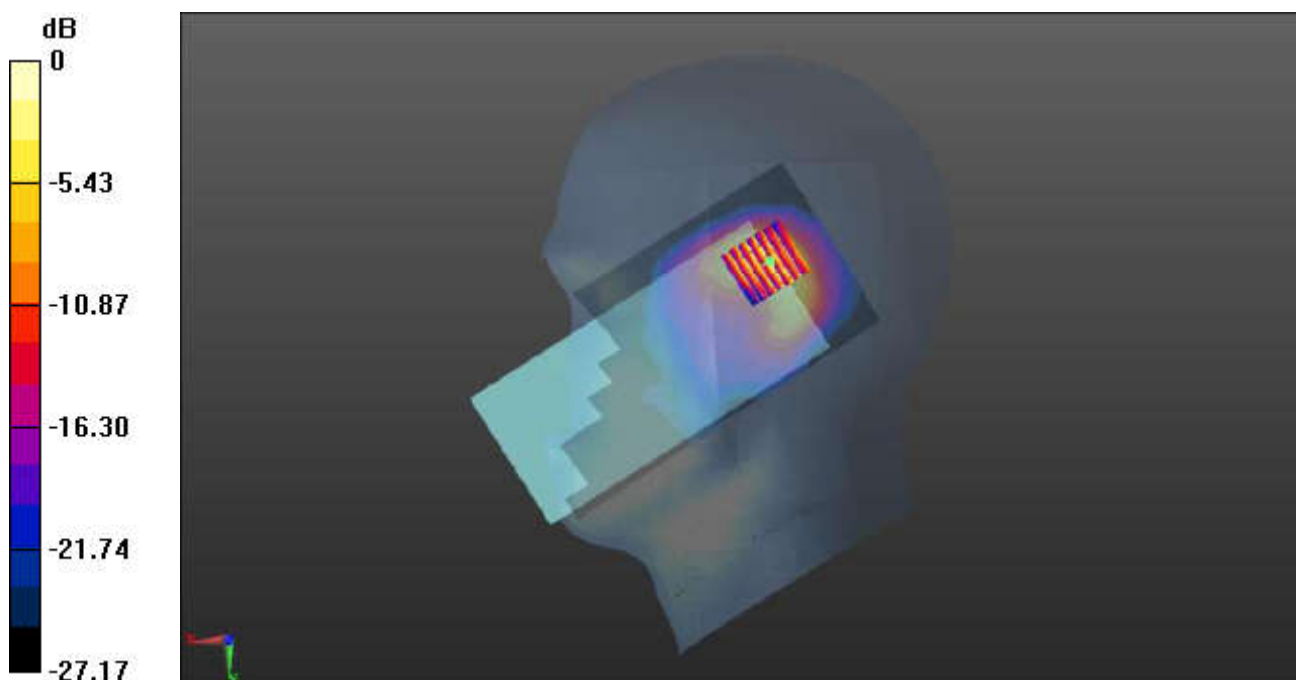
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.11 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.907 W/kg



0 dB = 0.907 W/kg

Meas.39 Body Plane with Left Edge 10mm on Low Channel in LTE Band41 mode with Antenna2

Date: 2023.09.02

Communication System Band: Band 41; Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 39.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.708 W/kg

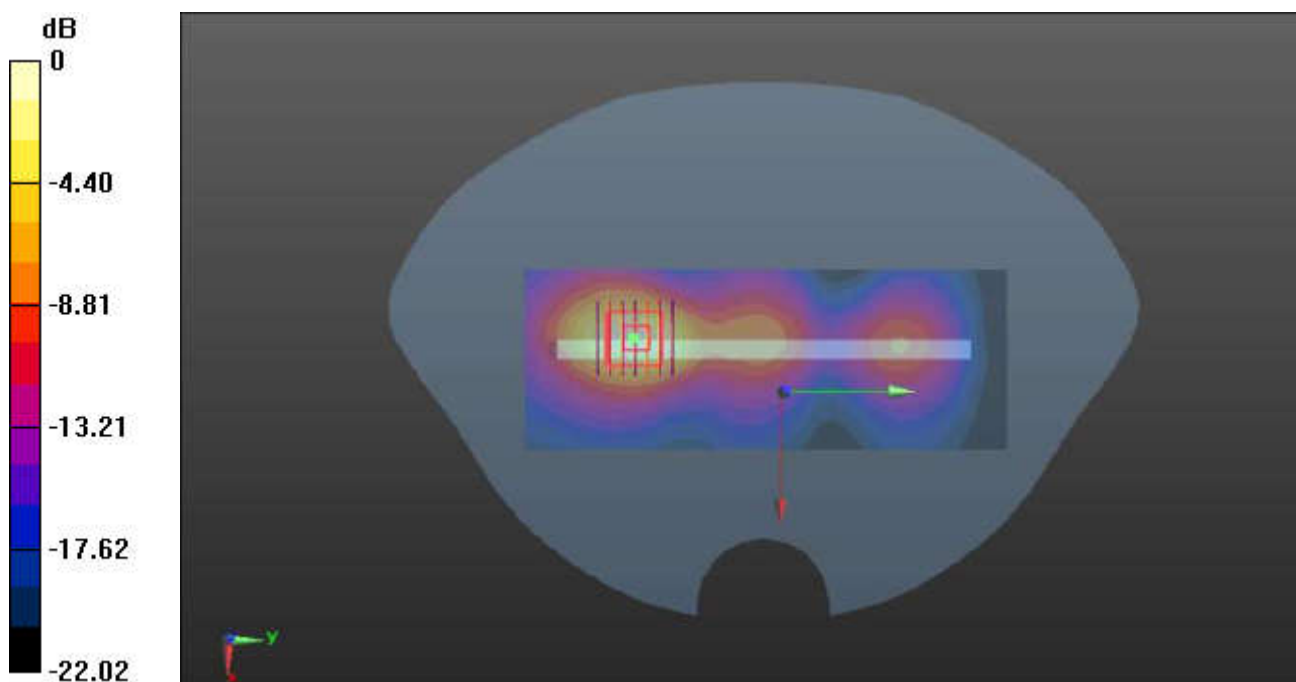
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.743 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673 W/kg

Meas.40 Body Plane with Left Edge 0mm on Low Channel in LTE Band41 mode with Antenna2

Date: 2023.09.02

Communication System Band: Band 41; Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 39.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.03 W/kg

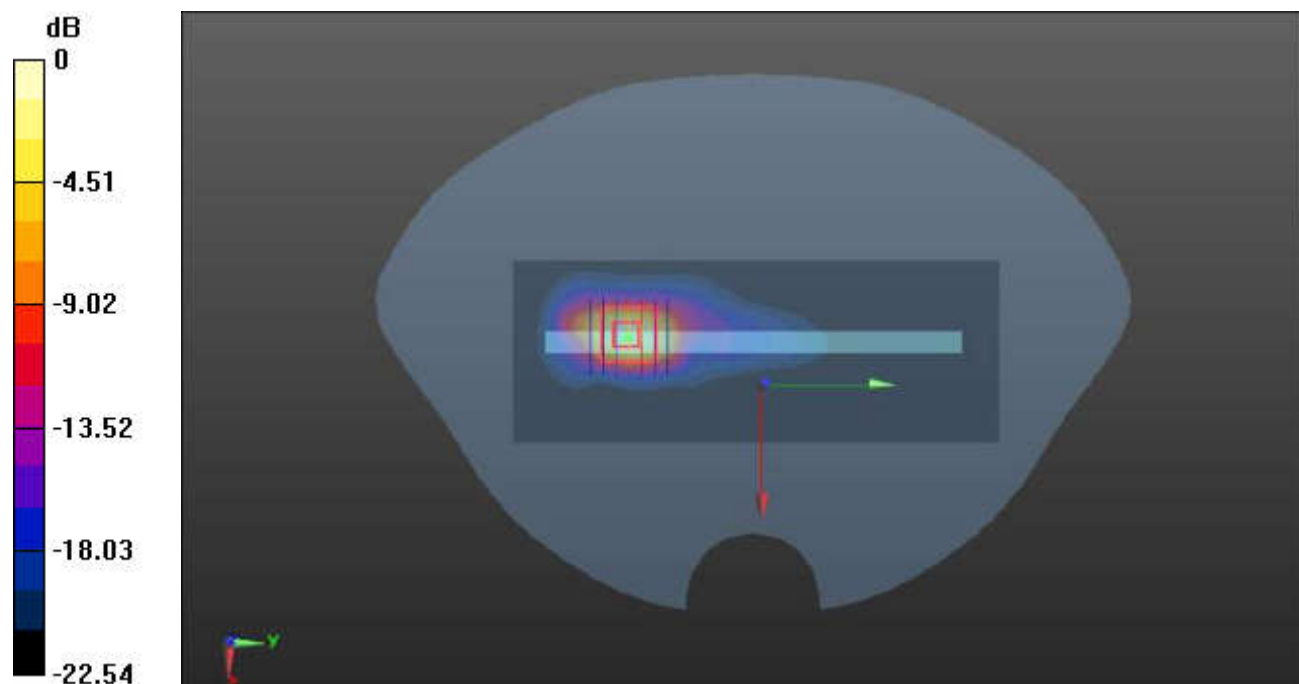
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.317 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 8.67 W/kg

SAR(1 g) = 3.07 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 3.75 W/kg



0 dB = 3.75 W/kg

Meas.41 Left Head with Cheek on PCC20850+SCC21048 Channel in LTE Band7 mode with Antenna 1

Date: 2023.09.08

Communication System Band: Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.873$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (81x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.280 W/kg

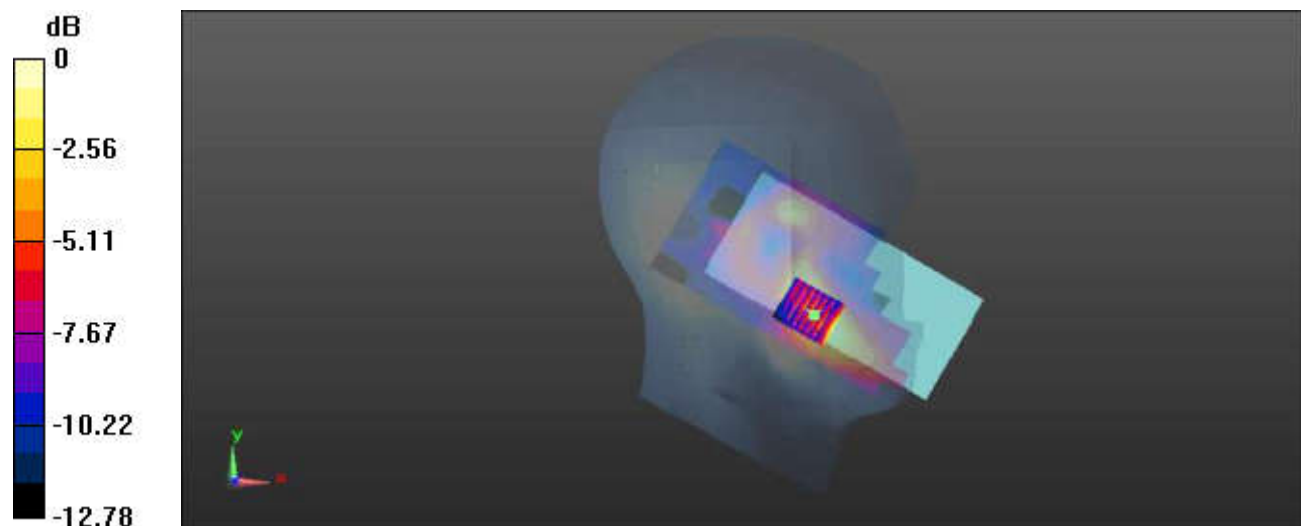
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.705 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg

Meas.42 Body Plane with Bottom Edge 10mm on PCC21350+SCC21152 Channel in LTE Band7 mode with Antenna 1

Date: 2023.09.08

Communication System Band: Band 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.932$ S/m; $\epsilon_r = 38.76$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.354 W/kg

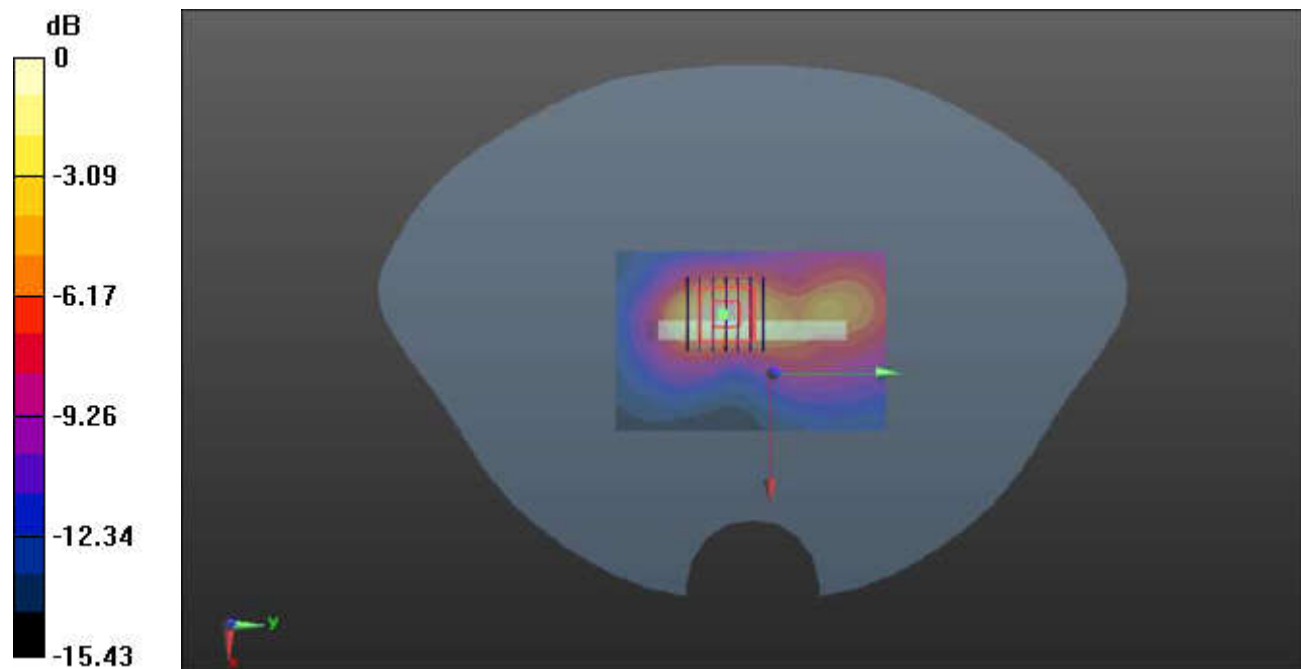
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.40 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg

Meas.43 Left Head with Cheek on PCC38150+SCC37952 Channel in LTE Band38 mode with Antenna 1

Date: 2023.09.01

Communication System Band: Band 38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.455$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

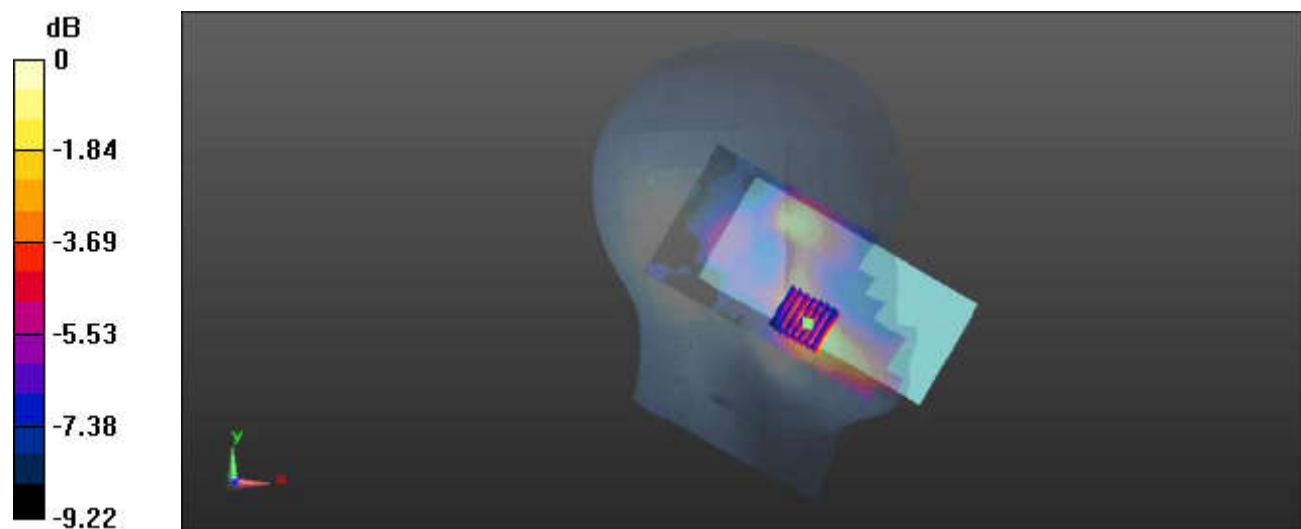
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.360 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg

Meas.44 Body Plane with Bottom Edge 10mm on PCC37850+SCC38048 Channel in LTE Band38 mode with Antenna 1

Date: 2023.09.01

Communication System Band: Band 38; Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2580$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 38.714$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

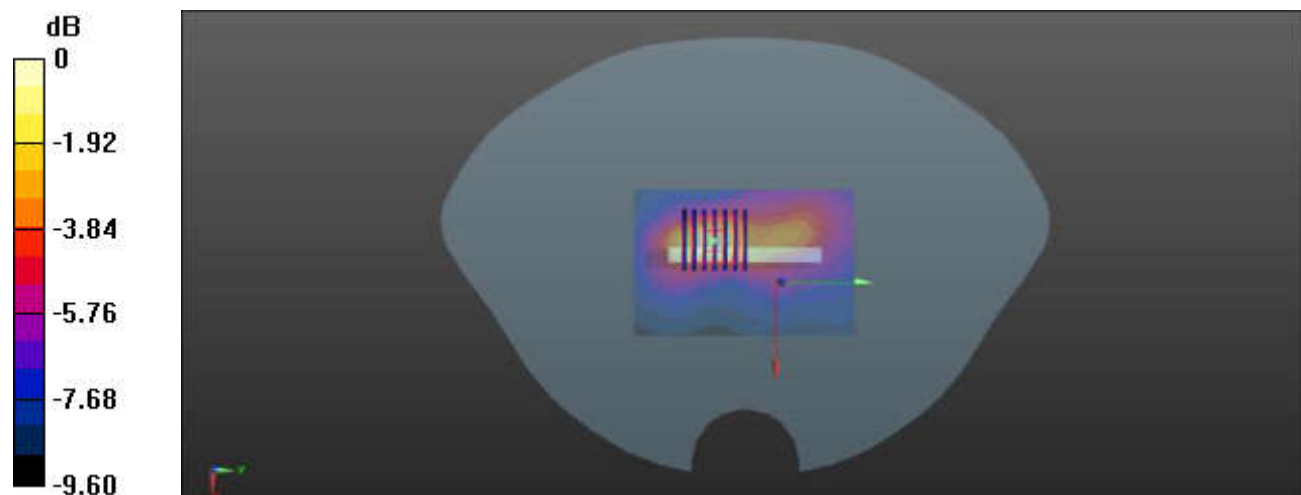
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.654 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg

Meas.45 Right Head with Cheek on 167300 Channel in N5 mode with Antenna 4

Date: 2023.08.23

Communication System Band: N5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.837$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167300/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.601 W/kg

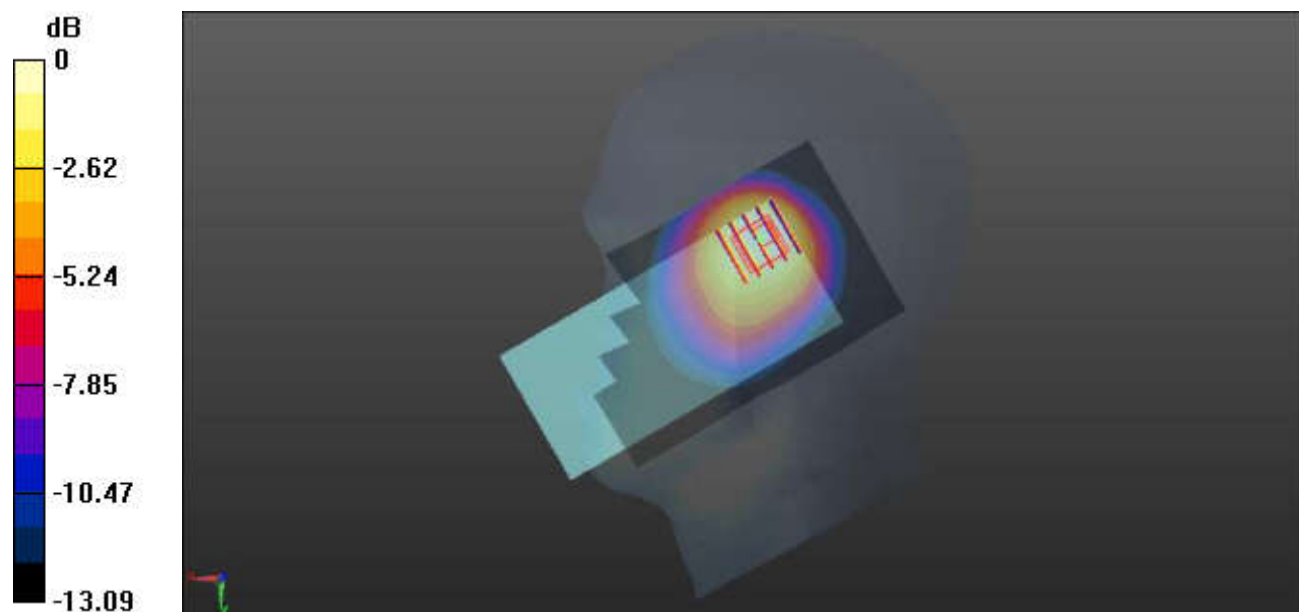
Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.60 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.348 W/kg

Maximum value of SAR (measured) = 0.551 W/kg



0 dB = 0.551 W/kg

Meas.46 Body Plane with Back Side 10mm on 167300 Channel in N5 mode with Antenna 4

Date: 2023.08.23

Communication System Band: N5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.837$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(9.96, 10.1, 10.15); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167300/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.254 W/kg

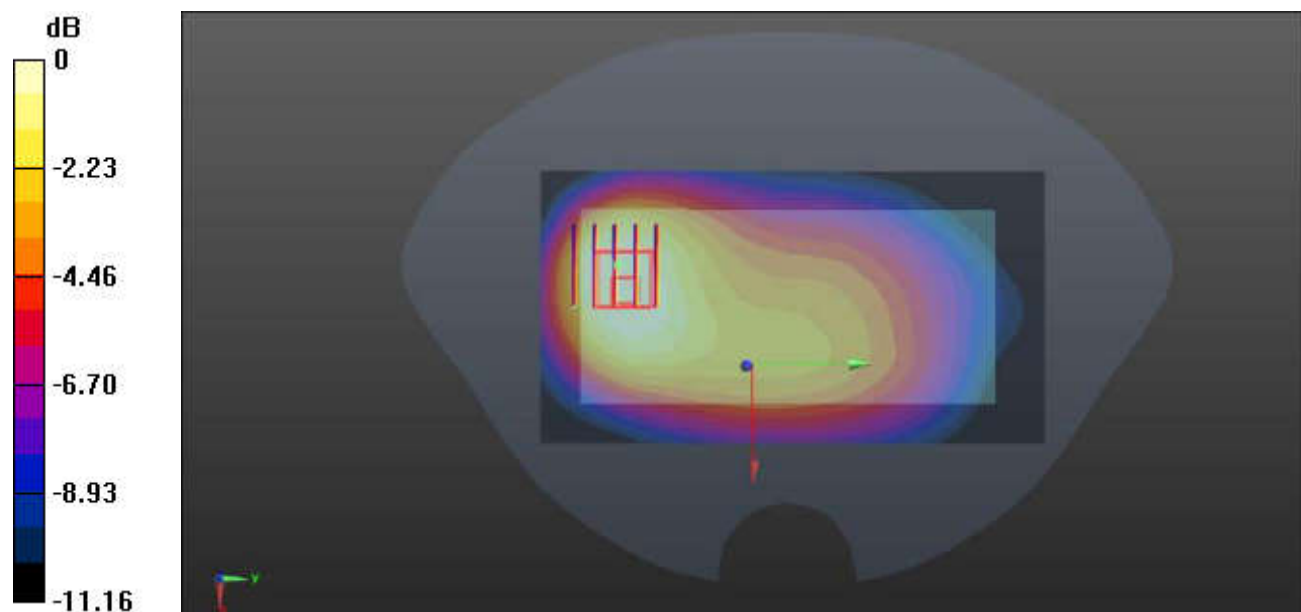
Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.24 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg

Meas.47 Right Head with Tilt on 507000 Channel in N7 mode with Antenna 4

Date: 2023.08.31

Communication System Band: N7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 38.966$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch507000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

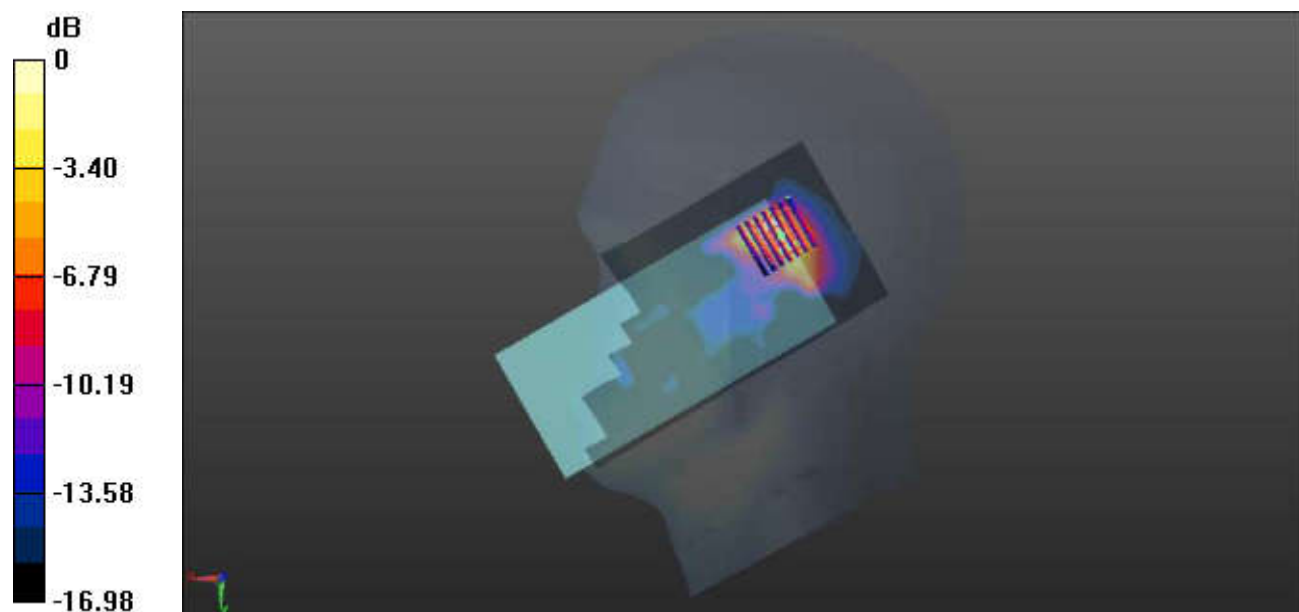
Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.93 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

Meas.48 Body Plane with Bottom Edge 10mm on 507000 Channel in N7 mode with Antenna 1

Date: 2023.08.31

Communication System Band: N7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 38.966$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch507000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.545 W/kg

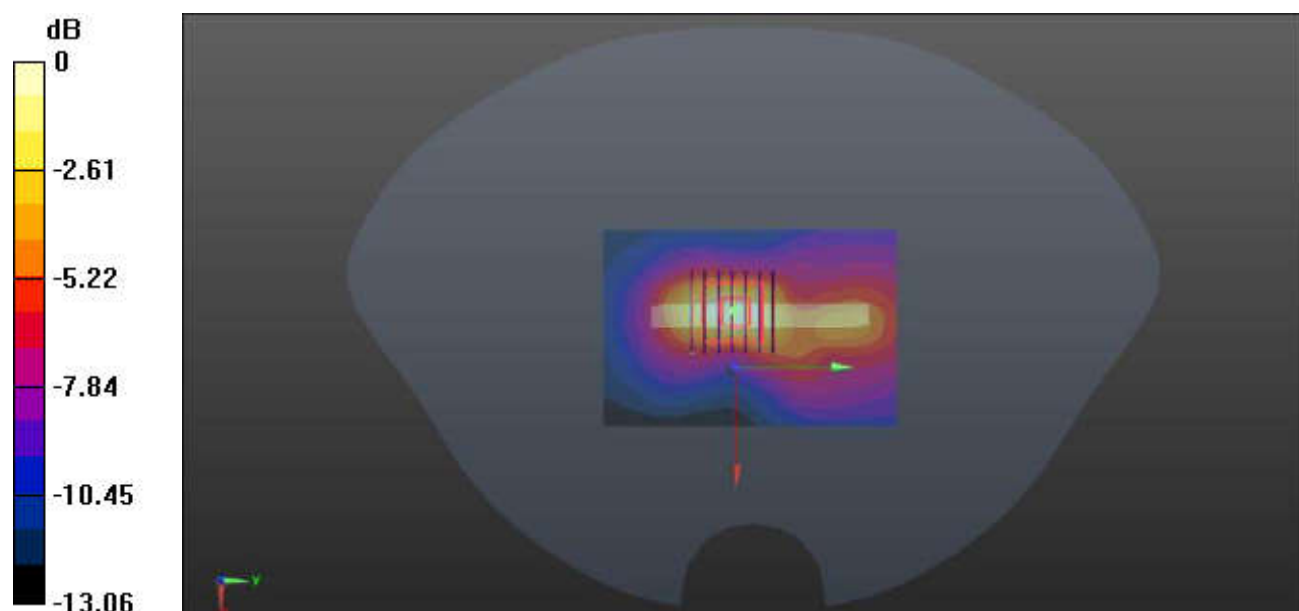
Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.19 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.514 W/kg

Meas.49 Body Plane with Bottom Edge 0mm on 507000 Channel in N7 mode with Antenna 1

Date: 2023.08.31

Communication System Band: N7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 38.966$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch507000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.82 W/kg

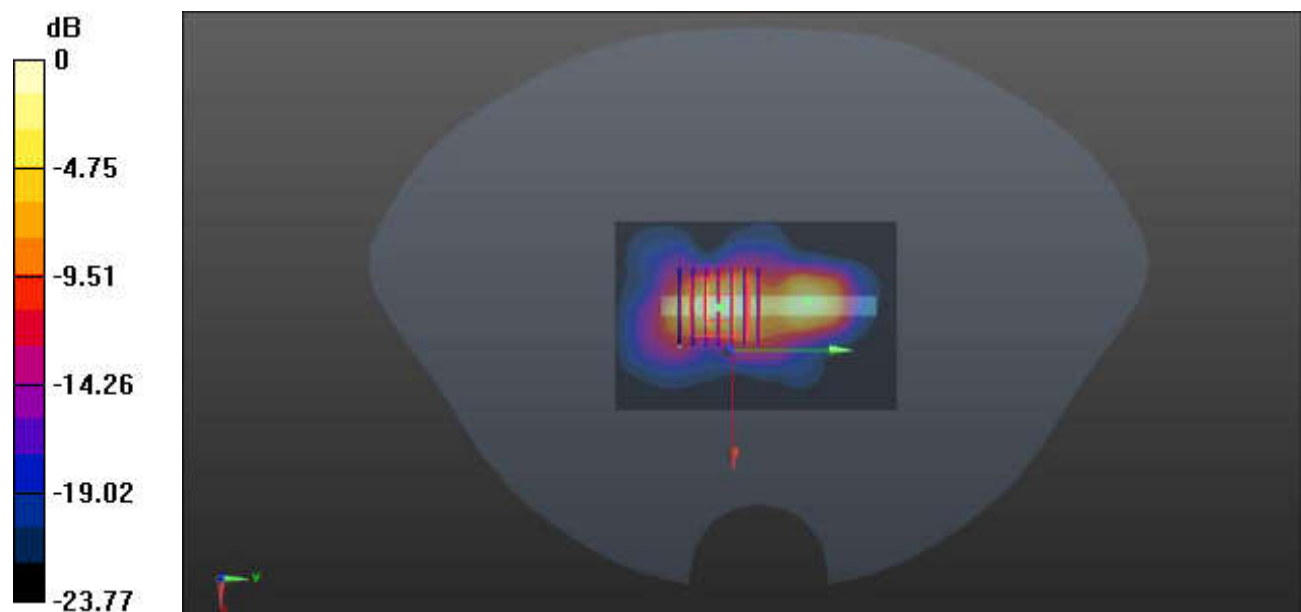
Configuration 2/Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.43 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 4.61 W/kg; SAR(10 g) = 1.65 W/kg

Maximum value of SAR (measured) = 5.79 W/kg



0 dB = 5.79 W/kg

Meas.50 Right Head with Tilt on 349000 Channel in N66 mode with Antenna 4

Date: 2023.08.28

Communication System Band: N66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 40.155$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch349000/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.840 W/kg

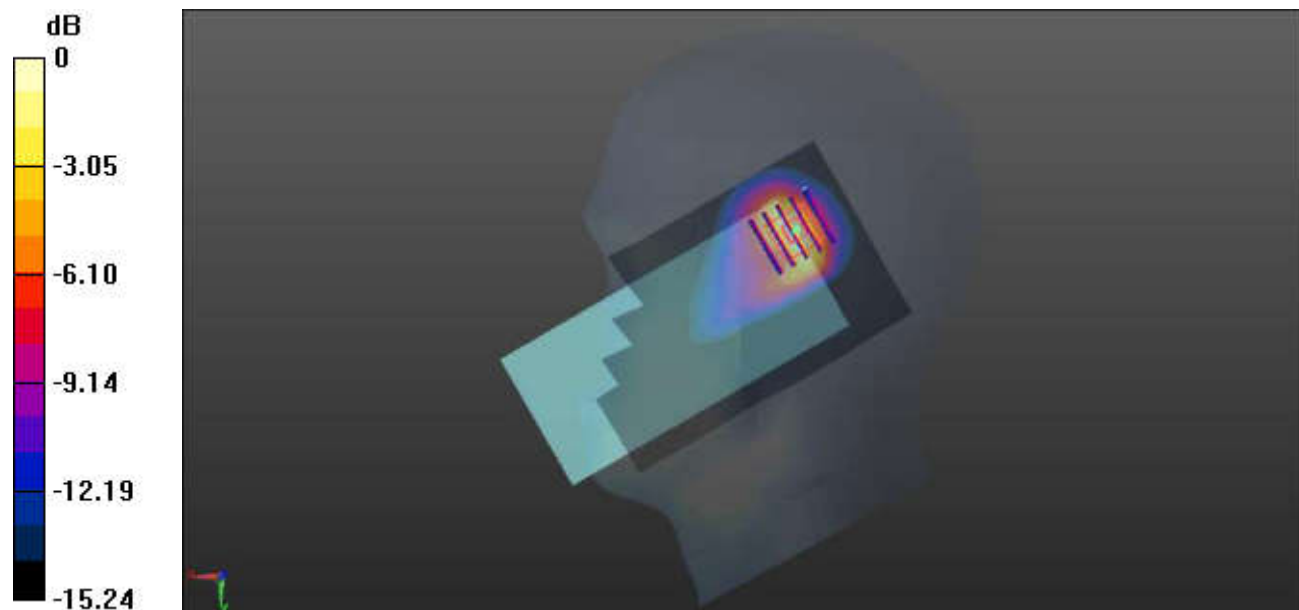
Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.44 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.863 W/kg



0 dB = 0.863 W/kg

Meas.51 Body Plane with Bottom Edge 10mm on 349000 Channel in N66 mode with Antenna 1

Date: 2023.08.28

Communication System Band: N66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 40.155$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch349000/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.988 W/kg

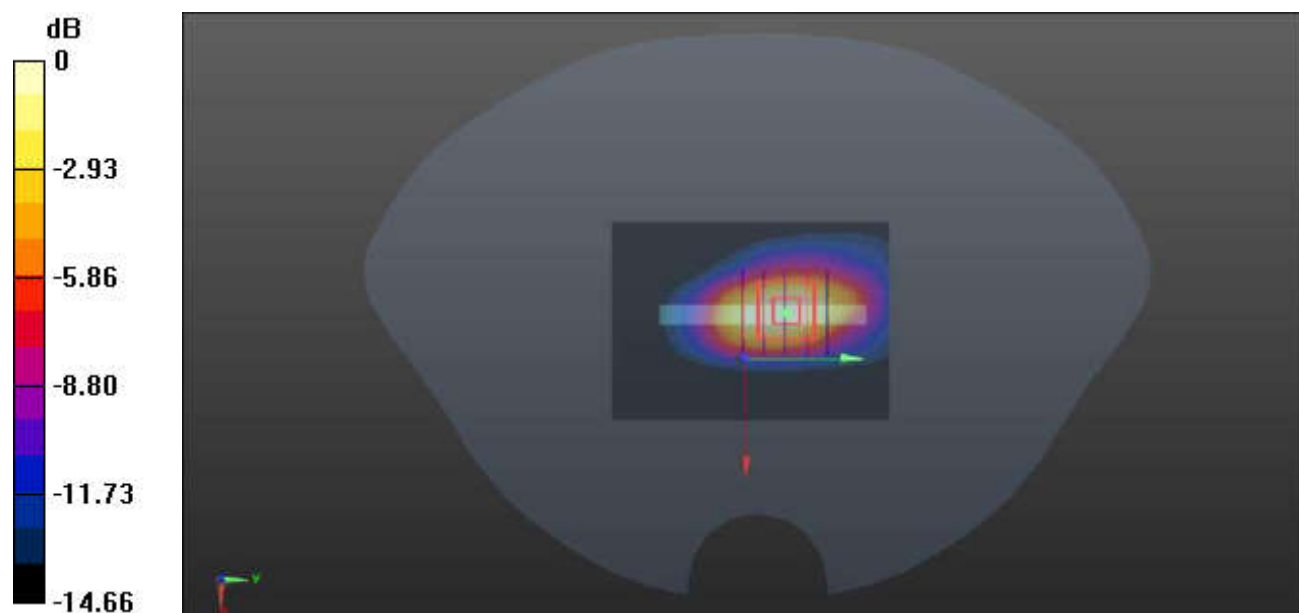
Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.59 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.364 W/kg

Maximum value of SAR (measured) = 0.771 W/kg



0 dB = 0.771 W/kg

Meas.52 Body Plane with Top Edge 0mm on 349000 Channel in N66 mode with Antenna 4

Date: 2023.08.28

Communication System Band: N66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 40.155$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch349000/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.12 W/kg

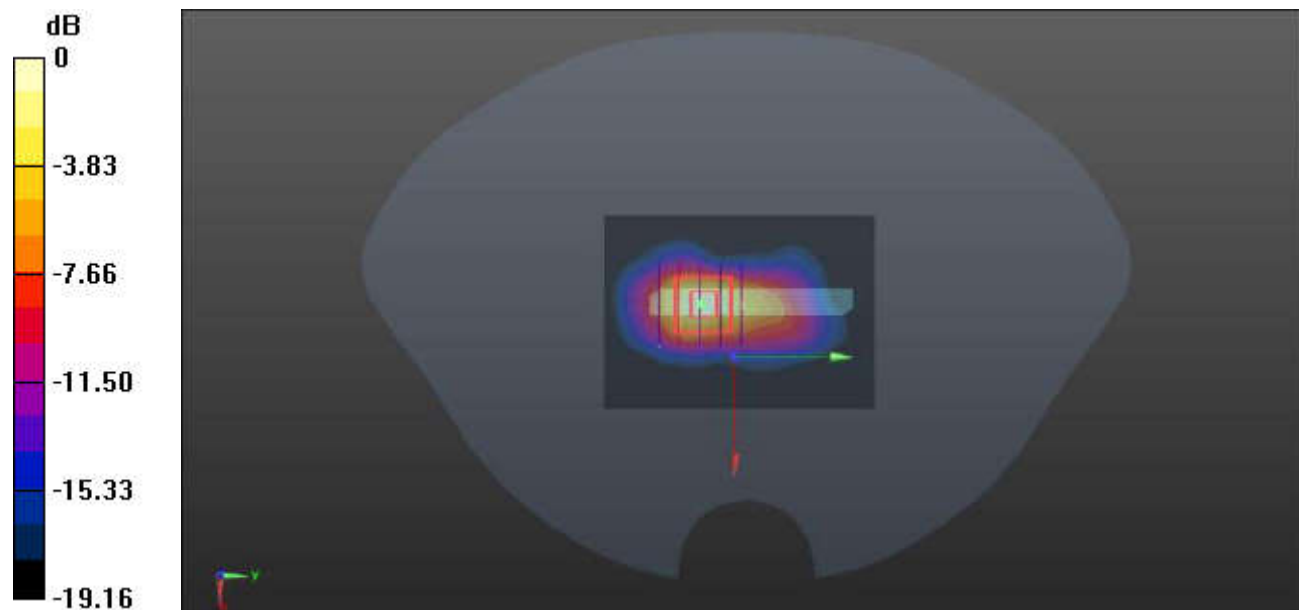
Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.58 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 6.65 W/kg

SAR(1 g) = 3.03 W/kg; SAR(10 g) = 1.27 W/kg

Maximum value of SAR (measured) = 3.84 W/kg



0 dB = 3.84 W/kg

Meas.53 Right Head with Tilt on 518000 Channel in N38 mode with Antenna 4

Date: 2023.09.12

Communication System Band: N38; Frequency: 2590 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2590$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 38.565$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch518000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

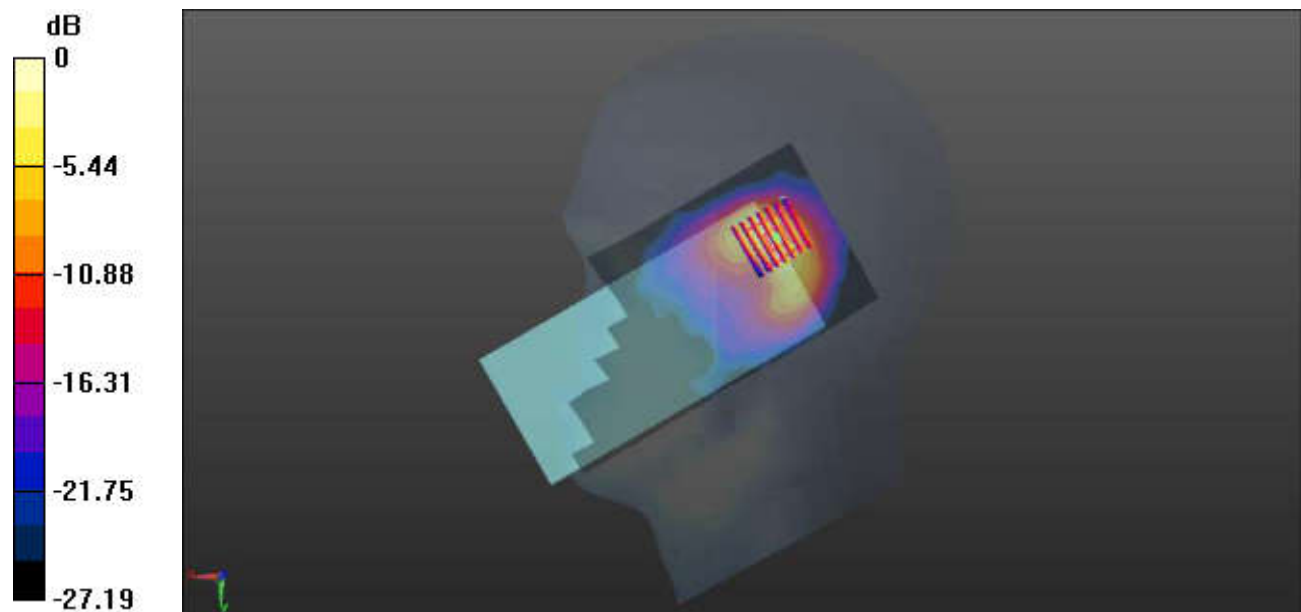
Ch518000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.11 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg

Meas.54 Body Plane with Left Edge 10mm on 520000 Channel in N38 mode with Antenna 2

Date: 2023.09.12

Communication System Band: N38; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 38.398$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch520000/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.885 W/kg

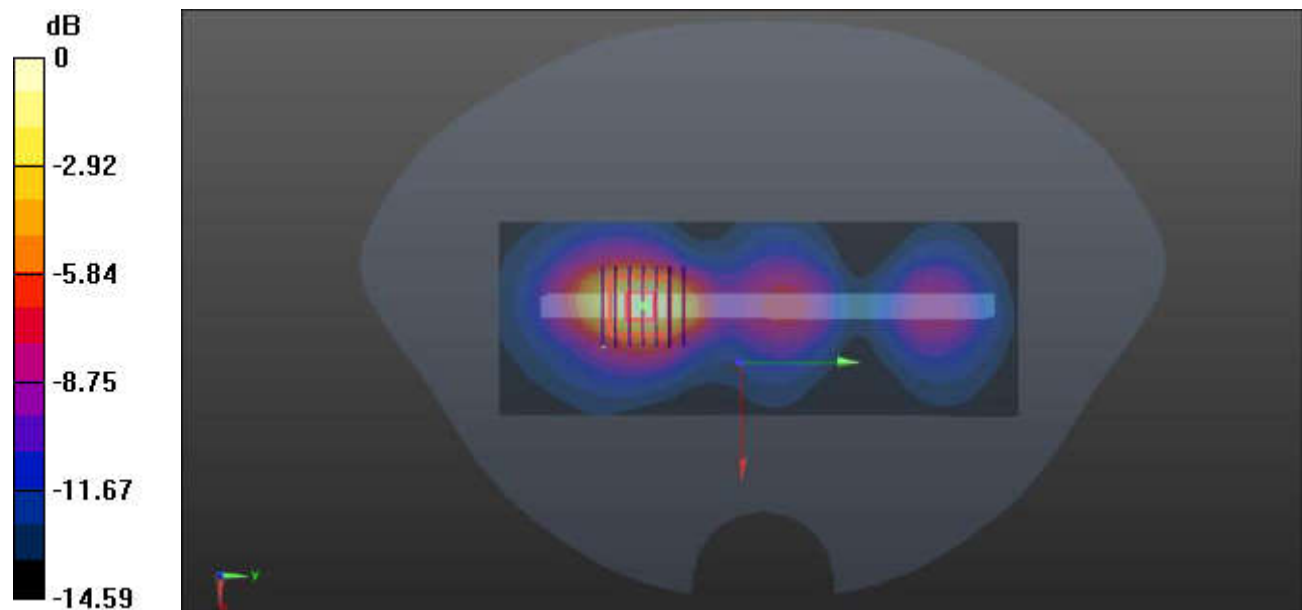
Ch520000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.369 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.776 W/kg



0 dB = 0.776 W/kg

Meas.55 Body Plane with Top Edge 0mm on 519000 Channel in N38 mode with Antenna 4

Date: 2023.09.12

Communication System Band: N38; Frequency: 2595 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 38.444$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch519000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 9.65 W/kg

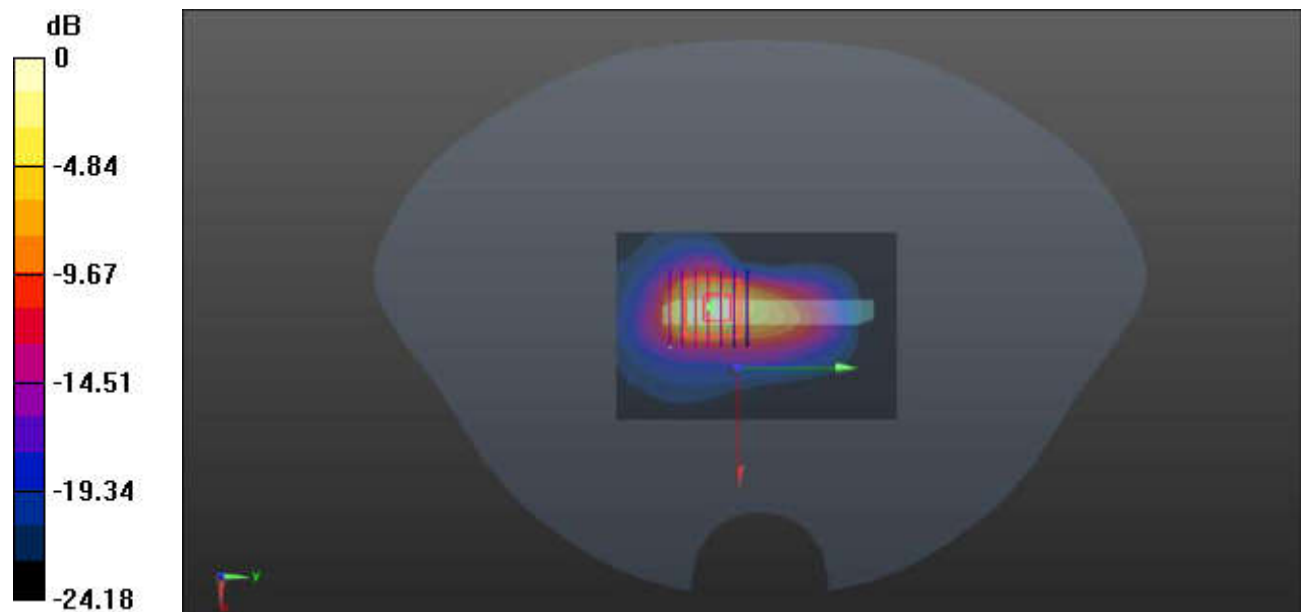
Ch519000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.84 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 6.63 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 8.45 W/kg



0 dB = 8.45 W/kg

Meas.56 Right Head with Tilt on 509202 Channel in N41 mode with Antenna 4

Date: 2023.09.13

Communication System Band: N41; Frequency: 2546.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2546.01$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 38.987$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch509202/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

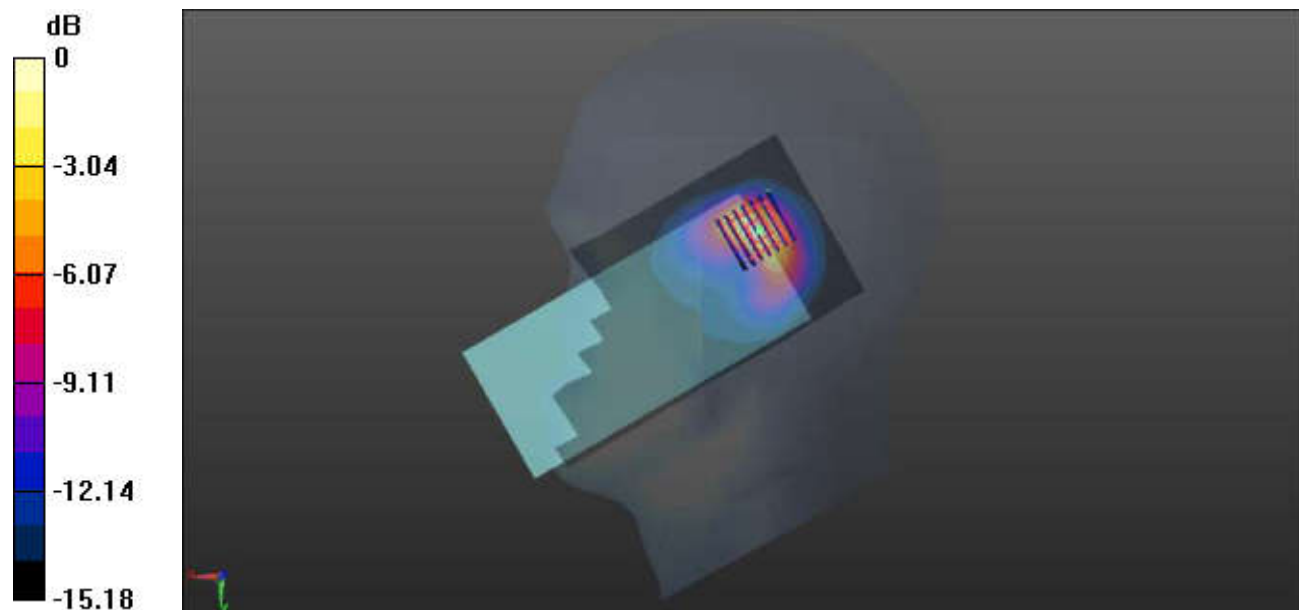
Ch509202/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.88 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 0.988 W/kg

Meas.57 Body Plane with Left Edge 10mm on 509202 Channel in N41 mode with Antenna2

Date: 2023.09.13

Communication System Band: N41; Frequency: 2546.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2546.01$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 38.987$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch509202/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.969 W/kg

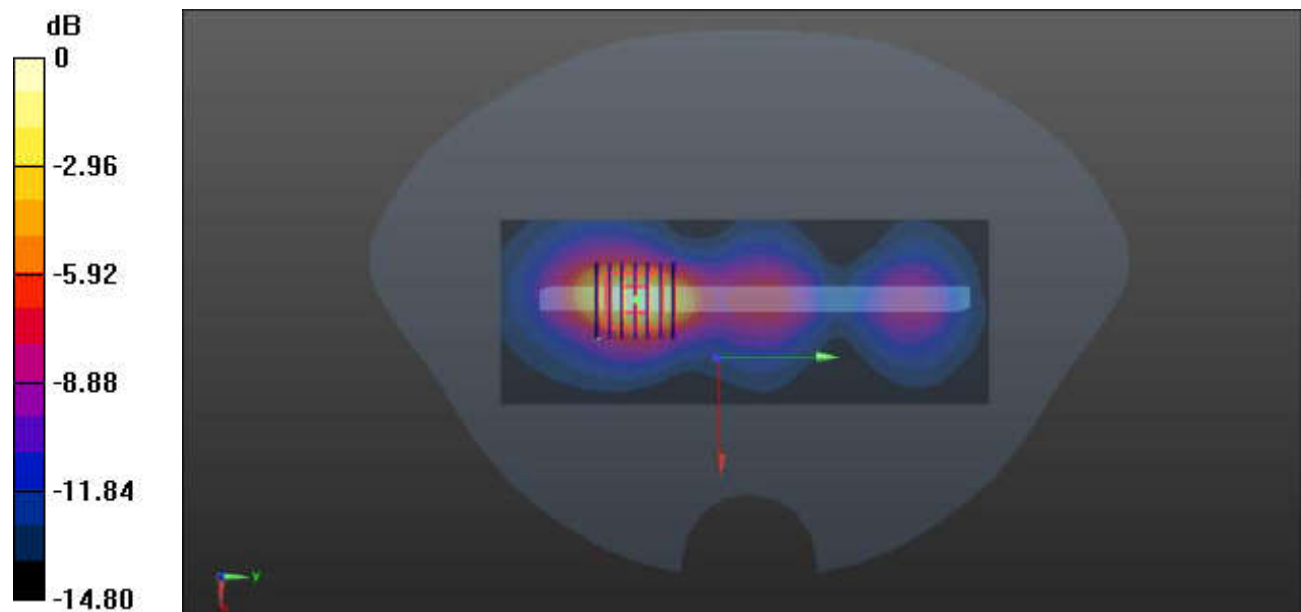
Ch509202/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.237 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 0.831 W/kg



0 dB = 0.831 W/kg

Meas.58 Body Plane with Left Edge 0mm on 518598 Channel in N41 mode with Antenna2

Date: 2023.09.13

Communication System Band: N41; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 38.569$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch509202/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 9.16 W/kg

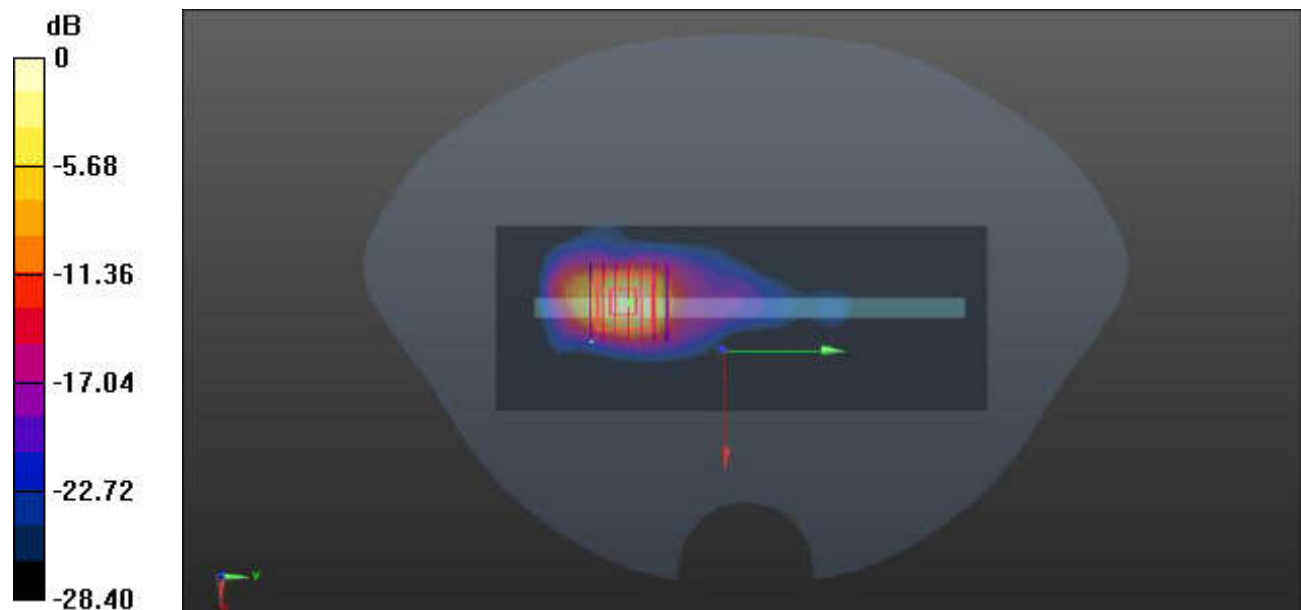
Ch509202/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.000 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 5.83 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 7.10 W/kg



0 dB = 7.10 W/kg

Meas.59 Left Head with Cheek on 633334 Channel in N77 mode with Antenna 5

Date: 2023.09.15

Communication System Band: N77; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.93$ S/m; $\epsilon_r = 38.115$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.860 W/kg

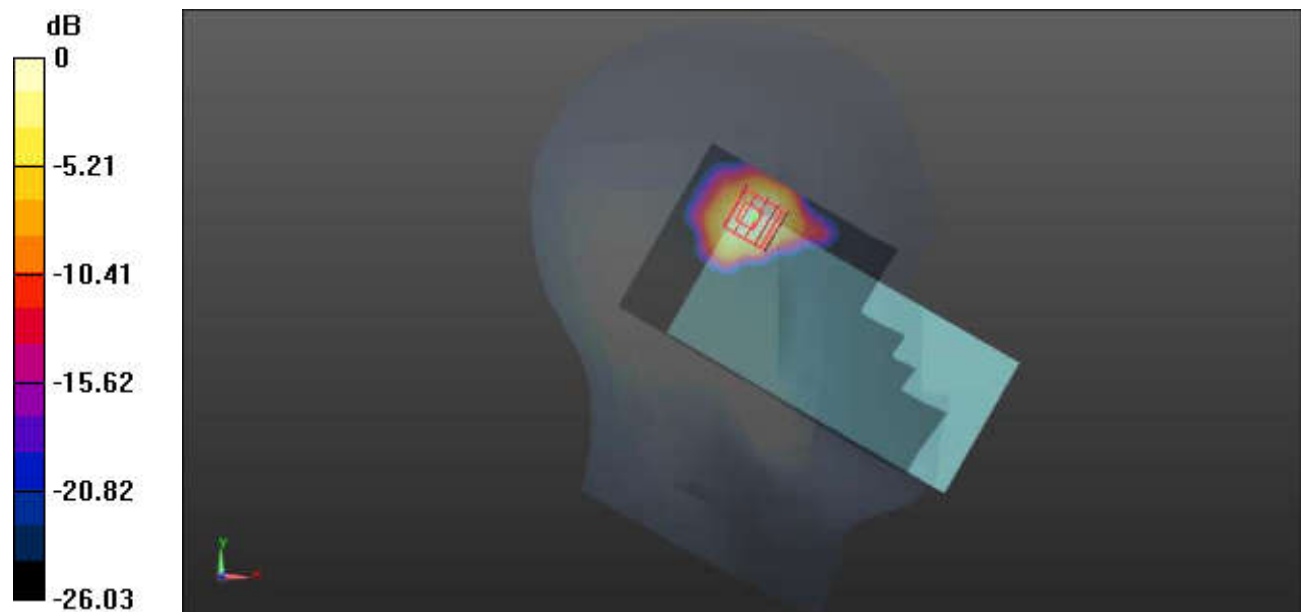
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 2.213 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg

Meas.60 Body Plane with Left Edge 10mm on 633334 Channel in N77 mode with Antenna 2

Date: 2023.09.15

Communication System Band: N77; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.93$ S/m; $\epsilon_r = 38.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (71x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.896 W/kg

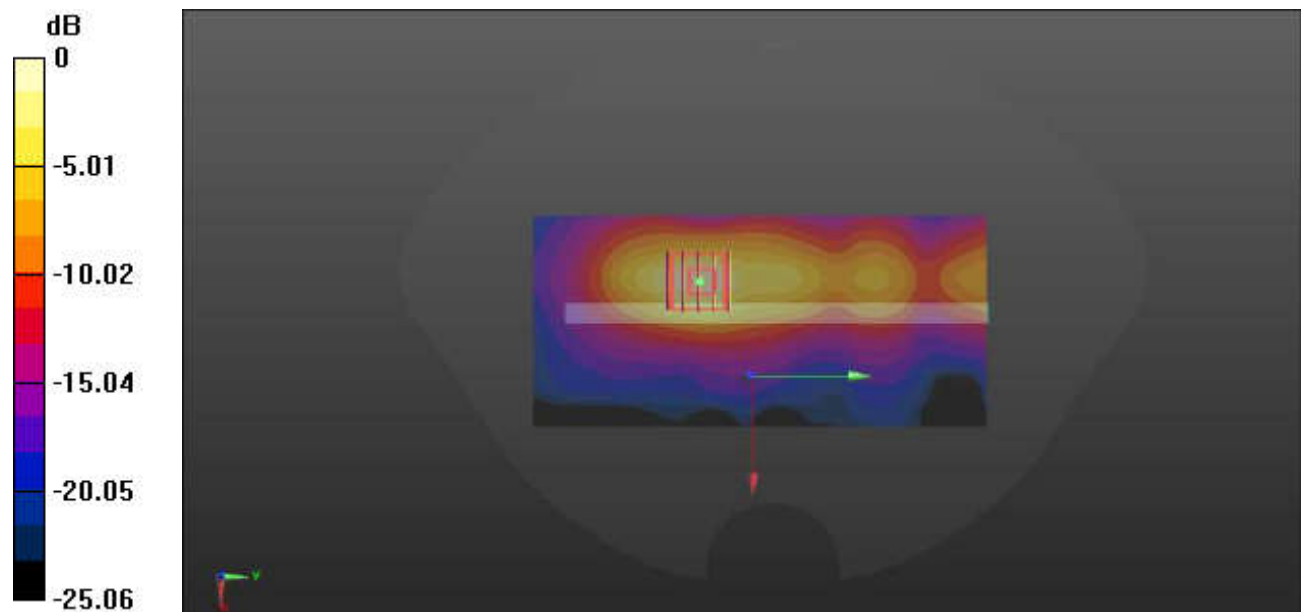
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 6.489 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 0.907 W/kg



0 dB = 0.907 W/kg

Meas.61 Body Plane with Right Edge 0mm on 633334 Channel in N77 mode with Antenna6

Date: 2023.09.15

Communication System Band: N77; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.93$ S/m; $\epsilon_r = 38.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 7.82 W/kg

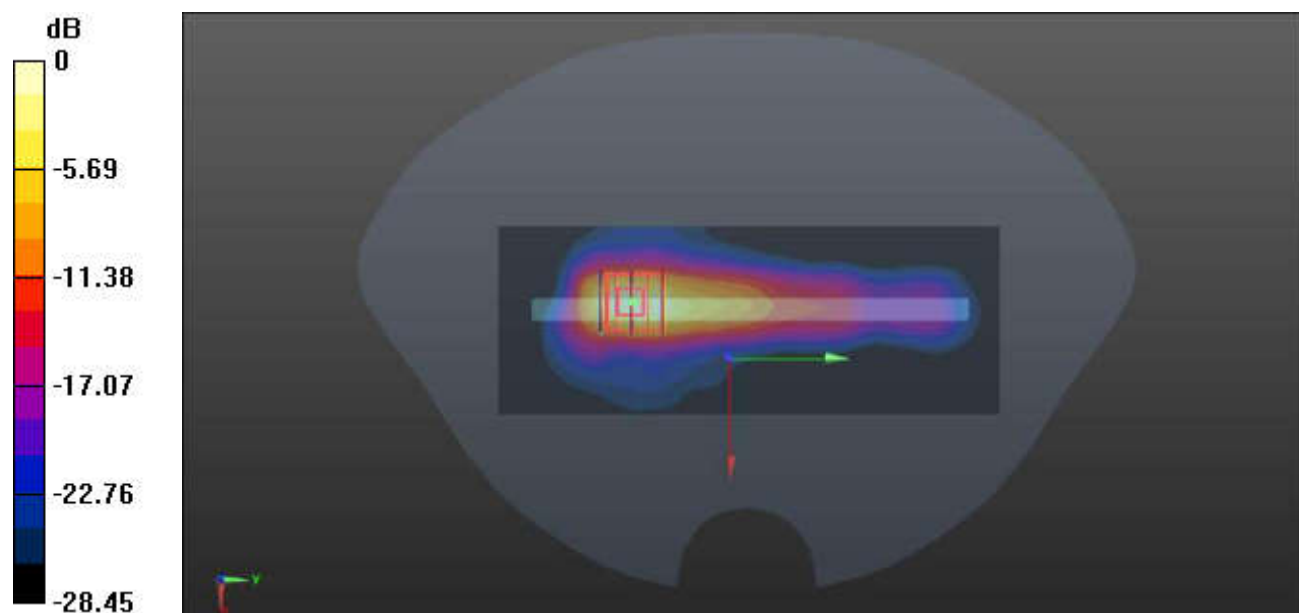
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 20.20 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 23.6 W/kg

SAR(1 g) = 6.28 W/kg; SAR(10 g) = 1.99 W/kg

Maximum value of SAR (measured) = 7.64 W/kg



0 dB = 7.64 W/kg

Meas.62 Left Head with Cheek on 650000 Channel in N77 mode with Antenna 6

Date: 2023.09.18

Communication System Band: N77; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.211$ S/m; $\epsilon_r = 37.383$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.5°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.57, 6.87, 6.75); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.848 W/kg

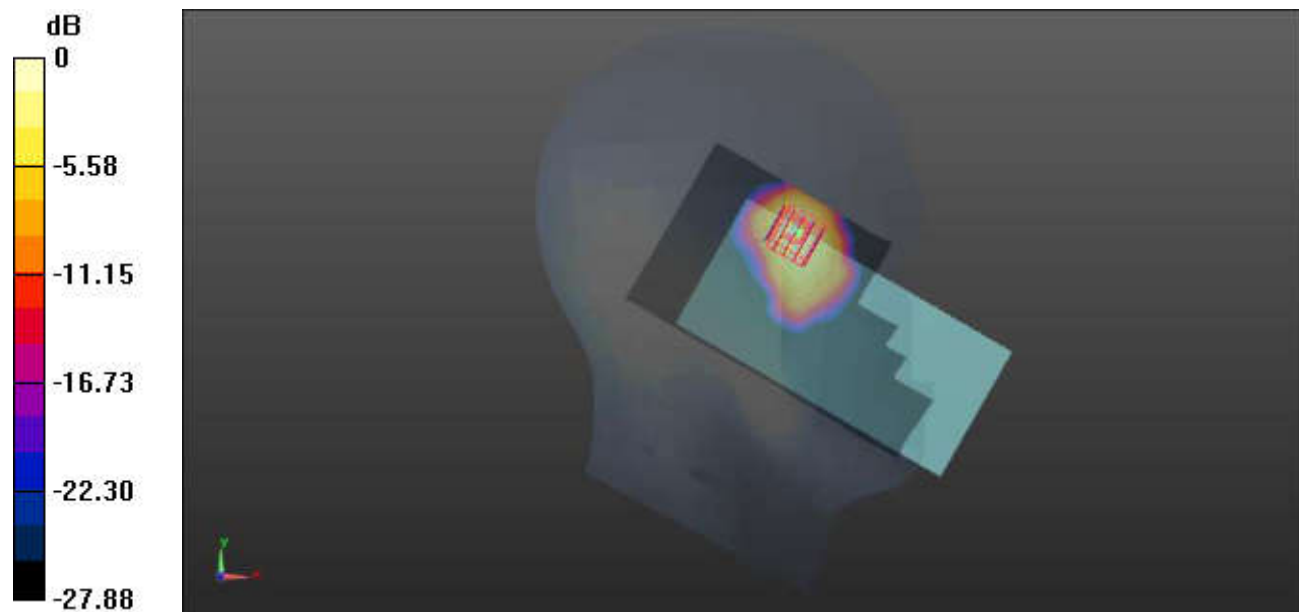
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 0 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.771 W/kg



0 dB = 0.771 W/kg

Meas.63 Body Plane with Left Edge 10mm on 662000 Channel in N77 mode with Antenna 2

Date: 2023.09.20

Communication System Band: n77; Frequency: 3930 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3930 \text{ MHz}$; $\sigma = 3.387 \text{ S/m}$; $\epsilon_r = 37.159$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.45, 6.76, 6.63); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch662000/Area Scan (71x151x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.962 W/kg

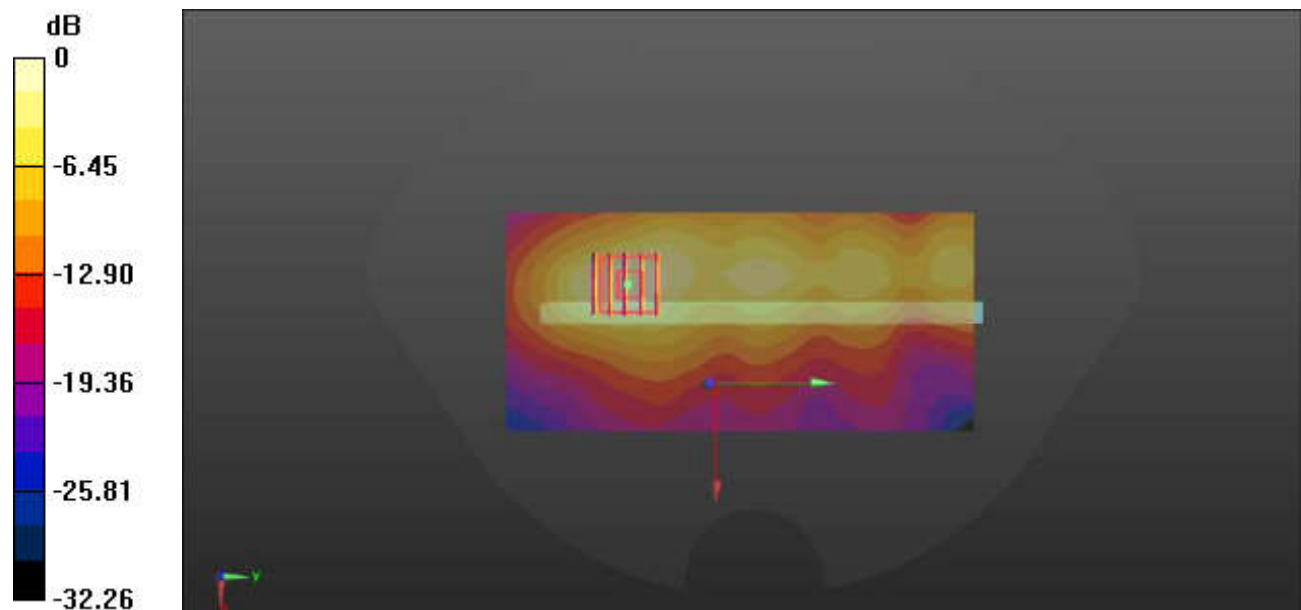
Ch662000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=6\text{mm}$, $dy=6\text{mm}$, $dz=4\text{mm}$

Reference Value = 8.297 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 0.979 W/kg



0 dB = 0.979 W/kg

Meas.64 Body Plane with Left Edge 0mm on 662000 Channel in N77 mode with Antenna3

Date: 2023.09.20

Communication System Band: n77; Frequency: 3930 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.387$ S/m; $\epsilon_r = 37.159$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.45, 6.76, 6.63); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch662000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.77 W/kg

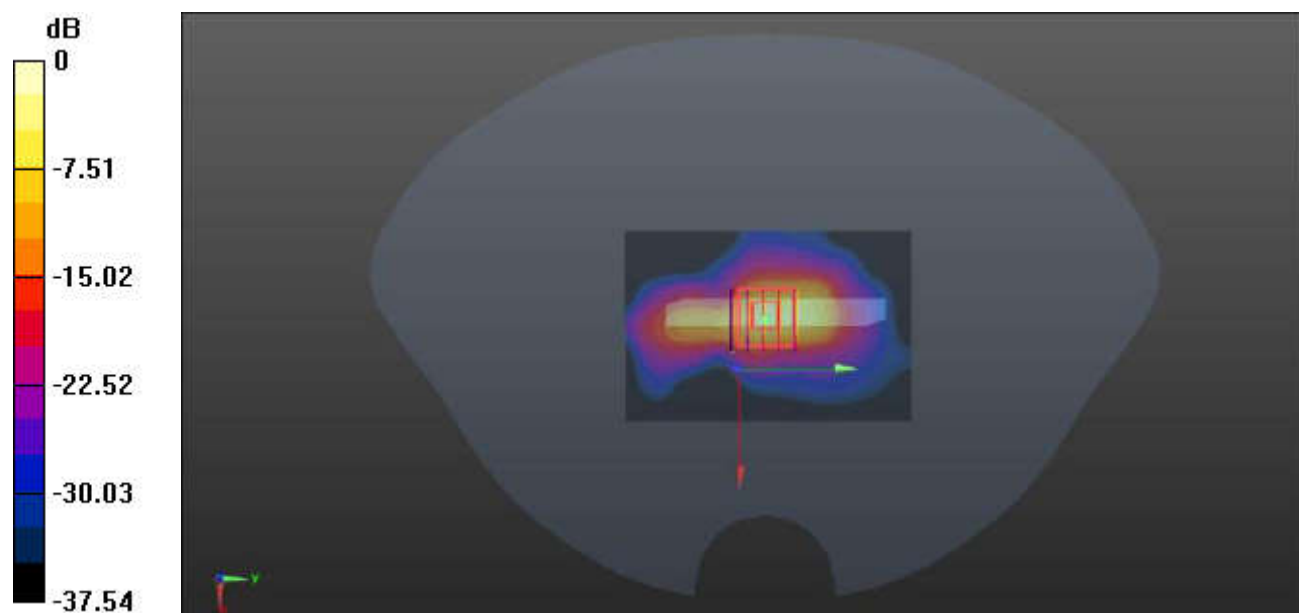
Ch662000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 65.54 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 41.1 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 1.85 W/kg

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg

Meas.65 Right Head with Cheek on 633334 Channel in N78 mode with Antenna 2

Date: 2023.09.16

Communication System Band: N78; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.895$ S/m; $\epsilon_r = 38.155$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.886 W/kg

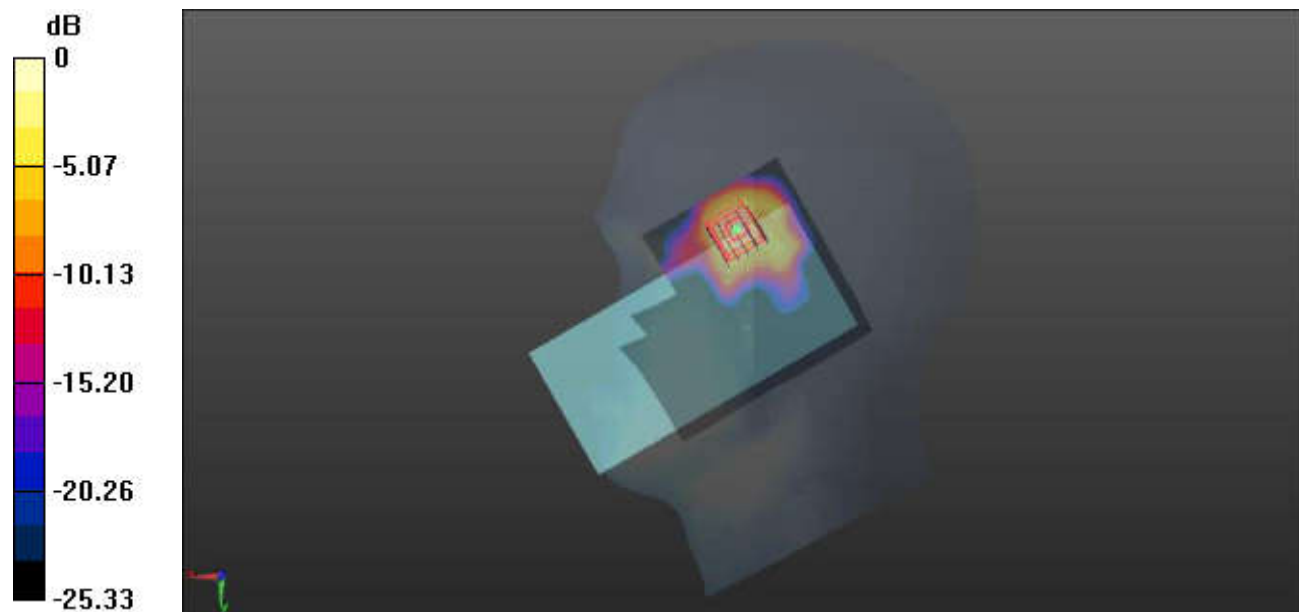
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 1.030 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933 W/kg

Meas.66 Body Plane with Left Edge 10mm on 633334 Channel in N78 mode with Antenna2

Date: 2023.09.16

Communication System Band: N78; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.895$ S/m; $\epsilon_r = 38.155$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

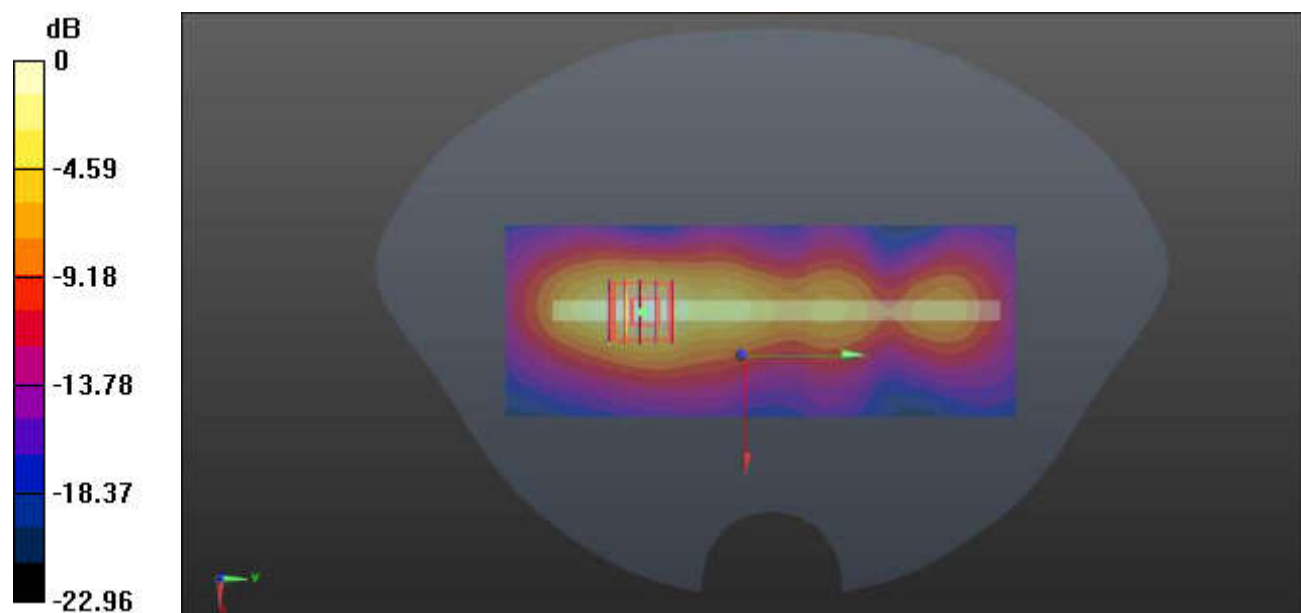
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 10.01 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

Meas.67 Body Plane with Left Edge 0mm on 633334 Channel in N78 mode with Antenna2

Date: 2023.09.16

Communication System Band: N78; Frequency: 3500.01 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.895$ S/m; $\epsilon_r = 38.155$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.7, 7.02, 6.89); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 7.78 W/kg

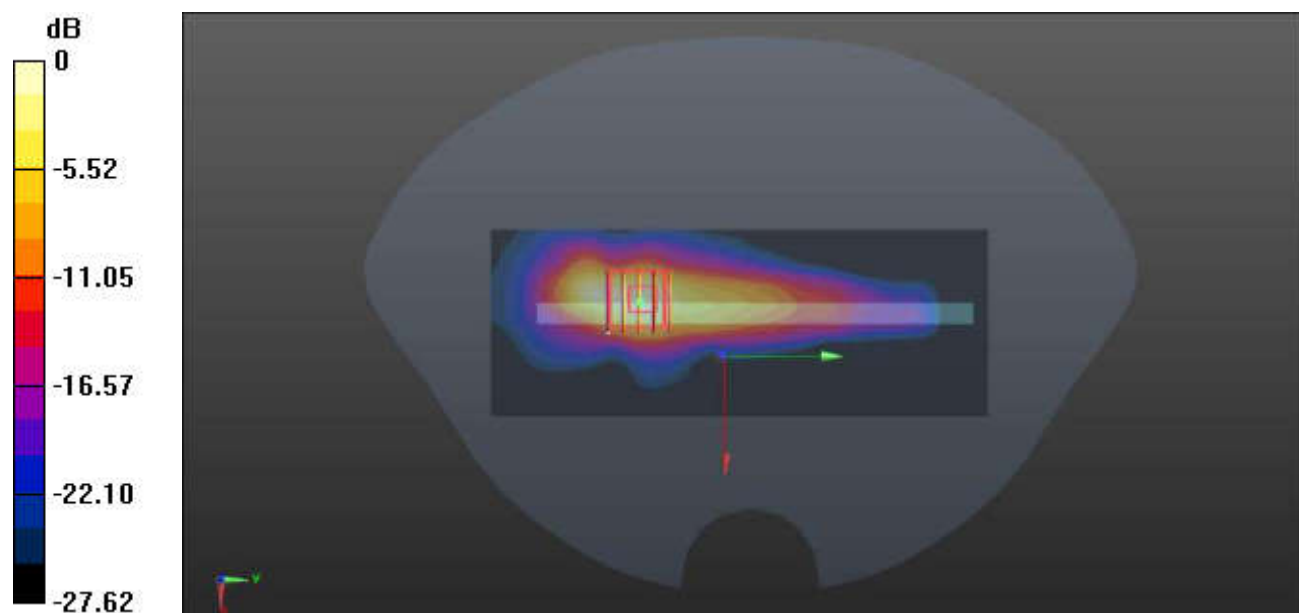
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 18.87 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 5.48 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 6.13 W/kg



0 dB = 6.13 W/kg

Meas.68 Right Head with Cheek on 650000 Channel in N78 mode with Antenna 2

Date: 2023.09.19

Communication System Band: N78; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.185$ S/m; $\epsilon_r = 37.459$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.57, 6.87, 6.75); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

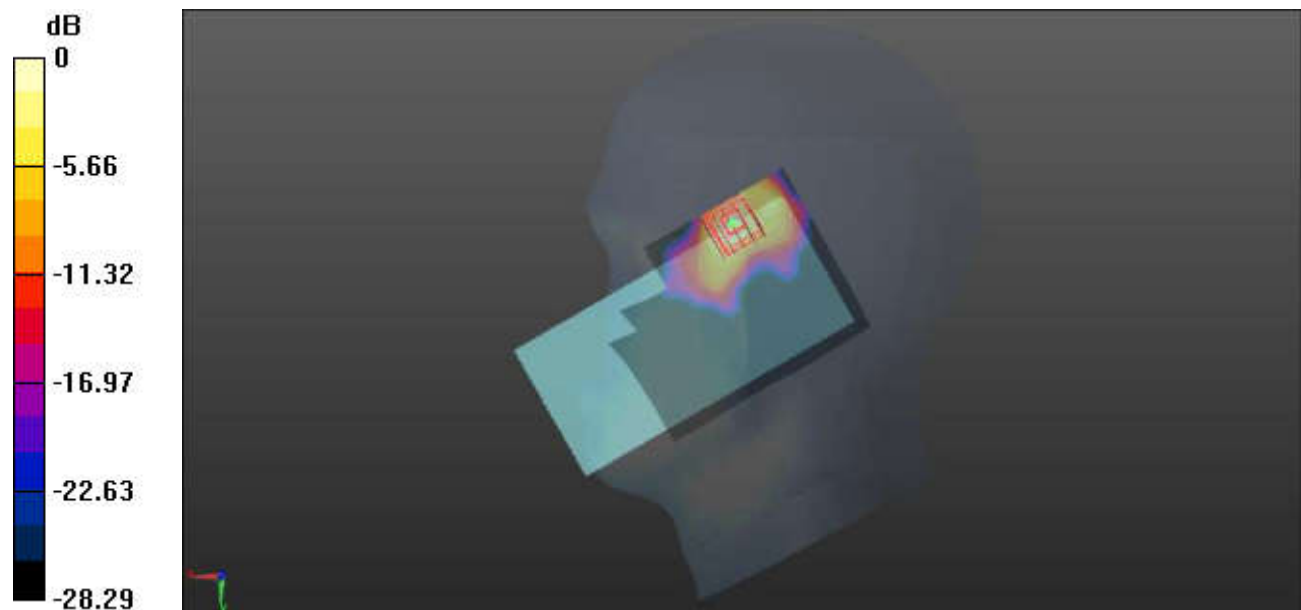
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 0.1500 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.385 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg

Meas.69 Body Plane with Left Edge 10mm on 650000 Channel in N78 mode with Antenna2

Date: 2023.09.19

Communication System Band: N78; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.185$ S/m; $\epsilon_r = 37.459$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.57, 6.87, 6.75); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.832 W/kg

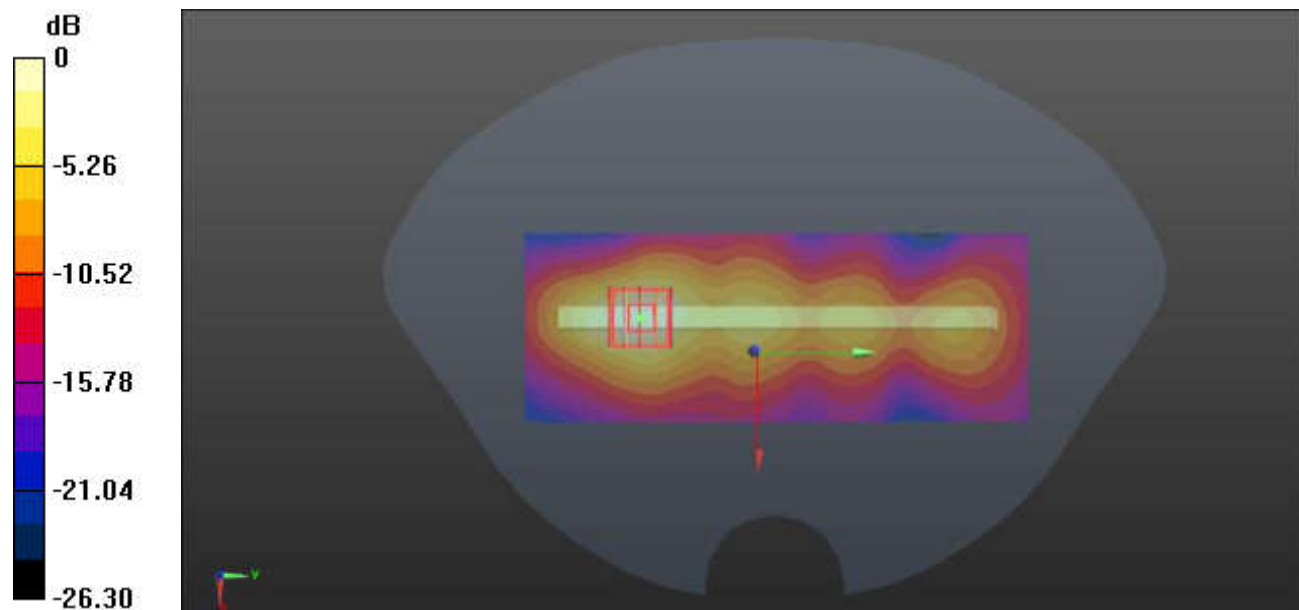
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 9.521 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.821 W/kg

Meas.70 Body Plane with Left Edge 0mm on 650000 Channel in N78 mode with Antenna2

Date: 2023.09.19

Communication System Band: N78; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.185$ S/m; $\epsilon_r = 37.459$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.57, 6.87, 6.75); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.86 W/kg

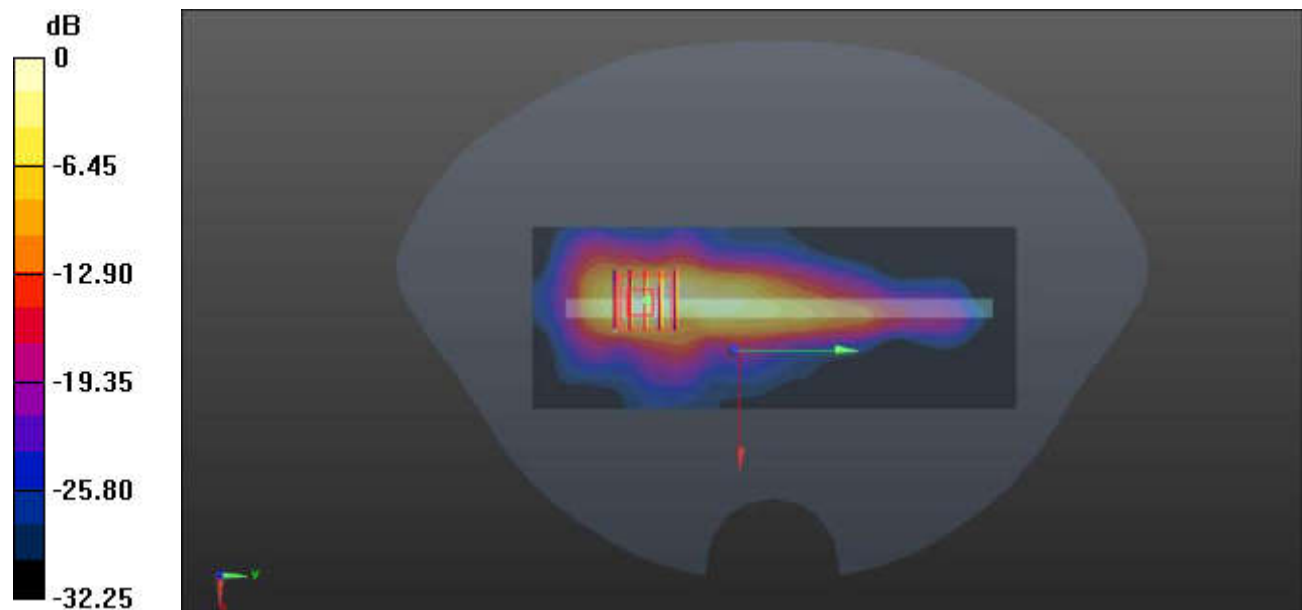
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 25.52 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 21.1 W/kg

SAR(1 g) = 5.92 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 7.11 W/kg



0 dB = 7.11 W/kg

Meas.71 Left Head with Cheek on 6 Channel in IEEE802.11b mode with Antenna 7

Date: 2023.08.30

Communication System Band: WLAN(b); Frequency: 2437 MHz; Duty Cycle: 1:1.004

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.785$ S/m; $\epsilon_r = 39.473$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.47, 7.76, 7.61); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.670 W/kg

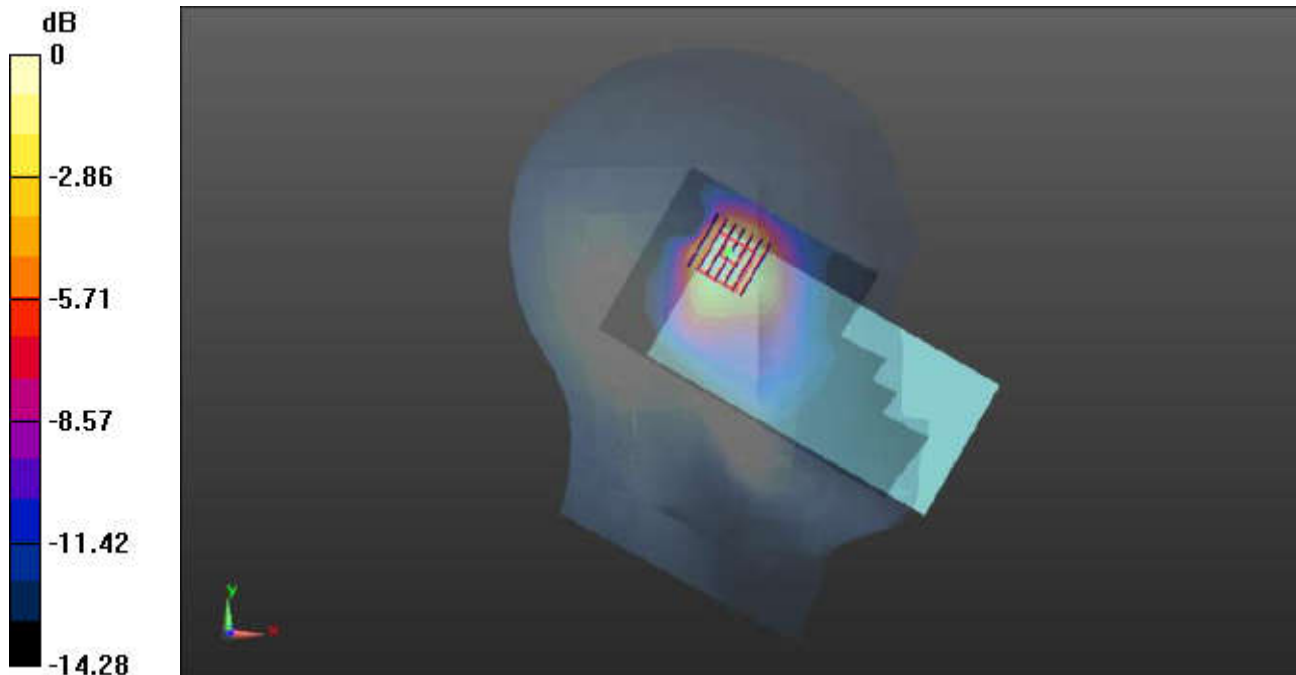
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.561 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.557 W/kg



0 dB = 0.557 W/kg

Meas.72 Body Plane with Top Edge 10mm on 6 Channel in IEEE802.11b mode with Antenna 7

Date: 2023.08.30

Communication System Band: WLAN(b); Frequency: 2437 MHz; Duty Cycle: 1:1.004

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.785$ S/m; $\epsilon_r = 39.473$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.47, 7.76, 7.61); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

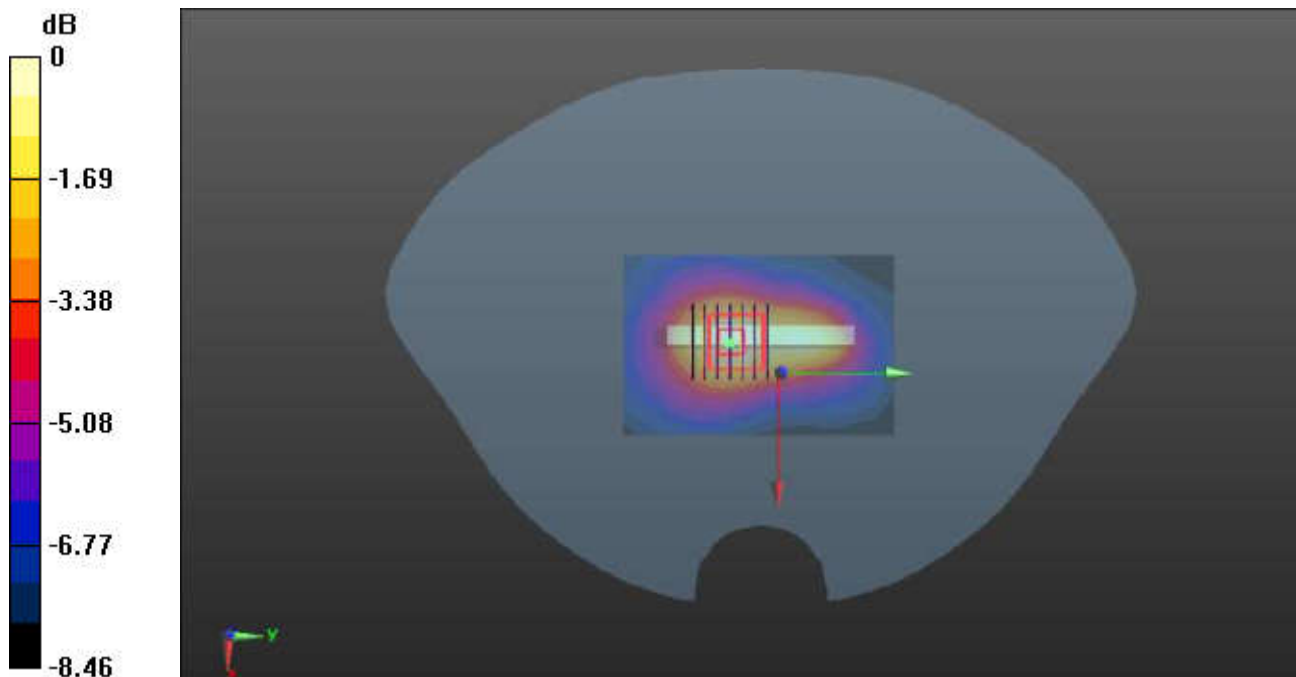
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.419 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg

Meas.73 Left Head with Cheek on 58 Channel in IEEE802.11ac80 mode with Antenna 7

Date: 2023.09.10

Communication System Band: WLAN(ac)80MHZ; Frequency: 5290 MHz; Duty Cycle: 1:1.134

Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.789$ S/m; $\epsilon_r = 35.381$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.41, 5.73, 5.58); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch58/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.406 W/kg

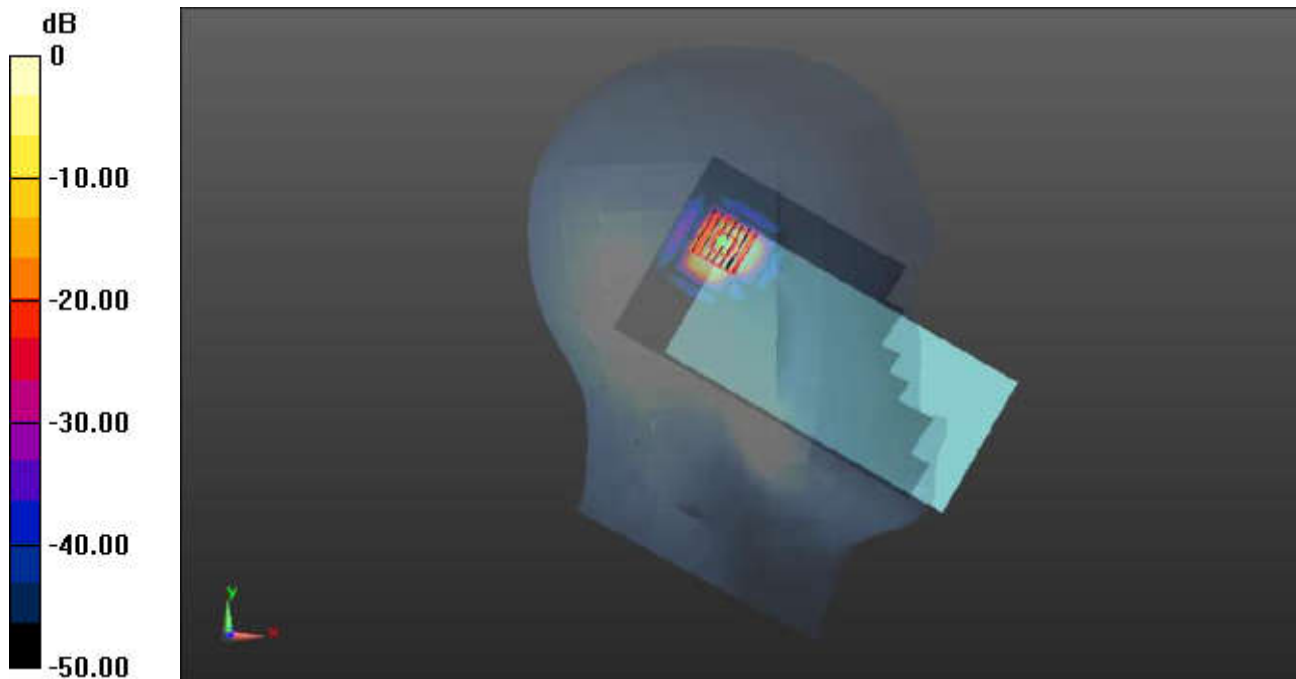
Ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg

Meas.74 Left Head with Cheek on 122 Channel in IEEE802.11ac80 mode with Antenna 7

Date: 2023.09.10

Communication System Band: WLAN(ac)80MHZ; Frequency: 5610 MHz;Duty Cycle: 1:1.134

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.067$ S/m; $\epsilon_r = 35.223$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.6°C Liquid Temperature:21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.58, 4.95, 4.75); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch122/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.428 W/kg

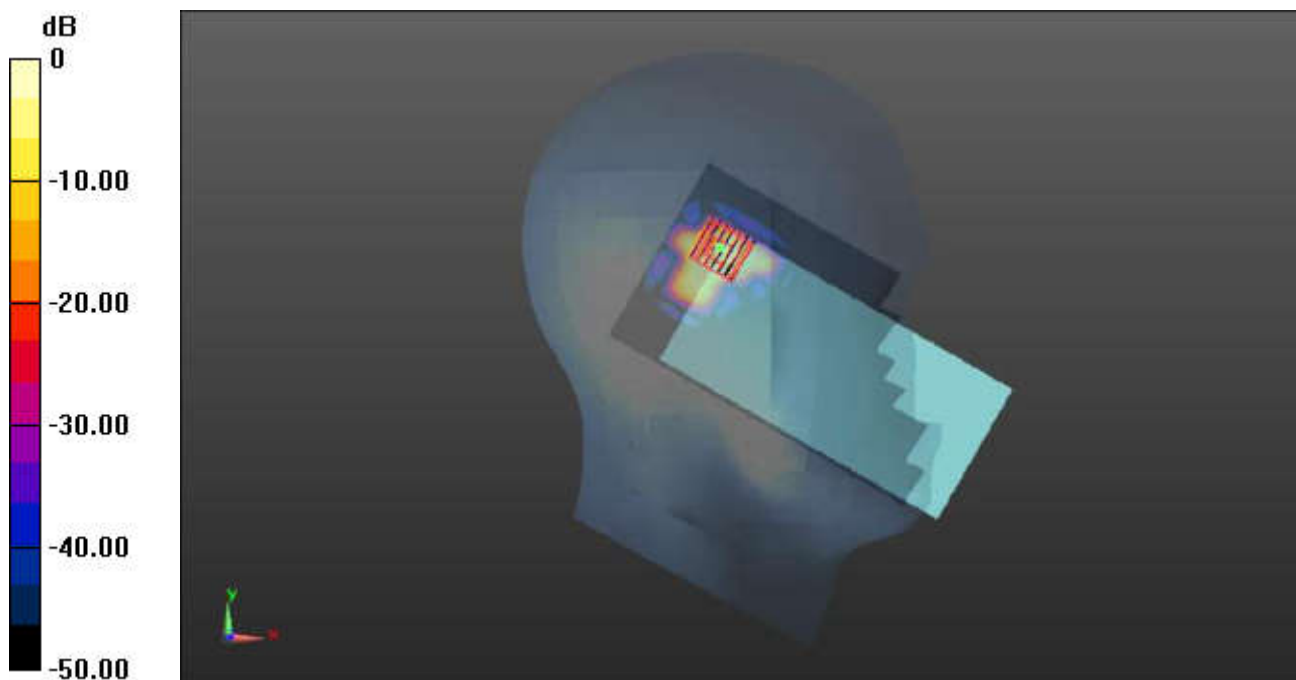
Ch122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg

Meas.75 Left Head with Tilt on 155 Channel in IEEE802.11ac80 mode with Antenna 7

Date: 2023.09.11

Communication System Band: WLAN(ac)80MHZ; Frequency: 5775 MHz;Duty Cycle: 1:1.134

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 35.135$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.8 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.78, 5.08, 4.93); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.335 W/kg

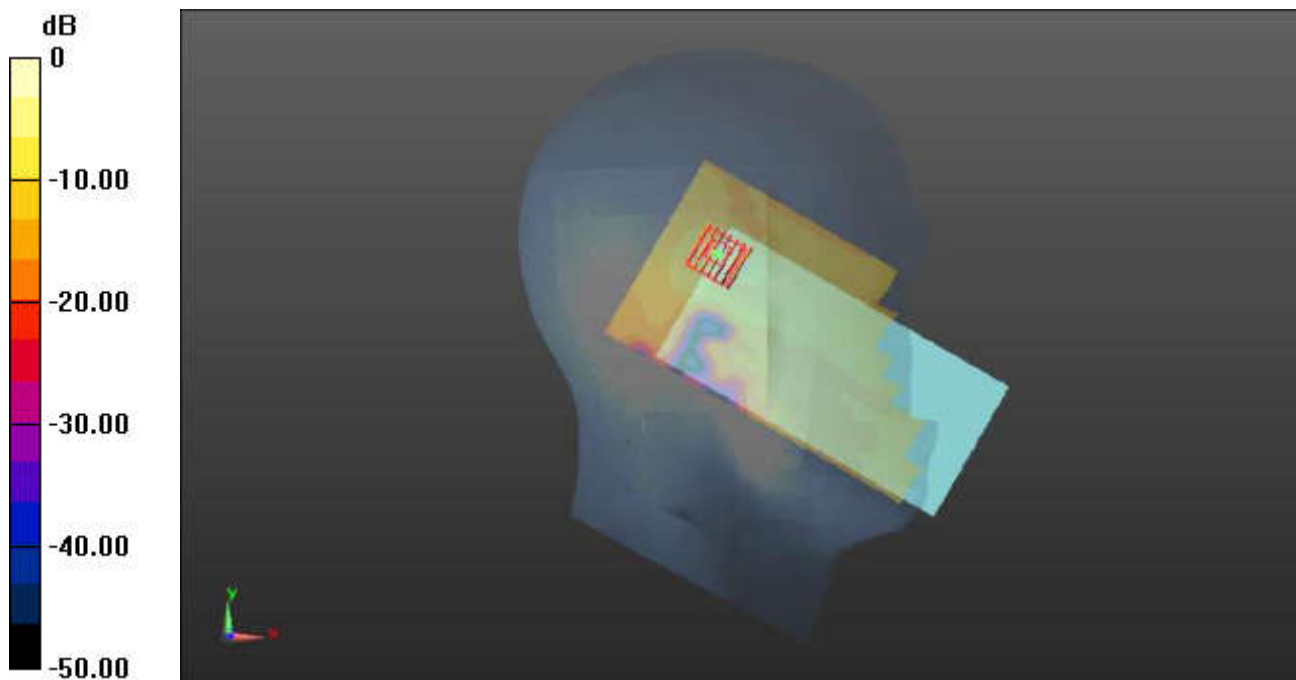
Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.635 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg

Meas.76 Body Plane with Back Side 10mm on 64 Channel in IEEE802.11a mode with Antenna 7

Date: 2023.09.10

Communication System Band: WLAN(a); Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 4.827$ S/m; $\epsilon_r = 35.131$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.41, 5.73, 5.58); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch64/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.417 W/kg

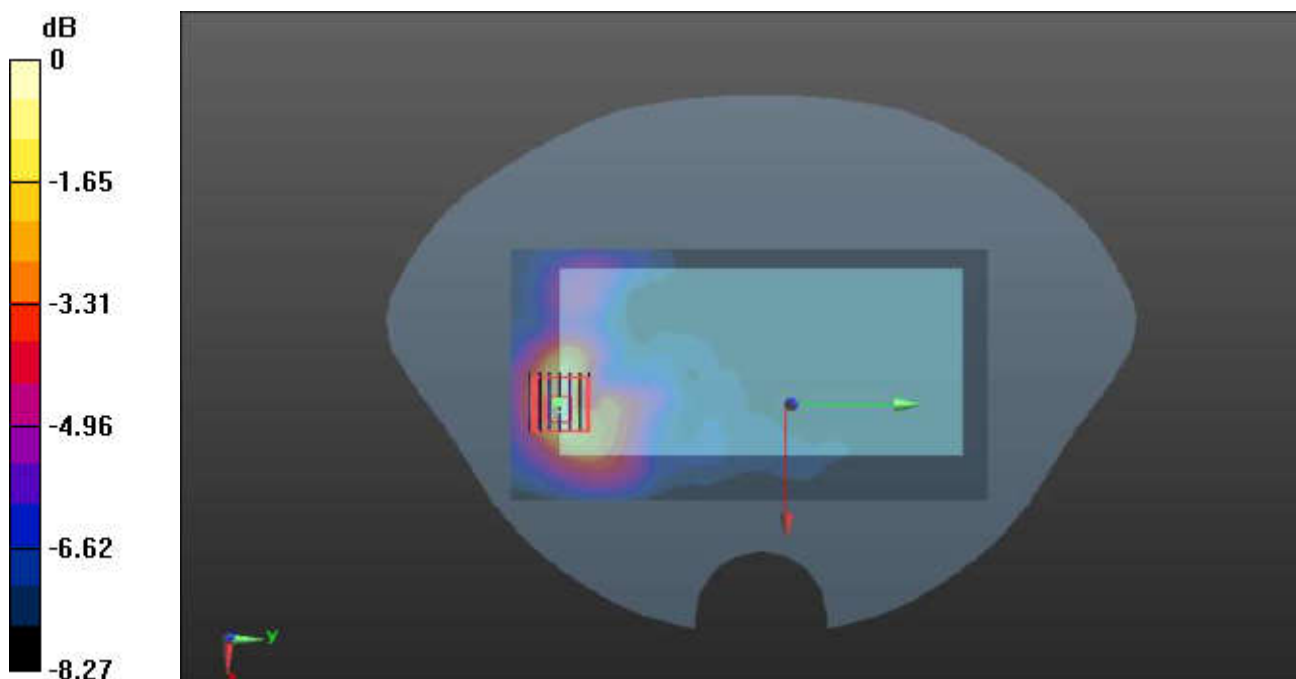
Ch64/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.167 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.848 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.432 W/kg



0 dB = 0.432 W/kg

Meas.77 Body Plane with Back Side 10mm on 116 Channel in IEEE802.11a mode with Antenna 7

Date: 2023.09.10

Communication System Band: WLAN(a); Frequency: 5580 MHz; Duty Cycle: 1:1.029

Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 4.994$ S/m; $\epsilon_r = 35.849$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.58, 4.95, 4.75); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch116/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.377 W/kg

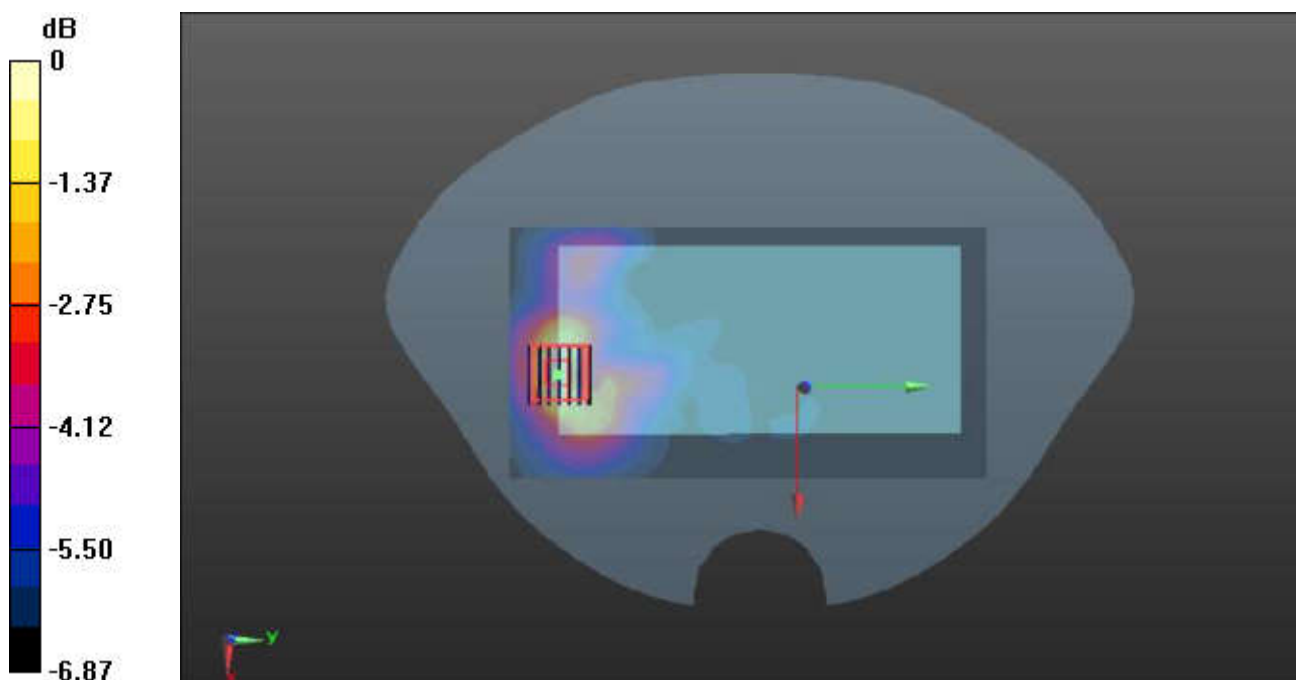
Ch116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.876 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg

Meas.78 Body Plane with Back Side 10mm on 155 Channel in IEEE802.11ac80 mode with Antenna 7

Date: 2023.09.11

Communication System Band: WLAN(ac)80MHZ; Frequency: 5775 MHz;Duty Cycle: 1:1.134

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 35.135$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8°C Liquid Temperature:21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.78, 5.08, 4.93); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.203 W/kg

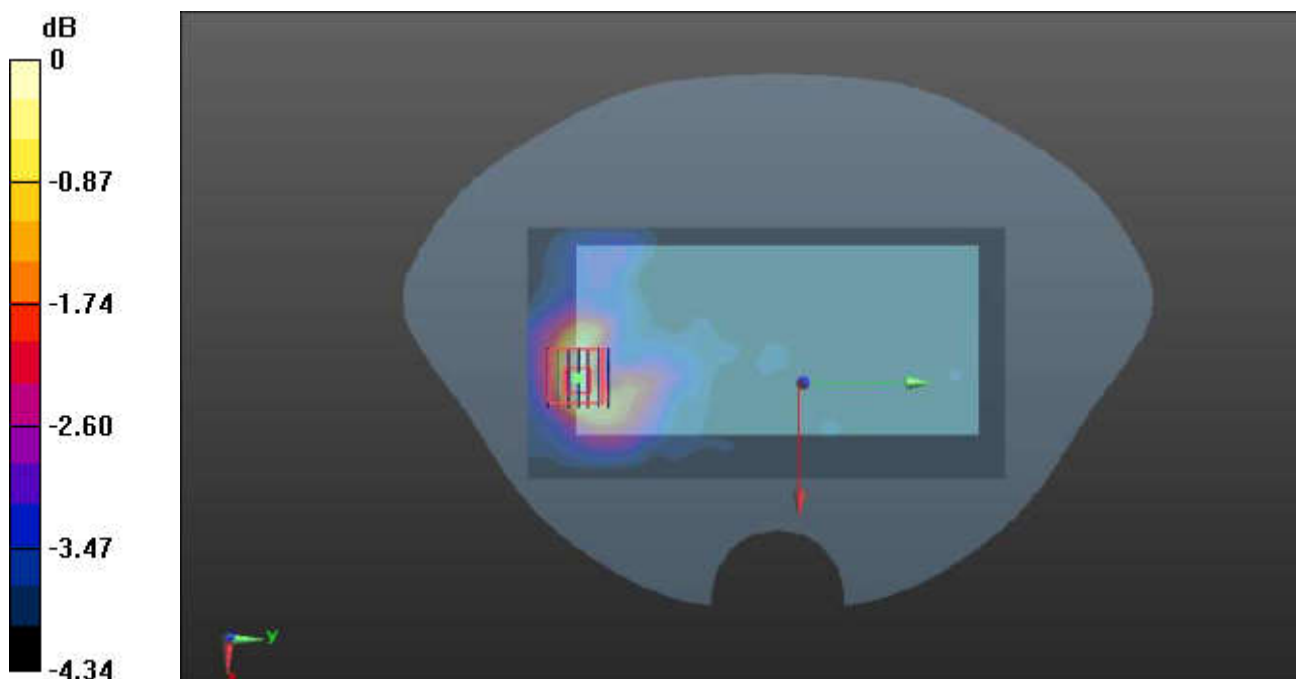
Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.512 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg

Meas.79 Body Plane with Top Edge 10mm on 48 Channel in IEEE802.11a mode with Antenna 7

Date: 2023.09.10

Communication System Band: WLAN(a); Frequency: 5240 MHz; Duty Cycle: 1:1.029

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.673$ S/m; $\epsilon_r = 35.945$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.41, 5.73, 5.58); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.502 W/kg

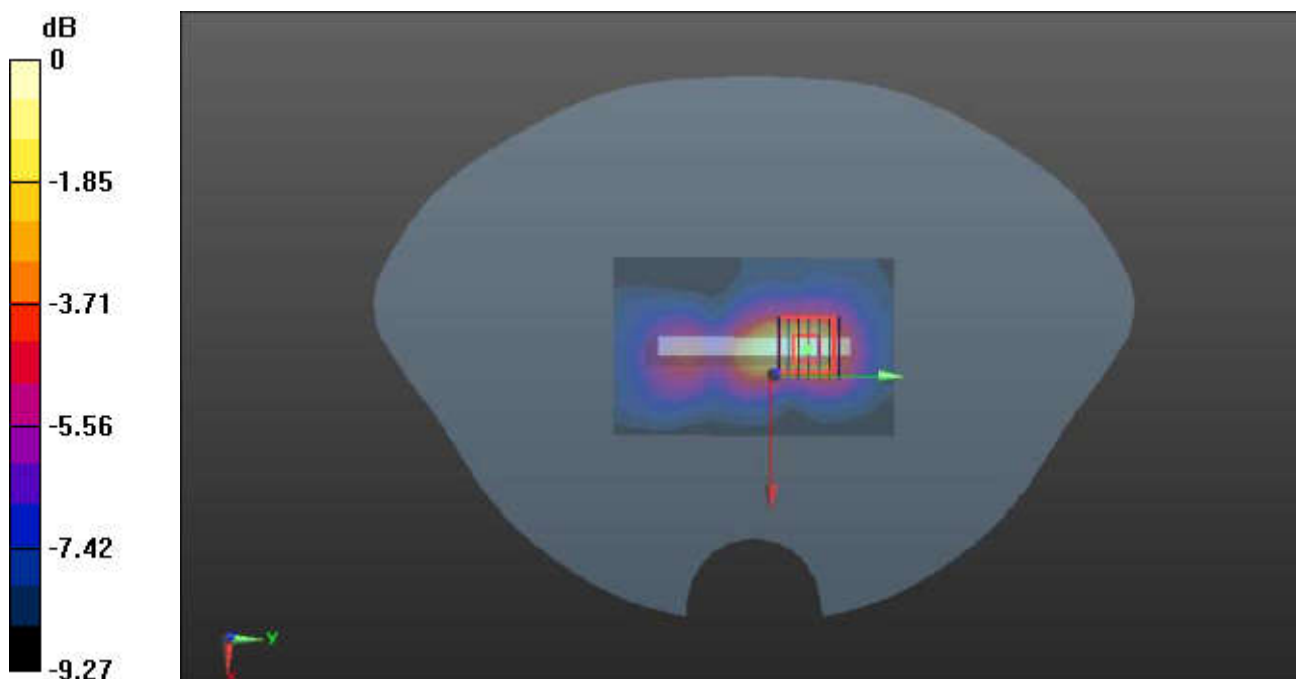
Ch48/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.818 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.881 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.497 W/kg

Meas.80 Body Plane with Top Edge 10mm on 155 Channel in IEEE802.11ac80 mode with Antenna 7

Date: 2023.09.11

Communication System Band: WLAN(ac)80MHZ; Frequency: 5775 MHz; Duty Cycle: 1:1.134

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 35.135$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.78, 5.08, 4.93); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.237 W/kg

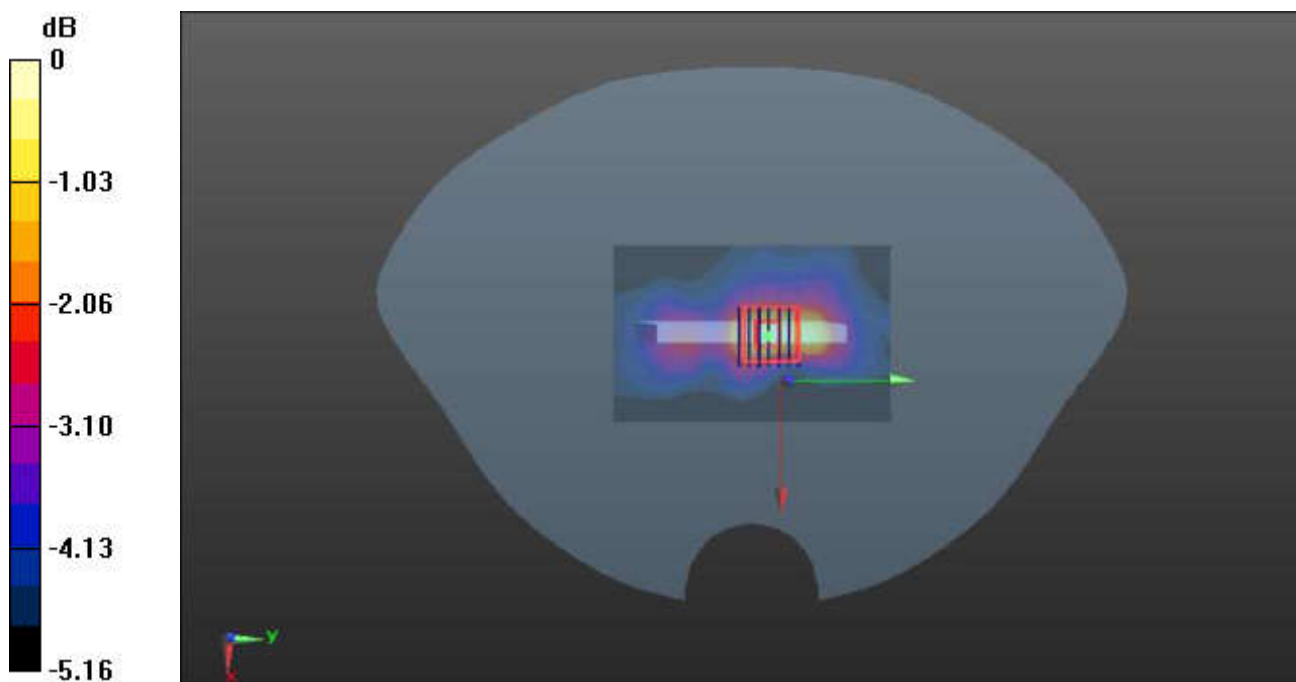
Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.291 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg

Meas.81 Body Plane with Top Edge 0mm on 64 Channel in IEEE802.11a mode with Antenna 7

Date: 2023.09.10

Communication System Band: WLAN(a); Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 4.827$ S/m; $\epsilon_r = 35.131$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.41, 5.73, 5.58); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch64/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.96 W/kg

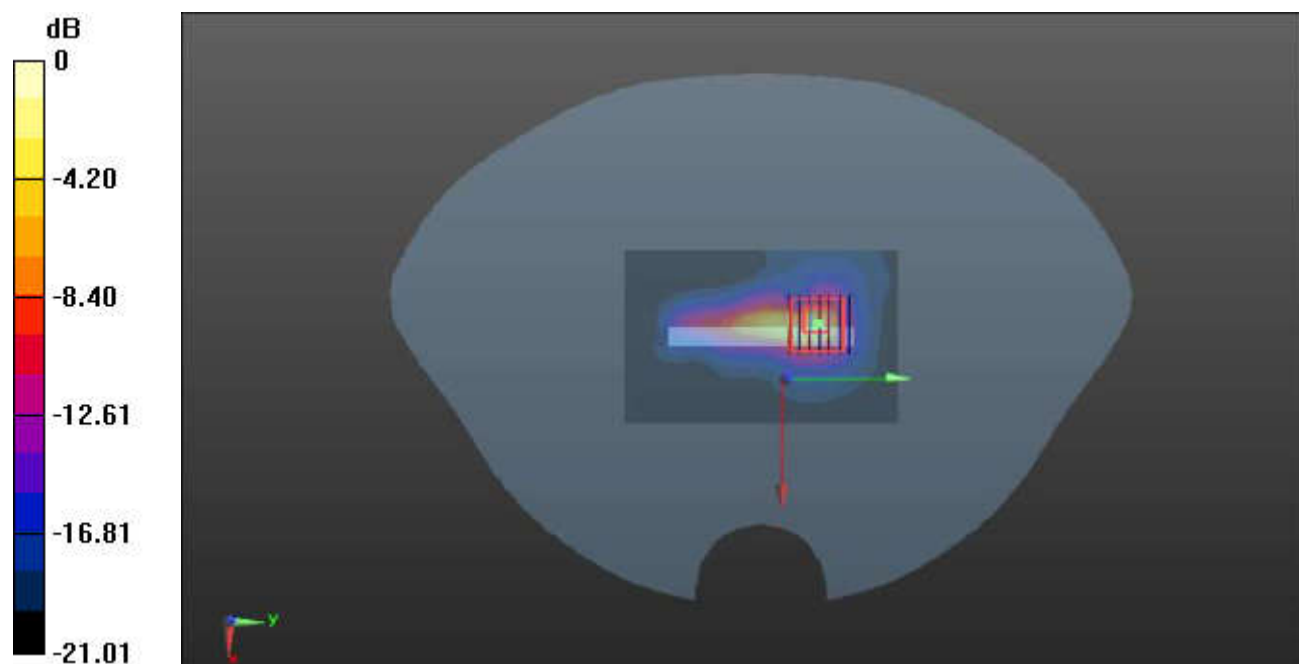
Ch64/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.174 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 2.7 W/kg; SAR(10 g) = 0.591 W/kg

Maximum value of SAR (measured) = 6.18 W/kg



0 dB = 6.18 W/kg

Meas.82 Body Plane with Top Edge 0mm on 116 Channel in IEEE802.11a mode with Antenna 7

Date: 2023.09.10

Communication System Band: WLAN(a); Frequency: 5580 MHz; Duty Cycle: 1:1.029

Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 4.994$ S/m; $\epsilon_r = 35.849$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.58, 4.95, 4.75); Calibrated: 2023.07.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch116/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.28 W/kg

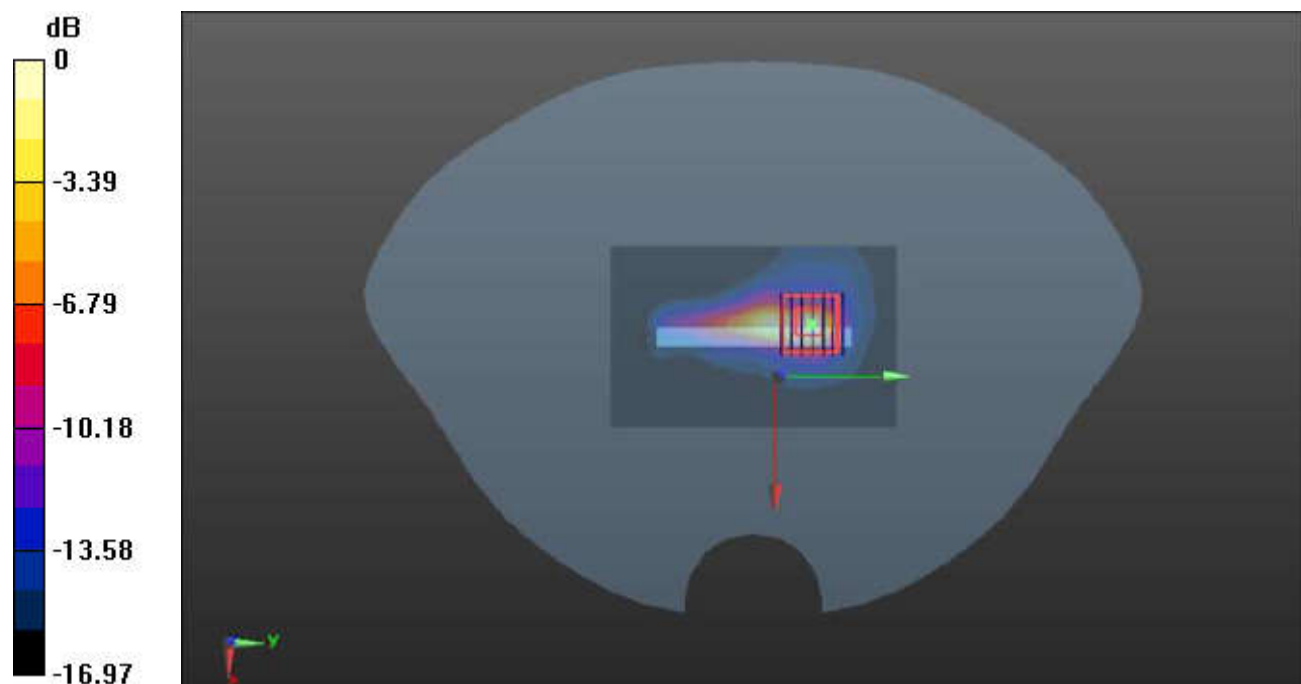
Ch116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.310 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.89 W/kg

SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg

Meas.83 Left Head with Cheek on 78 Channel in Bluetooth mode with Antenna 7

Date: 2023.08.30

Communication System Band: BT; Frequency: 2480 MHz; Duty Cycle: 1:1.304

Medium parameters used (interpolated): $f = 2480$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 39.194$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.47, 7.76, 7.61); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.277 W/kg

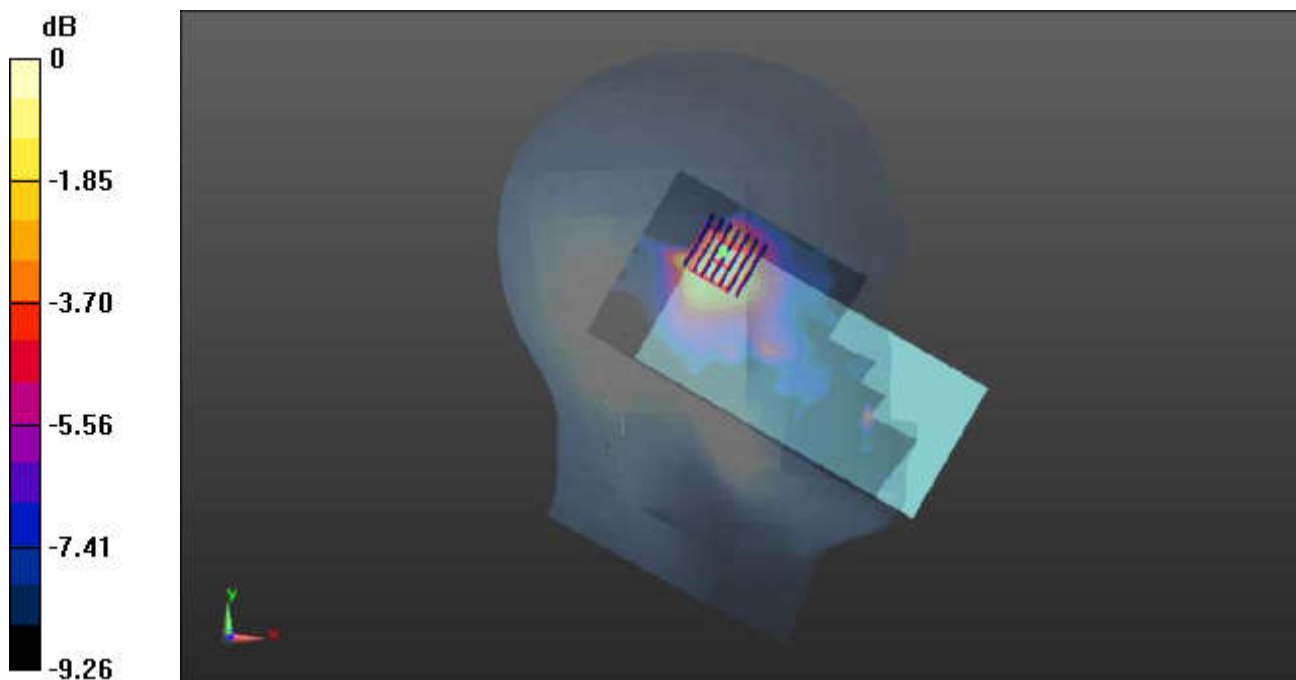
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.887 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg

Meas.84 Body Plane with Top Edge 10mm on 78 Channel in Bluetooth mode with Antenna 7

Date: 2023.08.30

Communication System Band: BT; Frequency: 2480 MHz; Duty Cycle: 1:1.304

Medium parameters used (interpolated): $f = 2480$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 39.194$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C Liquid Temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.47, 7.76, 7.61); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0548 W/kg

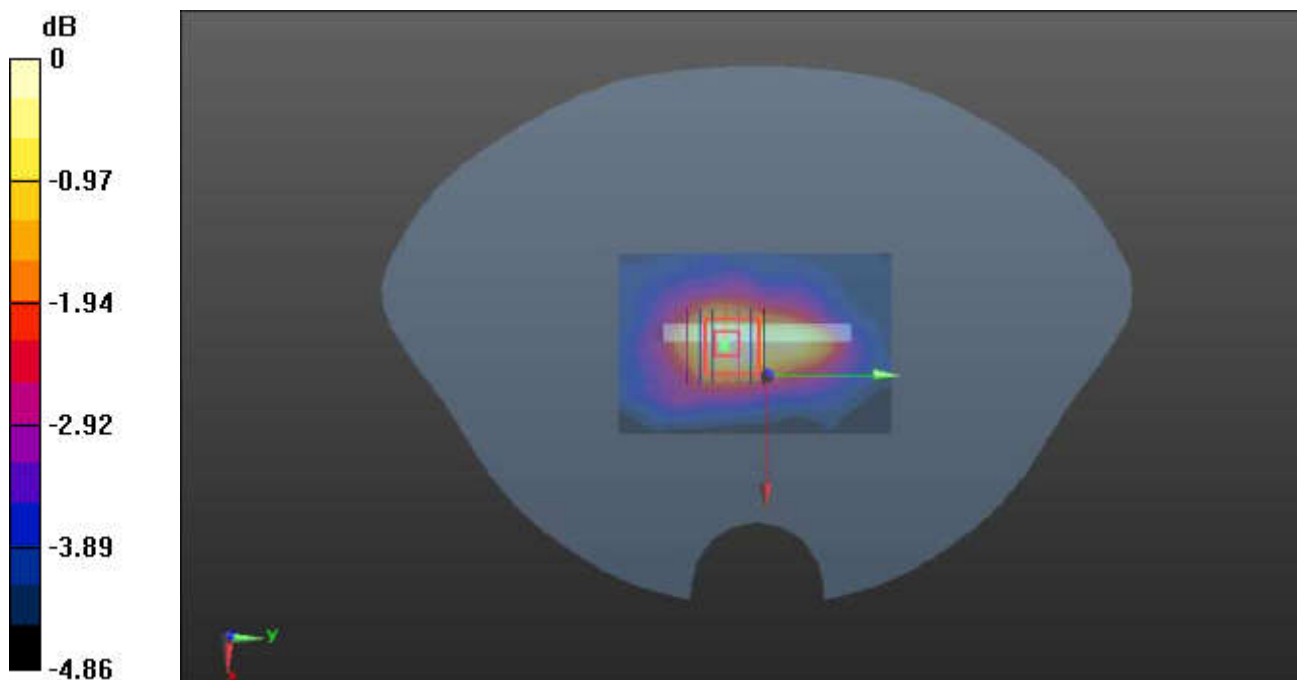
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.788 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0540 W/kg



0 dB = 0.0540 W/kg

Meas.85 Right Head with Tilt on 507000 Channel in N7 mode with Antenna 4

Date: 2023.08.31

Communication System Band: N7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 38.966$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch507000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

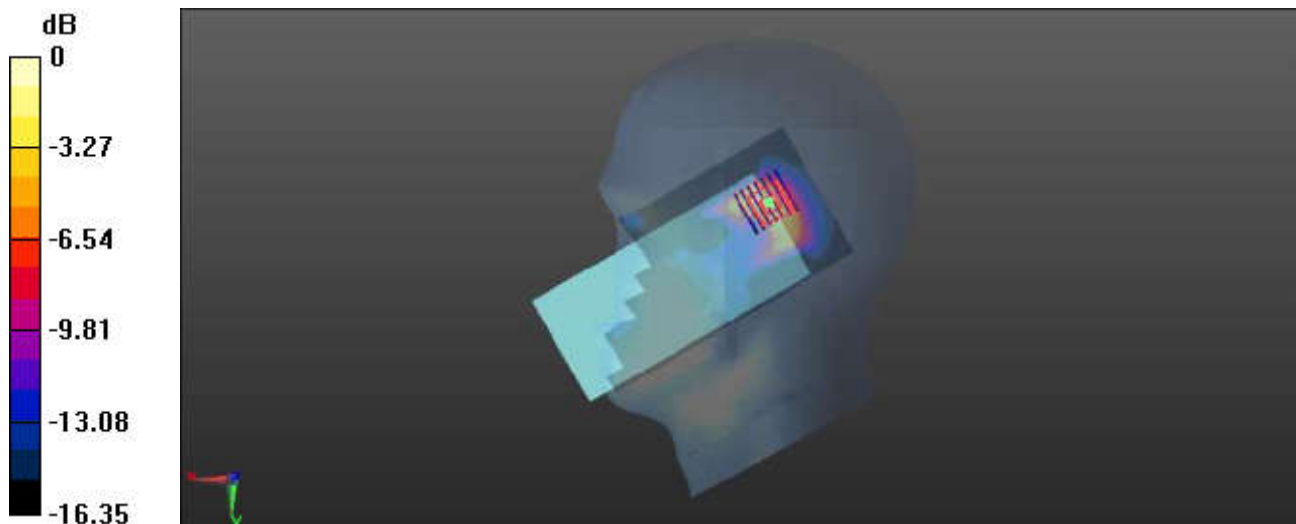
Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.57 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

Meas.86 Body Plane with Bottom Edge 10mm on Low Channel in WCDMA Band4 mode with Antenna 1

Date: 2023.08.25

Communication System Band: Band 4; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.52, 8.91, 8.76); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.853 W/kg

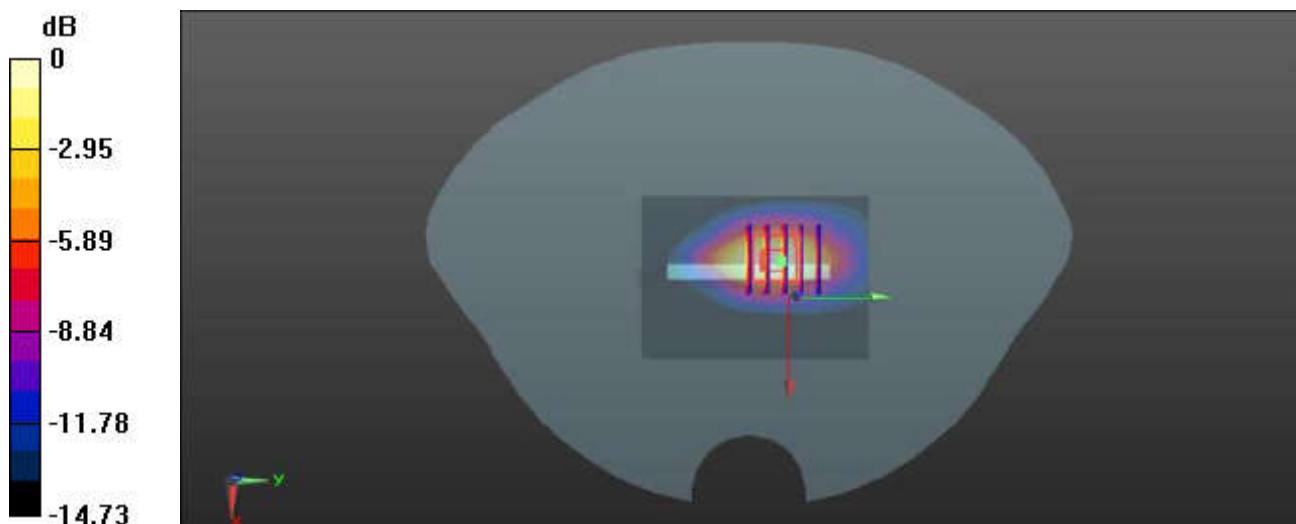
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.16 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.394 W/kg

Maximum value of SAR (measured) = 0.809 W/kg



0 dB = 0.809 W/kg

Meas.87 Body Plane with Top Edge 0mm on 519000 Channel in N38 mode with Antenna 4

Date: 2023.09.12

Communication System Band: N38; Frequency: 2595 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 38.444$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C Liquid Temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.41, 7.73, 7.59); Calibrated: 2023.07.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2023.03.23
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch519000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 7.31 W/kg

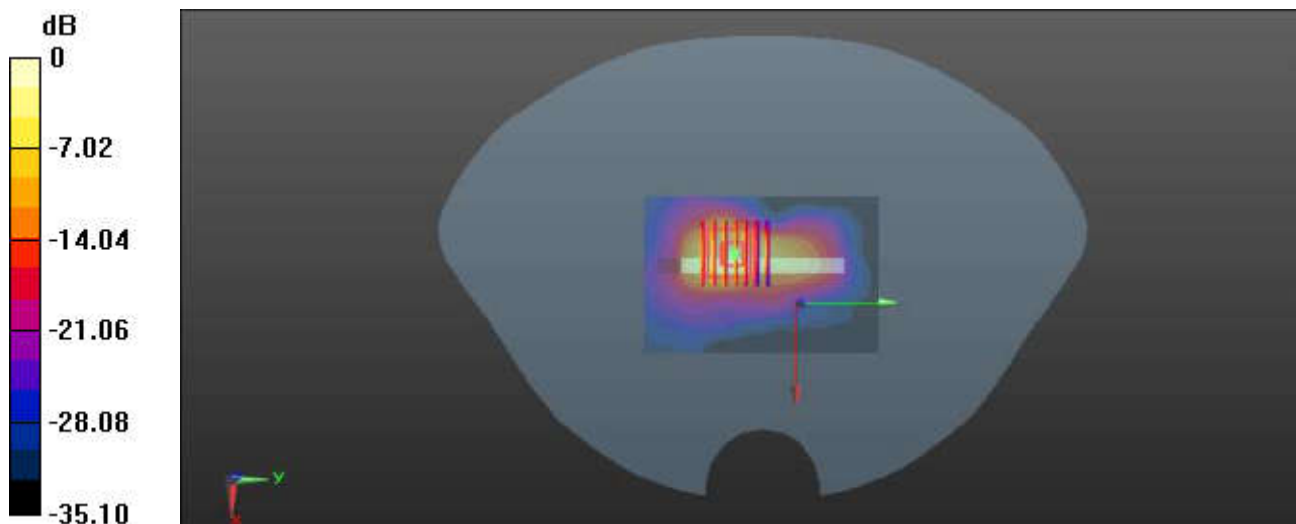
Ch519000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.39 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 5.6 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 7.14 W/kg



0 dB = 7.14 W/kg

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ238575-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “BLSZ2380575-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “BL-SZ2380575-AC.pdf”.

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