

TEST REPORT

Applicant: vivo Mobile Communication Co., Ltd.
Address: No.1, vivo Road, Chang'an, Dongguan, Guangdong, China
Equipment Type: Mobile Phone
Model Name: V2434
Brand Name: vivo
FCC ID: 2AUCY-V2434
Test Standard: FCC 47 CFR Part 2.1093
(refer to section 3.1)
Maximum SAR: Head (1 g@0mm): 0.94 W/kg
Body-worn (1 g@15mm): 0.45 W/kg
Hotspot (1 g@10mm): 0.74 W/kg
Specific (10 g@0mm): 2.75 W/kg
Sample Arrival Date: Dec. 30, 2024
Test Date: Dec. 31, 2024 - Jan. 14, 2025
Date of Issue: Feb. 07, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Guo Guangwei**Checked by:** Xu Rui**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Feb. 07, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
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	vivo Mobile Communication Co., Ltd.
Address	No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

2.2 Manufacturer Information

Manufacturer	vivo Mobile Communication Co., Ltd.
Address	No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	V2434
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	MP_0.1
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	S06, S07, S09, S10, S11, S21, S22
IMEI Number	S06: IMEI:868503079997692/01
	S07: IMEI:868503079997478/01
	S09: IMEI:868503079997619/01
	S10: IMEI:868503079997452/01
	S11: IMEI:868503079997411/01
	S21: IMEI:860450079988313/01
	S22: IMEI:860450079988370/01
Note1: EUT ID is used to identify the test sample in the lab internally.	
Note2: It is performed to test SAR with the EUT S09, S10, S11 and conducted power with the EUT S06, S07.	
Note3: It is performed to test Worse Case SAR with the EUT S21, S22	

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery 1	
	Brand Name	vivo
	Model No.	BA89
	Serial No.	N/A
	Capacity	6500mAh
	Rated Voltage	3.91V
	Limit Charge Voltage	4.50V
	Manufacturer	Sunwoda Electronic CO., LTD.
Ancillary Equipment 2	Battery 2	
	Brand Name	vivo
	Model No.	BA89
	Serial No.	N/A
	Capacity	6500mAh
	Rated Voltage	3.91V
	Limit Charge Voltage	4.50V
	Manufacturer	Sunwoda Electronic CO., LTD.

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA/HSPA+ Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/13/18/19/26/66 LTE TDD Band 38/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac (VHT20/40/80) Galileo, BDS, GLONASS, GPS, SBAS, QZSS
Note: The EUT is a mobile phone, which supports dual SIM card under the same transceiver. Each SIM supports GSM, WCDMA and LTE, and both SIM share the same transmitting electro circuit, NV parameters, so only SIM1 was tested in this report.	

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

Operating Mode	GSM, WCDMA, LTE, 2.4G WIFI, 5G WIFI, 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 13	TX: 777 ~ 787 MHz	RX: 746 ~ 756 MHz
	LTE Band 18	TX: 815 ~ 824 MHz	RX: 860 ~ 869 MHz
		TX: 824 ~ 830 MHz	RX: 869 ~ 875 MHz
	LTE Band 19	TX: 830 ~ 845 MHz	RX: 875 ~ 890 MHz
	LTE Band 26	TX: 814 ~ 824 MHz	RX: 859 ~ 869 MHz
		TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2200 MHz
	LTE Band 38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	LTE Band 41	TX: 2535~ 2655 MHz	RX: 2535~ 2655 MHz
	802.11b/g /n(HT20/HT40)	2412 ~ 2462 MHz	
	VHT20/40	2412 ~ 2462 MHz	
	802.11a/ /n(HT20/HT40) /ac(VHT20/VHT40 /VHT80)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	Bluetooth	2402 ~ 2480 MHz	
Antenna Type	WWAN: PIFA Antenna		

	WIFI: 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	☒ Production unit	☐ Identical prototype
Note: 1. The device utilizes independent power reduction mechanisms for SAR compliance for the 2/3/4G transmitter for held-to-ear exposure conditions. 2. The device utilizes independent power reduction mechanisms for SAR compliance for the 2/3/4G transmitter for near to body exposure conditions. 3. The reduction power details please refer section 8.6.		

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 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	0.94	0.20	0.25	/	0.94	0.45	0.74	2.75
	GSM 1900	0.09	0.31	0.64	/				
	WCDMA Band 2	0.15	0.21	0.74	1.77				
	WCDMA Band 4	0.04	0.13	0.64	2.75				
	WCDMA Band 5	0.50	0.26	0.29	/				
	LTE Band 2	0.12	0.20	0.72	1.50				
	LTE Band 4	0.04	0.18	0.66	2.67				
	LTE Band 5	0.15	0.18	0.20	/				
	LTE Band 7	0.35	0.19	0.46	1.99				
	LTE Band 13	0.48	0.12	0.12	/				
	LTE Band 18	0.14	0.20	0.42	/				
	LTE Band 19	0.10	0.23	0.20	/				
	LTE Band 26	0.14	0.15	0.22	/				
	LTE Band 66	0.06	0.16	0.62	1.82				
	LTE Band 38	0.68	0.28	0.51	/				
	LTE Band 41	0.64	0.23	0.70	/				
DTS	2.4G WIFI	0.83	0.21	0.52	/				
NII	5.2G WIFI	/	/	0.17	/				
	5.3G WIFI	0.62	0.17	/	1.16				
	5.6G WIFI	0.40	0.45	/	1.54				
	5.8G WIFI	0.30	0.40	0.26	1.69				
DSS	Bluetooth	0.27	0.04	0.08	/				
Limit (W/kg)		1.6			4.0				
Verdict		PASS							

3.3.2 Highest Simultaneous Transmission SAR Values

Equipment Class	Maximum Scaled SAR (W/kg)			
	Head 1g (0mm)	Body-worn 1g (15mm)	Hotspot 1g (10mm)	Specific 10g (0mm)
PCE	1.18	0.80	1.22	3.38
DTS	1.10	0.51	1.22	/
NII	1.18	0.80	0.96	3.38
DSS	1.18	0.80	0.96	/
Limit (W/Kg)	1.60	1.60	1.60	4.00
Verdict	Pass			
Note: The highest simultaneous SAR please refer section 12.2				

3.4 Test Uncertainty

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

The maximum 1 g SAR for the EUT in this report is 0.94 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 2.75 W/kg, which is lower than 3.75 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.

4 MEASUREMENT SYSTEM

4.1 Specific Absorption Rate (SAR) Definition

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

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

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

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

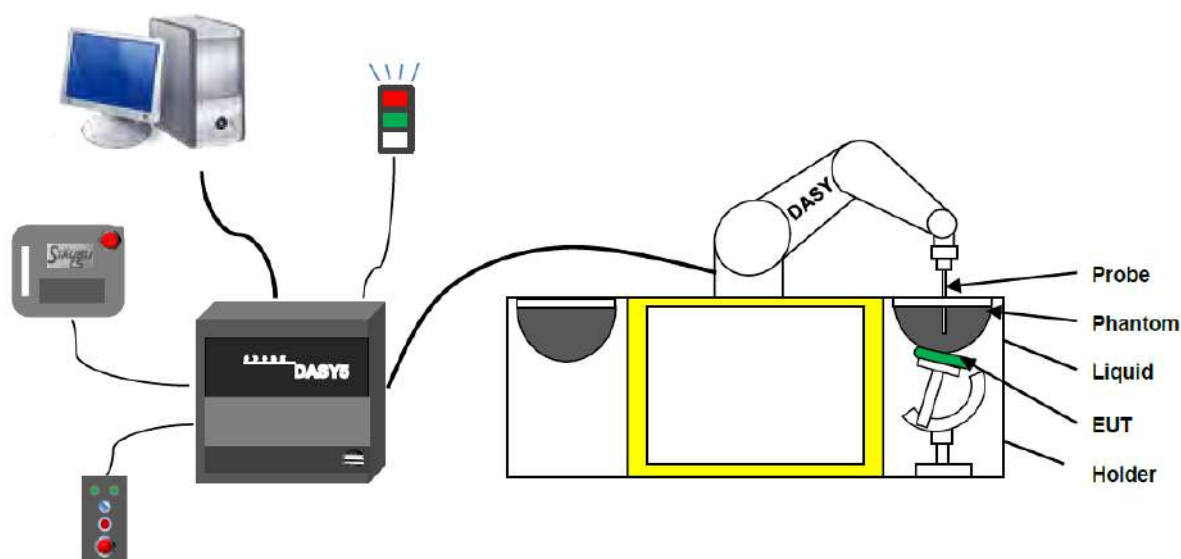
$$\text{SAR} = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,

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

4.2 DASY SAR System

4.2.1 DASY SAR System Diagram



The 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 DASY5 measurement server.
6. The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.
7. DASY5 software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

4.2.2 Robot

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



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

4.2.3 E-Field Probe

The probe is specially designed and calibrated for use in liquids with high permittivities for the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN:7510 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

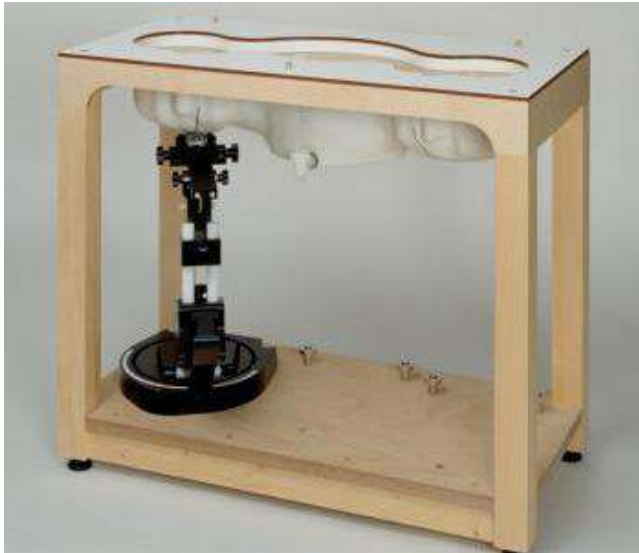
The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through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



- Input Impedance: 200M Ω m
- The Inputs: Symmetrical and Floating
- Common 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

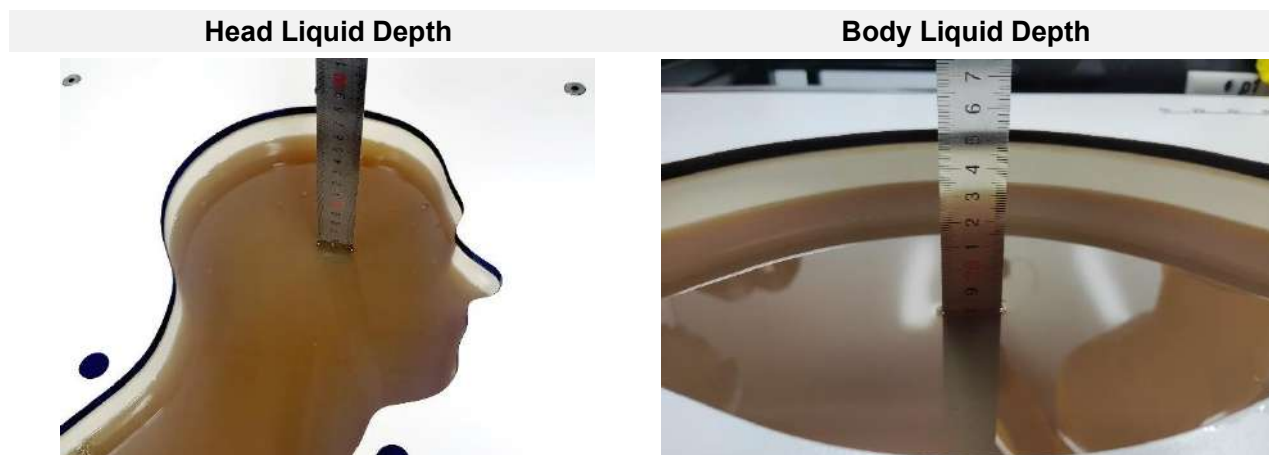
The DASY5 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65° . The bottom plate contains three pair of bolts for 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	Ethanediol, Sodium petroleum sulfonate, Hexylene Glycol / 2-Methyl-pentane-2.4-diol, Alkoxylated alcohol

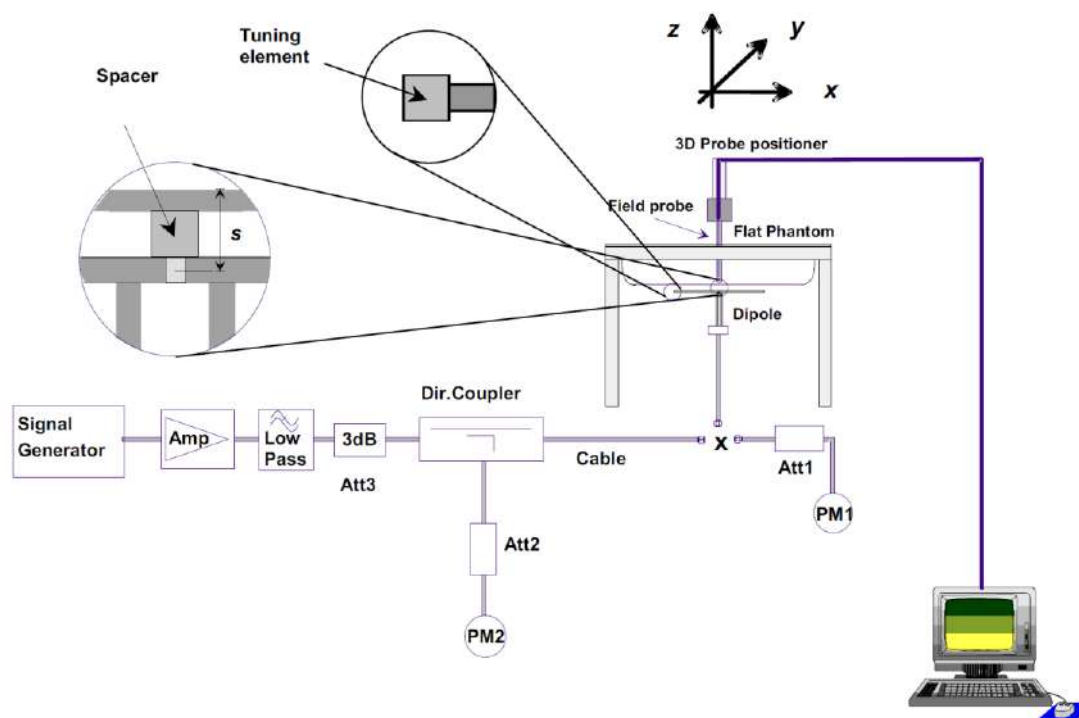
5 SYSTEM VERIFICATION

5.1 Purpose of System Check

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

5.2 System Check Setup

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



6 TEST POSITION CONFIGURATIONS

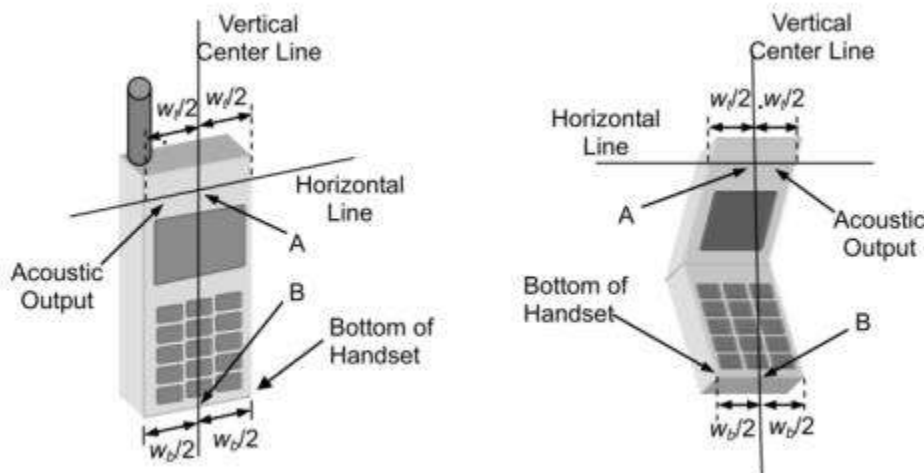
According to KDB 648474 D04 Handset, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

6.1 Head Exposure Conditions

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

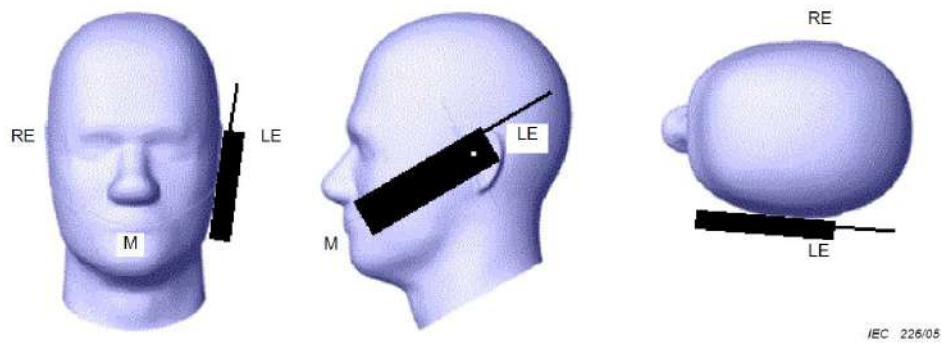
6.1.1 Two Imaginary Lines on the Handset

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



6.1.2 Cheek Position

- 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

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

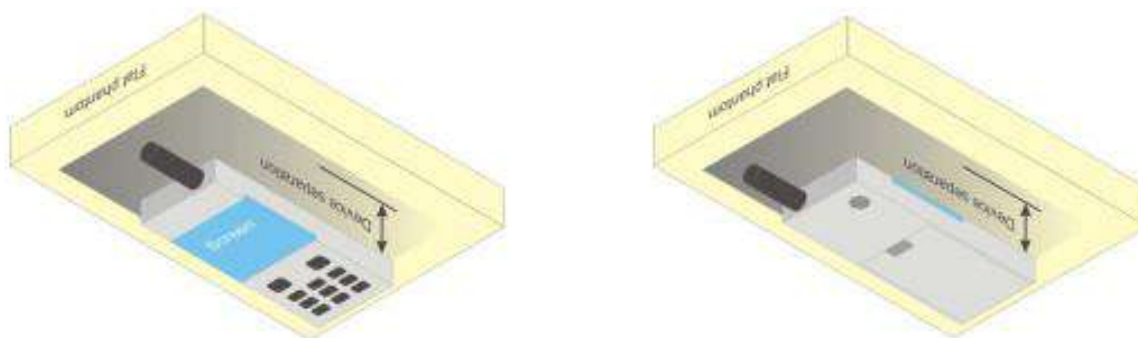


6.2 Body-worn Position Conditions

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

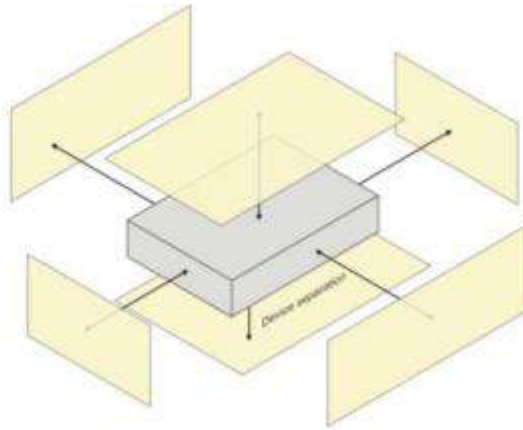
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.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

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



6.3 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).



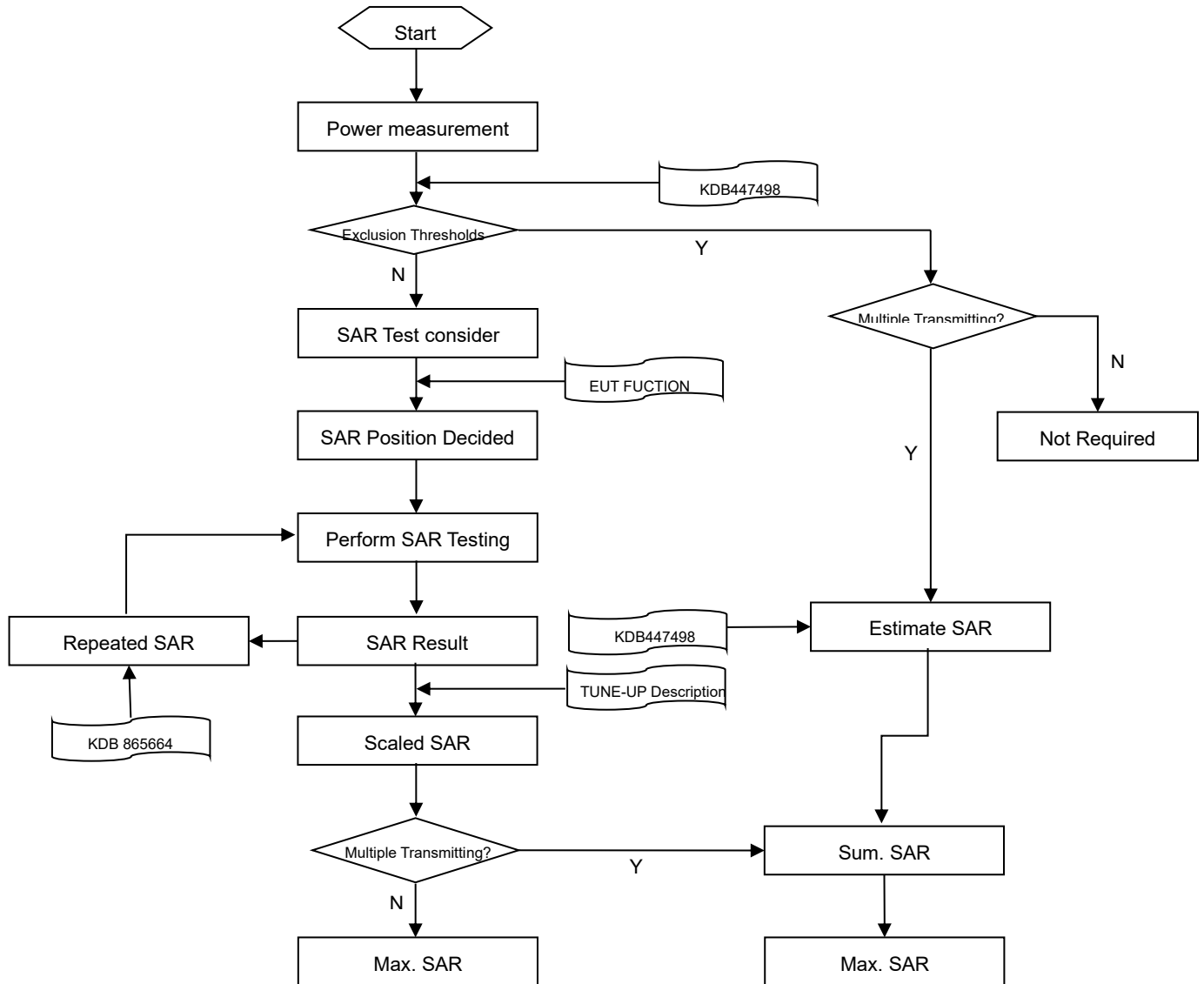
6.4 Product Specific 10g Exposure Consideration

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.

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	3–4 GHz: ≤ 3 mm
				4–5 GHz: ≤ 2.5 mm
				5–6 GHz: ≤ 2 mm
		Δz Zoom (n>1): between subsequent points		≤ 1.5·Δz Zoom (n-1)
Minimum zoom scan volume	x, y, z		≥30 mm	3–4 GHz: ≥ 28 mm
				4–5 GHz: ≥ 25 mm
				5–6 GHz: ≥ 22 mm

Note:

1. δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.
2. * When zoom scan is required and the reported SAR from the area scan based 1 g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

7.3 Measurement Procedure

The following steps are used for each test position

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

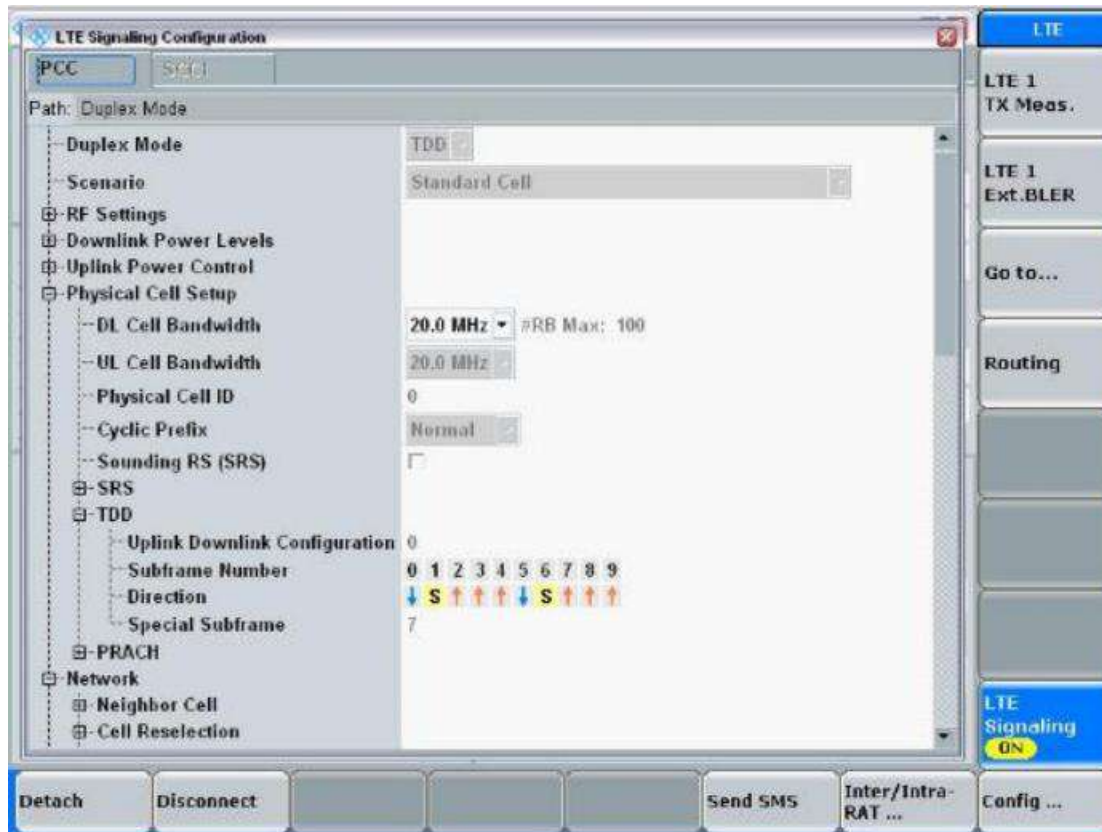
7.4 Area & Zoom Scan Procedure

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

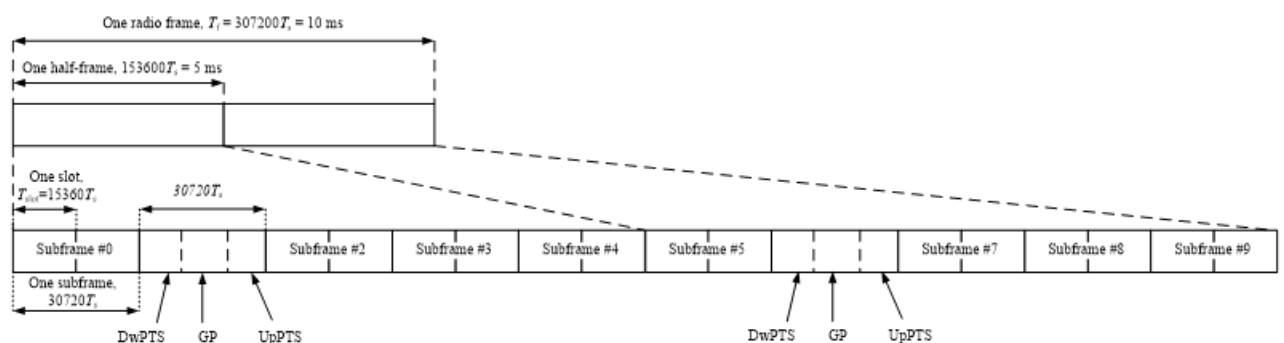
When the 1 g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

7.5 Area & Zoom Scan Procedure

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



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



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

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

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

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

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

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

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

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

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

8 CONDUCTED RF OUPUT POWER

8.1 GSM

Please refer the document “BL-SZ24C1475-AP Power List.pdf”.

8.2 WCDMA

Please refer the document “BL-SZ24C1475-AP Power List.pdf”.

8.3 LTE

Please refer the document “BL-SZ24C1475-AP Power List.pdf”.

8.4 WIFI

8.4.1 2.4G WIFI-Ant.22 Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	18.76	20.00	No
		6	2437	18.75	20.00	No
		11	2462	18.76	20.00	Yes
	802.11g	1	2412	18.71	19.00	No
		6	2437	18.66	19.00	No
		11	2462	16.01	16.50	No
	802.11n(HT20)	1	2412	17.72	18.00	No
		6	2437	17.53	18.00	No
		11	2462	16.65	17.00	No
	802.11n(HT40)	3	2422	14.68	15.00	No
		6	2437	17.52	18.00	No
		9	2452	13.71	14.00	No
	802.11ac(VHT20)	1	2412	17.55	18.00	No
		6	2437	17.79	18.00	No
		11	2462	15.50	16.00	No
	802.11ac(VHT40)	3	2422	15.64	16.00	No
		6	2442	17.65	18.00	No
		9	2452	13.62	14.00	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/VHT) 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 = $0.834 * (79.43\text{mW}/100.00\text{mW}) = 0.662$ W/Kg, so 2.4G OFDM SAR test is not required.

8.4.2 2.4G WIFI-Ant.22-Level1

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	17.45	18.50	Yes
		6	2437	17.85	18.50	Yes
		11	2462	17.83	18.50	Yes
	802.11g	1	2412	18.18	18.50	No
		6	2437	18.27	18.50	No
		11	2462	16.01	16.50	No
	802.11n(HT20)	1	2412	17.72	18.00	No
		6	2437	17.53	18.00	No
		11	2462	16.65	17.00	No
	802.11n(HT40)	3	2422	14.68	15.00	No
		6	2437	17.52	18.00	No
		9	2452	13.71	14.00	No
	802.11ac(VHT20)	1	2412	17.55	18.00	No
		6	2437	17.79	18.00	No
		11	2462	15.50	16.00	No
	802.11ac(VHT40)	3	2422	15.64	16.00	No
		6	2442	17.65	18.00	No
		9	2452	13.62	14.00	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/VHT) 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 = $0.834 * (70.79\text{mW}/70.79\text{mW}) = 0.834$ W/Kg, so 2.4G OFDM SAR test is not required.

8.4.3 2.4G WIFI-Ant.22-Leve2

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	16.11	17.00	No
		6	2437	16.23	17.00	Yes
		11	2462	16.09	17.00	No
	802.11g	1	2412	16.53	17.00	No
		6	2437	16.73	17.00	No
		11	2462	16.01	16.50	No
	802.11n(HT20)	1	2412	16.80	17.00	No
		6	2437	16.62	17.00	No
		11	2462	16.65	17.00	No
	802.11n(HT40)	3	2422	14.68	15.00	No
		6	2437	16.75	17.00	No
		9	2452	13.71	14.00	No
	802.11ac(VHT20)	1	2412	16.75	17.00	No
		6	2437	16.69	17.00	No
		11	2462	15.50	16.00	No
	802.11ac(VHT40)	3	2422	15.64	16.00	No
		6	2442	16.64	17.00	No
		9	2452	13.62	14.00	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/VHT) 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 = $0.572 * (50.12\text{mW}/50.12\text{mW}) = 0.572$ W/Kg, so 2.4G OFDM SAR test is not required.

8.4.4 2.4G WIFI-Ant.22-Leve3

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	18.76	20.00	No
		6	2437	18.75	20.00	No
		11	2462	18.76	20.00	Yes
	802.11g	1	2412	18.71	19.00	No
		6	2437	18.66	19.00	No
		11	2462	16.01	16.50	No
	802.11n(HT20)	1	2412	17.72	18.00	No
		6	2437	17.53	18.00	No
		11	2462	16.65	17.00	No
	802.11n(HT40)	3	2422	14.68	15.00	No
		6	2437	17.52	18.00	No
		9	2452	13.71	14.00	No
	802.11ac(VHT20)	1	2412	17.55	18.00	No
		6	2437	17.79	18.00	No
		11	2462	15.50	16.00	No
	802.11ac(VHT40)	3	2422	15.64	16.00	No
		6	2442	17.65	18.00	No
		9	2452	13.62	14.00	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/VHT) 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 = $0.207 * (79.43\text{mW}/100.00\text{mW}) = 0.162$ W/Kg, so 2.4G OFDM SAR test is not required.

8.4.5 2.4G WIFI-Ant.22-Level4

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	18.22	19.00	No
		6	2437	18.19	19.00	No
		11	2462	18.31	19.00	Yes
	802.11g	1	2412	18.71	19.00	No
		6	2437	18.66	19.00	No
		11	2462	16.01	16.50	No
	802.11n(HT20)	1	2412	17.72	18.00	No
		6	2437	17.53	18.00	No
		11	2462	16.65	17.00	No
	802.11n(HT40)	3	2422	14.68	15.00	No
		6	2437	17.52	18.00	No
		9	2452	13.71	14.00	No
	802.11ac(VHT20)	1	2412	17.55	18.00	No
		6	2437	17.79	18.00	No
		11	2462	15.50	16.00	No
	802.11ac(VHT40)	3	2422	15.64	16.00	No
		6	2442	17.65	18.00	No
		9	2452	13.62	14.00	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/VHT) 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 = $0.516 * (79.43\text{mW}/79.43\text{mW}) = 0.516$ W/Kg, so 2.4G OFDM SAR test is not required.

8.4.6 5G WIFI-Ant.22 Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2	802.11a	36	5180	19.44	20.00	No
		44	5220	19.56	20.00	No
		48	5240	19.66	20.00	No
	802.11n(HT20)	36	5180	19.23	19.50	No
		44	5220	19.16	19.50	No
		48	5240	19.07	19.50	No
	802.11n(HT40)	38	5190	15.74	16.00	No
		46	5230	19.29	19.50	No
	802.11ac(VHT20)	36	5180	18.67	19.00	No
		44	5220	18.65	19.00	No
		48	5240	18.54	19.00	No
	802.11ac(VHT40)	38	5190	15.61	16.00	No
		46	5230	18.51	19.00	No
	802.11ac(VHT80)	42	5210	14.66	15.00	No
5.3	802.11a	52	5260	19.82	20.00	No
		60	5300	19.91	20.00	Yes
		64	5320	16.72	17.00	No
	802.11n(HT20)	52	5260	19.25	19.50	No
		60	5300	19.15	19.50	No
		64	5320	17.47	18.00	No
	802.11n(HT40)	54	5270	19.09	19.50	No
		62	5310	14.16	14.50	No
	802.11ac(VHT20)	52	5260	18.80	19.00	No
		60	5300	18.67	19.00	No
		64	5320	18.23	18.50	No
	802.11ac(VHT40)	54	5270	18.75	19.00	No
		62	5310	13.62	14.00	No
	802.11ac(VHT80)	58	5290	12.50	13.00	No
5.6	802.11a	100	5500	19.76	20.00	Yes
		116	5580	19.26	20.00	No
		140	5700	16.95	17.50	No
	802.11n(HT20)	100	5500	19.12	19.50	No
		116	5580	19.29	19.50	No
		140	5700	16.55	17.00	No
	802.11n(HT40)	102	5510	14.78	15.00	No
		118	5590	19.12	19.50	No

	802.11ac(VHT20)	134	5670	19.26	19.50	No
		100	5500	18.66	19.00	No
		116	5580	18.60	19.00	No
		140	5700	17.74	18.00	No
	802.11ac(VHT40)	102	5510	14.58	15.00	No
		118	5590	18.59	19.00	No
		134	5670	18.62	19.00	No
	802.11ac(VHT80)	106	5530	12.69	13.00	No
		122	5690	18.12	18.50	No
5.8	802.11a	149	5745	19.29	20.00	No
		157	5785	19.48	20.00	Yes
		165	5825	19.43	20.00	No
	802.11n(HT20)	149	5745	19.10	19.50	No
		157	5785	19.16	19.50	No
		165	5825	19.06	19.50	No
	802.11n(HT40)	151	5755	19.17	19.50	No
		159	5795	19.20	19.50	No
	802.11ac(VHT20)	149	5745	18.62	19.00	No
		157	5785	18.65	19.00	No
		165	5825	18.67	19.00	No
	802.11ac(VHT40)	151	5755	18.75	19.00	No
		159	5795	18.56	19.00	No
	802.11ac(VHT80)	155	5775	18.17	18.50	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.

8.4.7 5G WIFI-Ant.22-Level1

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2	802.11a	36	5180	15.09	15.50	No
		44	5220	15.20	15.50	No
		48	5240	15.05	15.50	No
	802.11n(HT20)	36	5180	15.26	15.50	No
		44	5220	15.00	15.50	No
		48	5240	15.14	15.50	No
	802.11n(HT40)	38	5190	15.22	15.50	No
		46	5230	15.02	15.50	No
	802.11ac(VHT20)	36	5180	15.14	15.50	No
		44	5220	15.05	15.50	No
		48	5240	15.18	15.50	No
	802.11ac(VHT40)	38	5190	15.16	15.50	No
		46	5230	15.20	15.50	No
	802.11ac(VHT80)	42	5210	14.66	15.00	No
5.3	802.11a	52	5260	15.28	15.50	No
		60	5300	15.03	15.50	No
		64	5320	15.02	15.50	No
	802.11n(HT20)	52	5260	15.05	15.50	No
		60	5300	15.09	15.50	No
		64	5320	15.27	15.50	No
	802.11n(HT40)	54	5270	15.17	15.50	Yes
		62	5310	14.16	14.50	No
	802.11ac(VHT20)	52	5260	15.15	15.50	No
		60	5300	15.07	15.50	No
		64	5320	15.16	15.50	No
	802.11ac(VHT40)	54	5270	15.18	15.50	No
		62	5310	13.62	14.00	No
	802.11ac(VHT80)	58	5290	12.50	13.00	No
5.6	802.11a	100	5500	15.69	16.00	No
		116	5580	15.68	16.00	No
		140	5700	15.66	16.00	No
	802.11n(HT20)	100	5500	15.59	16.00	No
		116	5580	15.58	16.00	No
		140	5700	15.76	16.00	No
	802.11n(HT40)	102	5510	14.78	15.00	No
		118	5590	15.72	16.00	No

	802.11ac(VHT20)	134	5670	15.58	16.00	No
		100	5500	15.69	16.00	No
		116	5580	15.51	16.00	No
		140	5700	15.66	16.00	No
	802.11ac(VHT40)	102	5510	14.58	15.00	No
		118	5590	15.67	16.00	No
		134	5670	15.50	16.00	No
	802.11ac(VHT80)	106	5530	12.89	13.00	No
		122	5690	15.72	16.00	Yes
5.8	802.11a	149	5745	14.63	15.00	No
		157	5785	14.55	15.00	No
		165	5825	14.78	15.00	No
	802.11n(HT20)	149	5745	14.76	15.00	No
		157	5785	14.58	15.00	No
		165	5825	14.73	15.00	No
	802.11n(HT40)	151	5755	14.62	15.00	No
		159	5795	14.79	15.00	No
	802.11ac(VHT20)	149	5745	14.54	15.00	No
		157	5785	14.62	15.00	No
		165	5825	14.55	15.00	No
	802.11ac(VHT40)	151	5755	14.80	15.00	No
		159	5795	14.76	15.00	No
	802.11ac(VHT80)	155	5775	14.89	15.00	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.

8.4.8 5G WIFI-Ant.22-Level2

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2	802.11a	36	5180	13.60	14.00	No
		44	5220	13.64	14.00	No
		48	5240	13.63	14.00	No
	802.11n(HT20)	36	5180	13.65	14.00	No
		44	5220	13.71	14.00	No
		48	5240	13.62	14.00	No
	802.11n(HT40)	38	5190	13.79	14.00	No
		46	5230	13.54	14.00	No
	802.11ac(VHT20)	36	5180	13.80	14.00	No
		44	5220	13.55	14.00	No
		48	5240	13.68	14.00	No
	802.11ac(VHT40)	38	5190	13.71	14.00	No
		46	5230	13.70	14.00	No
	802.11ac(VHT80)	42	5210	13.83	14.00	No
5.3	802.11a	52	5260	13.57	14.00	No
		60	5300	13.69	14.00	No
		64	5320	13.50	14.00	No
	802.11n(HT20)	52	5260	13.74	14.00	No
		60	5300	13.58	14.00	No
		64	5320	13.75	14.00	No
	802.11n(HT40)	54	5270	13.66	14.00	No
		62	5310	13.75	14.00	Yes
	802.11ac(VHT20)	52	5260	13.63	14.00	No
		60	5300	13.62	14.00	No
		64	5320	13.50	14.00	No
	802.11ac(VHT40)	54	5270	13.56	14.00	No
		62	5310	13.62	14.00	No
	802.11ac(VHT80)	58	5290	12.50	13.00	No
5.6	802.11a	100	5500	14.55	15.00	No
		116	5580	14.75	15.00	No
		140	5700	14.80	15.00	No
	802.11n(HT20)	100	5500	14.68	15.00	No
		116	5580	14.63	15.00	No
		140	5700	14.61	15.00	No
	802.11n(HT40)	102	5510	14.78	15.00	No
		118	5590	14.68	15.00	No

	802.11ac(VHT20)	134	5670	14.50	15.00	No
		100	5500	14.72	15.00	No
		116	5580	14.79	15.00	No
		140	5700	14.52	15.00	No
	802.11ac(VHT40)	102	5510	14.58	15.00	No
		118	5590	14.77	15.00	No
		134	5670	14.65	15.00	No
	802.11ac(VHT80)	106	5530	12.89	13.00	No
		122	5690	14.66	15.00	Yes
5.8	802.11a	149	5745	13.04	13.50	No
		157	5785	13.14	13.50	No
		165	5825	13.22	13.50	No
	802.11n(HT20)	149	5745	13.14	13.50	No
		157	5785	13.16	13.50	No
		165	5825	13.20	13.50	No
	802.11n(HT40)	151	5755	13.18	13.50	No
		159	5795	13.14	13.50	No
	802.11ac(VHT20)	149	5745	13.14	13.50	No
		157	5785	13.03	13.50	No
		165	5825	13.30	13.50	No
	802.11ac(VHT40)	151	5755	13.04	13.50	No
		159	5795	13.13	13.50	No
	802.11ac(VHT80)	155	5775	13.11	13.50	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.

8.4.9 5G WIFI-Ant.22-Level3

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2	802.11a	36	5180	19.44	20.00	No
		44	5220	19.56	20.00	No
		48	5240	19.66	20.00	No
	802.11n(HT20)	36	5180	19.23	19.50	No
		44	5220	19.16	19.50	No
		48	5240	19.07	19.50	No
	802.11n(HT40)	38	5190	15.74	16.00	No
		46	5230	19.29	19.50	No
	802.11ac(VHT20)	36	5180	18.67	19.00	No
		44	5220	18.65	19.00	No
		48	5240	18.54	19.00	No
	802.11ac(VHT40)	38	5190	15.61	16.00	No
		46	5230	18.51	19.00	No
	802.11ac(VHT80)	42	5210	14.66	15.00	No
5.3	802.11a	52	5260	19.82	20.00	No
		60	5300	19.91	20.00	Yes
		64	5320	16.72	17.00	No
	802.11n(HT20)	52	5260	19.25	19.50	No
		60	5300	19.15	19.50	No
		64	5320	17.47	18.00	No
	802.11n(HT40)	54	5270	19.09	19.50	No
		62	5310	14.16	14.50	No
	802.11ac(VHT20)	52	5260	18.80	19.00	No
		60	5300	18.67	19.00	No
		64	5320	18.23	18.50	No
	802.11ac(VHT40)	54	5270	18.75	19.00	No
		62	5310	13.62	14.00	No
	802.11ac(VHT80)	58	5290	12.50	13.00	No
5.6	802.11a	100	5500	19.76	20.00	Yes
		116	5580	19.26	20.00	No
		140	5700	16.95	17.50	No
	802.11n(HT20)	100	5500	19.12	19.50	No
		116	5580	19.29	19.50	No
		140	5700	16.55	17.00	No
	802.11n(HT40)	102	5510	14.78	15.00	No
		118	5590	19.12	19.50	No

		134	5670	19.26	19.50	No
	802.11ac(VHT20)	100	5500	18.66	19.00	No
		116	5580	18.60	19.00	No
		140	5700	17.74	18.00	No
	802.11ac(VHT40)	102	5510	14.58	15.00	No
		118	5590	18.59	19.00	No
		134	5670	18.62	19.00	No
	802.11ac(VHT80)	106	5530	12.69	13.00	No
		122	5690	18.12	18.50	No
	5.8	802.11a	149	5745	19.29	20.00
157			5785	19.48	20.00	Yes
165			5825	19.43	20.00	No
802.11n(HT20)		149	5745	19.10	19.50	No
		157	5785	19.16	19.50	No
		165	5825	19.06	19.50	No
802.11n(HT40)		151	5755	19.17	19.50	No
		159	5795	19.20	19.50	No
802.11ac(VHT20)		149	5745	18.62	19.00	No
		157	5785	18.65	19.00	No
		165	5825	18.67	19.00	No
802.11ac(VHT40)		151	5755	18.75	19.00	No
		159	5795	18.56	19.00	No
802.11ac(VHT80)		155	5775	18.17	18.50	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.

8.4.10 5G WIFI-Ant.22-Level4

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2	802.11a	36	5180	13.20	13.50	No
		44	5220	13.03	13.50	No
		48	5240	13.30	13.50	No
	802.11n(HT20)	36	5180	13.03	13.50	No
		44	5220	13.07	13.50	No
		48	5240	13.25	13.50	No
	802.11n(HT40)	38	5190	13.29	13.50	No
		46	5230	13.11	13.50	No
	802.11ac(VHT20)	36	5180	13.24	13.50	No
		44	5220	13.12	13.50	No
		48	5240	13.27	13.50	No
	802.11ac(VHT40)	38	5190	13.23	13.50	No
		46	5230	13.01	13.50	No
	802.11ac(VHT80)	42	5210	12.91	13.50	Yes
5.3	802.11a	52	5260	13.28	13.50	No
		60	5300	13.05	13.50	No
		64	5320	13.28	13.50	No
	802.11n(HT20)	52	5260	13.29	13.50	No
		60	5300	13.06	13.50	No
		64	5320	13.24	13.50	No
	802.11n(HT40)	54	5270	13.06	13.50	No
		62	5310	13.23	13.50	No
	802.11ac(VHT20)	52	5260	13.21	13.50	No
		60	5300	13.25	13.50	No
		64	5320	13.28	13.50	No
	802.11ac(VHT40)	54	5270	13.11	13.50	No
		62	5310	13.19	13.50	No
	802.11ac(VHT80)	58	5290	12.77	13.00	No
5.6	802.11a	100	5500	12.01	12.50	No
		116	5580	12.26	12.50	No
		140	5700	12.03	12.50	No
	802.11n(HT20)	100	5500	12.17	12.50	No
		116	5580	12.21	12.50	No
		140	5700	12.07	12.50	No
	802.11n(HT40)	102	5510	12.08	12.50	No
		118	5590	12.02	12.50	No

		134	5670	12.26	12.50	No
	802.11ac(VHT20)	100	5500	12.09	12.50	No
		116	5580	12.23	12.50	No
		140	5700	12.02	12.50	No
	802.11ac(VHT40)	102	5510	12.14	12.50	No
		118	5590	12.29	12.50	No
		134	5670	12.04	12.50	No
	802.11ac(VHT80)	106	5530	12.44	12.50	No
		122	5690	12.05	12.50	No
	5.8	802.11a	149	5745	12.17	12.50
157			5785	12.21	12.50	No
165			5825	12.28	12.50	No
802.11n(HT20)		149	5745	12.06	12.50	No
		157	5785	12.16	12.50	No
		165	5825	12.11	12.50	No
802.11n(HT40)		151	5755	12.11	12.50	No
		159	5795	12.24	12.50	No
802.11ac(VHT20)		149	5745	12.28	12.50	No
		157	5785	12.00	12.50	No
		165	5825	12.06	12.50	No
802.11ac(VHT40)		151	5755	12.04	12.50	No
		159	5795	12.08	12.50	No
802.11ac(VHT80)		155	5775	11.93	12.50	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.

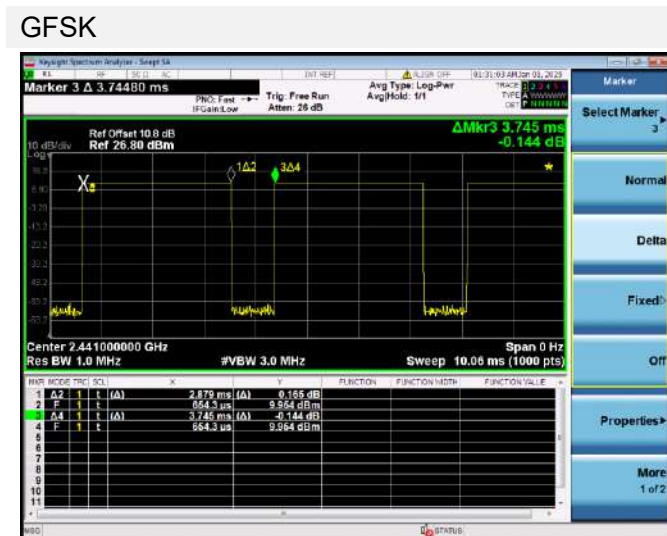
8.5 Bluetooth

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	10.66	10.55	7.82	7.70	7.77
Tune-Up Limit (dBm)	12.50	12.50	12.50	9.50	9.50	9.50
SAR Test Require	YES	NO	NO	NO	NO	NO
Mode	8-DPSK			BLE-1Mbps		
Channel	0	39	78	0	19	39
Frequency (MHz)	2402	2441	2480	2402	2440	2480
Average Power (dBm)	7.62	7.76	7.88	6.61	6.79	6.88
Tune-Up Limit (dBm)	9.50	9.50	9.50	8.50	8.50	8.50
SAR Test Require	NO	NO	NO	NO	NO	NO

Note 1: Since bluetooth BR mode is the maximum output power mode, SAR measurements were performed with test software using DH5 modulation, and SAR measurement is not required for the EDR and LE. When the secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode.

Note: The Bluetooth duty cycle is 76.88 % 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



8.6 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 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 exposure.

WWAN Reduced power level table

Reduced State	Receiver state	Transmitting conditions
DSI1	On (Head scenario)	WWAN Only
DSI3	On (Head scenario)	WWAN + WIFI2.4G WWAN+WIFI5G;
DSI2	Off (Body scenario)	WWAN Only
DSI4	Off (Body scenario)	WWAN + WIFI2.4G WWAN+WIFI5G;

Mode	Antenna	WWAN Antenna13				
		Full Power	Head		Body	
			Receiver on		Receiver off	
			DSI1	DSI3	Body-worm/Specific DSI2	Hotspot DSI4
GSM 850	Ant.13	33.50	31.00	30.50	33.50	33.50
GPRS850 1 Tx Slot	Ant.13	33.50	31.00	30.50	33.50	33.50
GPRS850 2 Tx Slots	Ant.13	31.00	28.00	27.50	31.00	31.00
GPRS850 3 Tx Slots	Ant.13	29.00	26.00	25.50	29.00	29.00
GPRS850 4 Tx Slots	Ant.13	27.50	25.50	25.00	27.50	27.50
EGPRS850 1 Tx Slot	Ant.13	27.00	27.00	27.00	27.00	27.00
EGPRS850 2 Tx Slots	Ant.13	25.00	25.00	25.00	25.00	25.00
EGPRS850 3 Tx Slots	Ant.13	23.00	23.00	23.00	23.00	23.00
EGPRS850 4 Tx Slots	Ant.13	21.00	21.00	21.00	21.00	21.00
GSM 1900	Ant.13	31.00	/	/	28.50	28.00
GPRS1900 1 Tx Slot	Ant.13	31.00	/	/	28.50	28.00
GPRS1900 2 Tx Slots	Ant.13	29.00	/	/	25.00	24.50
GPRS1900 3 Tx Slots	Ant.13	27.00	/	/	24.00	23.50
GPRS1900 4 Tx Slots	Ant.13	26.50	/	/	23.50	23.00

EGPRS1900 1 Tx Slot	Ant.13	27.50	/	/	27.50	27.50
EGPRS1900 2 Tx Slots	Ant.13	24.50	/	/	24.50	24.50
EGPRS1900 3 Tx Slots	Ant.13	22.00	/	/	22.00	22.00
EGPRS1900 4 Tx Slots	Ant.13	21.00	/	/	21.00	21.00
WCDMA Band2 RMC	Ant.13	24.50	/	/	20.00	20.00
AMR	Ant.13	24.50	/	/	20.00	20.00
HSDPA Subtest-1	Ant.13	24.00	/	/	20.00	20.00
HSDPA Subtest-2	Ant.13	24.00	/	/	20.00	20.00
HSDPA Subtest-3	Ant.13	23.00	/	/	19.00	19.00
HSDPA Subtest-4	Ant.13	23.00	/	/	19.00	19.00
DC-HSDPA Subtest-1	Ant.13	24.00	/	/	20.00	20.00
DC-HSDPA Subtest-2	Ant.13	24.00	/	/	20.00	20.00
DC-HSDPA Subtest-3	Ant.13	23.00	/	/	19.00	19.00
DC-HSDPA Subtest-4	Ant.13	23.00	/	/	19.00	19.00
HSUPA Subtest-1	Ant.13	24.00	/	/	19.00	19.00
HSUPA Subtest-2	Ant.13	22.00	/	/	17.50	17.50
HSUPA Subtest-3	Ant.13	23.00	/	/	18.50	18.50
HSUPA Subtest-4	Ant.13	22.00	/	/	17.50	17.50
HSUPA Subtest-5	Ant.13	24.00	/	/	19.50	19.50
HSPA+	Ant.13	24.50	/	/	20.00	20.00
WCDMA Band4 RMC	Ant.13	25.00	/	/	20.50	20.00
AMR	Ant.13	25.00	/	/	20.50	20.00
HSDPA Subtest-1	Ant.13	24.00	/	/	19.50	19.00
HSDPA Subtest-2	Ant.13	24.00	/	/	19.50	19.00
HSDPA Subtest-3	Ant.13	23.00	/	/	19.00	18.50
HSDPA Subtest-4	Ant.13	23.00	/	/	19.00	18.50
DC-HSDPA Subtest-1	Ant.13	24.00	/	/	19.50	19.00
DC-HSDPA Subtest-2	Ant.13	24.00	/	/	19.50	19.00
DC-HSDPA Subtest-3	Ant.13	23.00	/	/	19.00	18.50
DC-HSDPA Subtest-4	Ant.13	23.00	/	/	19.00	18.50
HSUPA Subtest-1	Ant.13	24.00	/	/	19.50	19.00
HSUPA Subtest-2	Ant.13	22.00	/	/	17.50	17.00
HSUPA Subtest-3	Ant.13	23.00	/	/	18.50	18.00
HSUPA Subtest-4	Ant.13	22.00	/	/	18.00	17.50
HSUPA Subtest-5	Ant.13	24.00	/	/	19.50	19.00
HSPA+	Ant.13	25.00	/	/	20.50	20.00
WCDMA Band5 RMC	Ant.13	25.00	21.00	21.00	25.00	25.00
AMR	Ant.13	25.00	21.00	21.00	25.00	25.00
HSDPA Subtest-1	Ant.13	24.00	20.00	20.00	24.00	24.00
HSDPA Subtest-2	Ant.13	24.00	20.00	20.00	24.00	24.00
HSDPA Subtest-3	Ant.13	23.00	19.50	19.50	23.00	23.00
HSDPA Subtest-4	Ant.13	23.00	19.50	19.50	23.00	23.00
DC-HSDPA Subtest-1	Ant.13	24.00	20.00	20.00	24.00	24.00

DC-HSDPA Subtest-2	Ant.13	24.00	20.00	20.00	24.00	24.00
DC-HSDPA Subtest-3	Ant.13	23.00	19.50	19.50	23.00	23.00
DC-HSDPA Subtest-4	Ant.13	23.00	19.50	19.50	23.00	23.00
HSUPA Subtest-1	Ant.13	24.00	20.00	20.00	24.00	24.00
HSUPA Subtest-2	Ant.13	22.00	18.00	18.00	22.00	22.00
HSUPA Subtest-3	Ant.13	23.00	19.00	19.00	23.00	23.00
HSUPA Subtest-4	Ant.13	22.00	18.00	18.00	22.00	22.00
HSUPA Subtest-5	Ant.13	24.00	20.00	20.00	24.00	24.00
HSPA+	Ant.13	25.00	21.00	21.00	25.00	25.00
LTE Band2	Ant.13	24.50	/	/	19.50	19.50
LTE Band4	Ant.13	24.50	/	/	21.00	20.50
LTE Band5	Ant.13	25.00	/	/	25.00	25.00
LTE Band7	Ant.13	24.50	/	/	18.00	18.00
LTE Band13	Ant.13	24.00	23.00	23.00	24.00	24.00
LTE Band18	Ant.13	25.00	/	/	25.00	25.00
LTE Band19	Ant.13	25.00	/	/	25.00	25.00
LTE Band26	Ant.13	25.00	/	/	25.00	25.00
LTE Band66	Ant.13	24.50	/	/	20.00	19.50
LTE Band38	Ant.13	25.00	21.50	21.00	20.50	20.50
LTE Band41	Ant.13	25.00	21.00	20.50	20.50	20.00

Mode	Antenna	WWAN Antenna31				
		Full Power	Head		Body	
			Receiver on		Receiver off	
					Body-worm/Specific	Hotspot
			DSI1	DSI3	DSI2	DSI4
GSM 850	Ant.31	33.50	33.50	33.50	33.50	33.50
GPRS850 1 Tx Slot	Ant.31	33.50	33.50	33.50	33.50	33.50
GPRS850 2 Tx Slots	Ant.31	31.00	31.00	31.00	31.00	31.00
GPRS850 3 Tx Slots	Ant.31	29.00	29.00	29.00	29.00	29.00
GPRS850 4 Tx Slots	Ant.31	27.50	27.50	27.50	27.50	27.50
EGPRS850 1 Tx Slot	Ant.31	27.00	27.00	27.00	27.00	27.00
EGPRS850 2 Tx Slots	Ant.31	25.00	25.00	25.00	25.00	25.00
EGPRS850 3 Tx Slots	Ant.31	23.00	23.00	23.00	23.00	23.00
EGPRS850 4 Tx Slots	Ant.31	21.00	21.00	21.00	21.00	21.00
GSM 1900	Ant.31	31.00	31.00	31.00	30.00	30.00
GPRS1900 1 Tx Slot	Ant.31	31.00	31.00	31.00	30.00	30.00
GPRS1900 2 Tx Slots	Ant.31	29.00	29.00	29.00	26.50	26.50
GPRS1900 3 Tx Slots	Ant.31	27.00	27.00	27.00	25.00	25.00
GPRS1900 4 Tx Slots	Ant.31	26.50	26.50	26.50	25.50	25.00
EGPRS1900 1 Tx Slot	Ant.31	27.50	27.50	27.50	27.50	27.50
EGPRS1900 2 Tx Slots	Ant.31	24.50	24.50	24.50	24.50	24.50
EGPRS1900 3 Tx Slots	Ant.31	22.00	22.00	22.00	22.00	22.00

EGPRS1900 4 Tx Slots	Ant.31	21.00	21.00	21.00	21.00	21.00
WCDMA Band2 RMC	Ant.31	24.50	24.50	24.50	20.50	20.50
AMR	Ant.31	24.50	24.50	24.50	20.50	20.50
HSDPA Subtest-1	Ant.31	24.00	24.00	24.00	19.50	19.50
HSDPA Subtest-2	Ant.31	24.00	24.00	24.00	19.50	19.50
HSDPA Subtest-3	Ant.31	23.00	23.00	23.00	19.00	19.00
HSDPA Subtest-4	Ant.31	23.00	23.00	23.00	19.00	19.00
DC-HSDPA Subtest-1	Ant.31	24.00	24.00	24.00	19.50	19.50
DC-HSDPA Subtest-2	Ant.31	24.00	24.00	24.00	19.50	19.50
DC-HSDPA Subtest-3	Ant.31	23.00	23.00	23.00	19.00	19.00
DC-HSDPA Subtest-4	Ant.31	23.00	23.00	23.00	19.00	19.00
HSUPA Subtest-1	Ant.31	24.00	24.00	24.00	19.50	19.50
HSUPA Subtest-2	Ant.31	22.00	22.00	22.00	17.50	17.50
HSUPA Subtest-3	Ant.31	23.00	23.00	23.00	18.50	18.50
HSUPA Subtest-4	Ant.31	22.00	22.00	22.00	17.50	17.50
HSUPA Subtest-5	Ant.31	24.00	24.00	24.00	19.50	19.50
HSPA+	Ant.31	24.50	24.50	24.50	20.50	20.50
WCDMA Band4 RMC	Ant.31	25.00	25.00	25.00	22.00	22.00
AMR	Ant.31	25.00	25.00	25.00	22.00	22.00
HSDPA Subtest-1	Ant.31	24.00	24.00	24.00	20.50	20.50
HSDPA Subtest-2	Ant.31	24.00	24.00	24.00	21.00	21.00
HSDPA Subtest-3	Ant.31	23.00	23.00	23.00	20.00	20.00
HSDPA Subtest-4	Ant.31	23.00	23.00	23.00	20.00	20.00
DC-HSDPA Subtest-1	Ant.31	24.00	24.00	24.00	20.50	20.50
DC-HSDPA Subtest-2	Ant.31	24.00	24.00	24.00	21.00	21.00
DC-HSDPA Subtest-3	Ant.31	23.00	23.00	23.00	20.00	20.00
DC-HSDPA Subtest-4	Ant.31	23.00	23.00	23.00	20.00	20.00
HSUPA Subtest-1	Ant.31	24.00	24.00	24.00	21.00	21.00
HSUPA Subtest-2	Ant.31	22.00	22.00	22.00	19.00	19.00
HSUPA Subtest-3	Ant.31	23.00	23.00	23.00	20.00	20.00
HSUPA Subtest-4	Ant.31	22.00	22.00	22.00	19.00	19.00
HSUPA Subtest-5	Ant.31	24.00	24.00	24.00	21.00	21.00
HSPA+	Ant.31	25.00	25.00	25.00	22.00	22.00
WCDMA Band5 RMC	Ant.31	25.00	25.00	25.00	25.00	25.00
AMR	Ant.31	25.00	25.00	25.00	25.00	25.00
HSDPA Subtest-1	Ant.31	24.00	24.00	24.00	24.00	24.00
HSDPA Subtest-2	Ant.31	24.00	24.00	24.00	24.00	24.00
HSDPA Subtest-3	Ant.31	23.00	23.00	23.00	23.00	23.00
HSDPA Subtest-4	Ant.31	23.00	23.00	23.00	23.00	23.00
DC-HSDPA Subtest-1	Ant.31	24.00	24.00	24.00	24.00	24.00
DC-HSDPA Subtest-2	Ant.31	24.00	24.00	24.00	24.00	24.00
DC-HSDPA Subtest-3	Ant.31	23.00	23.00	23.00	23.00	23.00
DC-HSDPA Subtest-4	Ant.31	23.00	23.00	23.00	23.00	23.00

HSUPA Subtest-1	Ant.31	24.00	24.00	24.00	24.00	24.00
HSUPA Subtest-2	Ant.31	22.00	22.00	22.00	22.00	22.00
HSUPA Subtest-3	Ant.31	23.00	23.00	23.00	23.00	23.00
HSUPA Subtest-4	Ant.31	22.00	22.00	22.00	22.00	22.00
HSUPA Subtest-5	Ant.31	24.00	24.00	24.00	24.00	24.00
HSPA+	Ant.31	25.00	25.00	25.00	25.00	25.00
LTE Band2	Ant.31	24.50	24.50	24.50	20.50	20.50
LTE Band4	Ant.31	24.50	24.50	24.50	22.00	22.00
LTE Band5	Ant.31	25.00	25.00	25.00	25.00	25.00
LTE Band7	Ant.31	24.50	24.50	24.50	22.50	22.50
LTE Band13	Ant.31	24.00	24.00	24.00	24.00	24.00
LTE Band18	Ant.31	25.00	25.00	25.00	25.00	25.00
LTE Band19	Ant.31	25.00	25.00	25.00	25.00	25.00
LTE Band26	Ant.31	25.00	25.00	25.00	25.00	25.00
LTE Band66	Ant.31	24.50	24.50	24.50	22.00	22.00
LTE Band38	Ant.31	25.00	25.00	25.00	25.00	25.00
LTE Band41	Ant.31	25.00	25.00	25.00	25.00	25.00

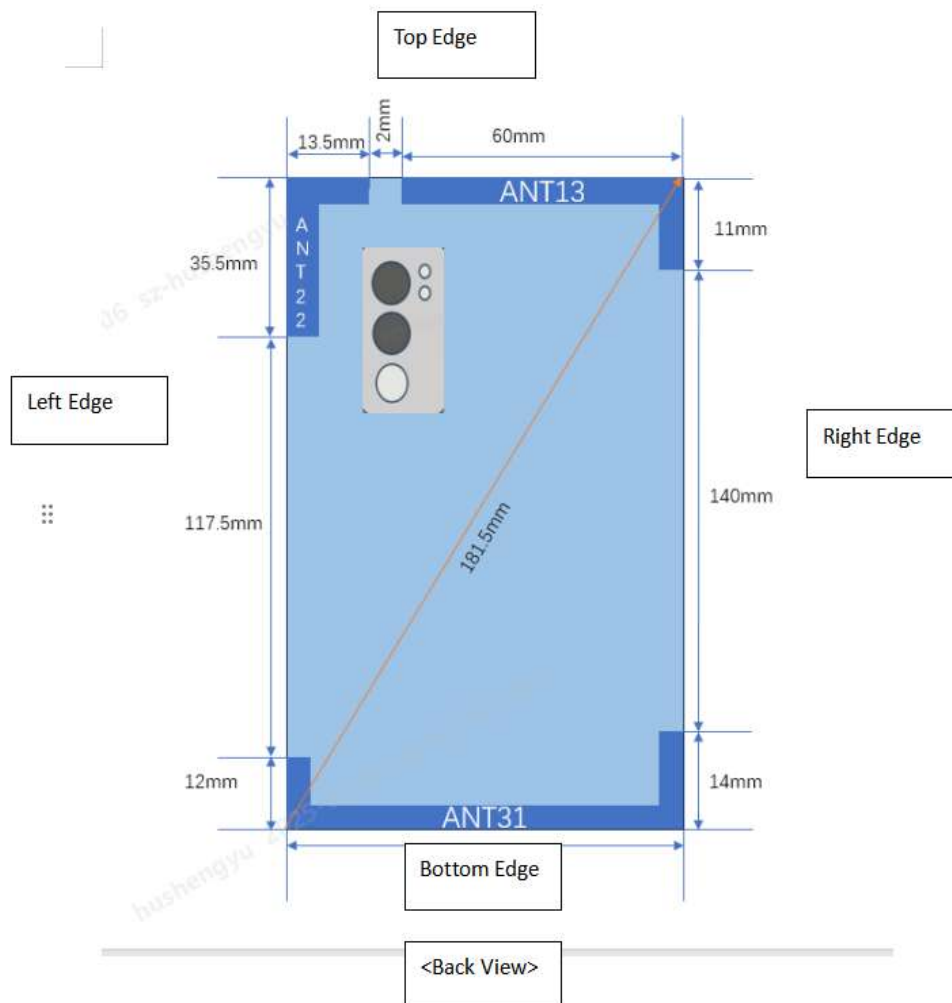
WIFI Reduced power level table

Reduced State	Receiver state	Transmitting conditions
Level1	On (Head scenario)	WIFI 2.4G Only WIFI 5G Only
Level2	On (Head scenario)	WWAN + WIFI 2.4G; WWAN+WIFI5G
Level3	Off (Body scenario)	WIFI 2.4G Only WIFI 5G Only
Level4	Off (Body scenario)	WWAN + WIFI 2.4G; WWAN+WIFI5G

Mode	Antenna	WIFI Antenna3				
		Full Power	Head		Body	
			Receiver on		Receiver off	
			Level1	Level2	Body-worm/Specific	Hotspot
2.4G WIFI 802.11b	Ant.22	20.00	18.50	17.00	20.00	19.00
2.4G WIFI 802.11g	Ant.22	19.00	18.50	17.00	19.00	19.00
2.4G WIFI 802.11n20	Ant.22	18.00	18.00	17.00	18.00	18.00
2.4G WIFI 802.11n40	Ant.22	18.00	18.00	17.00	18.00	18.00
2.4G WIFI 802.11ac20	Ant.22	18.00	18.00	17.00	18.00	18.00
2.4G WIFI 802.11ac40	Ant.22	18.00	18.00	17.00	18.00	18.00
5.2G WIFI 802.11a	Ant.22	20.00	15.50	14.00	20.00	13.50
5.2G WIFI 802.11n20	Ant.22	19.50	15.50	14.00	19.50	13.50
5.2G WIFI 802.11n40	Ant.22	19.50	15.50	14.00	19.50	13.50
5.2G WIFI 802.11ac20	Ant.22	19.00	15.50	14.00	19.00	13.50
5.2G WIFI 802.11ac40	Ant.22	19.00	15.50	14.00	19.00	13.50
5.2G WIFI 802.11ac80	Ant.22	15.00	15.00	14.00	15.00	13.50
5.3G WIFI 802.11a	Ant.22	20.00	15.50	14.00	20.00	13.50
5.3G WIFI 802.11n20	Ant.22	19.50	15.50	14.00	19.50	13.50
5.3G WIFI 802.11n40	Ant.22	19.50	15.50	14.00	19.50	13.50
5.3G WIFI 802.11ac20	Ant.22	19.00	15.50	14.00	19.00	13.50
5.3G WIFI 802.11ac40	Ant.22	19.00	15.50	14.00	19.00	13.50
5.3G WIFI 802.11ac80	Ant.22	13.00	13.00	13.00	13.00	13.00
5.6G WIFI 802.11a	Ant.22	20.00	16.00	15.00	20.00	12.50
5.6G WIFI 802.11n20	Ant.22	19.50	16.00	15.00	19.50	12.50
5.6G WIFI 802.11n40	Ant.22	19.50	16.00	15.00	19.50	12.50
5.6G WIFI 802.11ac20	Ant.22	19.00	16.00	15.00	19.00	12.50
5.6G WIFI 802.11ac40	Ant.22	19.00	16.00	15.00	19.00	12.50
5.6G WIFI 802.11ac80	Ant.22	18.50	16.00	15.00	18.50	12.50
5.8G WIFI 802.11a	Ant.22	20.00	15.00	13.50	20.00	12.50
5.8G WIFI 802.11n20	Ant.22	19.50	15.00	13.50	19.50	12.50
5.8G WIFI 802.11n40	Ant.22	19.50	15.00	13.50	19.50	12.50

5.8G WIFI 802.11ac20	Ant.22	19.00	15.00	13.50	19.00	12.50
5.8G WIFI 802.11ac40	Ant.22	19.00	15.00	13.50	19.00	12.50
5.8G WIFI 802.11ac80	Ant.22	18.50	15.00	13.50	18.50	12.50
Bluetooth	Ant.22	12.50	12.50	12.50	12.50	12.50

9 TEST EXCLUSION CONSIDERATION



Antenna	Support Bands
Ant.13	GSM850/1900, WCDMA B2/4/5, LTE B2/4/5/7/13/18/19/26/66/38/41
Ant.31	GSM850/1900, WCDMA B2/4/5, LTE B2/4/5/7/13/18/19/26/66/38/41
Ant.22	WIFI2.4G/5G Bluetooth
When the receiver is opened, some frequency band(GSM1900,WB2/4,LTEB2/4/5/7/18/19/26/66) will be locked in the 31 #antenna, and the 13 #antenna has no power	

10 TEST RESULT

10.1 GSM 850

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune-power(dBm)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head													
Ant.13	DSI1	4Slots	Left Cheek	0	128	824.2	0.19	0.433	24.70	25.50	1.202	0.520	/
	DSI1		Left Tilt	0	128	824.2	-0.06	0.406	24.70	25.50	1.202	0.488	/
	DSI1		Right Cheek	0	128	824.2	-0.12	0.784	24.70	25.50	1.202	0.942	1#
	DSI1		Right Tilt	0	128	824.2	0.13	0.602	24.70	25.50	1.202	0.724	/
	DSI1		Right Cheek	0	190	848.8	0.06	0.741	24.59	25.50	1.233	0.914	/
	DSI1		Right Cheek	0	251	848.8	-0.14	0.723	24.65	25.50	1.216	0.879	/
Ant.13	DSI3	4Slots	Left Cheek	0	128	824.2	0.12	0.386	24.31	25.00	1.172	0.452	/
	DSI3		Left Tilt	0	128	824.2	-0.01	0.362	24.31	25.00	1.172	0.424	/
	DSI3		Right Cheek	0	128	824.2	-0.07	0.699	24.31	25.00	1.172	0.819	/
	DSI3		Right Tilt	0	128	824.2	-0.11	0.537	24.31	25.00	1.172	0.629	/
	DSI3		Right Cheek	0	190	848.8	0.10	0.660	24.16	25.00	1.213	0.801	/
	DSI3		Right Cheek	0	251	848.8	0.01	0.644	24.25	25.00	1.189	0.766	/
Ant.31	DSI1	2Slots	Left Cheek	0	190	836.6	-0.05	0.016	29.95	31.00	1.274	0.020	/
	DSI1		Left Tilt	0	190	836.6	0.08	0.009	29.95	31.00	1.274	0.011	/
	DSI1		Right Cheek	0	190	836.6	-0.07	0.028	29.95	31.00	1.274	0.036	/
	DSI1		Right Tilt	0	190	836.6	0.08	0.011	29.95	31.00	1.274	0.014	/
Head-Battery2													
Ant.13	DSI1	4Slots	Right Cheek	0	128	824.2	-0.05	0.781	24.70	25.50	1.202	0.939	/
	DSI1			0	190	848.8	0.14	0.733	24.59	25.50	1.233	0.904	/
	DSI1			0	251	848.8	-0.17	0.715	24.65	25.50	1.216	0.869	/
Body-worn													
Ant.13	DSI2	2Slots	Front Side	15	190	836.6	0.19	0.122	29.95	31.00	1.274	0.155	/
	DSI2		Back Side	15	190	836.6	-0.05	0.154	29.95	31.00	1.274	0.196	2#
Ant.31	DSI2	2Slots	Front Side	15	190	836.6	0.00	0.048	29.95	31.00	1.274	0.061	/
	DSI2		Back Side	15	190	836.6	-0.02	0.055	29.95	31.00	1.274	0.070	/
Hotspot													
Ant.13	DSI4	2Slots	Front Side	10	190	836.6	-0.10	0.171	29.72	31.00	1.343	0.230	/
	DSI4		Back Side	10	190	836.6	0.10	0.163	29.72	31.00	1.343	0.219	/
	DSI4		Left Edge	10	190	836.6	0.03	0.055	29.72	31.00	1.343	0.074	/
	DSI4		Right Edge	10	190	836.6	-0.07	0.101	29.72	31.00	1.343	0.136	/
	DSI4		Top Edge	10	190	836.6	-0.02	0.187	29.72	31.00	1.343	0.251	3#
Ant.31	DSI4	2Slots	Front Side	10	190	836.6	0.07	0.068	29.95	31.00	1.274	0.087	/
	DSI4		Back Side	10	190	836.6	0.01	0.109	29.95	31.00	1.274	0.139	/
	DSI4		Left Edge	10	190	836.6	-0.02	0.011	29.95	31.00	1.274	0.014	/

	DSI4		Right Edge	10	190	836.6	-0.15	0.057	29.95	31.00	1.274	0.073	/
	DSI4		Bottom Edge	10	190	836.6	-0.13	0.102	29.95	31.00	1.274	0.130	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.2GSM 1900

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune-power(dBm)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head													
Ant.31	DSI1	4Slots	Left Cheek	0	661	1880	0.05	0.079	26.14	26.50	1.086	0.086	4#
	DSI1		Left Tilt	0	661	1880	0.12	0.047	26.14	26.50	1.086	0.051	/
	DSI1		Right Cheek	0	661	1880	0.01	0.054	26.14	26.50	1.086	0.059	/
	DSI1		Right Tilt	0	661	1880	-0.03	0.042	26.14	26.50	1.086	0.046	/
Body-worn													
Ant.13	DSI2	4Slots	Front Side	15	661	1880	0.05	0.202	21.88	23.50	1.452	0.293	/
	DSI2		Back Side	15	661	1880	0.03	0.188	21.88	23.50	1.452	0.273	/
Ant.31	DSI2	4Slots	Front Side	15	661	1880	-0.01	0.191	23.95	25.50	1.429	0.273	/
	DSI2		Back Side	15	661	1880	0.16	0.214	23.95	25.50	1.429	0.306	5#
Hotspot													
Ant.13	DSI4	4Slots	Front Side	10	661	1880	0.08	0.104	21.50	23.00	1.413	0.147	/
	DSI4		Back Side	10	661	1880	0.09	0.105	21.50	23.00	1.413	0.148	/
	DSI4		Left Edge	10	661	1880	0.04	0.012	21.50	23.00	1.413	0.017	/
	DSI4		Right Edge	10	661	1880	0.06	0.037	21.50	23.00	1.413	0.052	/
	DSI4		Top Edge	10	661	1880	0.18	0.258	21.50	23.00	1.413	0.365	/
Ant.31	DSI4	4Slots	Front Side	10	661	1880	0.06	0.284	23.95	25.00	1.274	0.362	/
	DSI4		Back Side	10	661	1880	-0.18	0.421	23.95	25.00	1.274	0.536	/
	DSI4		Left Edge	10	661	1880	0.13	0.136	23.95	25.00	1.274	0.173	/
	DSI4		Right Edge	10	661	1880	-0.02	0.068	23.95	25.00	1.274	0.087	/
	DSI4		Bottom Edge	10	661	1880	0.12	0.505	23.95	25.00	1.274	0.643	6#
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.3WCDMA Band 2

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune-power(dBm)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head													
Ant.31	DSI1&3	RMC	Left Cheek	0	9400	1880	0.06	0.124	23.75	24.50	1.189	0.147	7#
	DSI1&3		Left Tilt	0	9400	1880	0.07	0.063	23.75	24.50	1.189	0.075	/
	DSI1&3		Right Cheek	0	9400	1880	0.15	0.102	23.75	24.50	1.189	0.121	/
	DSI1&3		Right Tilt	0	9400	1880	0.15	0.077	23.75	24.50	1.189	0.092	/
Body-worn													
Ant.13	DSI2	RMC	Front Side	15	9400	1880	0.19	0.162	19.19	20.00	1.205	0.195	/
	DSI2		Back Side	15	9400	1880	-0.05	0.173	19.19	20.00	1.205	0.208	8#
Ant.31	DSI2	RMC	Front Side	15	9400	1880	-0.09	0.120	19.68	20.50	1.208	0.145	/
	DSI2		Back Side	15	9400	1880	-0.09	0.129	19.68	20.50	1.208	0.156	/
Hotspot													
Ant.13	DSI4	RMC	Front Side	10	9400	1880	-0.03	0.254	19.19	20.00	1.205	0.306	/
	DSI4		Back Side	10	9400	1880	0.16	0.233	19.19	20.00	1.205	0.281	/
	DSI4		Left Edge	10	9400	1880	-0.11	0.023	19.19	20.00	1.205	0.028	/
	DSI4		Right Edge	10	9400	1880	-0.06	0.071	19.19	20.00	1.205	0.086	/
	DSI4		Top Edge	10	9400	1880	-0.03	0.609	19.19	20.00	1.205	0.734	/
Ant.31	DSI4	RMC	Front Side	10	9400	1880	-0.19	0.235	19.68	20.50	1.208	0.284	/
	DSI4		Back Side	10	9400	1880	0.05	0.355	19.68	20.50	1.208	0.429	/
	DSI4		Left Edge	10	9400	1880	-0.11	0.112	19.68	20.50	1.208	0.135	/
	DSI4		Right Edge	10	9400	1880	0.05	0.053	19.68	20.50	1.208	0.064	/
	DSI4		Bottom Edge	10	9400	1880	-0.08	0.616	19.68	20.50	1.208	0.744	9#
Hotspot-Battery2													
Ant.31	DSI4	RMC	Bottom Edge	10	9400	1880	-0.08	0.550	19.68	20.50	1.208	0.664	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune-power(dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Specific													
Ant.13	DSI2&4	RMC	Top Edge	0	9400	1880	0.08	1.470	19.19	20.00	1.205	1.771	10#
Ant.31	DSI2&4	RMC	Bottom Edge	0	9400	1880	-0.13	1.390	19.68	20.50	1.208	1.679	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.4WCDMA Band 4

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune-power(dBm)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head													
Ant.31	DSI1&3	RMC	Left Cheek	0	1412	1732.4	0.10	0.026	24.08	25.00	1.236	0.032	/
	DSI1&3		Left Tilt	0	1412	1732.4	-0.07	0.018	24.08	25.00	1.236	0.022	/
	DSI1&3		Right Cheek	0	1412	1732.4	-0.12	0.023	24.08	25.00	1.236	0.028	/
	DSI1&3		Right Tilt	0	1412	1732.4	0.02	0.036	24.08	25.00	1.236	0.044	11#
Body-worn													
Ant.13	DSI2	RMC	Front Side	15	1412	1732.4	-0.07	0.074	19.69	20.50	1.205	0.089	/
	DSI2		Back Side	15	1412	1732.4	0.05	0.095	19.69	20.50	1.205	0.114	/
Ant.31	DSI2	RMC	Front Side	15	1412	1732.4	0.19	0.091	20.91	22.00	1.285	0.117	/
	DSI2		Back Side	15	1412	1732.4	0.11	0.101	20.91	22.00	1.285	0.130	12#
Hotspot													
Ant.13	DSI4	RMC	Front Side	10	1412	1732.4	0.04	0.245	19.15	20.00	1.216	0.298	/
	DSI4		Back Side	10	1412	1732.4	-0.17	0.166	19.15	20.00	1.216	0.202	/
	DSI4		Left Edge	10	1412	1732.4	-0.03	0.016	19.15	20.00	1.216	0.019	/
	DSI4		Right Edge	10	1412	1732.4	-0.01	0.034	19.15	20.00	1.216	0.041	/
	DSI4		Top Edge	10	1412	1732.4	-0.05	0.440	19.15	20.00	1.216	0.535	/
Ant.31	DSI4	RMC	Front Side	10	1412	1732.4	-0.07	0.356	20.91	22.00	1.285	0.457	/
	DSI4		Back Side	10	1412	1732.4	-0.01	0.233	20.91	22.00	1.285	0.299	/
	DSI4		Left Edge	10	1412	1732.4	-0.01	0.041	20.91	22.00	1.285	0.053	/
	DSI4		Right Edge	10	1412	1732.4	-0.06	0.036	20.91	22.00	1.285	0.046	/
	DSI4		Bottom Edge	10	1412	1732.4	-0.14	0.501	20.91	22.00	1.285	0.644	13#
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune-power(dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Specific													
Ant.13	DSI2	RMC	Top Edge	0	1312	1712.4	-0.16	2.010	19.69	20.50	1.205	2.422	/
	DSI2		Top Edge	0	1412	1732.4	0.19	1.880	19.61	20.50	1.227	2.307	/
	DSI2		Top Edge	0	1513	1752.6	0.06	1.930	19.52	20.50	1.253	2.418	/
Ant.13	DSI4	RMC	Top Edge	0	1312	1712.4	0.12	1.620	19.15	20.00	1.216	1.970	/
Ant.31	DSI2&4	RMC	Bottom Edge	0	1412	1732.4	0.17	2.140	20.91	22.00	1.285	2.750	14#
	DSI2&4		Bottom Edge	0	1312	1712.4	0.19	2.020	20.85	22.00	1.303	2.632	/
	DSI2&4		Bottom Edge	0	1513	1752.6	-0.14	2.110	20.87	22.00	1.297	2.737	/
Specific-Battery2													
Ant.31	DSI2&4	RMC	Bottom Edge	0	1412	1732.4	-0.07	1.730	20.91	22.00	1.285	2.223	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.5WCDMA Band 5

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune-power(dBm)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head													
Ant.13	DSI1&3	RMC	Left Cheek	0	4182	836.4	0.04	0.316	20.09	21.00	1.233	0.390	/
	DSI1&3		Left Tilt	0	4182	836.4	0.09	0.288	20.09	21.00	1.233	0.355	/
	DSI1&3		Right Cheek	0	4182	836.4	-0.12	0.405	20.09	21.00	1.233	0.499	15#
	DSI1&3		Right Tilt	0	4182	836.4	0.04	0.311	20.09	21.00	1.233	0.383	/
Ant.31	DSI1&3	RMC	Left Cheek	0	4182	836.4	-0.06	0.058	24.12	25.00	1.225	0.071	/
	DSI1&3		Left Tilt	0	4182	836.4	-0.04	0.032	24.12	25.00	1.225	0.039	/
	DSI1&3		Right Cheek	0	4182	836.4	-0.04	0.041	24.12	25.00	1.225	0.050	/
	DSI1&3		Right Tilt	0	4182	836.4	0.10	0.021	24.12	25.00	1.225	0.026	/
Body-worn													
Ant.13	DSI2	RMC	Front Side	15	4182	836.4	0.19	0.116	23.53	25.00	1.403	0.163	/
	DSI2		Back Side	15	4182	836.4	-0.01	0.182	23.53	25.00	1.403	0.255	16#
Ant.31	DSI2	RMC	Front Side	15	4182	836.4	0.18	0.116	24.12	25.00	1.225	0.142	/
	DSI2		Back Side	15	4182	836.4	-0.09	0.113	24.12	25.00	1.225	0.138	/
Hotspot													
Ant.13	DSI4	RMC	Front Side	10	4182	836.4	0.00	0.181	23.53	25.00	1.403	0.254	/
	DSI4		Back Side	10	4182	836.4	0.14	0.185	23.53	25.00	1.403	0.260	/
	DSI4		Left Edge	10	4182	836.4	0.13	0.056	23.53	25.00	1.403	0.079	/
	DSI4		Right Edge	10	4182	836.4	-0.11	0.141	23.53	25.00	1.403	0.198	/
	DSI4		Top Edge	10	4182	836.4	-0.15	0.205	23.53	25.00	1.403	0.288	17#
Ant.31	DSI4	RMC	Front Side	10	4182	836.4	-0.13	0.118	24.12	25.00	1.225	0.145	/
	DSI4		Back Side	10	4182	836.4	-0.16	0.196	24.12	25.00	1.225	0.240	/
	DSI4		Left Edge	10	4182	836.4	0.19	0.075	24.12	25.00	1.225	0.092	/
	DSI4		Right Edge	10	4182	836.4	0.14	0.135	24.12	25.00	1.225	0.165	/
	DSI4		Bottom Edge	10	4182	836.4	-0.14	0.175	24.12	25.00	1.225	0.214	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.6LTE Band 2 (20MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	19100	1900	1	Mid	0.04	0.095	23.66	24.50	1.213	0.115	18#
	DSI1&3		Left Tilt	0	19100	1900	1	Mid	0.07	0.067	23.66	24.50	1.213	0.081	/
	DSI1&3		Right Cheek	0	19100	1900	1	Mid	-0.11	0.082	23.66	24.50	1.213	0.099	/
	DSI1&3		Right Tilt	0	19100	1900	1	Mid	0.04	0.064	23.66	24.50	1.213	0.078	/
	DSI1&3		Left Cheek	0	19100	1900	50	Low	-0.04	0.083	22.42	23.50	1.282	0.106	/
	DSI1&3		Left Tilt	0	19100	1900	50	Low	0.00	0.044	22.42	23.50	1.282	0.056	/
	DSI1&3		Right Cheek	0	19100	1900	50	Low	-0.13	0.071	22.42	23.50	1.282	0.091	/
	DSI1&3		Right Tilt	0	19100	1900	50	Low	-0.06	0.032	22.42	23.50	1.282	0.041	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	19100	1900	1	Mid	-0.18	0.113	18.82	19.50	1.169	0.132	/
	DSI2		Back Side	15	19100	1900	1	Mid	0.01	0.173	18.82	19.50	1.169	0.202	19#
	DSI2		Front Side	15	19100	1900	50	Mid	0.05	0.104	18.50	19.50	1.259	0.131	/
	DSI2		Back Side	15	19100	1900	50	Mid	-0.15	0.156	18.50	19.50	1.259	0.196	/
Ant.31	DSI2	QPSK	Front Side	15	19100	1900	1	Mid	-0.01	0.115	19.89	20.50	1.151	0.132	/
	DSI2		Back Side	15	19100	1900	1	Mid	-0.08	0.156	19.89	20.50	1.151	0.180	/
	DSI2		Front Side	15	19100	1900	50	Mid	0.18	0.102	19.75	20.50	1.189	0.121	/
	DSI2		Back Side	15	19100	1900	50	Mid	-0.03	0.143	19.75	20.50	1.189	0.170	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	19100	1900	1	Mid	-0.09	0.226	18.82	19.50	1.169	0.264	/
	DSI4		Back Side	10	19100	1900	1	Mid	0.00	0.214	18.82	19.50	1.169	0.250	/
	DSI4		Left Edge	10	19100	1900	1	Mid	0.02	0.011	18.82	19.50	1.169	0.013	/
	DSI4		Right Edge	10	19100	1900	1	Mid	-0.04	0.036	18.82	19.50	1.169	0.042	/
	DSI4		Top Edge	10	19100	1900	1	Mid	-0.11	0.517	18.82	19.50	1.169	0.604	/
	DSI4		Front Side	10	19100	1900	50	Mid	-0.11	0.202	18.50	19.50	1.259	0.254	/
	DSI4		Back Side	10	19100	1900	50	Mid	-0.16	0.195	18.50	19.50	1.259	0.246	/
	DSI4		Left Edge	10	19100	1900	50	Mid	0.03	0.008	18.50	19.50	1.259	0.010	/
	DSI4		Right Edge	10	19100	1900	50	Mid	-0.04	0.032	18.50	19.50	1.259	0.040	/
	DSI4		Top Edge	10	19100	1900	50	Mid	0.13	0.462	18.50	19.50	1.259	0.582	/
Ant.31	DSI4	QPSK	Front Side	10	19100	1900	1	Mid	0.09	0.311	19.89	20.50	1.151	0.358	/
	DSI4		Back Side	10	19100	1900	1	Mid	-0.18	0.356	19.89	20.50	1.151	0.410	/
	DSI4		Left Edge	10	19100	1900	1	Mid	-0.08	0.102	19.89	20.50	1.151	0.117	/
	DSI4		Right Edge	10	19100	1900	1	Mid	0.01	0.041	19.89	20.50	1.151	0.047	/
	DSI4		Bottom Edge	10	19100	1900	1	Mid	0.06	0.626	19.89	20.50	1.151	0.721	20#
	DSI4		Front Side	10	19100	1900	50	Mid	-0.13	0.285	19.75	20.50	1.189	0.339	/
	DSI4		Back Side	10	19100	1900	50	Mid	-0.13	0.322	19.75	20.50	1.189	0.383	/
	DSI4		Left Edge	10	19100	1900	50	Mid	0.16	0.095	19.75	20.50	1.189	0.113	/

	DSI4		Right Edge	10	19100	1900	50	Mid	-0.03	0.036	19.75	20.50	1.189	0.043	/
	DSI4		Bottom Edge	10	19100	1900	50	Mid	-0.14	0.602	19.75	20.50	1.189	0.716	/
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	10 g Scaled SAR (W/kg)	Meas. No.
Specific															
Ant.13	DSI2&4	QPSK	Top Edge	0	19100	1900	1	Mid	-0.07	1.280	18.82	19.50	1.169	1.496	21#
	DSI2&4		Top Edge	0	19100	1900	50	Mid	0.08	1.060	18.50	19.50	1.259	1.335	/
Ant.31	DSI2&4	QPSK	Bottom Edge	0	19100	1900	1	Mid	0.18	0.922	19.69	20.50	1.205	1.111	/
	DSI2&4		Bottom Edge	0	19100	1900	50	Mid	0.05	0.887	19.59	20.50	1.233	1.094	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.7LTE Band 4 (20MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	20175	1732.5	1	Mid	0.09	0.029	23.64	24.50	1.219	0.035	22#
	DSI1&3		Left Tilt	0	20175	1732.5	1	Mid	0.13	0.016	23.64	24.50	1.219	0.020	/
	DSI1&3		Right Cheek	0	20175	1732.5	1	Mid	0.13	0.022	23.64	24.50	1.219	0.027	/
	DSI1&3		Right Tilt	0	20175	1732.5	1	Mid	0.07	0.011	23.64	24.50	1.219	0.013	/
	DSI1&3		Left Cheek	0	20175	1732.5	50	Mid	0.19	0.023	22.70	23.50	1.202	0.028	/
	DSI1&3		Left Tilt	0	20175	1732.5	50	Mid	-0.08	0.015	22.70	23.50	1.202	0.018	/
	DSI1&3		Right Cheek	0	20175	1732.5	50	Mid	-0.06	0.018	22.70	23.50	1.202	0.022	/
	DSI1&3		Right Tilt	0	20175	1732.5	50	Mid	-0.04	0.009	22.70	23.50	1.202	0.011	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	20175	1732.5	1	Mid	-0.17	0.121	19.68	21.00	1.355	0.164	/
	DSI2		Back Side	15	20175	1732.5	1	Mid	-0.16	0.116	19.68	21.00	1.355	0.157	/
	DSI2		Front Side	15	20175	1732.5	50	Mid	0.02	0.131	19.74	21.00	1.337	0.175	23#
	DSI2		Back Side	15	20175	1732.5	50	Mid	-0.08	0.095	19.74	21.00	1.337	0.127	/
Ant.31	DSI2	QPSK	Front Side	15	20175	1732.5	1	Low	0.06	0.095	20.81	22.00	1.315	0.125	/
	DSI2		Back Side	15	20175	1732.5	1	Low	-0.17	0.112	20.81	22.00	1.315	0.147	/
	DSI2		Front Side	15	20175	1732.5	50	Mid	0.07	0.073	20.68	22.00	1.355	0.099	/
	DSI2		Back Side	15	20175	1732.5	50	Mid	0.12	0.121	20.68	22.00	1.355	0.164	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	20175	1732.5	1	Low	-0.18	0.234	19.22	20.50	1.343	0.314	/
	DSI4		Back Side	10	20175	1732.5	1	Low	0.18	0.166	19.22	20.50	1.343	0.223	/
	DSI4		Left Edge	10	20175	1732.5	1	Low	0.14	0.008	19.22	20.50	1.343	0.011	/
	DSI4		Right Edge	10	20175	1732.5	1	Low	0.19	0.018	19.22	20.50	1.343	0.024	/
	DSI4		Top Edge	10	20175	1732.5	1	Low	-0.04	0.413	19.22	20.50	1.343	0.555	/
	DSI4		Front Side	10	20175	1732.5	50	Mid	-0.05	0.223	19.12	20.50	1.374	0.306	/
	DSI4		Back Side	10	20175	1732.5	50	Mid	0.02	0.156	19.12	20.50	1.374	0.214	/
	DSI4		Left Edge	10	20175	1732.5	50	Mid	0.02	0.005	19.12	20.50	1.374	0.007	/
	DSI4		Right Edge	10	20175	1732.5	50	Mid	0.09	0.015	19.12	20.50	1.374	0.021	/
	DSI4		Top Edge	10	20175	1732.5	50	Mid	-0.19	0.385	19.12	20.50	1.374	0.529	/
Ant.31	DSI4	QPSK	Front Side	10	20175	1732.5	1	Mid	0.12	0.175	20.81	22.00	1.315	0.230	/
	DSI4		Back Side	10	20175	1732.5	1	Mid	0.06	0.288	20.81	22.00	1.315	0.379	/
	DSI4		Left Edge	10	20175	1732.5	1	Mid	0.03	0.053	20.81	22.00	1.315	0.070	/
	DSI4		Right Edge	10	20175	1732.5	1	Mid	-0.17	0.032	20.81	22.00	1.315	0.042	/
	DSI4		Bottom Edge	10	20175	1732.5	1	Mid	0.05	0.502	20.81	22.00	1.315	0.660	24#
	DSI4		Front Side	10	20175	1732.5	50	Mid	0.08	0.166	20.68	22.00	1.355	0.225	/
	DSI4		Back Side	10	20175	1732.5	50	Mid	0.17	0.274	20.68	22.00	1.355	0.371	/
	DSI4		Left Edge	10	20175	1732.5	50	Mid	-0.16	0.046	20.68	22.00	1.355	0.062	/

	DSI4		Right Edge	10	20175	1732.5	50	Mid	0.04	0.029	20.68	22.00	1.355	0.039	/
	DSI4		Bottom Edge	10	20175	1732.5	50	Mid	0.07	0.479	20.68	22.00	1.355	0.649	/
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	10 g Scaled SAR (W/kg)	Meas. No.
Specific															
Ant.13	DSI2	QPSK	Top Edge	10	20175	1732.5	1	Low	-0.05	1.970	19.68	21.00	1.355	2.669	25#
	DSI2		Top Edge	10	20175	1732.5	50	Mid	0.11	1.910	19.74	21.00	1.337	2.554	/
	DSI2		Top Edge	10	20050	1720	1	Mid	-0.06	1.850	19.64	21.00	1.368	2.531	/
	DSI2		Top Edge	10	20300	1745	1	Mid	-0.14	1.880	19.64	21.00	1.368	2.572	/
	DSI2		Top Edge	10	20050	1720	50	Mid	0.19	1.740	19.69	21.00	1.352	2.352	/
	DSI2		Top Edge	10	20300	1745	50	Mid	0.07	1.790	19.74	21.00	1.337	2.393	/
	DSI2		Top Edge	10	20175	1732.5	100	Low	0.03	1.840	19.64	21.00	1.368	2.517	/
Ant.13	DSI4	QPSK	Top Edge	10	20175	1732.5	1	Low	0.18	1.660	19.22	20.50	1.343	2.229	/
	DSI4		Top Edge	10	20175	1732.5	50	Mid	0.05	1.610	19.12	20.50	1.374	2.212	/
	DSI4		Top Edge	10	20050	1720	1	Mid	0.05	1.630	19.20	20.50	1.349	2.199	/
	DSI4		Top Edge	10	20300	1745	1	Mid	0.18	1.590	19.15	20.50	1.365	2.170	/
	DSI4		Top Edge	10	20050	1720	50	Mid	-0.13	1.530	19.11	20.50	1.377	2.107	/
	DSI4		Top Edge	10	20300	1745	50	High	0.03	1.560	19.08	20.50	1.387	2.164	/
	DSI4		Top Edge	10	20175	1732.5	100	Low	-0.07	1.610	19.15	20.50	1.365	2.198	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.8LTE Band 5 (10MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	20525	836.5	1	Mid	-0.02	0.126	24.16	25.00	1.213	0.153	26#
	DSI1&3		Left Tilt	0	20525	836.5	1	Mid	-0.18	0.087	24.16	25.00	1.213	0.106	/
	DSI1&3		Right Cheek	0	20525	836.5	1	Mid	0.10	0.111	24.16	25.00	1.213	0.135	/
	DSI1&3		Right Tilt	0	20525	836.5	1	Mid	-0.02	0.068	24.16	25.00	1.213	0.082	/
	DSI1&3		Left Cheek	0	20525	836.5	25	Low	0.03	0.113	23.15	24.00	1.216	0.137	/
	DSI1&3		Left Tilt	0	20525	836.5	25	Low	0.03	0.052	23.15	24.00	1.216	0.063	/
	DSI1&3		Right Cheek	0	20525	836.5	25	Low	-0.17	0.102	23.15	24.00	1.216	0.124	/
	DSI1&3		Right Tilt	0	20525	836.5	25	Low	-0.19	0.063	23.15	24.00	1.216	0.077	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	20525	836.5	1	Mid	0.19	0.110	24.20	25.00	1.202	0.132	/
	DSI2		Back Side	15	20525	836.5	1	Mid	-0.18	0.152	24.20	25.00	1.202	0.183	27#
	DSI2		Front Side	15	20525	836.5	25	Mid	-0.06	0.102	23.19	24.00	1.205	0.123	/
	DSI2		Back Side	15	20525	836.5	25	Mid	0.12	0.133	23.19	24.00	1.205	0.160	/
Ant.31	DSI2	QPSK	Front Side	15	20525	836.5	1	Mid	0.18	0.111	24.16	25.00	1.213	0.135	/
	DSI2		Back Side	15	20525	836.5	1	Mid	0.18	0.011	24.16	25.00	1.213	0.013	/
	DSI2		Front Side	15	20525	836.5	25	Low	-0.08	0.083	23.15	24.00	1.216	0.101	/
	DSI2		Back Side	15	20525	836.5	25	Low	-0.05	0.088	23.15	24.00	1.216	0.107	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	20525	836.5	1	Mid	0.08	0.153	24.20	25.00	1.202	0.184	/
	DSI4		Back Side	10	20525	836.5	1	Mid	0.01	0.133	24.20	25.00	1.202	0.160	/
	DSI4		Left Edge	10	20525	836.5	1	Mid	0.04	0.022	24.20	25.00	1.202	0.026	/
	DSI4		Right Edge	10	20525	836.5	1	Mid	-0.05	0.095	24.20	25.00	1.202	0.114	/
	DSI4		Top Edge	10	20525	836.5	1	Mid	-0.05	0.165	24.20	25.00	1.202	0.198	28#
	DSI4		Front Side	10	20525	836.5	25	Mid	0.08	0.117	23.19	24.00	1.205	0.141	/
	DSI4		Back Side	10	20525	836.5	25	Mid	0.13	0.109	23.19	24.00	1.205	0.131	/
	DSI4		Left Edge	10	20525	836.5	25	Mid	0.12	0.016	23.19	24.00	1.205	0.019	/
	DSI4		Right Edge	10	20525	836.5	25	Mid	-0.16	0.074	23.19	24.00	1.205	0.089	/
	DSI4		Top Edge	10	20525	836.5	25	Mid	-0.17	0.127	23.19	24.00	1.205	0.153	/
Ant.31	DSI4	QPSK	Front Side	10	20525	836.5	1	Mid	0.07	0.095	24.16	25.00	1.213	0.115	/
	DSI4		Back Side	10	20525	836.5	1	Mid	0.03	0.155	24.16	25.00	1.213	0.188	/
	DSI4		Left Edge	10	20525	836.5	1	Mid	0.07	0.041	24.16	25.00	1.213	0.050	/
	DSI4		Right Edge	10	20525	836.5	1	Mid	-0.16	0.085	24.16	25.00	1.213	0.103	/
	DSI4		Bottom Edge	10	20525	836.5	1	Mid	0.17	0.133	24.16	25.00	1.213	0.161	/
	DSI4		Front Side	10	20525	836.5	25	Low	0.17	0.065	23.15	24.00	1.216	0.079	/
	DSI4		Back Side	10	20525	836.5	25	Low	0.17	0.113	23.15	24.00	1.216	0.137	/
	DSI4		Left Edge	10	20525	836.5	25	Low	-0.18	0.037	23.15	24.00	1.216	0.045	/

	DSI4		Right Edge	10	20525	836.5	25	Low	0.14	0.071	23.15	24.00	1.216	0.086	/
	DSI4		Bottom Edge	10	20450	829	25	Low	-0.16	0.103	23.15	24.00	1.216	0.125	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.9LTE Band 7 (20MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	21100	2535	1	Mid	-0.15	0.194	23.82	24.50	1.169	0.227	/
	DSI1&3		Left Tilt	0	21100	2535	1	Mid	-0.11	0.202	23.82	24.50	1.169	0.236	/
	DSI1&3		Right Cheek	0	21100	2535	1	Mid	-0.06	0.301	23.82	24.50	1.169	0.352	29#
	DSI1&3		Right Tilt	0	21100	2535	1	Mid	-0.15	0.241	23.82	24.50	1.169	0.282	/
	DSI1&3		Left Cheek	0	21100	2535	50	Mid	0.11	0.145	22.59	23.50	1.233	0.179	/
	DSI1&3		Left Tilt	0	21100	2535	50	Mid	0.14	0.154	22.59	23.50	1.233	0.190	/
	DSI1&3		Right Cheek	0	21100	2535	50	Mid	-0.02	0.248	22.59	23.50	1.233	0.306	/
	DSI1&3		Right Tilt	0	21100	2535	50	Mid	-0.10	0.184	22.59	23.50	1.233	0.227	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	21100	2535	1	Mid	-0.17	0.051	17.52	18.00	1.117	0.057	/
	DSI2		Back Side	15	21100	2535	1	Mid	0.06	0.098	17.52	18.00	1.117	0.109	/
	DSI2		Front Side	15	21100	2535	50	Mid	0.06	0.052	17.25	18.00	1.189	0.062	/
	DSI2		Back Side	15	21100	2535	50	Mid	-0.10	0.085	17.25	18.00	1.189	0.101	/
Ant.31	DSI2	QPSK	Front Side	15	21100	2535	1	Mid	0.03	0.122	21.62	22.50	1.225	0.149	/
	DSI2		Back Side	15	21100	2535	1	Mid	0.12	0.155	21.62	22.50	1.225	0.190	30#
	DSI2		Front Side	15	21100	2535	50	Mid	0.17	0.101	21.46	22.50	1.271	0.128	/
	DSI2		Back Side	15	21100	2535	50	Mid	-0.02	0.148	21.46	22.50	1.271	0.188	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	21100	2535	1	Mid	-0.19	0.115	17.52	18.00	1.117	0.128	/
	DSI4		Back Side	10	21100	2535	1	Mid	-0.19	0.172	17.52	18.00	1.117	0.192	/
	DSI4		Left Edge	10	21100	2535	1	Mid	0.01	0.004	17.52	18.00	1.117	0.004	/
	DSI4		Right Edge	10	21100	2535	1	Mid	-0.09	0.032	17.52	18.00	1.117	0.036	/
	DSI4		Top Edge	10	21100	2535	1	Mid	-0.02	0.340	17.52	18.00	1.117	0.380	/
	DSI4		Front Side	10	21100	2535	50	Mid	-0.06	0.097	17.25	18.00	1.189	0.115	/
	DSI4		Back Side	10	21100	2535	50	Mid	0.04	0.156	17.25	18.00	1.189	0.185	/
	DSI4		Left Edge	10	21100	2535	50	Mid	0.09	0.002	17.25	18.00	1.189	0.002	/
	DSI4		Right Edge	10	21100	2535	50	Mid	0.11	0.026	17.25	18.00	1.189	0.031	/
	DSI4		Top Edge	10	21100	2535	50	Mid	0.18	0.332	17.25	18.00	1.189	0.395	/
Ant.31	DSI4	QPSK	Front Side	10	21100	2535	1	Mid	0.02	0.261	21.62	22.50	1.225	0.320	/
	DSI4		Back Side	10	21100	2535	1	Mid	0.12	0.373	21.62	22.50	1.225	0.457	31#
	DSI4		Left Edge	10	21100	2535	1	Mid	-0.01	0.195	21.62	22.50	1.225	0.239	/
	DSI4		Right Edge	10	21100	2535	1	Mid	0.01	0.085	21.62	22.50	1.225	0.104	/
	DSI4		Bottom Edge	10	21100	2535	1	Mid	-0.01	0.233	21.62	22.50	1.225	0.285	/
	DSI4		Front Side	10	21100	2535	50	Mid	0.13	0.274	21.46	22.50	1.271	0.348	/
	DSI4		Back Side	10	21100	2535	50	Mid	0.13	0.356	21.46	22.50	1.271	0.452	/
	DSI4		Left Edge	10	21100	2535	50	Mid	0.06	0.188	21.46	22.50	1.271	0.239	/

	DSI4		Right Edge	10	21100	2535	50	Mid	-0.03	0.061	21.46	22.50	1.271	0.078	/
	DSI4		Bottom Edge	10	21100	2535	50	Mid	-0.10	0.223	21.46	22.50	1.271	0.283	/
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	10 g Scaled SAR (W/kg)	Meas. No.
Specific															
Ant.13	DSI2&4	QPSK	Top Edge	10	21100	2535	1	Mid	-0.10	1.780	17.52	18.00	1.117	1.988	32#
	DSI2&4		Top Edge	10	21100	2535	50	Mid	0.13	1.660	17.25	18.00	1.189	1.974	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.10 LTE Band 13 (10MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.13	DSI1&3	QPSK	Left Cheek	0	23230	782	1	Mid	0.03	0.263	21.80	23.00	1.318	0.347	/
	DSI1&3		Left Tilt	0	23230	782	1	Mid	0.10	0.255	21.80	23.00	1.318	0.336	/
	DSI1&3		Right Cheek	0	23230	782	1	Mid	-0.09	0.361	21.80	23.00	1.318	0.476	33#
	DSI1&3		Right Tilt	0	23230	782	1	Mid	0.15	0.322	21.80	23.00	1.318	0.424	/
	DSI1&3		Left Cheek	0	23230	782	25	Mid	0.10	0.252	21.83	23.00	1.309	0.330	/
	DSI1&3		Left Tilt	0	23230	782	25	Mid	-0.06	0.244	21.83	23.00	1.309	0.319	/
	DSI1&3		Right Cheek	0	23230	782	25	Mid	-0.16	0.356	21.83	23.00	1.309	0.466	/
	DSI1&3		Right Tilt	0	23230	782	25	Mid	-0.15	0.317	21.83	23.00	1.309	0.415	/
Ant.31	DSI1&3	QPSK	Left Cheek	0	23230	782	1	Mid	0.09	0.097	23.15	24.00	1.216	0.118	/
	DSI1&3		Left Tilt	0	23230	782	1	Mid	-0.16	0.061	23.15	24.00	1.216	0.074	/
	DSI1&3		Right Cheek	0	23230	782	1	Mid	-0.03	0.077	23.15	24.00	1.216	0.094	/
	DSI1&3		Right Tilt	0	23230	782	1	Mid	0.10	0.063	23.15	24.00	1.216	0.077	/
	DSI1&3		Left Cheek	0	23230	782	25	Mid	-0.10	0.087	22.29	23.00	1.178	0.102	/
	DSI1&3		Left Tilt	0	23230	782	25	Mid	0.10	0.054	22.29	23.00	1.178	0.064	/
	DSI1&3		Right Cheek	0	23230	782	25	Mid	0.12	0.064	22.29	23.00	1.178	0.075	/
	DSI1&3		Right Tilt	0	23230	782	25	Mid	0.07	0.055	22.29	23.00	1.178	0.065	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	23230	782	1	Mid	0.17	0.082	23.11	24.00	1.227	0.101	/
	DSI2		Back Side	15	23230	782	1	Mid	-0.15	0.097	23.11	24.00	1.227	0.119	34#
	DSI2		Front Side	15	23230	782	25	Low	-0.07	0.060	22.28	23.00	1.180	0.071	/
	DSI2		Back Side	15	23230	782	25	Low	-0.01	0.068	22.28	23.00	1.180	0.080	/
Ant.31	DSI2	QPSK	Front Side	15	23230	782	1	Mid	-0.06	0.080	23.15	24.00	1.216	0.097	/
	DSI2		Back Side	15	23230	782	1	Mid	-0.09	0.089	23.15	24.00	1.216	0.108	/
	DSI2		Front Side	15	23230	782	25	Mid	0.11	0.068	22.29	23.00	1.178	0.080	/
	DSI2		Back Side	15	23230	782	25	Mid	-0.09	0.074	22.29	23.00	1.178	0.087	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	23230	707.5	1	Mid	-0.17	0.055	23.11	24.00	1.227	0.067	/
	DSI4		Back Side	10	23230	707.5	1	Mid	-0.10	0.075	23.11	24.00	1.227	0.092	/
	DSI4		Left Edge	10	23230	707.5	1	Mid	-0.02	0.011	23.11	24.00	1.227	0.013	/
	DSI4		Right Edge	10	23230	707.5	1	Mid	-0.11	0.095	23.11	24.00	1.227	0.117	35#
	DSI4		Top Edge	10	23230	707.5	1	Mid	-0.10	0.069	23.11	24.00	1.227	0.085	/
	DSI4		Front Side	10	23230	707.5	25	Low	0.02	0.039	22.28	23.00	1.180	0.046	/
	DSI4		Back Side	10	23230	707.5	25	Low	-0.18	0.056	22.28	23.00	1.180	0.066	/
	DSI4		Left Edge	10	23230	707.5	25	Low	0.01	0.008	22.28	23.00	1.180	0.009	/
	DSI4		Right Edge	10	23230	707.5	25	Low	0.16	0.068	22.28	23.00	1.180	0.080	/
	DSI4		Top Edge	10	23230	707.5	25	Low	-0.12	0.056	22.28	23.00	1.180	0.066	/

Ant.31	DSI4	QPSK	Front Side	10	23230	707.5	1	Mid	0.02	0.056	23.15	24.00	1.216	0.068	/
	DSI4		Back Side	10	23230	707.5	1	Mid	0.10	0.077	23.15	24.00	1.216	0.094	/
	DSI4		Left Edge	10	23230	707.5	1	Mid	-0.05	0.048	23.15	24.00	1.216	0.058	/
	DSI4		Right Edge	10	23230	707.5	1	Mid	0.15	0.092	23.15	24.00	1.216	0.112	/
	DSI4		Bottom Edge	10	23230	707.5	1	Mid	-0.06	0.083	23.15	24.00	1.216	0.101	/
	DSI4		Front Side	10	23230	707.5	25	Mid	-0.01	0.043	22.29	23.00	1.178	0.051	/
	DSI4		Back Side	10	23230	707.5	25	Mid	-0.17	0.061	22.29	23.00	1.178	0.072	/
	DSI4		Left Edge	10	23230	707.5	25	Mid	0.01	0.038	22.29	23.00	1.178	0.045	/
	DSI4		Right Edge	10	23230	707.5	25	Mid	0.04	0.075	22.29	23.00	1.178	0.088	/
	DSI4		Bottom Edge	10	23230	707.5	25	Mid	-0.12	0.064	22.29	23.00	1.178	0.075	/
	Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.11 LTE Band 18 (15MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	23925	822.5	1	Low	-0.12	0.102	23.70	25.00	1.349	0.138	36#
	DSI1&3		Left Tilt	0	23925	822.5	1	Low	0.17	0.061	23.70	25.00	1.349	0.082	/
	DSI1&3		Right Cheek	0	23925	822.5	1	Low	0.09	0.088	23.70	25.00	1.349	0.119	/
	DSI1&3		Right Tilt	0	23925	822.5	1	Low	0.03	0.058	23.70	25.00	1.349	0.078	/
	DSI1&3		Left Cheek	0	23925	822.5	36	Mid	-0.08	0.086	22.83	24.00	1.309	0.113	/
	DSI1&3		Left Tilt	0	23925	822.5	36	Mid	0.08	0.050	22.83	24.00	1.309	0.065	/
	DSI1&3		Right Cheek	0	23925	822.5	36	Mid	0.05	0.073	22.83	24.00	1.309	0.096	/
	DSI1&3		Right Tilt	0	23925	822.5	36	Mid	0.00	0.044	22.83	24.00	1.309	0.058	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	23925	822.5	1	Mid	-0.17	0.074	23.54	25.00	1.400	0.104	/
	DSI2		Back Side	15	23925	822.5	1	Mid	0.08	0.108	23.54	25.00	1.400	0.151	/
	DSI2		Front Side	15	23925	822.5	36	Mid	-0.12	0.064	22.59	24.00	1.384	0.089	/
	DSI2		Back Side	15	23925	822.5	36	Mid	0.03	0.093	22.59	24.00	1.384	0.129	/
Ant.31	DSI2	QPSK	Front Side	15	23925	822.5	1	Low	-0.03	0.094	23.70	25.00	1.349	0.127	/
	DSI2		Back Side	15	23925	822.5	1	Low	-0.15	0.145	23.70	25.00	1.349	0.196	37#
	DSI2		Front Side	15	23925	822.5	36	Mid	0.11	0.076	22.83	24.00	1.309	0.099	/
	DSI2		Back Side	15	23925	822.5	36	Mid	-0.15	0.112	22.83	24.00	1.309	0.147	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	23925	822.5	1	Low	0.19	0.151	23.54	25.00	1.400	0.211	/
	DSI4		Back Side	10	23925	822.5	1	Low	-0.05	0.301	23.54	25.00	1.400	0.421	38#
	DSI4		Left Edge	10	23925	822.5	1	Low	-0.02	0.015	23.54	25.00	1.400	0.021	/
	DSI4		Right Edge	10	23925	822.5	1	Low	-0.15	0.067	23.54	25.00	1.400	0.094	/
	DSI4		Top Edge	10	23925	822.5	1	Low	0.09	0.180	23.54	25.00	1.400	0.252	/
	DSI4		Front Side	10	23925	822.5	36	High	0.16	0.123	22.59	24.00	1.384	0.170	/
	DSI4		Back Side	10	23925	822.5	36	High	0.01	0.223	22.59	24.00	1.384	0.309	/
	DSI4		Left Edge	10	23925	822.5	36	High	0.11	0.012	22.59	24.00	1.384	0.017	/
	DSI4		Right Edge	10	23925	822.5	36	High	0.17	0.059	22.59	24.00	1.384	0.082	/
	DSI4		Top Edge	10	23925	822.5	36	High	-0.19	0.189	22.59	24.00	1.384	0.262	/
Ant.31	DSI4	QPSK	Front Side	10	23925	822.5	1	Low	-0.15	0.101	23.70	25.00	1.349	0.136	/
	DSI4		Back Side	10	23925	822.5	1	Low	-0.19	0.163	23.70	25.00	1.349	0.220	/
	DSI4		Left Edge	10	23925	822.5	1	Low	-0.04	0.104	23.70	25.00	1.349	0.140	/
	DSI4		Right Edge	10	23925	822.5	1	Low	-0.08	0.097	23.70	25.00	1.349	0.131	/
	DSI4		Bottom Edge	10	23925	822.5	1	Low	-0.05	0.128	23.70	25.00	1.349	0.173	/
	DSI4		Front Side	10	23925	822.5	36	Mid	-0.12	0.083	22.83	24.00	1.309	0.109	/
	DSI4		Back Side	10	23925	822.5	36	Mid	0.06	0.138	22.83	24.00	1.309	0.181	/
	DSI4		Left Edge	10	23925	822.5	36	Mid	0.17	0.097	22.83	24.00	1.309	0.127	/

	DSI4		Right Edge	10	23925	822.5	36	Mid	0.18	0.073	22.83	24.00	1.309	0.096	/
	DSI4		Bottom Edge	10	23925	822.5	36	Mid	0.12	0.095	22.83	24.00	1.309	0.124	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.12 LTE Band 19 (15MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	24075	837.5	1	Low	-0.19	0.082	24.08	25.00	1.236	0.101	/
	DSI1&3		Left Tilt	0	24075	837.5	1	Low	0.13	0.046	24.08	25.00	1.236	0.057	/
	DSI1&3		Right Cheek	0	24075	837.5	1	Low	0.12	0.083	24.08	25.00	1.236	0.103	39#
	DSI1&3		Right Tilt	0	24075	837.5	1	Low	-0.03	0.050	24.08	25.00	1.236	0.062	/
	DSI1&3		Left Cheek	0	24075	837.5	36	High	-0.02	0.066	22.98	24.00	1.265	0.083	/
	DSI1&3		Left Tilt	0	24075	837.5	36	High	0.14	0.047	22.98	24.00	1.265	0.059	/
	DSI1&3		Right Cheek	0	24075	837.5	36	High	-0.02	0.069	22.98	24.00	1.265	0.087	/
	DSI1&3		Right Tilt	0	24075	837.5	36	High	0.15	0.045	22.98	24.00	1.265	0.057	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	24075	837.5	1	Low	0.16	0.097	24.09	25.00	1.233	0.120	/
	DSI2		Back Side	15	24075	837.5	1	Low	-0.07	0.186	24.09	25.00	1.233	0.229	40#
	DSI2		Front Side	15	24075	837.5	36	High	0.01	0.083	23.04	24.00	1.247	0.104	/
	DSI2		Back Side	15	24075	837.5	36	High	-0.07	0.166	23.04	24.00	1.247	0.207	/
Ant.31	DSI2	QPSK	Front Side	15	24075	837.5	1	Low	-0.12	0.114	24.08	25.00	1.236	0.141	/
	DSI2		Back Side	15	24075	837.5	1	Low	-0.02	0.139	24.08	25.00	1.236	0.172	/
	DSI2		Front Side	15	24075	837.5	36	High	-0.07	0.088	22.98	24.00	1.265	0.111	/
	DSI2		Back Side	15	24075	837.5	36	High	0.17	0.116	22.98	24.00	1.265	0.147	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	24075	837.5	1	Low	0.17	0.101	24.09	25.00	1.233	0.125	/
	DSI4		Back Side	10	24075	837.5	1	Low	-0.16	0.158	24.09	25.00	1.233	0.195	41#
	DSI4		Left Edge	10	24075	837.5	1	Low	0.12	0.008	24.09	25.00	1.233	0.010	/
	DSI4		Right Edge	10	24075	837.5	1	Low	-0.08	0.046	24.09	25.00	1.233	0.057	/
	DSI4		Top Edge	10	24075	837.5	1	Low	-0.03	0.138	24.09	25.00	1.233	0.170	/
	DSI4		Front Side	10	24075	837.5	36	High	-0.12	0.084	23.04	24.00	1.247	0.105	/
	DSI4		Back Side	10	24075	837.5	36	High	0.07	0.132	23.04	24.00	1.247	0.165	/
	DSI4		Left Edge	10	24075	837.5	36	High	0.08	0.006	23.04	24.00	1.247	0.007	/
	DSI4		Right Edge	10	24075	837.5	36	High	-0.12	0.040	23.04	24.00	1.247	0.050	/
	DSI4		Top Edge	10	24075	837.5	36	High	0.09	0.107	23.04	24.00	1.247	0.133	/
Ant.31	DSI4	QPSK	Front Side	10	24075	837.5	1	Low	0.09	0.067	24.08	25.00	1.236	0.083	/
	DSI4		Back Side	10	24075	837.5	1	Low	0.01	0.118	24.08	25.00	1.236	0.146	/
	DSI4		Left Edge	10	24075	837.5	1	Low	-0.13	0.059	24.08	25.00	1.236	0.073	/
	DSI4		Right Edge	10	24075	837.5	1	Low	0.01	0.063	24.08	25.00	1.236	0.078	/
	DSI4		Bottom Edge	10	24075	837.5	1	Low	-0.18	0.109	24.08	25.00	1.236	0.135	/
	DSI4		Front Side	10	24075	837.5	36	High	-0.10	0.058	22.98	24.00	1.265	0.073	/
	DSI4		Back Side	10	24075	837.5	36	High	0.14	0.102	22.98	24.00	1.265	0.129	/
	DSI4		Left Edge	10	24075	837.5	36	High	0.13	0.033	22.98	24.00	1.265	0.042	/

	DSI4		Right Edge	10	24075	837.5	36	High	0.15	0.054	22.98	24.00	1.265	0.068	/
	DSI4		Bottom Edge	10	24075	837.5	36	High	0.10	0.072	22.98	24.00	1.265	0.091	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.13 LTE Band 26 (15MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	26865	831.5	1	Mid	0.11	0.115	24.01	25.00	1.256	0.144	42#
	DSI1&3		Left Tilt	0	26865	831.5	1	Mid	0.15	0.062	24.01	25.00	1.256	0.078	/
	DSI1&3		Right Cheek	0	26865	831.5	1	Mid	-0.14	0.091	24.01	25.00	1.256	0.114	/
	DSI1&3		Right Tilt	0	26865	831.5	1	Mid	-0.05	0.053	24.01	25.00	1.256	0.067	/
	DSI1&3		Left Cheek	0	26865	831.5	50	Mid	-0.11	0.090	22.82	24.00	1.312	0.118	/
	DSI1&3		Left Tilt	0	26865	831.5	50	Mid	0.04	0.052	22.82	24.00	1.312	0.068	/
	DSI1&3		Right Cheek	0	26865	831.5	50	Mid	0.17	0.076	22.82	24.00	1.312	0.100	/
	DSI1&3		Right Tilt	0	26865	831.5	50	Mid	0.13	0.045	22.82	24.00	1.312	0.059	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	26865	831.5	1	Mid	0.10	0.099	24.00	25.00	1.259	0.125	/
	DSI2		Back Side	15	26865	831.5	1	Mid	-0.15	0.120	24.00	25.00	1.259	0.151	43#
	DSI2		Front Side	15	26865	831.5	50	Low	0.01	0.080	22.74	24.00	1.337	0.107	/
	DSI2		Back Side	15	26865	831.5	50	Low	-0.05	0.088	22.74	24.00	1.337	0.118	/
Ant.31	DSI2	QPSK	Front Side	15	26865	831.5	1	Mid	0.05	0.097	24.01	25.00	1.256	0.122	/
	DSI2		Back Side	15	26865	831.5	1	Mid	-0.06	0.098	24.01	25.00	1.256	0.123	/
	DSI2		Front Side	15	26865	831.5	50	Mid	0.19	0.078	22.82	24.00	1.312	0.102	/
	DSI2		Back Side	15	26865	831.5	50	Mid	-0.03	0.076	22.82	24.00	1.312	0.100	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	26865	831.5	1	Mid	-0.04	0.163	24.00	25.00	1.259	0.205	/
	DSI4		Back Side	10	26865	831.5	1	Mid	-0.19	0.144	24.00	25.00	1.259	0.181	/
	DSI4		Left Edge	10	26865	831.5	1	Mid	0.02	0.032	24.00	25.00	1.259	0.040	/
	DSI4		Right Edge	10	26865	831.5	1	Mid	0.13	0.103	24.00	25.00	1.259	0.130	/
	DSI4		Top Edge	10	26865	831.5	1	Mid	-0.16	0.178	24.00	25.00	1.259	0.224	44#
	DSI4		Front Side	10	26865	831.5	50	Low	-0.05	0.128	22.74	24.00	1.337	0.171	/
	DSI4		Back Side	10	26865	831.5	50	Low	0.08	0.113	22.74	24.00	1.337	0.151	/
	DSI4		Left Edge	10	26865	831.5	50	Low	0.07	0.025	22.74	24.00	1.337	0.033	/
	DSI4		Right Edge	10	26865	831.5	50	Low	-0.16	0.080	22.74	24.00	1.337	0.107	/
	DSI4		Top Edge	10	26865	831.5	50	Low	-0.04	0.140	22.74	24.00	1.337	0.187	/
Ant.31	DSI4	QPSK	Front Side	10	26865	831.5	1	Mid	-0.19	0.092	24.01	25.00	1.256	0.116	/
	DSI4		Back Side	10	26865	831.5	1	Mid	-0.13	0.159	24.01	25.00	1.256	0.200	/
	DSI4		Left Edge	10	26865	831.5	1	Mid	-0.10	0.054	24.01	25.00	1.256	0.068	/
	DSI4		Right Edge	10	26865	831.5	1	Mid	0.16	0.096	24.01	25.00	1.256	0.121	/
	DSI4		Bottom Edge	10	26865	831.5	1	Mid	-0.01	0.144	24.01	25.00	1.256	0.181	/
	DSI4		Front Side	10	26865	831.5	50	Mid	-0.11	0.069	22.82	24.00	1.312	0.091	/
	DSI4		Back Side	10	26865	831.5	50	Mid	-0.14	0.136	22.82	24.00	1.312	0.178	/
	DSI4		Left Edge	10	26865	831.5	50	Mid	-0.10	0.075	22.82	24.00	1.312	0.098	/

	DSI4		Right Edge	10	26865	831.5	50	Mid	0.07	0.042	22.82	24.00	1.312	0.055	/
	DSI4		Bottom Edge	10	26865	831.5	50	Mid	-0.11	0.105	22.82	24.00	1.312	0.138	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.14 LTE Band 66 (20MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.31	DSI1&3	QPSK	Left Cheek	0	132322	1745	1	Mid	-0.04	0.045	23.68	24.50	1.208	0.054	/
	DSI1&3		Left Tilt	0	132322	1745	1	Mid	-0.17	0.022	23.68	24.50	1.208	0.027	/
	DSI1&3		Right Cheek	0	132322	1745	1	Mid	0.09	0.050	23.68	24.50	1.208	0.060	45#
	DSI1&3		Right Tilt	0	132322	1745	1	Mid	-0.07	0.026	23.68	24.50	1.208	0.031	/
	DSI1&3		Left Cheek	0	132322	1745	50	Mid	0.00	0.041	22.53	23.50	1.250	0.051	/
	DSI1&3		Left Tilt	0	132322	1745	50	Mid	-0.19	0.019	22.53	23.50	1.250	0.024	/
	DSI1&3		Right Cheek	0	132322	1745	50	Mid	0.01	0.043	22.53	23.50	1.250	0.054	/
	DSI1&3		Right Tilt	0	132322	1745	50	Mid	-0.06	0.023	22.53	23.50	1.250	0.029	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	132322	1745	1	Mid	0.14	0.130	19.45	20.00	1.135	0.148	/
	DSI2		Back Side	15	132322	1745	1	Mid	-0.14	0.116	19.45	20.00	1.135	0.132	/
	DSI2		Front Side	15	132322	1745	50	Mid	-0.08	0.121	19.27	20.00	1.183	0.143	/
	DSI2		Back Side	15	132322	1745	50	Mid	-0.02	0.109	19.27	20.00	1.183	0.129	/
Ant.31	DSI2	QPSK	Front Side	15	132322	1745	1	Mid	-0.03	0.088	21.12	22.00	1.225	0.108	/
	DSI2		Back Side	15	132322	1745	1	Mid	-0.05	0.128	21.12	22.00	1.225	0.157	46#
	DSI2		Front Side	15	132322	1745	50	Mid	0.12	0.074	20.87	22.00	1.297	0.096	/
	DSI2		Back Side	15	132322	1745	50	Mid	-0.07	0.112	20.87	22.00	1.297	0.145	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	132322	1745	1	High	0.01	0.223	18.93	19.50	1.140	0.254	/
	DSI4		Back Side	10	132322	1745	1	High	-0.05	0.182	18.93	19.50	1.140	0.207	/
	DSI4		Left Edge	10	132322	1745	1	High	0.03	0.016	18.93	19.50	1.140	0.018	/
	DSI4		Right Edge	10	132322	1745	1	High	0.11	0.050	18.93	19.50	1.140	0.057	/
	DSI4		Top Edge	10	132322	1745	1	High	-0.17	0.364	18.93	19.50	1.140	0.415	/
	DSI4		Front Side	10	132322	1745	50	Mid	0.09	0.202	18.74	19.50	1.191	0.241	/
	DSI4		Back Side	10	132322	1745	50	Mid	0.18	0.177	18.74	19.50	1.191	0.211	/
	DSI4		Left Edge	10	132322	1745	50	Mid	0.06	0.014	18.74	19.50	1.191	0.017	/
	DSI4		Right Edge	10	132322	1745	50	Mid	0.05	0.041	18.74	19.50	1.191	0.049	/
	DSI4		Top Edge	10	132322	1745	50	Mid	0.15	0.345	18.74	19.50	1.191	0.411	/
Ant.31	DSI4	QPSK	Front Side	10	132322	1745	1	Mid	0.05	0.182	21.12	22.00	1.225	0.223	/
	DSI4		Back Side	10	132322	1745	1	Mid	0.02	0.266	21.12	22.00	1.225	0.326	/
	DSI4		Left Edge	10	132322	1745	1	Mid	-0.01	0.062	21.12	22.00	1.225	0.076	/
	DSI4		Right Edge	10	132322	1745	1	Mid	-0.12	0.034	21.12	22.00	1.225	0.042	/
	DSI4		Bottom Edge	10	132322	1745	1	Mid	-0.05	0.506	21.12	22.00	1.225	0.620	47#
	DSI4		Front Side	10	132322	1745	50	Mid	0.02	0.166	20.87	22.00	1.297	0.215	/
	DSI4		Back Side	10	132322	1745	50	Mid	-0.05	0.254	20.87	22.00	1.297	0.329	/
	DSI4		Left Edge	10	132322	1745	50	Mid	0.02	0.055	20.87	22.00	1.297	0.071	/

	DSI4		Right Edge	10	132322	1745	50	Mid	-0.05	0.031	20.87	22.00	1.297	0.040	/
	DSI4		Bottom Edge	10	132322	1745	50	Mid	0.10	0.472	20.87	22.00	1.297	0.612	/
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	10 g Scaled SAR (W/kg)	Meas. No.
Specific															
Ant.13	DSI2	QPSK	Top Edge	0	132322	1745	1	Low	0.15	1.600	19.45	20.00	1.135	1.816	48#
	DSI2		Top Edge	0	132322	1745	50	Mid	-0.07	1.450	19.27	20.00	1.183	1.715	/
Ant.13	DSI4	QPSK	Top Edge	0	132322	1745	1	High	0.03	1.380	18.93	19.50	1.140	1.573	/
	DSI4		Top Edge	0	132322	1745	50	Mid	-0.07	1.260	18.74	19.50	1.191	1.501	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.15 LTE Band 38 (20MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.13	DSI1	QPSK	Left Cheek	0	38000	2595	1	Mid	0.08	0.505	20.88	21.50	1.153	0.582	/
	DSI1		Left Tilt	0	38000	2595	1	Mid	0.09	0.590	20.88	21.50	1.153	0.680	49#
	DSI1		Right Cheek	0	38000	2595	1	Mid	-0.11	0.421	20.88	21.50	1.153	0.485	/
	DSI1		Right Tilt	0	38000	2595	1	Mid	0.18	0.511	20.88	21.50	1.153	0.589	/
	DSI1		Left Cheek	0	38000	2595	50	Low	0.09	0.488	20.81	21.50	1.172	0.572	/
	DSI1		Left Tilt	0	38000	2595	50	Low	0.10	0.545	20.81	21.50	1.172	0.639	/
	DSI1		Right Cheek	0	38000	2595	50	Low	0.14	0.356	20.81	21.50	1.172	0.417	/
	DSI1		Right Tilt	0	38000	2595	50	Low	0.05	0.447	20.81	21.50	1.172	0.524	/
Ant.13	DSI3	QPSK	Left Cheek	0	38000	2595	1	Mid	0.14	0.423	20.45	20.00	0.902	0.382	/
	DSI3		Left Tilt	0	38000	2595	1	Mid	0.13	0.511	20.45	20.00	0.902	0.461	/
	DSI3		Right Cheek	0	38000	2595	1	Mid	-0.16	0.385	20.45	20.00	0.902	0.347	/
	DSI3		Right Tilt	0	38000	2595	1	Mid	-0.09	0.474	20.45	20.00	0.902	0.428	/
	DSI3		Left Cheek	0	38000	2595	50	Low	-0.02	0.422	20.28	20.00	0.938	0.396	/
	DSI3		Left Tilt	0	38000	2595	50	Low	-0.16	0.453	20.28	20.00	0.938	0.425	/
	DSI3		Right Cheek	0	38000	2595	50	Low	0.18	0.322	20.28	20.00	0.938	0.302	/
	DSI3		Right Tilt	0	38000	2595	50	Low	-0.09	0.406	20.28	20.00	0.938	0.381	/
Ant.31	DSI1&3	QPSK	Left Cheek	0	38000	2595	1	Mid	0.08	0.114	23.94	25.00	1.276	0.145	/
	DSI1&3		Left Tilt	0	38000	2595	1	Mid	-0.07	0.108	23.94	25.00	1.276	0.138	/
	DSI1&3		Right Cheek	0	38000	2595	1	Mid	0.04	0.220	23.94	25.00	1.276	0.281	/
	DSI1&3		Right Tilt	0	38000	2595	1	Mid	0.09	0.148	23.94	25.00	1.276	0.189	/
	DSI1&3		Left Cheek	0	38000	2595	50	Mid	-0.13	0.090	22.65	24.00	1.365	0.123	/
	DSI1&3		Left Tilt	0	38000	2595	50	Mid	0.15	0.088	22.65	24.00	1.365	0.120	/
	DSI1&3		Right Cheek	0	38000	2595	50	Mid	-0.01	0.164	22.65	24.00	1.365	0.224	/
	DSI1&3		Right Tilt	0	38000	2595	50	Mid	0.10	0.112	22.65	24.00	1.365	0.153	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	38000	2595	1	Mid	-0.14	0.041	20.16	20.50	1.081	0.044	/
	DSI2		Back Side	15	38000	2595	1	Mid	0.01	0.052	20.16	20.50	1.081	0.056	/
	DSI2		Front Side	15	38000	2595	50	Low	0.18	0.038	19.90	20.50	1.148	0.044	/
	DSI2		Back Side	15	38000	2595	50	Low	-0.13	0.047	19.90	20.50	1.148	0.054	/
Ant.31	DSI2	QPSK	Front Side	15	38000	2595	1	Mid	-0.02	0.139	23.94	25.00	1.276	0.177	/
	DSI2		Back Side	15	38000	2595	1	Mid	0.04	0.221	23.94	25.00	1.276	0.282	50#
	DSI2		Front Side	15	38000	2595	50	Mid	0.05	0.111	22.65	24.00	1.365	0.152	/
	DSI2		Back Side	15	38000	2595	50	Mid	0.00	0.159	22.65	24.00	1.365	0.217	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	38000	2595	1	Mid	0.07	0.223	20.16	20.50	1.081	0.241	/
	DSI4		Back Side	10	38000	2595	1	Mid	0.09	0.202	20.16	20.50	1.081	0.218	/

	DSI4		Left Edge	10	38000	2595	1	Mid	0.05	0.011	20.16	20.50	1.081	0.012	/
	DSI4		Right Edge	10	38000	2595	1	Mid	-0.13	0.045	20.16	20.50	1.081	0.049	/
	DSI4		Top Edge	10	38000	2595	1	Mid	-0.14	0.269	20.16	20.50	1.081	0.291	/
	DSI4		Front Side	10	38000	2595	50	Mid	0.16	0.202	19.90	20.50	1.148	0.232	/
	DSI4		Back Side	10	38000	2595	50	Mid	0.18	0.188	19.90	20.50	1.148	0.216	/
	DSI4		Left Edge	10	38000	2595	50	Mid	0.03	0.008	19.90	20.50	1.148	0.009	/
	DSI4		Right Edge	10	38000	2595	50	Mid	0.14	0.041	19.90	20.50	1.148	0.047	/
	DSI4		Top Edge	10	38000	2595	50	Mid	0.01	0.246	19.90	20.50	1.148	0.282	/
Ant.31	DSI4	QPSK	Front Side	10	38000	2595	1	Mid	-0.03	0.266	23.94	25.00	1.276	0.339	/
	DSI4		Back Side	10	38000	2595	1	Mid	0.16	0.400	23.94	25.00	1.276	0.510	51#
	DSI4		Left Edge	10	38000	2595	1	Mid	-0.13	0.085	23.94	25.00	1.276	0.108	/
	DSI4		Right Edge	10	38000	2595	1	Mid	-0.18	0.060	23.94	25.00	1.276	0.077	/
	DSI4		Bottom Edge	10	38000	2595	1	Mid	-0.18	0.232	23.94	25.00	1.276	0.296	/
	DSI4		Front Side	10	38000	2595	50	Mid	-0.03	0.216	22.65	24.00	1.365	0.295	/
	DSI4		Back Side	10	38000	2595	50	Mid	-0.12	0.322	22.65	24.00	1.365	0.440	/
	DSI4		Left Edge	10	38000	2595	50	Mid	-0.11	0.141	22.65	24.00	1.365	0.192	/
	DSI4		Right Edge	10	38000	2595	50	Mid	0.18	0.043	22.65	24.00	1.365	0.059	/
	DSI4		Bottom Edge	10	38000	2595	50	Mid	0.19	0.178	22.65	24.00	1.365	0.243	/

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

10.16 LTE Band 41 (20MHz Bandwidth)

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	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.13	DSI1	QPSK	Left Cheek	0	40640	2595	1	Mid	-0.18	0.451	20.16	21.00	1.213	0.547	/
	DSI1		Left Tilt	0	40640	2595	1	Mid	-0.03	0.524	20.16	21.00	1.213	0.636	52#
	DSI1		Right Cheek	0	40640	2595	1	Mid	-0.05	0.407	20.16	21.00	1.213	0.494	/
	DSI1		Right Tilt	0	40640	2595	1	Mid	0.03	0.452	20.16	21.00	1.213	0.548	/
	DSI1		Left Cheek	0	40640	2595	50	Mid	-0.17	0.422	20.06	21.00	1.242	0.524	/
	DSI1		Left Tilt	0	40640	2595	50	Mid	0.10	0.503	20.06	21.00	1.242	0.625	/
	DSI1		Right Cheek	0	40640	2595	50	Mid	-0.06	0.388	20.06	21.00	1.242	0.482	/
	DSI1		Right Tilt	0	40640	2595	50	Mid	0.07	0.438	20.06	21.00	1.242	0.544	/
Ant.13	DSI3	QPSK	Left Cheek	0	40640	2595	1	Mid	0.05	0.392	19.67	20.50	1.211	0.475	/
	DSI3		Left Tilt	0	40640	2595	1	Mid	-0.04	0.442	19.67	20.50	1.211	0.535	/
	DSI3		Right Cheek	0	40640	2595	1	Mid	-0.03	0.355	19.67	20.50	1.211	0.430	/
	DSI3		Right Tilt	0	40640	2595	1	Mid	0.10	0.389	19.67	20.50	1.211	0.471	/
	DSI3		Left Cheek	0	40640	2595	50	Low	0.06	0.357	19.57	20.50	1.239	0.442	/
	DSI3		Left Tilt	0	40640	2595	50	Low	-0.13	0.423	19.57	20.50	1.239	0.524	/
	DSI3		Right Cheek	0	40640	2595	50	Low	0.11	0.332	19.57	20.50	1.239	0.411	/
	DSI3		Right Tilt	0	40640	2595	50	Low	-0.03	0.374	19.57	20.50	1.239	0.463	/
Ant.31	DSI1&3	QPSK	Left Cheek	0	40640	2595	1	Mid	-0.09	0.124	23.93	25.00	1.279	0.159	/
	DSI1&3		Left Tilt	0	40640	2595	1	Mid	-0.04	0.109	23.93	25.00	1.279	0.139	/
	DSI1&3		Right Cheek	0	40640	2595	1	Mid	0.06	0.225	23.93	25.00	1.279	0.288	/
	DSI1&3		Right Tilt	0	40640	2595	1	Mid	-0.04	0.160	23.93	25.00	1.279	0.205	/
	DSI1&3		Left Cheek	0	40640	2595	50	Mid	0.07	0.090	22.69	24.00	1.352	0.122	/
	DSI1&3		Left Tilt	0	40640	2595	50	Mid	0.03	0.082	22.69	24.00	1.352	0.111	/
	DSI1&3		Right Cheek	0	40640	2595	50	Mid	0.01	0.164	22.69	24.00	1.352	0.222	/
	DSI1&3		Right Tilt	0	40640	2595	50	Mid	-0.16	0.114	22.69	24.00	1.352	0.154	/
Body-worn															
Ant.13	DSI2	QPSK	Front Side	15	40640	2595	1	Mid	0.12	0.052	19.67	20.50	1.211	0.063	/
	DSI2		Back Side	15	40640	2595	1	Mid	0.11	0.055	19.67	20.50	1.211	0.067	/
	DSI2		Front Side	15	40640	2595	50	Low	0.16	0.049	19.57	20.50	1.239	0.061	/
	DSI2		Back Side	15	40640	2595	50	Low	0.02	0.053	19.57	20.50	1.239	0.066	/
Ant.31	DSI2	QPSK	Front Side	15	40640	2595	1	Mid	-0.10	0.144	23.93	25.00	1.279	0.184	/
	DSI2		Back Side	15	40640	2595	1	Mid	-0.06	0.179	23.93	25.00	1.279	0.229	53#
	DSI2		Front Side	15	40640	2595	50	Mid	0.13	0.107	22.69	24.00	1.352	0.145	/
	DSI2		Back Side	15	40640	2595	50	Mid	0.13	0.150	22.69	24.00	1.352	0.203	/
Hotspot															
Ant.13	DSI4	QPSK	Front Side	10	40640	2595	1	Mid	0.04	0.123	19.45	20.00	1.135	0.140	/
	DSI4		Back Side	10	40640	2595	1	Mid	0.13	0.095	19.45	20.00	1.135	0.108	/

	DSI4		Left Edge	10	40640	2595	1	Mid	0.04	0.006	19.45	20.00	1.135	0.007	/
	DSI4		Right Edge	10	40640	2595	1	Mid	0.01	0.013	19.45	20.00	1.135	0.015	/
	DSI4		Top Edge	10	40640	2595	1	Mid	-0.06	0.257	19.45	20.00	1.135	0.292	/
	DSI4		Front Side	10	40640	2595	50	Mid	0.09	0.084	19.40	20.00	1.148	0.096	/
	DSI4		Back Side	10	40640	2595	50	Mid	-0.06	0.079	19.40	20.00	1.148	0.091	/
	DSI4		Left Edge	10	40640	2595	50	Mid	0.03	0.004	19.40	20.00	1.148	0.005	/
	DSI4		Right Edge	10	40640	2595	50	Mid	0.08	0.015	19.40	20.00	1.148	0.017	/
	DSI4		Top Edge	10	40640	2595	50	Mid	0.01	0.235	19.40	20.00	1.148	0.270	/
Ant.31	DSI4	QPSK	Front Side	10	40640	2595	1	Mid	0.14	0.432	23.93	25.00	1.279	0.553	/
	DSI4		Back Side	10	40640	2595	1	Mid	0.18	0.550	23.93	25.00	1.279	0.703	54#
	DSI4		Left Edge	10	40640	2595	1	Mid	-0.09	0.135	23.93	25.00	1.279	0.173	/
	DSI4		Right Edge	10	40640	2595	1	Mid	0.17	0.077	23.93	25.00	1.279	0.098	/
	DSI4		Bottom Edge	10	40640	2595	1	Mid	0.16	0.298	23.93	25.00	1.279	0.381	/
	DSI4		Front Side	10	40640	2595	50	Mid	-0.08	0.320	22.69	24.00	1.352	0.433	/
	DSI4		Back Side	10	40640	2595	50	Mid	0.10	0.444	22.69	24.00	1.352	0.600	/
	DSI4		Left Edge	10	40640	2595	50	Mid	-0.04	0.112	22.69	24.00	1.352	0.151	/
	DSI4		Right Edge	10	40640	2595	50	Mid	0.13	0.061	22.69	24.00	1.352	0.082	/
	DSI4		Bottom Edge	10	40640	2595	50	Mid	0.09	0.234	22.69	24.00	1.352	0.316	/

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

10.17 WIFI 2.4GHz

Antenna	Power Reduction	Mode	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(%)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head															
Ant.22	Level1	802.11 b	Left Cheek	0	6	2437	0.03	0.708	17.85	18.50	1.161	98.50	1.015	0.834	55#
	Level1		Left Tilt	0	6	2437	-0.16	0.422	17.85	18.50	1.161	98.50	1.015	0.497	/
	Level1		Right Cheek	0	6	2437	-0.13	0.316	17.85	18.50	1.161	98.50	1.015	0.372	/
	Level1		Right Tilt	0	6	2437	0.19	0.302	17.85	18.50	1.161	98.50	1.015	0.356	/
	Level1		Left Cheek	0	1	2412	-0.08	0.621	17.45	18.50	1.274	98.50	1.015	0.803	/
	Level1		Left Cheek	0	11	2462	0.15	0.672	17.83	18.50	1.167	98.50	1.015	0.796	/
Ant.22	Level2	802.11 b	Left Cheek	0	6	2437	0.05	0.472	16.23	17.00	1.194	98.50	1.015	0.572	/
	Level2		Left Tilt	0	6	2437	-0.06	0.288	16.23	17.00	1.194	98.50	1.015	0.349	/
	Level2		Right Cheek	0	6	2437	-0.14	0.234	16.23	17.00	1.194	98.50	1.015	0.284	/
	Level2		Right Tilt	0	6	2437	0.05	0.202	16.23	17.00	1.194	98.50	1.015	0.245	/
Body-worn															
Ant.22	Level3	802.11 b	Front Side	15	11	2462	-0.08	0.095	18.76	20.00	1.330	98.50	1.015	0.128	/
	Level3		Back Side	15	11	2462	-0.07	0.153	18.76	20.00	1.330	98.50	1.015	0.207	56#
Hotspot															
Ant.22	Level4	802.11 b	Front Side	10	11	2462	0.07	0.234	18.31	19.00	1.172	98.50	1.015	0.278	/
	Level4		Back Side	10	11	2462	0.09	0.434	18.31	19.00	1.172	98.50	1.015	0.516	57#
	Level4		Left Edge	10	11	2462	-0.18	0.266	18.31	19.00	1.172	98.50	1.015	0.316	/
	Level4		Top Edge	10	11	2462	0.18	0.354	18.31	19.00	1.172	98.50	1.015	0.421	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.18 WIFI 5GHz

Antenna	Band	Power Reduction	Mode	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(%)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head																
Ant.22	5.3G	Level1	802.11n(HT40)	Left Cheek	0	54	5270	0.07	0.551	15.23	15.50	1.064	94.31	1.060	0.621	58#
		Level1		Left Tilt	0	54	5270	0.17	0.532	15.23	15.50	1.064	94.31	1.060	0.600	/
		Level1		Right Cheek	0	54	5270	-0.05	0.221	15.23	15.50	1.064	94.31	1.060	0.249	/
		Level1		Right Tilt	0	54	5270	0.02	0.268	15.23	15.50	1.064	94.31	1.060	0.302	/
Ant.22	5.3G	Level2	802.11n(HT40)	Left Cheek	0	62	5310	0.12	0.385	13.75	14.00	1.059	94.31	1.060	0.432	/
		Level2		Left Tilt	0	62	5310	0.14	0.356	13.75	14.00	1.059	94.31	1.060	0.400	/
		Level2		Right Cheek	0	62	5310	0.09	0.177	13.75	14.00	1.059	94.31	1.060	0.199	/
		Level2		Right Tilt	0	62	5310	0.18	0.202	13.75	14.00	1.059	94.31	1.060	0.227	/
Ant.22	5.6G	Level1	802.11ac(VHT80)	Left Cheek	0	122	5610	0.13	0.343	15.72	16.00	1.067	91.11	1.098	0.402	59#
		Level1		Left Tilt	0	122	5610	0.06	0.150	15.72	16.00	1.067	91.11	1.098	0.176	/
		Level1		Right Cheek	0	122	5610	0.19	0.158	15.72	16.00	1.067	91.11	1.098	0.185	/
		Level1		Right Tilt	0	122	5610	0.17	0.133	15.72	16.00	1.067	91.11	1.098	0.156	/
Ant.22	5.6G	Level2	802.11ac(VHT80)	Left Cheek	0	122	5610	0.08	0.255	14.66	15.00	1.081	91.11	1.098	0.303	/
		Level2		Left Tilt	0	122	5610	0.18	0.107	14.66	15.00	1.081	91.11	1.098	0.127	/
		Level2		Right Cheek	0	122	5610	-0.07	0.134	14.66	15.00	1.081	91.11	1.098	0.159	/
		Level2		Right Tilt	0	122	5610	-0.10	0.114	14.66	15.00	1.081	91.11	1.098	0.135	/
Ant.22	5.8G	Level1	802.11ac(VHT80)	Left Cheek	0	155	5775	0.15	0.263	14.89	15.00	1.026	91.11	1.098	0.296	60#
		Level1		Left Tilt	0	155	5775	-0.19	0.118	14.89	15.00	1.026	91.11	1.098	0.133	/
		Level1		Right Cheek	0	155	5775	-0.06	0.082	14.89	15.00	1.026	91.11	1.098	0.092	/
		Level1		Right Tilt	0	155	5775	0.09	0.068	14.89	15.00	1.026	91.11	1.098	0.077	/
Ant.22	5.8G	Level2	802.11ac(VHT80)	Left Cheek	0	155	5775	-0.18	0.172	13.11	13.50	1.094	91.11	1.098	0.207	/
		Level2		Left Tilt	0	155	5775	0.16	0.075	13.11	13.50	1.094	91.11	1.098	0.090	/
		Level2		Right Cheek	0	155	5775	-0.16	0.066	13.11	13.50	1.094	91.11	1.098	0.079	/
		Level2		Right Tilt	0	155	5775	-0.13	0.053	13.11	13.50	1.094	91.11	1.098	0.064	/
Body-worn																
Ant.22	5.3G	Level3	802.11a	Front Side	15	60	5300	0.06	0.143	19.91	20.00	1.021	97.23	1.028	0.150	/
		Level3		Back Side	15	60	5300	0.06	0.160	19.91	20.00	1.021	97.23	1.028	0.168	61#
Ant.22	5.6G	Level3	802.11a	Front Side	15	100	5500	0.04	0.171	19.76	20.00	1.057	97.23	1.028	0.186	/
		Level3		Back Side	15	100	5500	0.00	0.418	19.76	20.00	1.057	97.23	1.028	0.454	62#
Ant.22	5.8G	Level3	802.11a	Front Side	15	157	5785	0.00	0.222	19.48	20.00	1.127	97.23	1.028	0.257	/
		Level3		Back Side	15	157	5785	0.19	0.346	19.48	20.00	1.127	97.23	1.028	0.401	63#
Body-worn-Battery2																
Ant.22	5.6G	Level3	802.11a	Back Side	15	100	5500	0.07	0.395	19.76	20.00	1.057	97.23	1.028	0.429	/
Hotspot																
Ant.22	5.2G	Level4	802.11ac(VHT80)	Front Side	10	42	5210	-0.06	0.061	12.91	13.50	1.146	91.11	1.098	0.077	/
		Level4		Back Side	10	42	5210	0.13	0.137	12.91	13.50	1.146	91.11	1.098	0.172	64#

		Level4		Left Edge	10	42	5210	-0.12	0.062	12.91	13.50	1.146	91.11	1.098	0.078	/
		Level4		Top Edge	10	42	5210	-0.09	0.125	12.91	13.50	1.146	91.11	1.098	0.157	/
Ant.22	5.8G	Level4	802.11ac(VHT80)	Front Side	10	155	5775	-0.13	0.052	11.93	12.50	1.140	91.11	1.098	0.065	/
		Level4		Back Side	10	155	5775	-0.03	0.139	11.93	12.50	1.140	91.11	1.098	0.174	/
		Level4		Left Edge	10	155	5775	-0.18	0.205	11.93	12.50	1.140	91.11	1.098	0.257	65#
		Level4		Top Edge	10	155	5775	0.19	0.032	11.93	12.50	1.140	91.11	1.098	0.040	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

Antenna	Band	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR(W/kg)	Meas. Power(dBm)	Max. tune- power(dBm)	Scaling Factor	Duty Cycle(%)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Specific																
Ant.22	5.3G	Level3	802.11a	Front Side	0	60	5300	-0.19	0.821	19.91	20.00	1.021	97.23	1.028	0.862	/
		Level3		Back Side	0	60	5300	0.15	0.613	19.91	20.00	1.021	97.23	1.028	0.643	/
		Level3		Left Edge	0	60	5300	-0.15	0.822	19.91	20.00	1.021	97.23	1.028	0.863	/
		Level3		Top Edge	0	60	5300	-0.04	1.100	19.91	20.00	1.021	97.23	1.028	1.155	66#
Ant.22	5.6G	Level3	802.11a	Front Side	0	100	5500	-0.19	0.744	19.76	20.00	1.057	97.23	1.028	0.808	/
		Level3		Back Side	0	100	5500	0.15	0.822	19.76	20.00	1.057	97.23	1.028	0.893	/
		Level3		Left Edge	0	100	5500	0.09	1.420	19.76	20.00	1.057	97.23	1.028	1.543	67#
		Level3		Top Edge	0	100	5500	-0.13	0.731	19.76	20.00	1.057	97.23	1.028	0.794	/
Ant.22	5.8G	Level3	802.11a	Front Side	0	157	5785	0.14	0.847	19.48	20.00	1.127	97.23	1.028	0.981	/
		Level3		Back Side	0	157	5785	-0.07	0.911	19.48	20.00	1.127	97.23	1.028	1.055	/
		Level3		Left Edge	0	157	5785	0.06	1.460	19.48	20.00	1.127	97.23	1.028	1.691	68#
		Level3		Top Edge	0	157	5785	-0.10	0.355	19.48	20.00	1.127	97.23	1.028	0.411	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

10.19 Bluetooth

Antenna	Mode	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(%)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Head														
Ant.22	DH5	Left Cheek	0	0	2402	0.02	0.138	10.75	12.50	1.496	76.88	1.301	0.269	69#
		Left Tilt	0	0	2402	0.19	0.073	10.75	12.50	1.496	76.88	1.301	0.142	/
		Right Cheek	0	0	2402	-0.19	0.044	10.75	12.50	1.496	76.88	1.301	0.086	/
		Right Tilt	0	0	2402	0.15	0.048	10.75	12.50	1.496	76.88	1.301	0.093	/
Body-worn														
Ant.22	DH5	Front Side	15	0	2402	0.02	0.011	10.75	12.50	1.496	76.88	1.301	0.021	/
		Back Side	15	0	2402	0.03	0.019	10.75	12.50	1.496	76.88	1.301	0.037	70#
Hotspot														
Ant.22	DH5	Front Side	10	0	2402	0.01	0.022	10.75	12.50	1.496	76.88	1.301	0.043	/
		Back Side	10	0	2402	0.15	0.043	10.75	12.50	1.496	76.88	1.301	0.084	71#
		Left Edge	10	0	2402	-0.19	0.026	10.75	12.50	1.496	76.88	1.301	0.051	/
		Top Edge	10	0	2402	-0.10	0.031	10.75	12.50	1.496	76.88	1.301	0.060	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

11 SAR Measurement Variability

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

SAR repeated measurement procedure:

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

Note: For 1g SAR, the highest measured 1g SAR is $0.784 < 0.80$ W/kg, repeated measurement is not required.

12 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).

12.1 Simultaneous Transmission Mode Consider

No.	Simultaneous Tx Combination	Head	Body-worn	Hotspot	Specific
1	WWAN+WIFI2.4G	Yes	Yes	Yes	Yes
2	WWAN+WIFI5G+Bluetooth	Yes	Yes	Yes	Yes

Note:

1. Two WWAN antennas can switch automatically, but two WWAN antenna can't transmit simultaneously.
2. WiFi 2.4G and Bluetooth share the same antenna, and can't transmit simultaneously.
3. When stand-alone SAR is not required for a side of 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.

12.2 Sum SAR of Simultaneous Transmission

12.2.1 Head Simultaneous Transmission SAR Evaluation for WWAN and WLAN and BT

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4		
			WWAN	2.4GWIFI Max.	5GWIFI Max.	Bluetooth	1+2	1+3+4
			DSI3	Level2	Level2			
GSM850	Ant.13	Left Cheek	0.452	0.572	0.432	0.269	1.024	1.153
		Left Tilt	0.424	0.349	0.400	0.142	0.773	0.966
		Right Cheek	0.816	0.284	0.199	0.086	1.100	1.101
		Right Tilt	0.629	0.245	0.227	0.093	0.874	0.949
GSM850	Ant.31	Left Cheek	0.020	0.572	0.432	0.269	0.592	0.721
		Left Tilt	0.011	0.349	0.400	0.142	0.360	0.553
		Right Cheek	0.036	0.284	0.199	0.086	0.320	0.321
		Right Tilt	0.014	0.245	0.227	0.093	0.259	0.334
GSM1900	Ant.31	Left Cheek	0.086	0.572	0.432	0.269	0.658	0.787
		Left Tilt	0.051	0.349	0.400	0.142	0.400	0.593
		Right Cheek	0.059	0.284	0.199	0.086	0.343	0.344
		Right Tilt	0.046	0.245	0.227	0.093	0.291	0.366
WCDMA B2	Ant.31	Left Cheek	0.147	0.572	0.432	0.269	0.719	0.848
		Left Tilt	0.075	0.349	0.400	0.142	0.424	0.617
		Right Cheek	0.121	0.284	0.199	0.086	0.405	0.406
		Right Tilt	0.092	0.245	0.227	0.093	0.337	0.412
WCDMA B4	Ant.31	Left Cheek	0.032	0.572	0.432	0.269	0.604	0.733
		Left Tilt	0.022	0.349	0.400	0.142	0.371	0.564
		Right Cheek	0.028	0.284	0.199	0.086	0.312	0.313
		Right Tilt	0.044	0.245	0.227	0.093	0.289	0.364
WCDMA B5	Ant.13	Left Cheek	0.390	0.572	0.432	0.269	0.962	1.091
		Left Tilt	0.355	0.349	0.400	0.142	0.704	0.897
		Right Cheek	0.499	0.284	0.199	0.086	0.783	0.784
		Right Tilt	0.383	0.245	0.227	0.093	0.628	0.703
WCDMA B5	Ant.31	Left Cheek	0.071	0.572	0.432	0.269	0.643	0.772
		Left Tilt	0.039	0.349	0.400	0.142	0.388	0.581
		Right Cheek	0.050	0.284	0.199	0.086	0.334	0.335
		Right Tilt	0.026	0.245	0.227	0.093	0.271	0.346
LTE B2	Ant.31	Left Cheek	0.115	0.572	0.432	0.269	0.687	0.816
		Left Tilt	0.081	0.349	0.400	0.142	0.430	0.623
		Right Cheek	0.099	0.284	0.199	0.086	0.383	0.384
		Right Tilt	0.078	0.245	0.227	0.093	0.323	0.398
LTE B4	Ant.31	Left Cheek	0.035	0.572	0.432	0.269	0.607	0.736
		Left Tilt	0.020	0.349	0.400	0.142	0.369	0.562
		Right Cheek	0.027	0.284	0.199	0.086	0.311	0.312
		Right Tilt	0.013	0.245	0.227	0.093	0.258	0.333

LTE B5	Ant.31	Left Cheek	0.153	0.572	0.432	0.269	0.725	0.854
		Left Tilt	0.106	0.349	0.400	0.142	0.455	0.648
		Right Cheek	0.135	0.284	0.199	0.086	0.419	0.420
		Right Tilt	0.082	0.245	0.227	0.093	0.327	0.402
LTE B7	Ant.31	Left Cheek	0.227	0.572	0.432	0.269	0.799	0.928
		Left Tilt	0.236	0.349	0.400	0.142	0.585	0.778
		Right Cheek	0.352	0.284	0.199	0.086	0.636	0.637
		Right Tilt	0.282	0.245	0.227	0.093	0.527	0.602
LTE B13	Ant.13	Left Cheek	0.347	0.572	0.432	0.269	0.919	1.048
		Left Tilt	0.336	0.349	0.400	0.142	0.685	0.878
		Right Cheek	0.502	0.284	0.199	0.086	0.786	0.787
		Right Tilt	0.424	0.245	0.227	0.093	0.669	0.744
LTE B13	Ant.31	Left Cheek	0.118	0.572	0.432	0.269	0.690	0.819
		Left Tilt	0.074	0.349	0.400	0.142	0.423	0.616
		Right Cheek	0.094	0.284	0.199	0.086	0.378	0.379
		Right Tilt	0.077	0.245	0.227	0.093	0.322	0.397
LTE B18	Ant.31	Left Cheek	0.138	0.572	0.432	0.269	0.710	0.839
		Left Tilt	0.082	0.349	0.400	0.142	0.431	0.624
		Right Cheek	0.119	0.284	0.199	0.086	0.403	0.404
		Right Tilt	0.078	0.245	0.227	0.093	0.323	0.398
LTE B19	Ant.31	Left Cheek	0.101	0.572	0.432	0.269	0.673	0.802
		Left Tilt	0.057	0.349	0.400	0.142	0.406	0.599
		Right Cheek	0.103	0.284	0.199	0.086	0.387	0.388
		Right Tilt	0.062	0.245	0.227	0.093	0.307	0.382
LTE B26	Ant.31	Left Cheek	0.144	0.572	0.432	0.269	0.716	0.845
		Left Tilt	0.078	0.349	0.400	0.142	0.427	0.620
		Right Cheek	0.114	0.284	0.199	0.086	0.398	0.399
		Right Tilt	0.067	0.245	0.227	0.093	0.312	0.387
LTE B66	Ant.31	Left Cheek	0.054	0.572	0.432	0.269	0.626	0.755
		Left Tilt	0.027	0.349	0.400	0.142	0.376	0.569
		Right Cheek	0.060	0.284	0.199	0.086	0.344	0.345
		Right Tilt	0.031	0.245	0.227	0.093	0.276	0.351
LTE B38	Ant.13	Left Cheek	0.382	0.572	0.432	0.269	0.954	1.083
		Left Tilt	0.461	0.349	0.400	0.142	0.810	1.003
		Right Cheek	0.347	0.284	0.199	0.086	0.631	0.632
		Right Tilt	0.428	0.245	0.227	0.093	0.673	0.748
LTE B38	Ant.31	Left Cheek	0.145	0.572	0.432	0.269	0.717	0.846
		Left Tilt	0.138	0.349	0.400	0.142	0.487	0.680
		Right Cheek	0.281	0.284	0.199	0.086	0.565	0.566
		Right Tilt	0.189	0.245	0.227	0.093	0.434	0.509
LTE B41	Ant.13	Left Cheek	0.475	0.572	0.432	0.269	1.047	1.176
		Left Tilt	0.535	0.349	0.400	0.142	0.884	1.077
		Right Cheek	0.430	0.284	0.199	0.086	0.714	0.715

		Right Tilt	0.471	0.245	0.227	0.093	0.716	0.791
LTE B41	Ant.31	Left Cheek	0.159	0.572	0.432	0.269	0.731	0.860
		Left Tilt	0.139	0.349	0.400	0.142	0.488	0.681
		Right Cheek	0.288	0.284	0.199	0.086	0.572	0.573
		Right Tilt	0.205	0.245	0.227	0.093	0.450	0.525

Note:

1: The simultaneous transmission combinations of the antennas antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.176 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.2 Body-Worn Simultaneous Transmission SAR Evaluation for WWAN and WLAN and BT

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4		
			WWAN	2.4GWIFI Max.	5GWIFI Max.	Bluetooth	1+2	1+3+4
			DSI2	Level3	Level3			
GSM850	Ant.13	Front Side 15mm	0.155	0.128	0.257	0.021	0.283	0.433
		Back Side 15mm	0.196	0.207	0.454	0.037	0.403	0.687
GSM850	Ant.31	Front Side 15mm	0.061	0.128	0.257	0.021	0.189	0.339
		Back Side 15mm	0.070	0.207	0.454	0.037	0.277	0.561
GSM1900	Ant.13	Front Side 15mm	0.293	0.128	0.257	0.021	0.421	0.571
		Back Side 15mm	0.273	0.207	0.454	0.037	0.480	0.764
GSM1900	Ant.31	Front Side 15mm	0.273	0.128	0.257	0.021	0.401	0.551
		Back Side 15mm	0.306	0.207	0.454	0.037	0.513	0.797
WCDMA B2	Ant.13	Front Side 15mm	0.195	0.128	0.257	0.021	0.323	0.473
		Back Side 15mm	0.208	0.207	0.454	0.037	0.415	0.699
WCDMA B2	Ant.31	Front Side 15mm	0.145	0.128	0.257	0.021	0.273	0.423
		Back Side 15mm	0.156	0.207	0.454	0.037	0.363	0.647
WCDMA B4	Ant.13	Front Side 15mm	0.089	0.128	0.257	0.021	0.217	0.367
		Back Side 15mm	0.114	0.207	0.454	0.037	0.321	0.605
WCDMA B4	Ant.31	Front Side 15mm	0.117	0.128	0.257	0.021	0.245	0.395
		Back Side 15mm	0.130	0.207	0.454	0.037	0.337	0.621
WCDMA B5	Ant.13	Front Side 15mm	0.163	0.128	0.257	0.021	0.291	0.441
		Back Side 15mm	0.255	0.207	0.454	0.037	0.462	0.746
WCDMA B5	Ant.31	Front Side 15mm	0.142	0.128	0.257	0.021	0.270	0.420
		Back Side 15mm	0.138	0.207	0.454	0.037	0.345	0.629
LTE B2	Ant.13	Front Side 15mm	0.132	0.128	0.257	0.021	0.260	0.410
		Back Side 15mm	0.202	0.207	0.454	0.037	0.409	0.693
LTE B2	Ant.31	Front Side 15mm	0.132	0.128	0.257	0.021	0.260	0.410
		Back Side 15mm	0.180	0.207	0.454	0.037	0.387	0.671
LTE B4	Ant.13	Front Side 15mm	0.175	0.128	0.257	0.021	0.303	0.453
		Back Side 15mm	0.157	0.207	0.454	0.037	0.364	0.648
LTE B4	Ant.31	Front Side 15mm	0.125	0.128	0.257	0.021	0.253	0.403
		Back Side 15mm	0.164	0.207	0.454	0.037	0.371	0.655
LTE B5	Ant.13	Front Side 15mm	0.132	0.128	0.257	0.021	0.260	0.410
		Back Side 15mm	0.183	0.207	0.454	0.037	0.390	0.674
LTE B5	Ant.31	Front Side 15mm	0.135	0.128	0.257	0.021	0.263	0.413
		Back Side 15mm	0.107	0.207	0.454	0.037	0.314	0.598
LTE B7	Ant.13	Front Side 15mm	0.062	0.128	0.257	0.021	0.190	0.340
		Back Side 15mm	0.109	0.207	0.454	0.037	0.316	0.600
LTE B7	Ant.31	Front Side 15mm	0.149	0.128	0.257	0.021	0.277	0.427
		Back Side 15mm	0.190	0.207	0.454	0.037	0.397	0.681

LTE B13	Ant.13	Front Side 15mm	0.101	0.128	0.257	0.021	0.229	0.379
		Back Side 15mm	0.119	0.207	0.454	0.037	0.326	0.610
LTE B13	Ant.31	Front Side 15mm	0.097	0.128	0.257	0.021	0.225	0.375
		Back Side 15mm	0.108	0.207	0.454	0.037	0.315	0.599
LTE B18	Ant.13	Front Side 15mm	0.104	0.128	0.257	0.021	0.232	0.382
		Back Side 15mm	0.151	0.207	0.454	0.037	0.358	0.642
LTE B18	Ant.31	Front Side 15mm	0.127	0.128	0.257	0.021	0.255	0.405
		Back Side 15mm	0.196	0.207	0.454	0.037	0.403	0.687
LTE B19	Ant.13	Front Side 15mm	0.120	0.128	0.257	0.021	0.248	0.398
		Back Side 15mm	0.229	0.207	0.454	0.037	0.436	0.720
LTE B19	Ant.31	Front Side 15mm	0.141	0.128	0.257	0.021	0.269	0.419
		Back Side 15mm	0.172	0.207	0.454	0.037	0.379	0.663
LTE B26	Ant.13	Front Side 15mm	0.125	0.128	0.257	0.021	0.253	0.403
		Back Side 15mm	0.151	0.207	0.454	0.037	0.358	0.642
LTE B26	Ant.31	Front Side 15mm	0.122	0.128	0.257	0.021	0.250	0.400
		Back Side 15mm	0.123	0.207	0.454	0.037	0.330	0.614
LTE B66	Ant.13	Front Side 15mm	0.148	0.128	0.257	0.021	0.276	0.426
		Back Side 15mm	0.132	0.207	0.454	0.037	0.339	0.623
LTE B66	Ant.31	Front Side 15mm	0.108	0.128	0.257	0.021	0.236	0.386
		Back Side 15mm	0.157	0.207	0.454	0.037	0.364	0.648
LTE B38	Ant.13	Front Side 15mm	0.044	0.128	0.257	0.021	0.172	0.322
		Back Side 15mm	0.056	0.207	0.454	0.037	0.263	0.547
LTE B38	Ant.31	Front Side 15mm	0.177	0.128	0.257	0.021	0.305	0.455
		Back Side 15mm	0.282	0.207	0.454	0.037	0.489	0.773
LTE B41	Ant.13	Front Side 15mm	0.063	0.128	0.257	0.021	0.191	0.341
		Back Side 15mm	0.067	0.207	0.454	0.037	0.274	0.558
LTE B41	Ant.31	Front Side 15mm	0.184	0.128	0.257	0.021	0.312	0.462
		Back Side 15mm	0.229	0.207	0.454	0.037	0.436	0.720

Note:

1: The simultaneous transmission combinations of the antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.797 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.3 Hotspot Simultaneous Transmission SAR Evaluation for WWAN and WLAN and BT

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4		
			WWAN	2.4GWIFI Max.	5GWIFI Max.	Bluetooth	1+2	1+3+4
			DSI4	Level4	Level4			
GSM850	Ant.13	Front Side 10mm	0.230	0.278	0.077	0.043	0.508	0.350
		Back Side 10mm	0.219	0.516	0.174	0.084	0.735	0.477
		Left Edge 10mm	0.074	0.316	0.257	0.051	0.390	0.382
		Right Edge 10mm	0.136	0.000	0.000	0.000	0.136	0.136
		Top Edge 10mm	0.251	0.421	0.157	0.060	0.672	0.468
GSM850	Ant.31	Front Side 10mm	0.087	0.278	0.077	0.043	0.365	0.207
		Back Side 10mm	0.139	0.516	0.174	0.084	0.655	0.397
		Left Edge 10mm	0.014	0.316	0.257	0.051	0.330	0.322
		Right Edge 10mm	0.073	0.000	0.000	0.000	0.073	0.073
		Bottom Edge 10mm	0.130	0.000	0.000	0.000	0.130	0.130
GSM1900	Ant.13	Front Side 10mm	0.147	0.278	0.077	0.043	0.425	0.267
		Back Side 10mm	0.148	0.516	0.174	0.084	0.664	0.406
		Left Edge 10mm	0.017	0.316	0.257	0.051	0.333	0.325
		Right Edge 10mm	0.052	0.000	0.000	0.000	0.052	0.052
		Top Edge 10mm	0.365	0.421	0.157	0.060	0.786	0.582
GSM1900	Ant.31	Front Side 10mm	0.362	0.278	0.077	0.043	0.640	0.482
		Back Side 10mm	0.536	0.516	0.174	0.084	1.052	0.794
		Left Edge 10mm	0.173	0.316	0.257	0.051	0.489	0.481
		Right Edge 10mm	0.087	0.000	0.000	0.000	0.087	0.087
		Bottom Edge 10mm	0.643	0.000	0.000	0.000	0.643	0.643
WCDMA B2	Ant.13	Front Side 10mm	0.306	0.278	0.077	0.043	0.584	0.426
		Back Side 10mm	0.281	0.516	0.174	0.084	0.797	0.539
		Left Edge 10mm	0.028	0.316	0.257	0.051	0.344	0.336
		Right Edge 10mm	0.086	0.000	0.000	0.000	0.086	0.086
		Top Edge 10mm	0.734	0.421	0.157	0.060	1.155	0.951
WCDMA B2	Ant.31	Front Side 10mm	0.284	0.278	0.077	0.043	0.562	0.404
		Back Side 10mm	0.429	0.516	0.174	0.084	0.945	0.687
		Left Edge 10mm	0.135	0.316	0.257	0.051	0.451	0.443
		Right Edge 10mm	0.064	0.000	0.000	0.000	0.064	0.064
		Bottom Edge 10mm	0.744	0.000	0.000	0.000	0.744	0.744
WCDMA B4	Ant.13	Front Side 10mm	0.298	0.278	0.077	0.043	0.576	0.418
		Back Side 10mm	0.202	0.516	0.174	0.084	0.718	0.460
		Left Edge 10mm	0.019	0.316	0.257	0.051	0.335	0.327
		Right Edge 10mm	0.041	0.000	0.000	0.000	0.041	0.041
		Top Edge 10mm	0.535	0.421	0.157	0.060	0.956	0.752
WCDMA B4	Ant.31	Front Side 10mm	0.457	0.278	0.077	0.043	0.735	0.577
		Back Side 10mm	0.299	0.516	0.174	0.084	0.815	0.557

		Left Edge 10mm	0.053	0.316	0.257	0.051	0.369	0.361
		Right Edge 10mm	0.046	0.000	0.000	0.000	0.046	0.046
		Bottom Edge 10mm	0.644	0.000	0.000	0.000	0.644	0.644
WCDMA B5	Ant.13	Front Side 10mm	0.254	0.278	0.077	0.043	0.532	0.374
		Back Side 10mm	0.260	0.516	0.174	0.084	0.776	0.518
		Left Edge 10mm	0.079	0.316	0.257	0.051	0.395	0.387
		Right Edge 10mm	0.198	0.000	0.000	0.000	0.198	0.198
		Top Edge 10mm	0.288	0.421	0.157	0.060	0.709	0.505
WCDMA B5	Ant.31	Front Side 10mm	0.145	0.278	0.077	0.043	0.423	0.265
		Back Side 10mm	0.240	0.516	0.174	0.084	0.756	0.498
		Left Edge 10mm	0.092	0.316	0.257	0.051	0.408	0.400
		Right Edge 10mm	0.165	0.000	0.000	0.000	0.165	0.165
		Bottom Edge 10mm	0.214	0.000	0.000	0.000	0.214	0.214
LTE B2	Ant.13	Front Side 10mm	0.264	0.278	0.077	0.043	0.542	0.384
		Back Side 10mm	0.250	0.516	0.174	0.084	0.766	0.508
		Left Edge 10mm	0.013	0.316	0.257	0.051	0.329	0.321
		Right Edge 10mm	0.042	0.000	0.000	0.000	0.042	0.042
		Top Edge 10mm	0.604	0.421	0.157	0.060	1.025	0.821
LTE B2	Ant.31	Front Side 10mm	0.358	0.278	0.077	0.043	0.636	0.478
		Back Side 10mm	0.410	0.516	0.174	0.084	0.926	0.668
		Left Edge 10mm	0.117	0.316	0.257	0.051	0.433	0.425
		Right Edge 10mm	0.047	0.000	0.000	0.000	0.047	0.047
		Bottom Edge 10mm	0.721	0.000	0.000	0.000	0.721	0.721
LTE B4	Ant.13	Front Side 10mm	0.314	0.278	0.077	0.043	0.592	0.434
		Back Side 10mm	0.223	0.516	0.174	0.084	0.739	0.481
		Left Edge 10mm	0.011	0.316	0.257	0.051	0.327	0.319
		Right Edge 10mm	0.024	0.000	0.000	0.000	0.024	0.024
		Top Edge 10mm	0.555	0.421	0.157	0.060	0.976	0.772
LTE B4	Ant.31	Front Side 10mm	0.230	0.278	0.077	0.043	0.508	0.350
		Back Side 10mm	0.379	0.516	0.174	0.084	0.895	0.637
		Left Edge 10mm	0.070	0.316	0.257	0.051	0.386	0.378
		Right Edge 10mm	0.042	0.000	0.000	0.000	0.042	0.042
		Bottom Edge 10mm	0.660	0.000	0.000	0.000	0.660	0.660
LTE B5	Ant.13	Front Side 10mm	0.184	0.278	0.077	0.043	0.462	0.304
		Back Side 10mm	0.160	0.516	0.174	0.084	0.676	0.418
		Left Edge 10mm	0.026	0.316	0.257	0.051	0.342	0.334
		Right Edge 10mm	0.114	0.000	0.000	0.000	0.114	0.114
		Top Edge 10mm	0.198	0.421	0.157	0.060	0.619	0.415
LTE B5	Ant.31	Front Side 10mm	0.115	0.278	0.077	0.043	0.393	0.235
		Back Side 10mm	0.188	0.516	0.174	0.084	0.704	0.446
		Left Edge 10mm	0.050	0.316	0.257	0.051	0.366	0.358
		Right Edge 10mm	0.103	0.000	0.000	0.000	0.103	0.103
		Bottom Edge 10mm	0.161	0.000	0.000	0.000	0.161	0.161

LTE B7	Ant.13	Front Side 10mm	0.128	0.278	0.077	0.043	0.406	0.248
		Back Side 10mm	0.192	0.516	0.174	0.084	0.708	0.450
		Left Edge 10mm	0.004	0.316	0.257	0.051	0.320	0.312
		Right Edge 10mm	0.036	0.000	0.000	0.000	0.036	0.036
		Top Edge 10mm	0.395	0.421	0.157	0.060	0.816	0.612
LTE B7	Ant.31	Front Side 10mm	0.348	0.278	0.077	0.043	0.626	0.468
		Back Side 10mm	0.457	0.516	0.174	0.084	0.973	0.715
		Left Edge 10mm	0.239	0.316	0.257	0.051	0.555	0.547
		Right Edge 10mm	0.104	0.000	0.000	0.000	0.104	0.104
		Bottom Edge 10mm	0.285	0.000	0.000	0.000	0.285	0.285
LTE B13	Ant.13	Front Side 10mm	0.067	0.278	0.077	0.043	0.345	0.187
		Back Side 10mm	0.092	0.516	0.174	0.084	0.608	0.350
		Left Edge 10mm	0.013	0.316	0.257	0.051	0.329	0.321
		Right Edge 10mm	0.117	0.000	0.000	0.000	0.117	0.117
		Top Edge 10mm	0.085	0.421	0.157	0.060	0.506	0.302
LTE B13	Ant.31	Front Side 10mm	0.068	0.278	0.077	0.043	0.346	0.188
		Back Side 10mm	0.094	0.516	0.174	0.084	0.610	0.352
		Left Edge 10mm	0.058	0.316	0.257	0.051	0.374	0.366
		Right Edge 10mm	0.112	0.000	0.000	0.000	0.112	0.112
		Bottom Edge 10mm	0.101	0.000	0.000	0.000	0.101	0.101
LTE B18	Ant.13	Front Side 10mm	0.211	0.278	0.077	0.043	0.489	0.331
		Back Side 10mm	0.421	0.516	0.174	0.084	0.937	0.679
		Left Edge 10mm	0.021	0.316	0.257	0.051	0.337	0.329
		Right Edge 10mm	0.094	0.000	0.000	0.000	0.094	0.094
		Top Edge 10mm	0.262	0.421	0.157	0.060	0.683	0.479
LTE B18	Ant.31	Front Side 10mm	0.136	0.278	0.077	0.043	0.414	0.256
		Back Side 10mm	0.220	0.516	0.174	0.084	0.736	0.478
		Left Edge 10mm	0.140	0.316	0.257	0.051	0.456	0.448
		Right Edge 10mm	0.131	0.000	0.000	0.000	0.131	0.131
		Bottom Edge 10mm	0.173	0.000	0.000	0.000	0.173	0.173
LTE B19	Ant.13	Front Side 10mm	0.125	0.278	0.077	0.043	0.403	0.245
		Back Side 10mm	0.195	0.516	0.174	0.084	0.711	0.453
		Left Edge 10mm	0.010	0.316	0.257	0.051	0.326	0.318
		Right Edge 10mm	0.057	0.000	0.000	0.000	0.057	0.057
		Top Edge 10mm	0.170	0.421	0.157	0.060	0.591	0.387
LTE B19	Ant.31	Front Side 10mm	0.083	0.278	0.077	0.043	0.361	0.203
		Back Side 10mm	0.146	0.516	0.174	0.084	0.662	0.404
		Left Edge 10mm	0.073	0.316	0.257	0.051	0.389	0.381
		Right Edge 10mm	0.078	0.000	0.000	0.000	0.078	0.078
		Bottom Edge 10mm	0.135	0.000	0.000	0.000	0.135	0.135
LTE B26	Ant.13	Front Side 10mm	0.205	0.278	0.077	0.043	0.483	0.325
		Back Side 10mm	0.181	0.516	0.174	0.084	0.697	0.439
		Left Edge 10mm	0.040	0.316	0.257	0.051	0.356	0.348

		Right Edge 10mm	0.130	0.000	0.000	0.000	0.130	0.130
		Top Edge 10mm	0.224	0.421	0.157	0.060	0.645	0.441
LTE B26	Ant.31	Front Side 10mm	0.116	0.278	0.077	0.043	0.394	0.236
		Back Side 10mm	0.200	0.516	0.174	0.084	0.716	0.458
		Left Edge 10mm	0.098	0.316	0.257	0.051	0.414	0.406
		Right Edge 10mm	0.121	0.000	0.000	0.000	0.121	0.121
		Bottom Edge 10mm	0.181	0.000	0.000	0.000	0.181	0.181
LTE B66	Ant.13	Front Side 10mm	0.254	0.278	0.077	0.043	0.532	0.374
		Back Side 10mm	0.211	0.516	0.174	0.084	0.727	0.469
		Left Edge 10mm	0.018	0.316	0.257	0.051	0.334	0.326
		Right Edge 10mm	0.057	0.000	0.000	0.000	0.057	0.057
		Top Edge 10mm	0.415	0.421	0.157	0.060	0.836	0.632
LTE B66	Ant.31	Front Side 10mm	0.223	0.278	0.077	0.043	0.501	0.343
		Back Side 10mm	0.329	0.516	0.174	0.084	0.845	0.587
		Left Edge 10mm	0.076	0.316	0.257	0.051	0.392	0.384
		Right Edge 10mm	0.042	0.000	0.000	0.000	0.042	0.042
		Bottom Edge 10mm	0.620	0.000	0.000	0.000	0.620	0.620
LTE B38	Ant.13	Front Side 10mm	0.241	0.278	0.077	0.043	0.519	0.361
		Back Side 10mm	0.218	0.516	0.174	0.084	0.734	0.476
		Left Edge 10mm	0.012	0.316	0.257	0.051	0.328	0.320
		Right Edge 10mm	0.049	0.000	0.000	0.000	0.049	0.049
		Top Edge 10mm	0.291	0.421	0.157	0.060	0.712	0.508
LTE B38	Ant.31	Front Side 10mm	0.339	0.278	0.077	0.043	0.617	0.459
		Back Side 10mm	0.510	0.516	0.174	0.084	1.026	0.768
		Left Edge 10mm	0.192	0.316	0.257	0.051	0.508	0.500
		Right Edge 10mm	0.077	0.000	0.000	0.000	0.077	0.077
		Bottom Edge 10mm	0.296	0.000	0.000	0.000	0.296	0.296
LTE B41	Ant.13	Front Side 10mm	0.140	0.278	0.077	0.043	0.418	0.260
		Back Side 10mm	0.108	0.516	0.174	0.084	0.624	0.366
		Left Edge 10mm	0.007	0.316	0.257	0.051	0.323	0.315
		Right Edge 10mm	0.017	0.000	0.000	0.000	0.017	0.017
		Top Edge 10mm	0.292	0.421	0.157	0.060	0.713	0.509
LTE B41	Ant.31	Front Side 10mm	0.553	0.278	0.077	0.043	0.831	0.673
		Back Side 10mm	0.703	0.516	0.174	0.084	1.219	0.961
		Left Edge 10mm	0.173	0.316	0.257	0.051	0.489	0.481
		Right Edge 10mm	0.098	0.000	0.000	0.000	0.098	0.098
		Bottom Edge 10mm	0.381	0.000	0.000	0.000	0.381	0.381

Note:

1: The simultaneous transmission combinations of the antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.219 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.4 Specific Simultaneous Transmission SAR Evaluation for WWAN and WLAN and BT

Band	Antenna	Position	Stand alone SAR		SUM SAR
			1	2	
			WWAN	5GWIFI Max.	1+2
			DSI4	Level3	
WCDMA B2	Ant.13	Top Edge 0mm	1.771	1.155	2.926
WCDMA B2	Ant.31	Bottom Edge 0mm	1.679	0.000	1.679
WCDMA B4	Ant.13	Top Edge 0mm	1.970	1.155	3.125
WCDMA B4	Ant.31	Bottom Edge 0mm	2.750	0.000	2.750
LTE B2	Ant.13	Top Edge 0mm	1.496	1.155	2.651
LTE B2	Ant.31	Bottom Edge 0mm	1.111	0.000	1.111
LTE B4	Ant.13	Top Edge 0mm	2.229	1.155	3.384
LTE B7	Ant.13	Top Edge 0mm	1.780	1.155	2.935
LTE B66	Ant.13	Top Edge 0mm	1.573	1.155	2.728

Note:

1: The simultaneous transmission combinations of the antennas antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 10g SAR is 3.384 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

13 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: 1208	2024/08/19	2027/08/18
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2024/05/08	2027/05/07
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2024/05/08	2027/05/07
1950MHz Validation Dipole	Speag	D1950V3	SN: 1240	2024/08/22	2027/08/21
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2024/05/07	2027/05/06
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2024/05/08	2027/05/07
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2024/05/09	2027/05/08
Data Acquisition Electronics	Speag	DAE4	SN: 905	2024/06/28	2025/06/27
Data Acquisition Electronics	Speag	DAE4	SN: 1710	2024/01/03	2025/01/02
E-Field Probe	Speag	EX3DV4	SN: 7510	2024/06/25	2025/06/24
Signal Generator	R&S	SMB100A	177746	2024/04/24	2025/04/23
Power Meter	R&S	NRVD-B2	835843/014	2024/08/08	2025/08/07
Power Sensor	R&S	NRV-Z4	100381	2024/08/08	2025/08/07
Power Sensor	R&S	NRV-Z2	100211	2024/08/08	2025/08/07
Wireless Communication Test Set	Anritsu	MT8820C	6201144551	2024/05/14	2025/05/13
Network Analyzer	Agilent	E5071C	MY46103472	2024/09/11	2025/09/10
Thermometer	Elitech	RC-4HC	EF7216002985	2024/10/31	2025/10/30
Thermometer	Elitech	RC-4HC	EF720B004811	2024/10/31	2025/10/30
Power Amplifier	Mini-Circuits	ZVA-183W-S+	932502132	N/A	N/A
Dielectric Probe Kit	Speag	DAK3.5	SN: 1312	N/A	N/A
Phantom	Speag	SAM	SN: 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 (%)
2025.01.05	Head	750	21.3	0.88	41.80	0.89	41.94	-1.12	-0.33
2024.12.31	Head	835	21.5	0.90	41.92	0.90	41.50	0.00	1.01
2025.01.06	Head	835	21.4	0.90	42.10	0.90	41.50	0.00	1.45
2025.01.07	Head	835	21.5	0.88	41.65	0.90	41.50	-2.22	0.36
2025.01.03	Head	1750	21.5	1.38	40.20	1.37	40.08	0.73	0.30
2025.01.04	Head	1750	21.3	1.38	39.28	1.37	40.08	0.73	-2.00
2025.01.01	Head	1950	21.4	1.41	39.30	1.40	40.00	0.71	-1.75
2025.01.05	Head	1950	21.3	1.40	39.75	1.40	40.00	0.00	-0.63
2025.01.10	Head	2450	21.3	1.80	39.52	1.80	39.20	0.00	0.82
2025.01.09	Head	2600	21.6	1.98	38.60	1.96	39.01	1.02	-1.05
2025.01.08	Head	2600	21.4	2.01	37.69	1.96	39.01	2.55	-3.38
2025.01.14	Head	2600	21.6	2.02	37.66	1.96	39.01	3.06	-3.46
2025.01.11	Head	5250	21.8	4.63	35.71	4.71	35.93	-1.70	-0.61
2025.01.12	Head	5600	21.3	5.19	36.75	5.07	35.53	2.37	3.43
2025.01.13	Head	5750	21.4	5.27	36.22	5.22	35.36	0.96	2.43

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 (%)
2025.01.05	Head	750	100	0.84	8.37	8.46	-1.06
2024.12.31	Head	835	100	0.93	9.31	9.74	-4.41
2025.01.06	Head	835	100	0.94	9.35	9.74	-4.00
2025.01.07	Head	835	100	1.01	10.10	9.74	3.70
2025.01.03	Head	1750	100	3.65	36.50	37.00	-1.35
2025.01.04	Head	1750	100	3.53	35.30	37.00	-4.59
2025.01.01	Head	1950	100	4.13	41.30	41.70	-0.96
2025.01.05	Head	1950	100	3.98	39.80	41.70	-4.56
2025.01.10	Head	2450	100	5.27	52.70	52.60	0.19
2025.01.09	Head	2600	100	5.43	54.30	55.90	-2.86
2025.01.08	Head	2600	100	5.31	53.10	55.90	-5.01
2025.01.14	Head	2600	100	5.74	57.40	55.90	2.68
2025.01.11	Head	5250	100	7.93	79.30	77.70	2.06
2025.01.12	Head	5600	100	7.97	79.70	81.30	-1.97
2025.01.13	Head	5750	100	7.89	78.90	77.60	1.68
Note: The tolerance limit of System validation $\pm 10\%$.							

Head liquid 10g

Date	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2025.01.03	1750	100	1.95	19.50	19.70	-1.02
2025.01.04	1750	100	1.92	19.20	19.70	-2.54
2025.01.01	1950	100	2.18	21.80	21.70	0.46
2025.01.05	1950	100	2.11	21.10	21.70	-2.76
2025.01.10	2450	100	2.49	24.90	24.70	0.81
2025.01.09	2600	100	2.47	24.70	25.40	-2.76
2025.01.08	2600	100	2.39	23.90	25.40	-5.91
2025.01.14	2600	100	2.57	25.70	25.40	1.18
2025.01.11	5250	100	2.25	22.50	22.00	2.27
2025.01.12	5600	100	2.24	22.40	23.10	-3.03
2025.01.13	5750	100	2.22	22.20	21.90	1.37

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

System Performance Check Data (750MHz)

Date: 2025.01.05

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

Medium parameters used: $f = 750$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW750/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.939 W/kg

CW750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 34.69 V/m; Power Drift = -0.05 dB

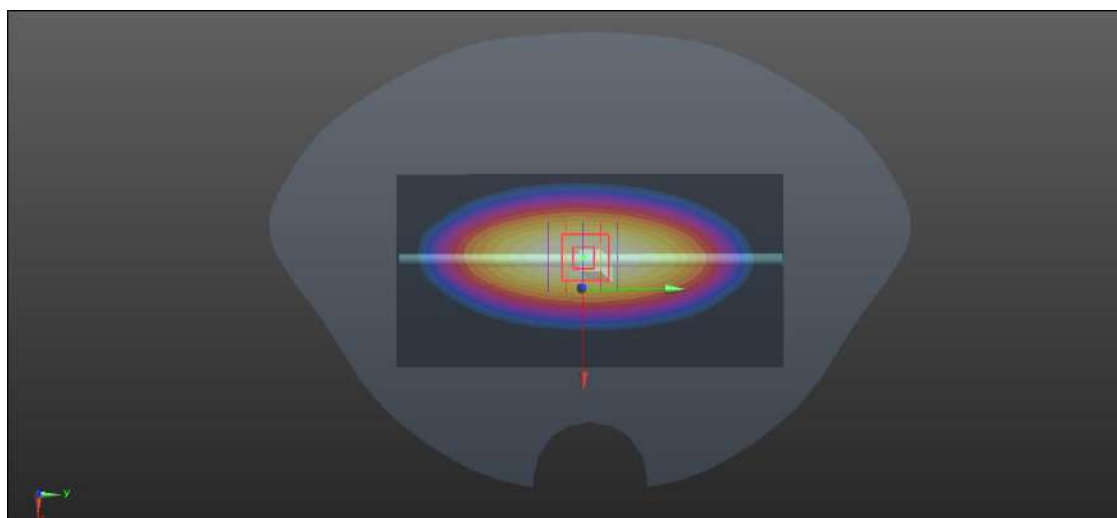
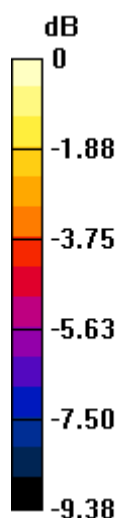
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.565 W/kg

Smallest distance from peaks to all points 3 dB below = 19.4 mm

Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.900 W/kg

System Performance Check Data (835MHz)

Date: 2024.12.31

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

Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.915$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW835/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.989 W/kg

CW835/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.20 V/m; Power Drift = -0.16 dB

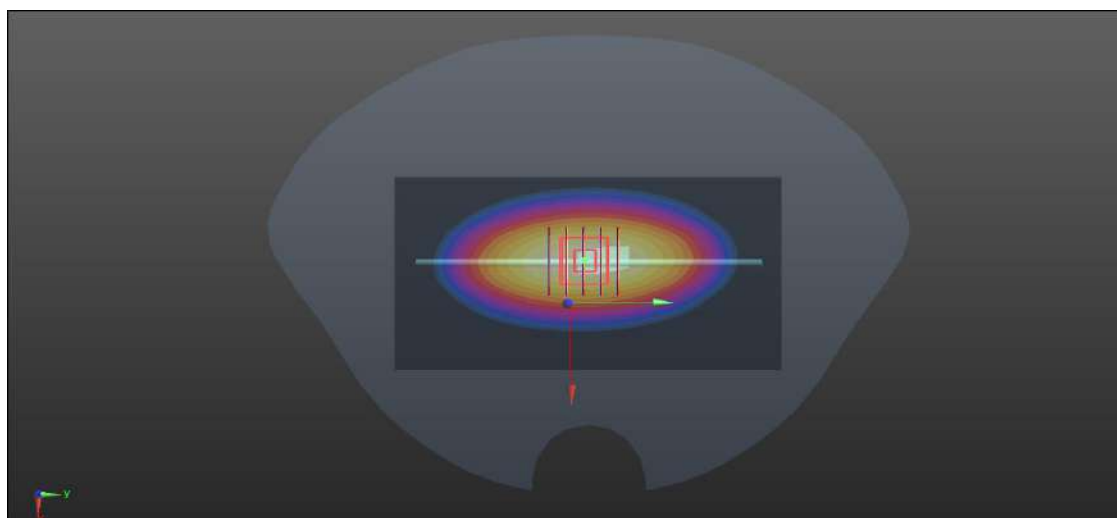
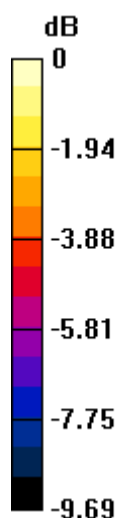
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.624 W/kg

Smallest distance from peaks to all points 3 dB below = 20.5 mm

Ratio of SAR at M2 to SAR at M1 = 69.5%

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg

System Performance Check Data (835MHz)

Date: 2025.01.06

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

Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.102$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW835/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

CW835/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.26 V/m; Power Drift = -0.11 dB

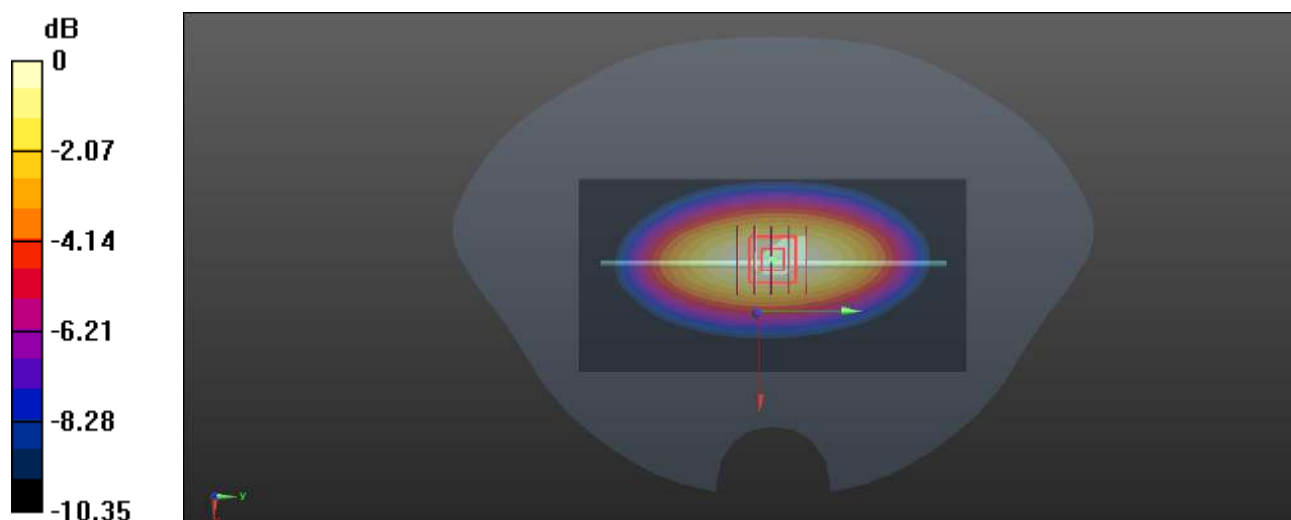
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.616 W/kg

Smallest distance from peaks to all points 3 dB below = 19.8 mm

Ratio of SAR at M2 to SAR at M1 = 67.8%

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

System Performance Check Data (835MHz)

Date: 2025.01.07

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

Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 41.652$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW835/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

CW835/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.36 V/m; Power Drift = -0.12 dB

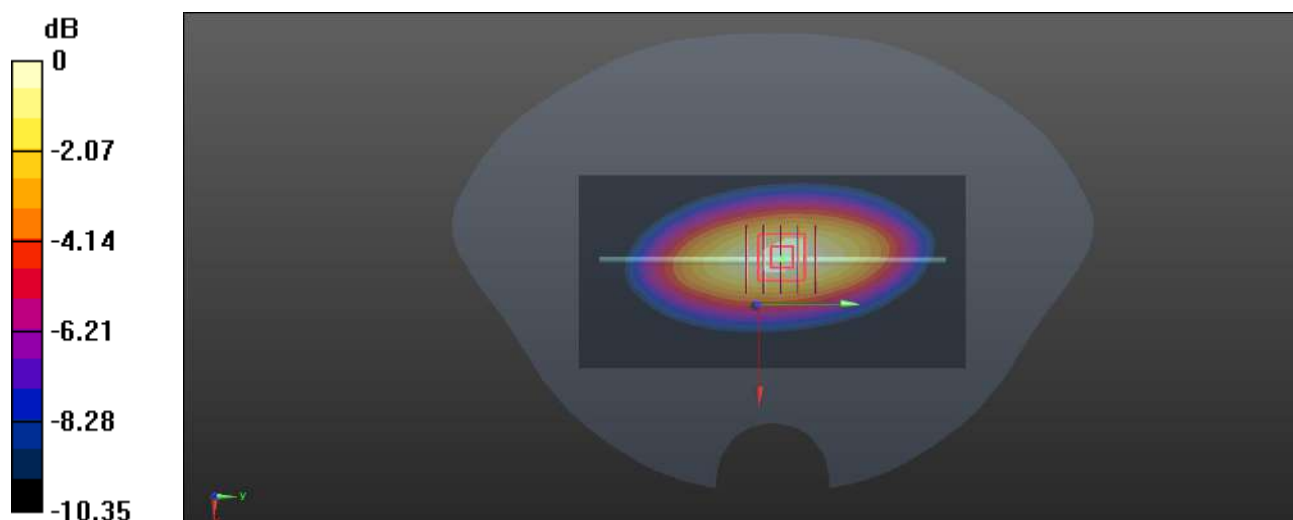
Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.665 W/kg

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 68%

Maximum value of SAR (measured) = 1.10 W/kg



System Performance Check Data (1750MHz)

Date: 2025.01.03

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

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

CW1750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 58.93 V/m; Power Drift = -0.07 dB

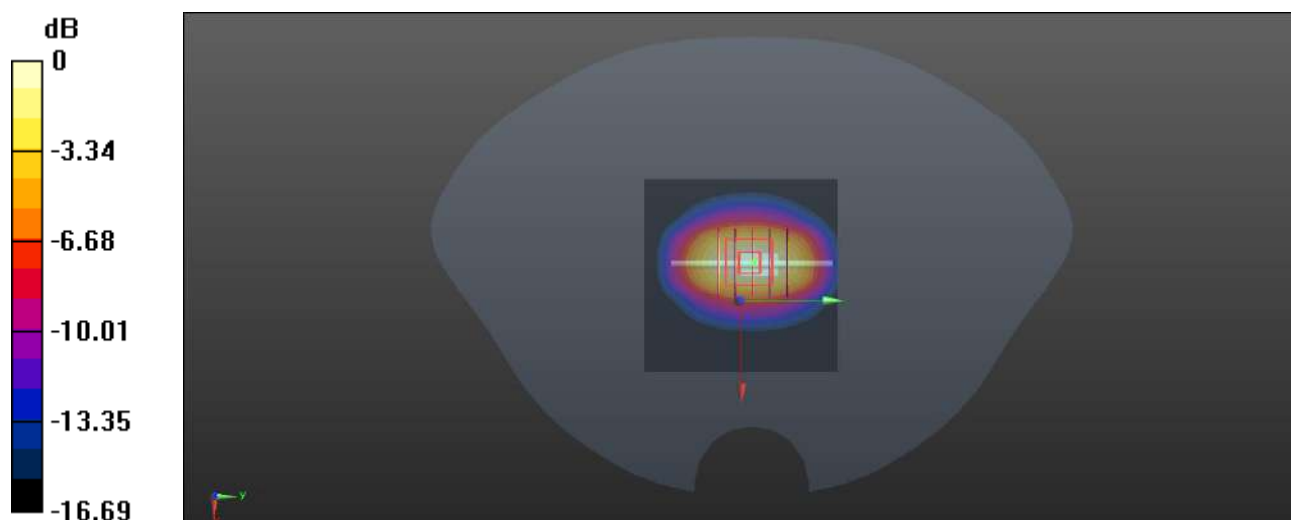
Peak SAR (extrapolated) = 6.59 W/kg

SAR(1 g) = 3.65 W/kg; SAR(10 g) = 1.95 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 4.08 W/kg



System Performance Check Data (1750MHz)

Date: 2025.01.04

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

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 39.282$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.30 W/kg

CW1750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.69 V/m; Power Drift = -0.05 dB

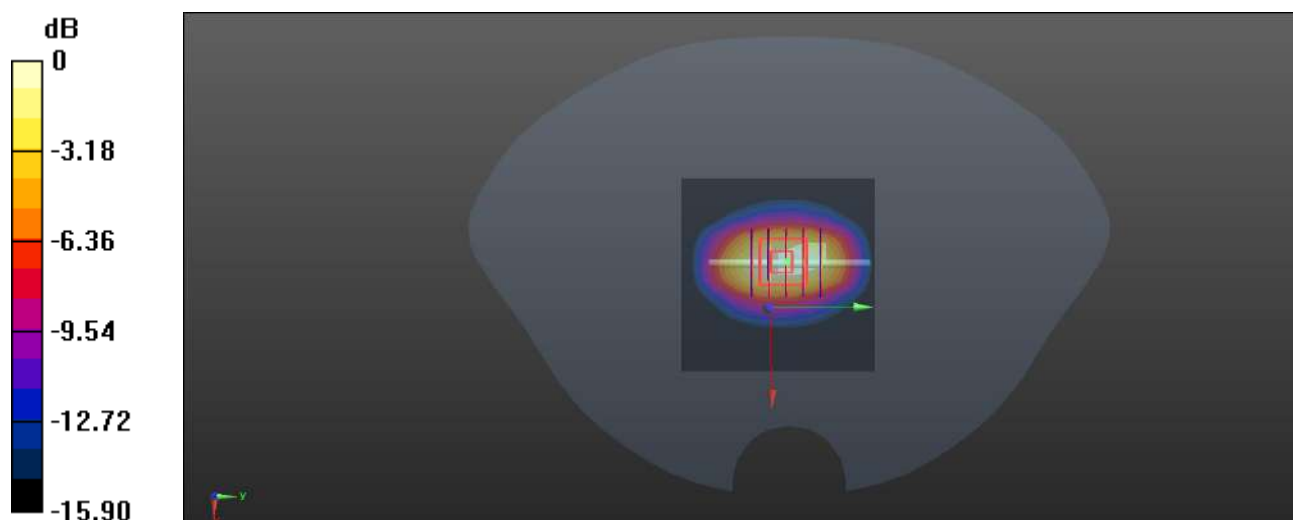
Peak SAR (extrapolated) = 6.15 W/kg

SAR(1 g) = 3.53 W/kg; SAR(10 g) = 1.92 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 3.92 W/kg



0 dB = 3.92 W/kg

System Performance Check Data (1950MHz)

Date: 2025.01.01

Communication System Band: D1950 (1950.0 MHz); Frequency: 1950 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1950$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 39.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1950/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 4.96 W/kg

CW1950/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 58.69 V/m; Power Drift = -0.02 dB

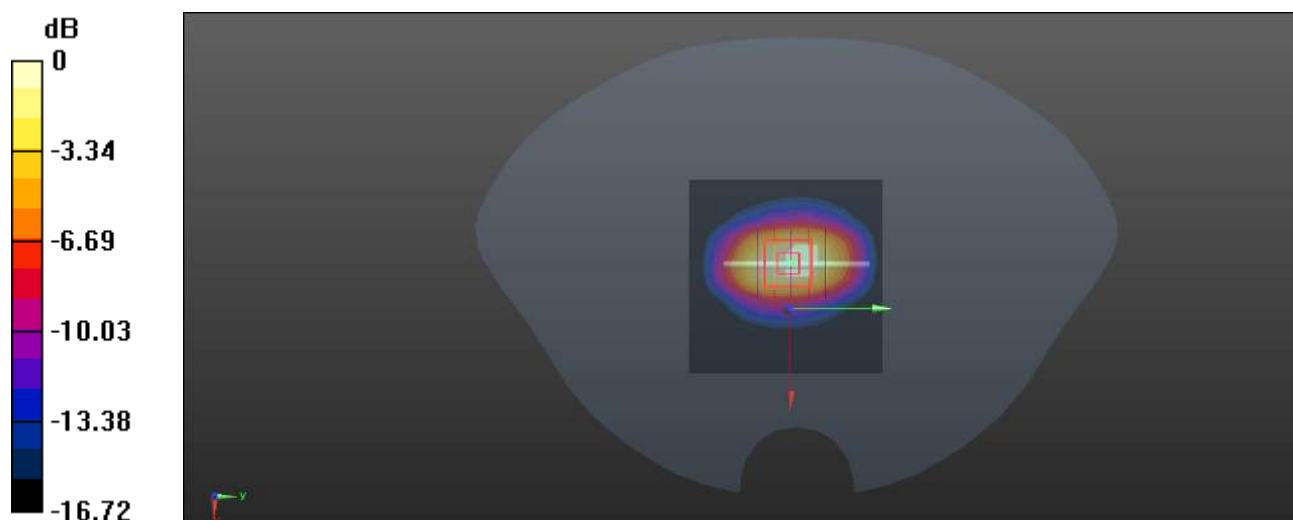
Peak SAR (extrapolated) = 7.38 W/kg

SAR(1 g) = 4.13 W/kg; SAR(10 g) = 2.18 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%

Maximum value of SAR (measured) = 4.63 W/kg



0 dB = 4.63 W/kg

System Performance Check Data (1950MHz)

Date: 2025.01.05

Communication System Band: D1950 (1950.0 MHz); Frequency: 1950 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1950$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 39.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1950/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 4.68 W/kg

CW1950/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.43 V/m; Power Drift = -0.14 dB

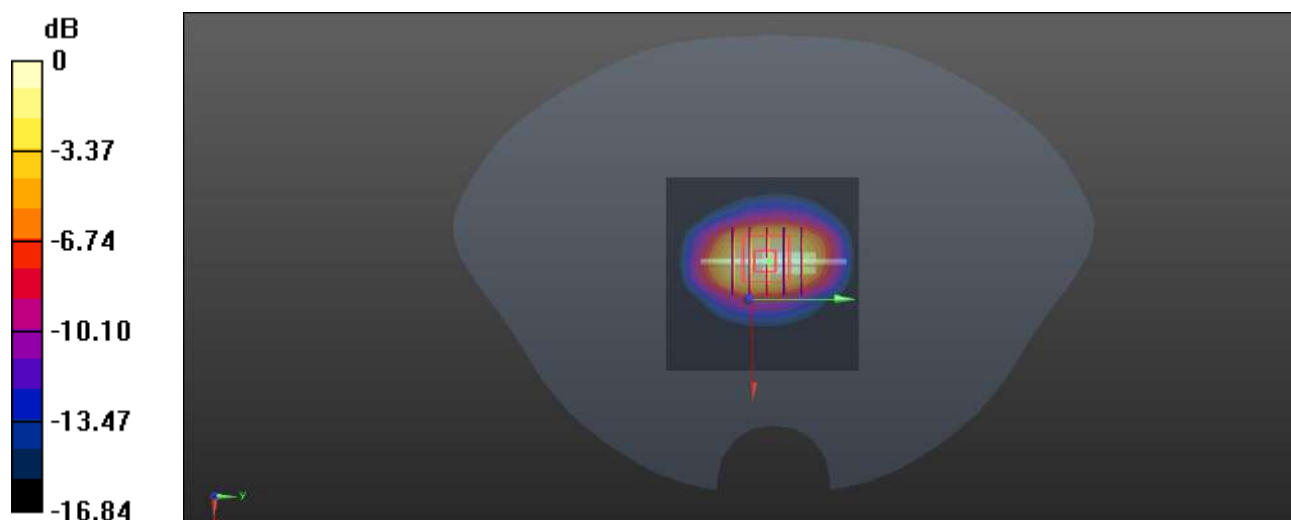
Peak SAR (extrapolated) = 7.09 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.11 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 4.47 W/kg



0 dB = 4.47 W/kg

System Performance Check Data (2450MHz)

Date: 2025.01.10

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

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2450/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 6.10 W/kg

CW2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 57.12 V/m; Power Drift = 0.01 dB

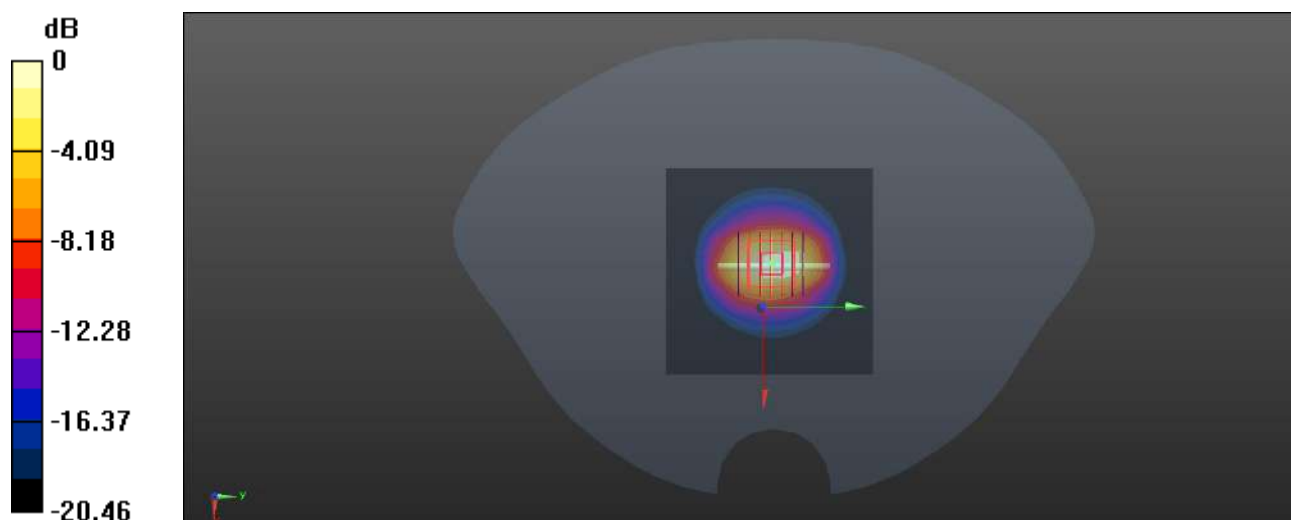
Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.49 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 6.08 W/kg



0 dB = 6.08 W/kg

System Performance Check Data (2600MHz)

Date: 2025.01.09

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.975$ S/m; $\epsilon_r = 38.599$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 6.55 W/kg

CW2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 57.82 V/m; Power Drift = -0.09 dB

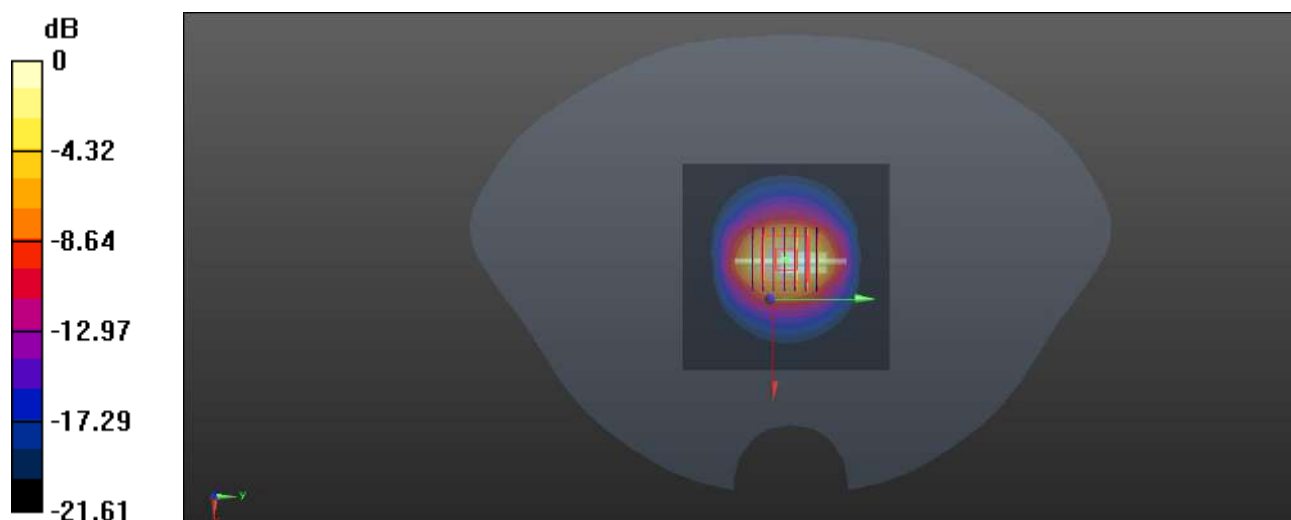
Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.47 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 50.8%

Maximum value of SAR (measured) = 6.28 W/kg



0 dB = 6.28 W/kg

System Performance Check Data (2600MHz)

Date: 2025.01.08

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 37.693$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.31 W/kg

CW2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.07 V/m; Power Drift = -0.04 dB

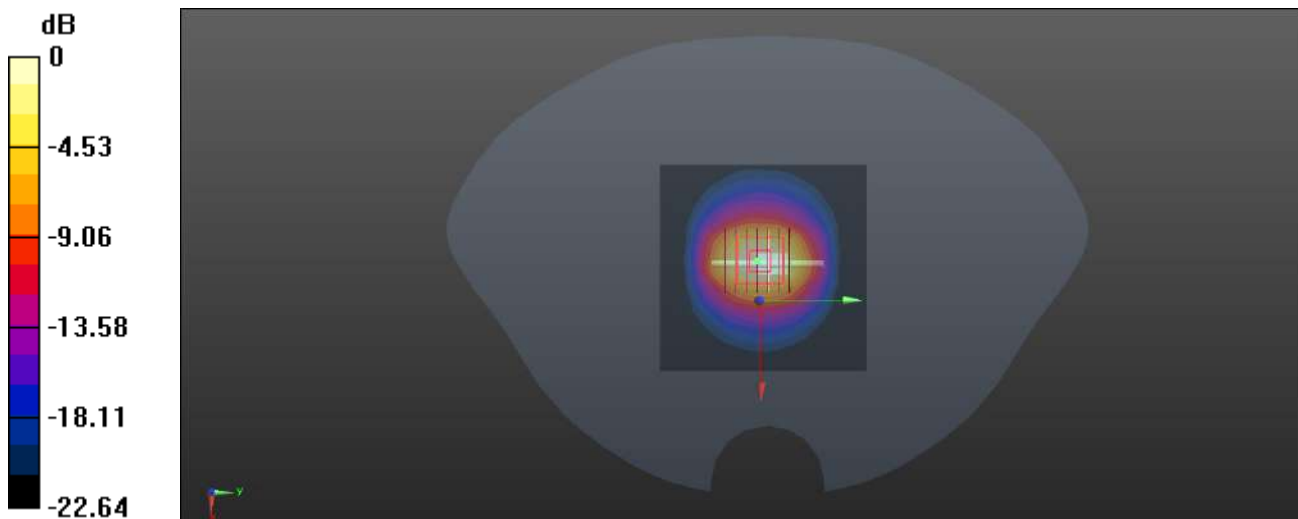
Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.31 W/kg; SAR(10 g) = 2.39 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 48.7%

Maximum value of SAR (measured) = 6.11 W/kg



0 dB = 6.11 W/kg

System Performance Check Data (2600MHz)

Date: 2025.01.14

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 37.656$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 6.79 W/kg

CW2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 59.84 V/m; Power Drift = -0.18 dB

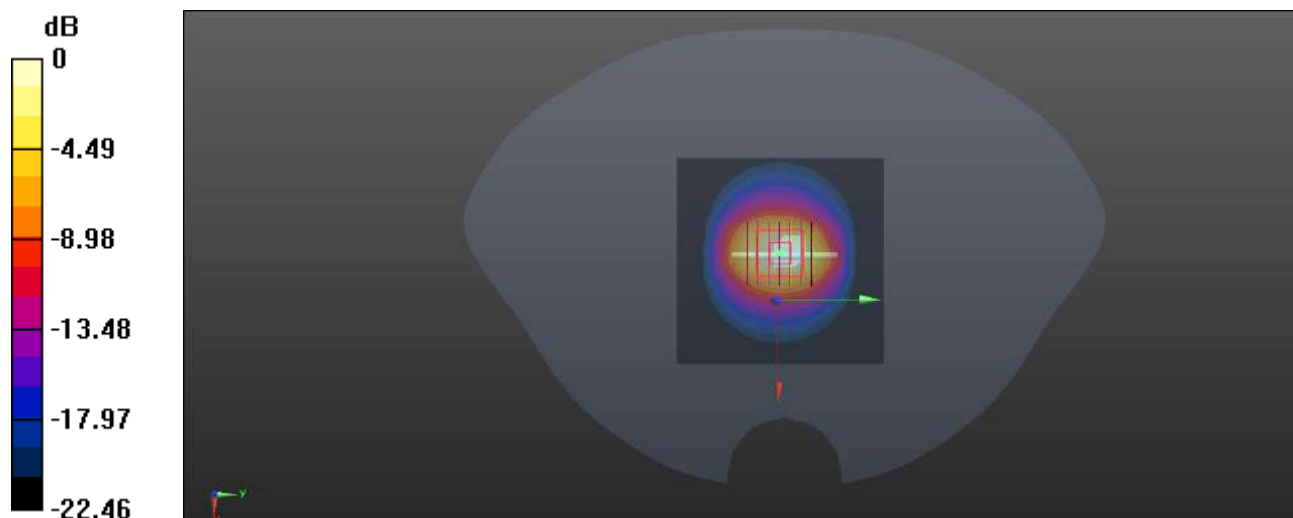
Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.74 W/kg; SAR(10 g) = 2.57 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%

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



0 dB = 6.60 W/kg

System Performance Check Data (5250MHz)

Date: 2025.01.11

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

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.634$ S/m; $\epsilon_r = 35.714$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.74, 5.74, 5.74); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5250/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.1 W/kg

CW5250/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 42.40 V/m; Power Drift = 0.02 dB

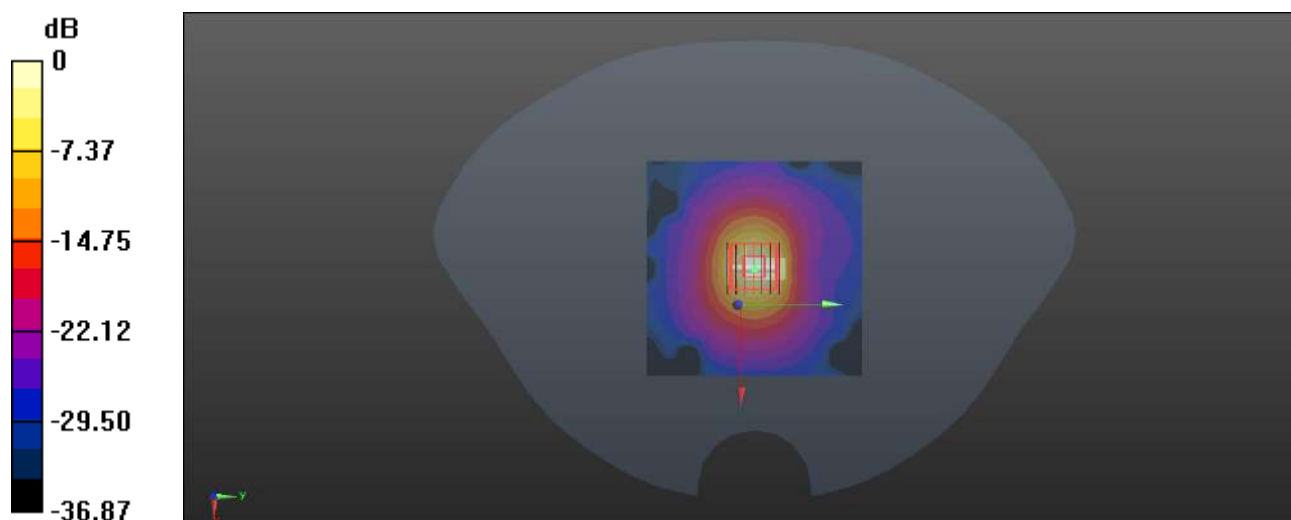
Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.25 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 16.6 W/kg



0 dB = 16.6 W/kg

System Performance Check Data (5600MHz)

Date: 2025.01.12

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.191$ S/m; $\epsilon_r = 36.745$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5, 5, 5); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.5 W/kg

CW5600/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 42.20 V/m; Power Drift = -0.11 dB

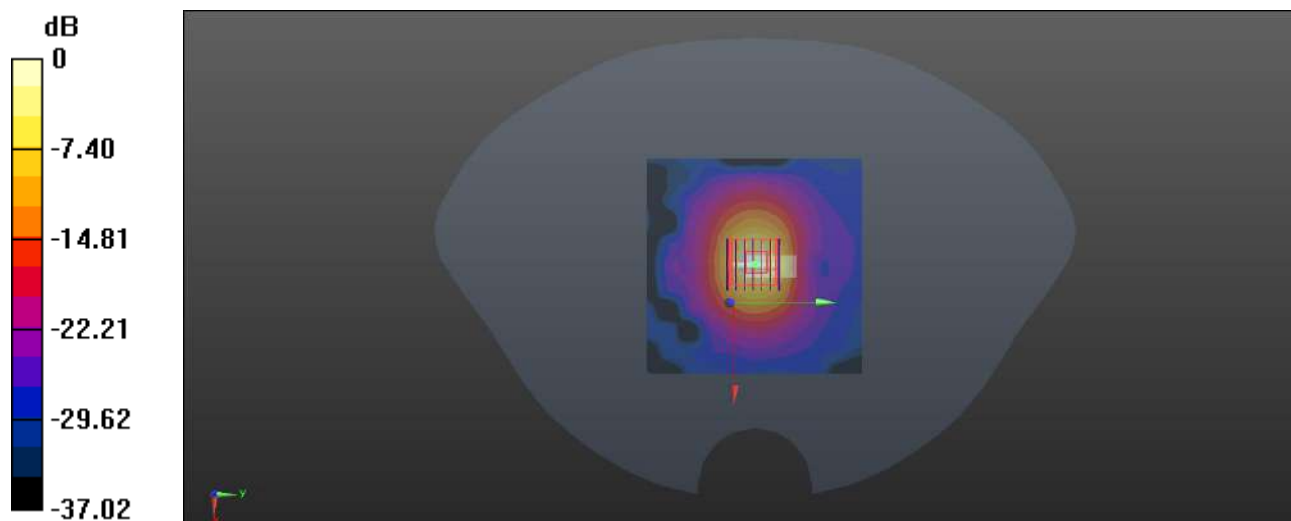
Peak SAR (extrapolated) = 35.6 W/kg

SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.24 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 16.8 W/kg



0 dB = 16.8 W/kg

System Performance Check Data (5750MHz)

Date: 2025.01.13

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

Medium parameters used: $f = 5750$ MHz; $\sigma = 5.271$ S/m; $\epsilon_r = 36.219$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5750/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.8 W/kg

CW5750/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 41.34 V/m; Power Drift = -0.03 dB

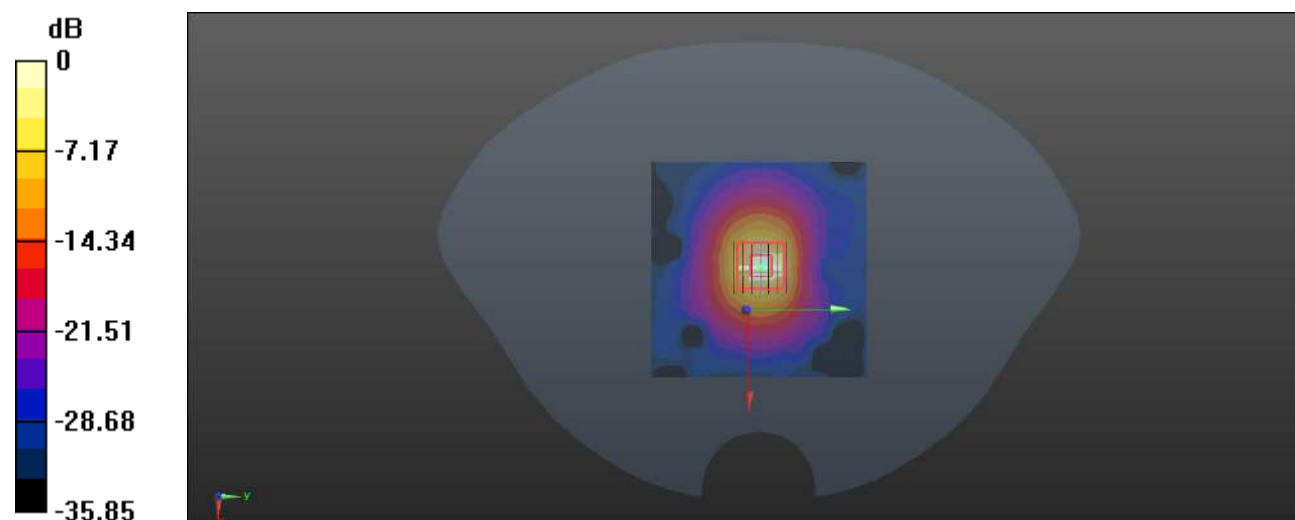
Peak SAR (extrapolated) = 36.9 W/kg

SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.22 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 16.7 W/kg



0 dB = 16.7 W/kg

ANNEX C TEST DATA

Meas.1 Right Head with Cheek on Low Channel in GPRS850 4Slots mode with Antenna 13

Date: 2024.12.31

Communication SystemBand: GPRS850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.164$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.961 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.55 V/m; Power Drift = -0.12 dB

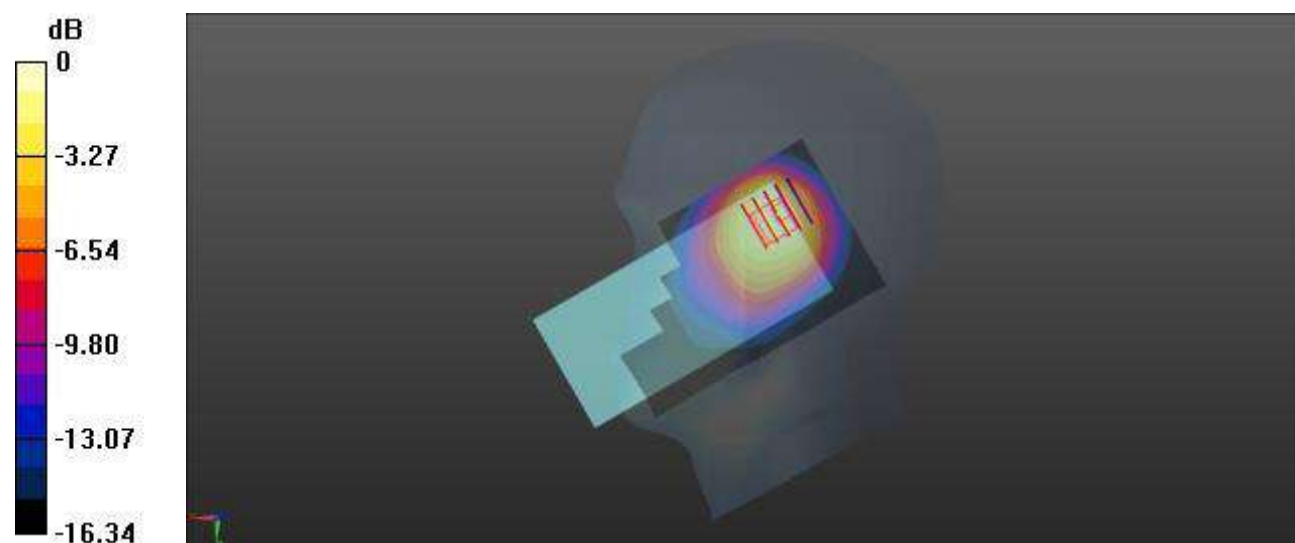
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.484 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.826 W/kg

Meas.2 Body Plane with Back Side 15mm on Middle Channel in GPRS850 4Slots mode with Antenna 13

Date: 2024.12.31

Communication SystemBand: GPRS850; Frequency: 836.6 MHz; Duty Cycle: 1:2.08

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch190/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.166 W/kg

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

Reference Value = 12.91 V/m; Power Drift = -0.05 dB

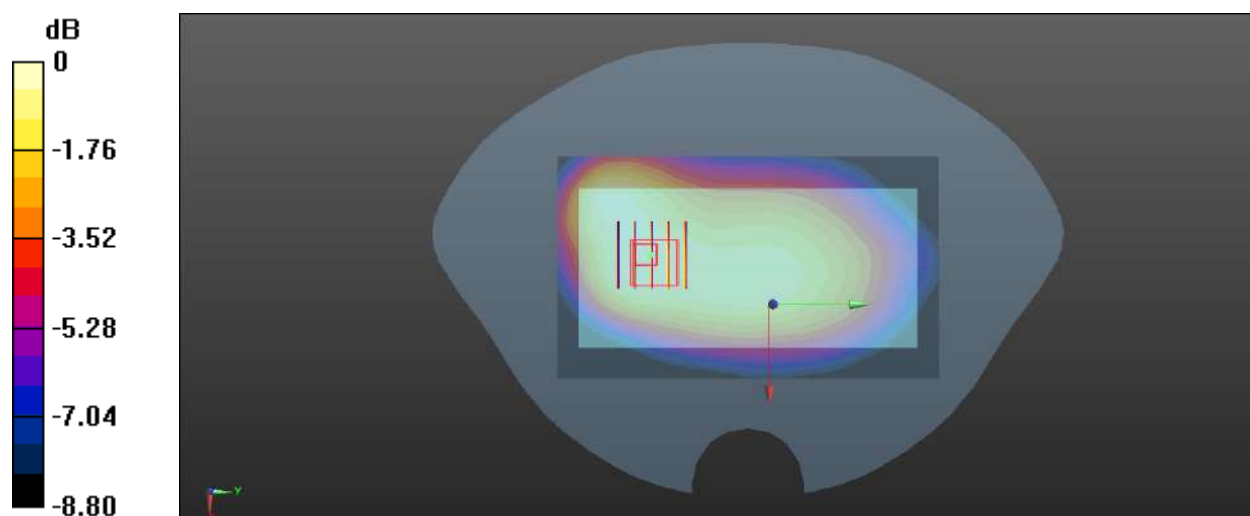
Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.116 W/kg

Smallest distance from peaks to all points 3 dB below = 18.1 mm

Ratio of SAR at M2 to SAR at M1 = 78%

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg

Meas.3 Body Plane with Top Edge 10mm onMiddle Channel in GSM850 4Slots mode with Antenna 13

Date: 2024.12.31

Communication SystemBand: GPRS850; Frequency: 836.6 MHz;Duty Cycle: 1:2.08

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch190/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.202 W/kg

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

Reference Value = 15.17 V/m; Power Drift = -0.02 dB

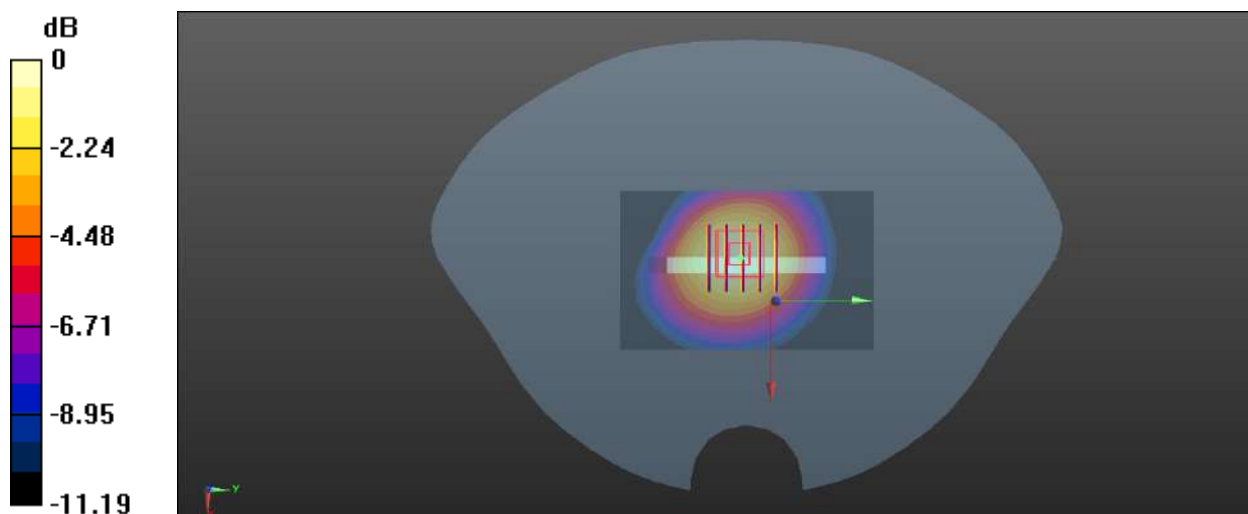
Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.124 W/kg

Smallest distance from peaks to all points 3 dB below = 19.3 mm

Ratio of SAR at M2 to SAR at M1 = 70.8%

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg

Meas.4 Left Head with Cheek on Middle Channel in GPRS1900 4Slots mode with Antenna 31

Date: 2025.01.01

Communication SystemBand: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.08

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.3℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0946 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.546 V/m; Power Drift = 0.05 dB

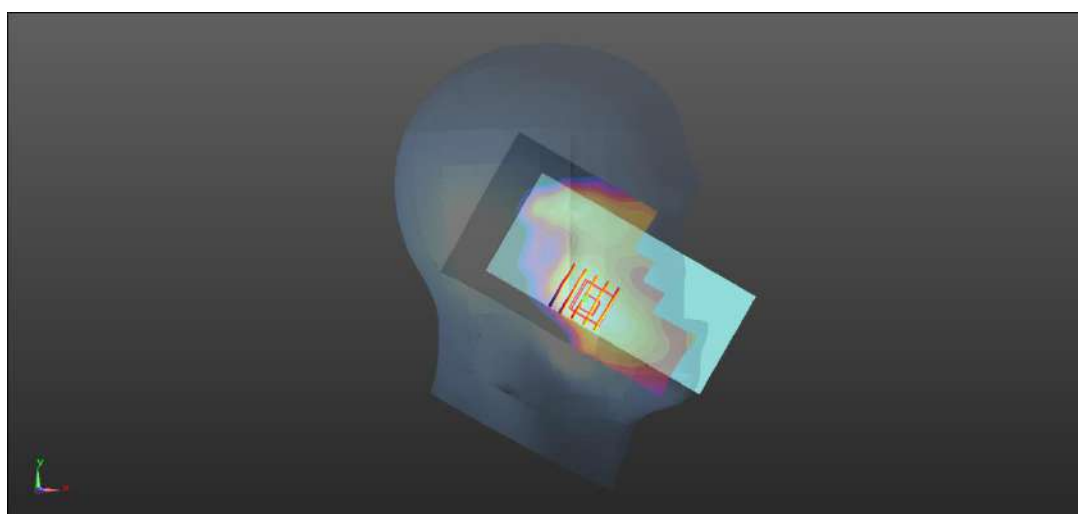
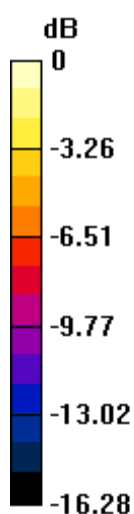
Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.052 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 72.6%

Maximum value of SAR (measured) = 0.0841 W/kg



0 dB = 0.0841 W/kg

Meas.5 Body Plane with Back Side 15mm on Middle Channel in GPRS1900 4Slots mode with Antenna 31

Date: 2025.01.01

Communication SystemBand: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.08

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.225 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.836 V/m; Power Drift = 0.16 dB

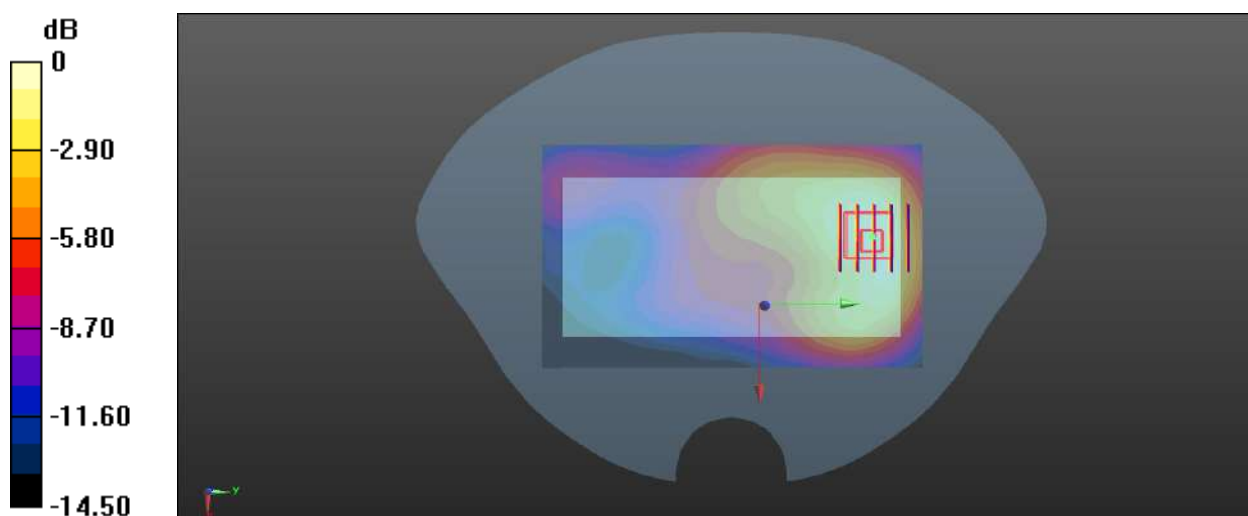
Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.138 W/kg

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 67.5%

Maximum value of SAR (measured) = 0.230 W/kg



Meas.6 Body Plane with Bottom Edge 10mm on Middle Channel in GPRS1900 4Slots mode with Antenna 31

Date: 2025.01.01

Communication SystemBand: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.08

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.556 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.92 V/m; Power Drift = 0.12 dB

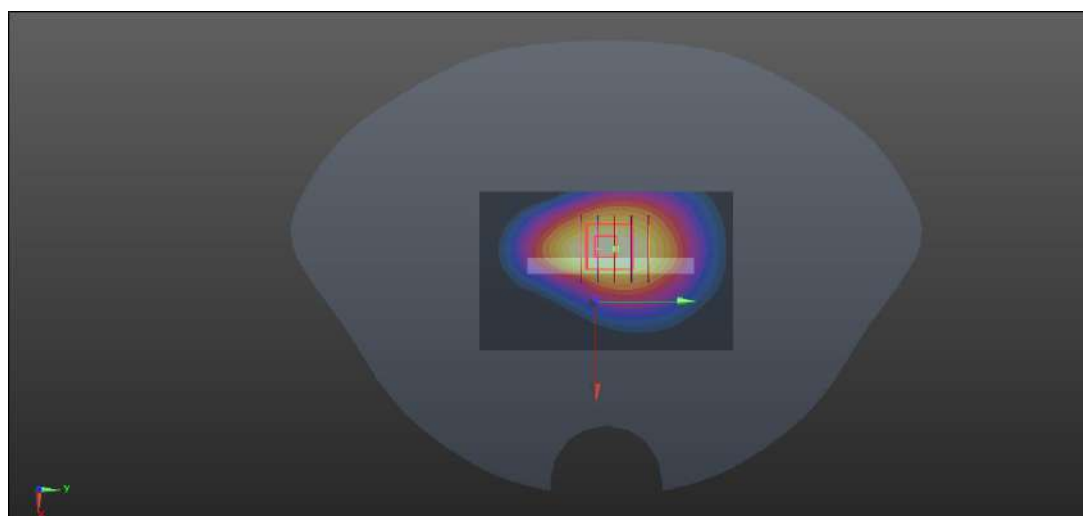
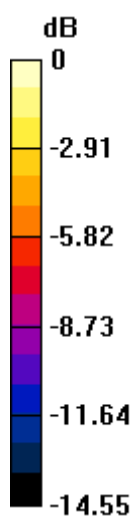
Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.297 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.3%

Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg

Meas.7 Left Head with Cheek on Middle Channel in WCDMABand2 mode with Antenna 31

Date: 2025.01.01

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.148 W/kg

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

Reference Value = 1.475 V/m; Power Drift = 0.06 dB

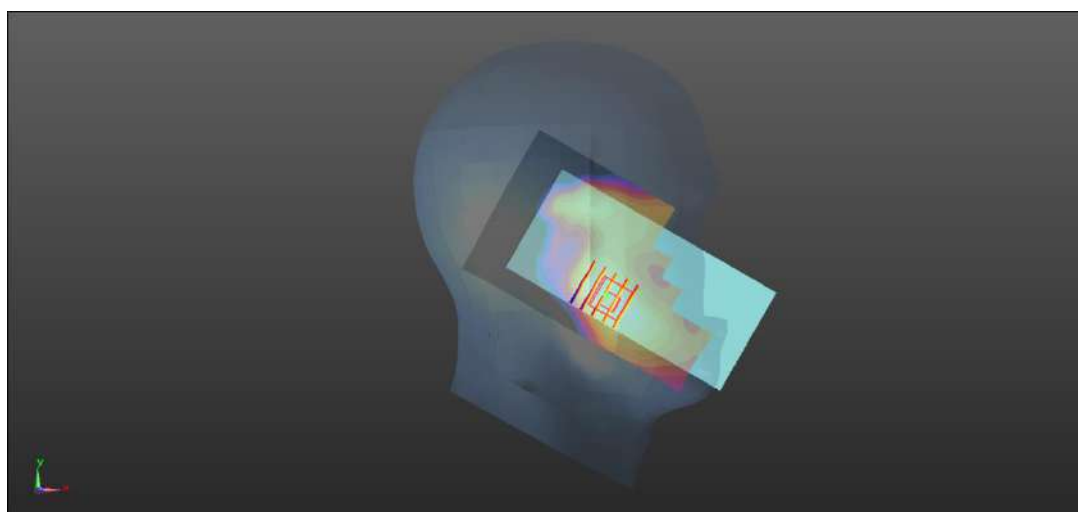
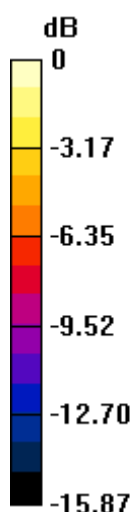
Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below = 13.1 mm

Ratio of SAR at M2 to SAR at M1 = 74.5%

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg

Meas.8 Body Plane with Back Side 15mm on Middle Channel in WCDMA Band2 mode with Antenna 13

Date: 2025.01.01

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.192 W/kg

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

Reference Value = 5.981 V/m; Power Drift = -0.05 dB

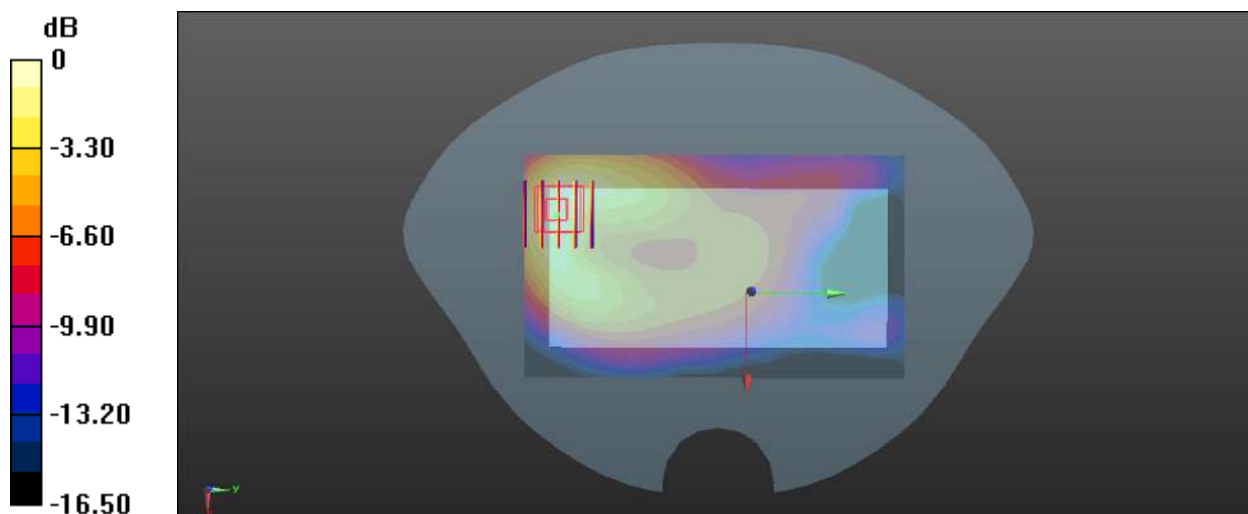
Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.103 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg

Meas.9 Body Plane with Bottom Edge 10mm on Middle Channel in WCDMA Band2 mode with Antenna 31

Date: 2025.01.01

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.717 W/kg

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

Reference Value = 19.84 V/m; Power Drift = -0.08 dB

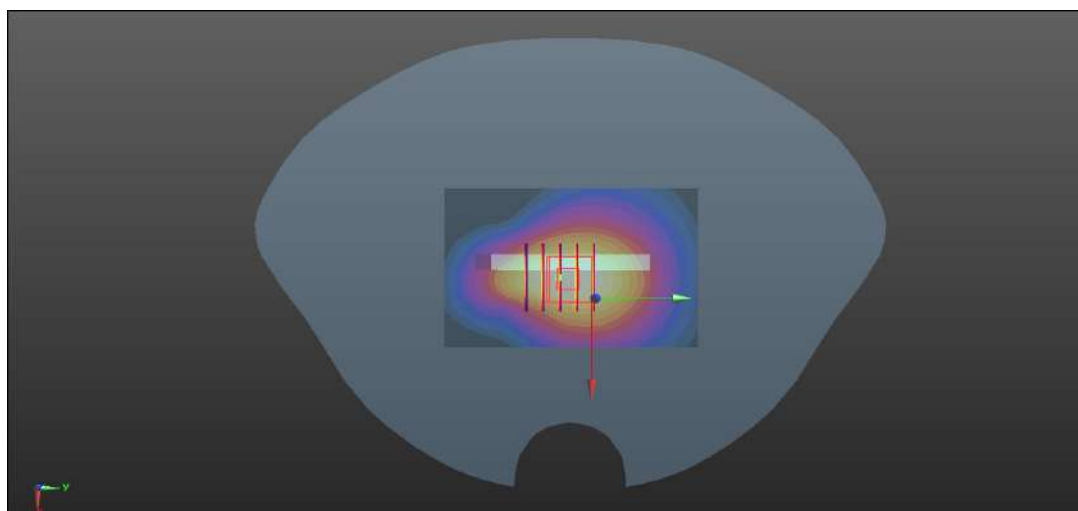
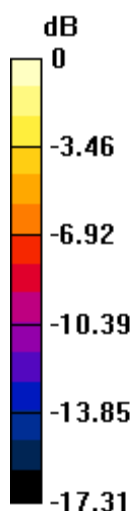
Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.365 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673 W/kg

Meas.10 Body Plane with Top Edge 0mm on Middle Channel in WCDMA Band2 mode with Antenna 13

Date: 2025.01.01

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.17 W/kg

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

Reference Value = 10.27 V/m; Power Drift = 0.08 dB

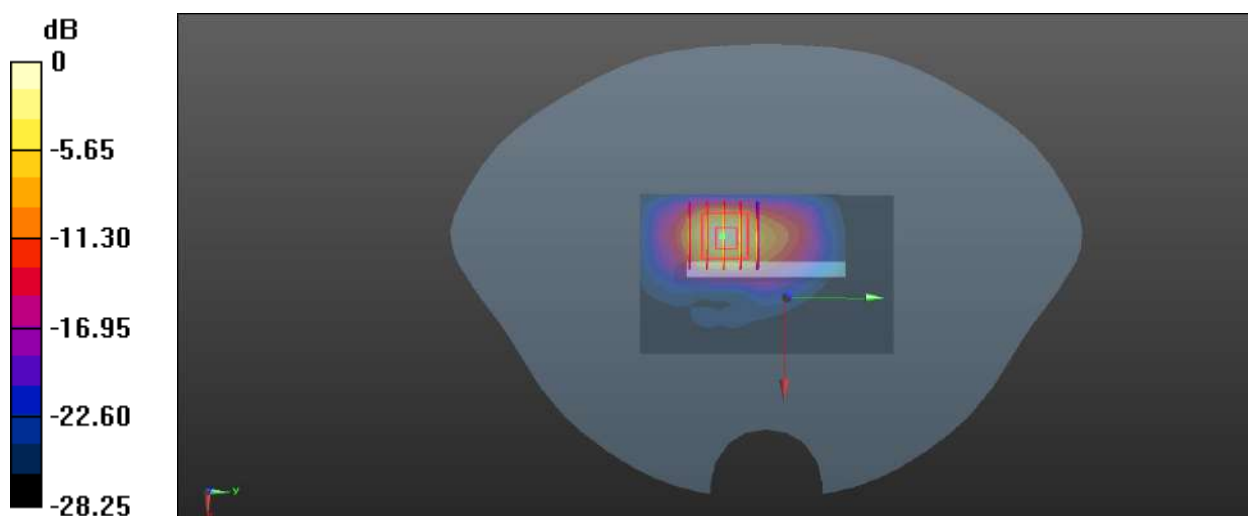
Peak SAR (extrapolated) = 7.87 W/kg

SAR(1 g) = 3.67 W/kg; SAR(10 g) = 1.47 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.3%

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



0 dB = 4.55 W/kg

Meas.11 Right Head with Tilt on Middle Channel in WCDMA B4 mode with Antenna 31

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1412/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0445 W/kg

Ch1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.940 V/m; Power Drift = 0.02 dB

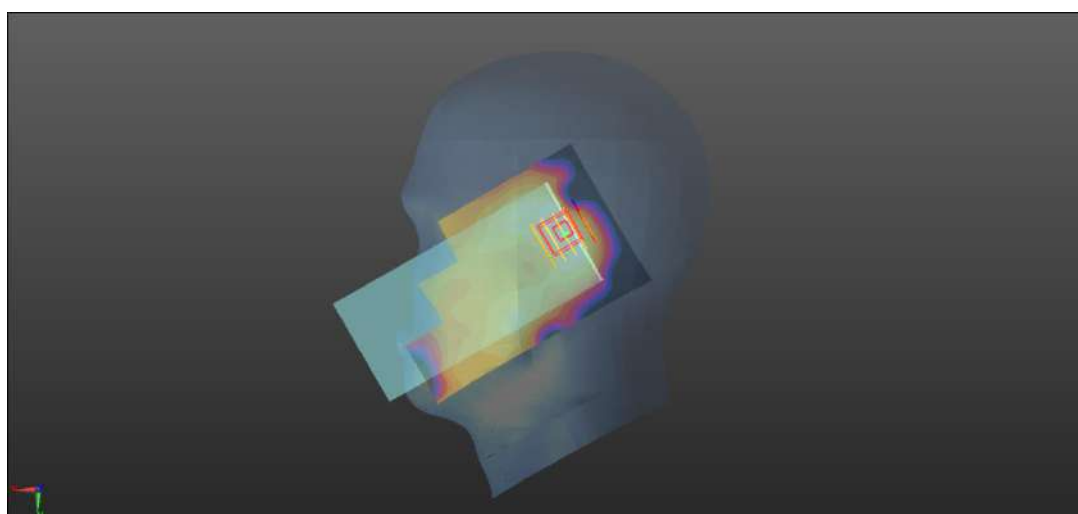
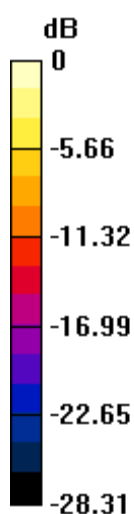
Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.022 W/kg

Smallest distance from peaks to all points 3 dB below = 12.3 mm

Ratio of SAR at M2 to SAR at M1 = 66.6%

Maximum value of SAR (measured) = 0.0400 W/kg



0 dB = 0.0400 W/kg

Meas.12 Body Plane with Back Side 15mm on Middle Channel in WCDMA Band4 mode with Antenna 31

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1412/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.118 W/kg

Ch1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.686 V/m; Power Drift = 0.11 dB

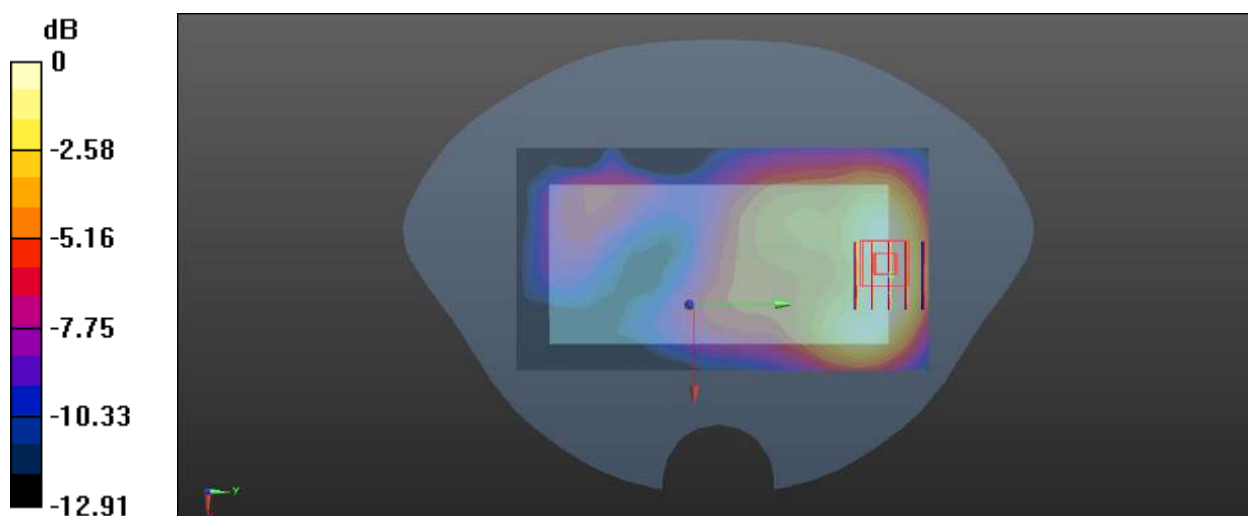
Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.066 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 67.7%

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg

Meas.13 Body Plane with Bottom Edge 10mm on Middle Channel in WCDMA Band4 mode with Antenna 31

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1412/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

Ch1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.23 V/m; Power Drift = -0.14 dB

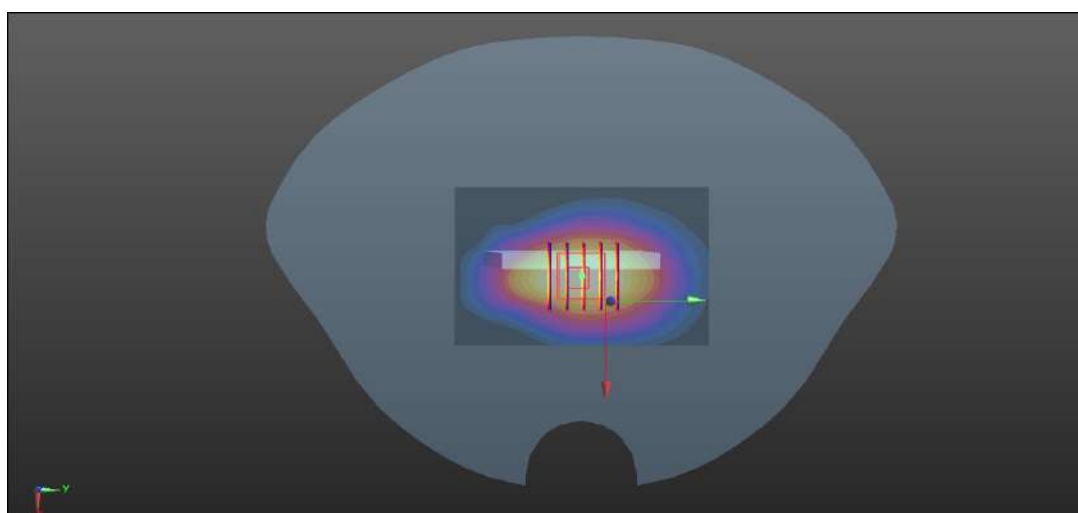
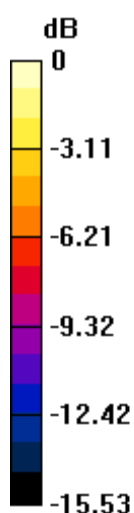
Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.292 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 67.2%

Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.554 W/kg

Meas.14 Body Plane with Bottom Edge 0mm on Middle Channel in WCDMA Band4 mode with Antenna 31

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1412/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.21 W/kg

Ch1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.23 V/m; Power Drift = 0.17 dB

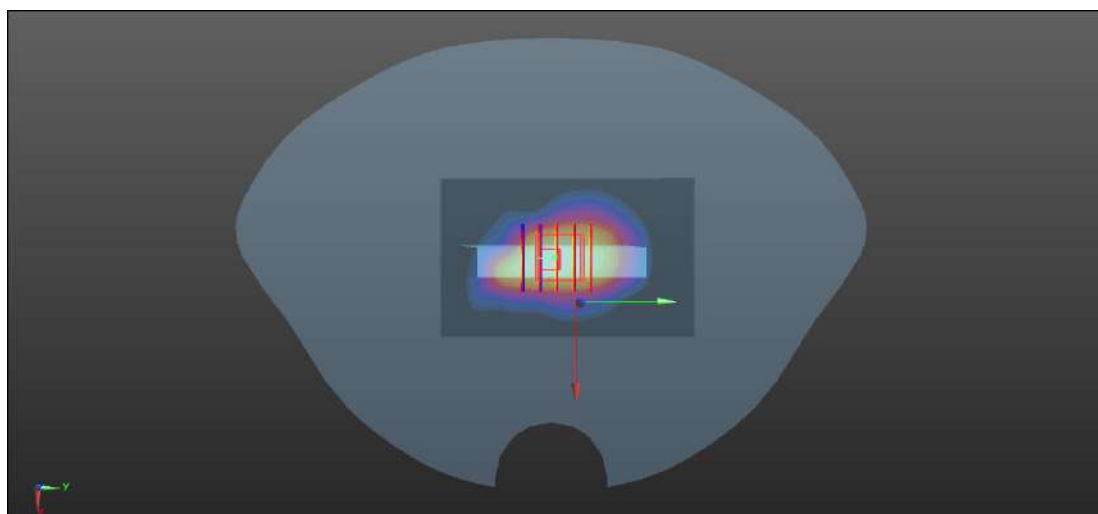
Peak SAR (extrapolated) = 9.34 W/kg

SAR(1 g) = 4.4 W/kg; SAR(10 g) = 2.14 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.9%

Maximum value of SAR (measured) = 5.05 W/kg



0 dB = 5.05 W/kg

Meas.15 Right Head with Cheek on Middle Channel in WCDMA Band5 mode with Ant13

Date: 2024.12.31

Communication System Band: Band 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.864$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- 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) = 0.480 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.58 V/m; Power Drift = -0.12 dB

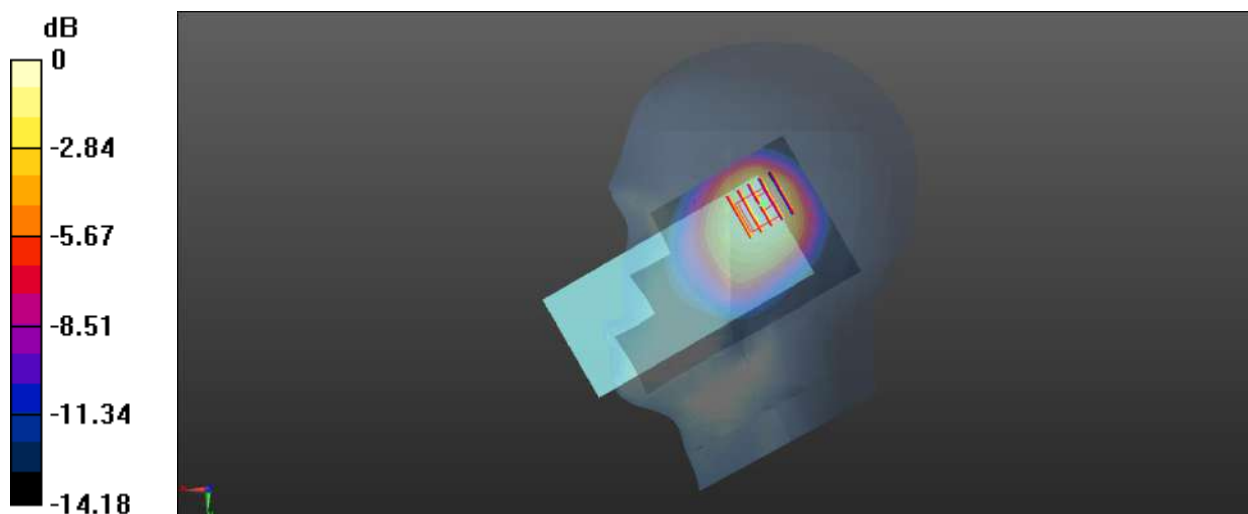
Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.268 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 70.4%

Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg

Meas.16 Body Plane with Back Side 15mm on Middle Channel in WCDMA Band5 mode with Antenna 13

Date: 2024.12.31

Communication System Band: Band 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.192 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.53 V/m; Power Drift = -0.01 dB

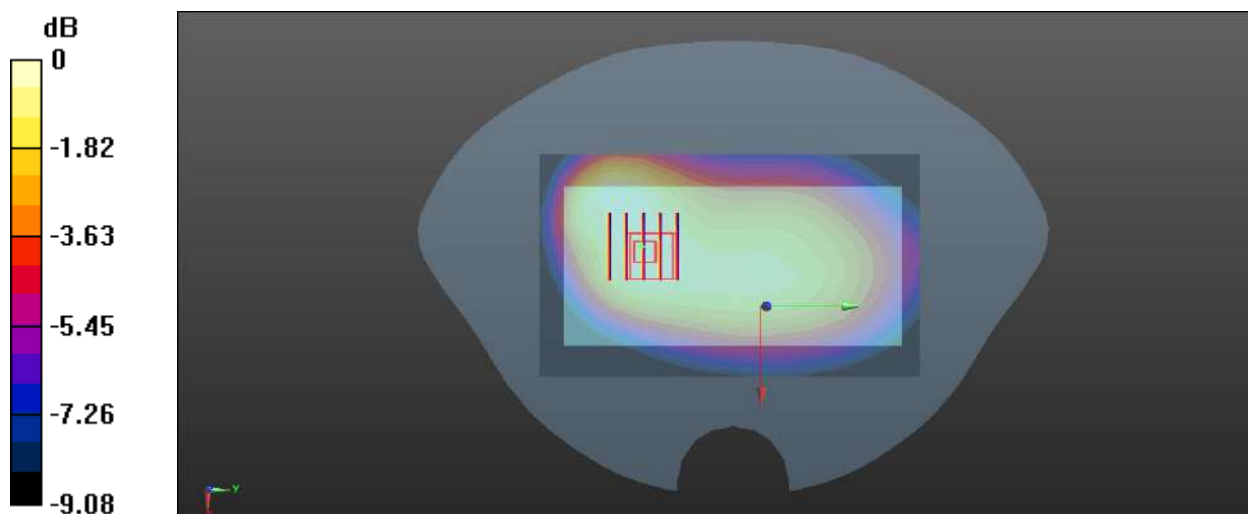
Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.136 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 75.5%

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg

Meas.17 Body Plane with Top Edge 10mm on Middle Channel in WCDMA Band5 mode with Antenna 13

Date: 2024.12.31

Communication System Band: Band 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2024.01.03
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.229 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.95 V/m; Power Drift = -0.15 dB

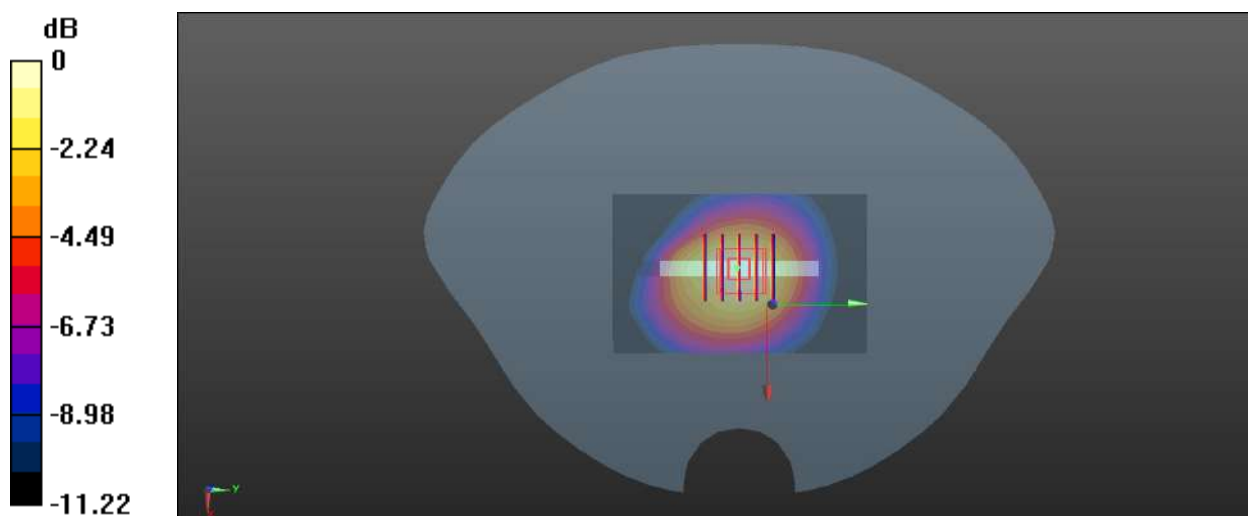
Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.136 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 70.6%

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg

Meas.18 Left Head with Cheek on High Channel in LTE Band2 mode with Antenna 31

Date: 2025.01.05

Communication System Band: Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 39.828$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- 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) = 0.117 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.306 V/m; Power Drift = 0.04 dB

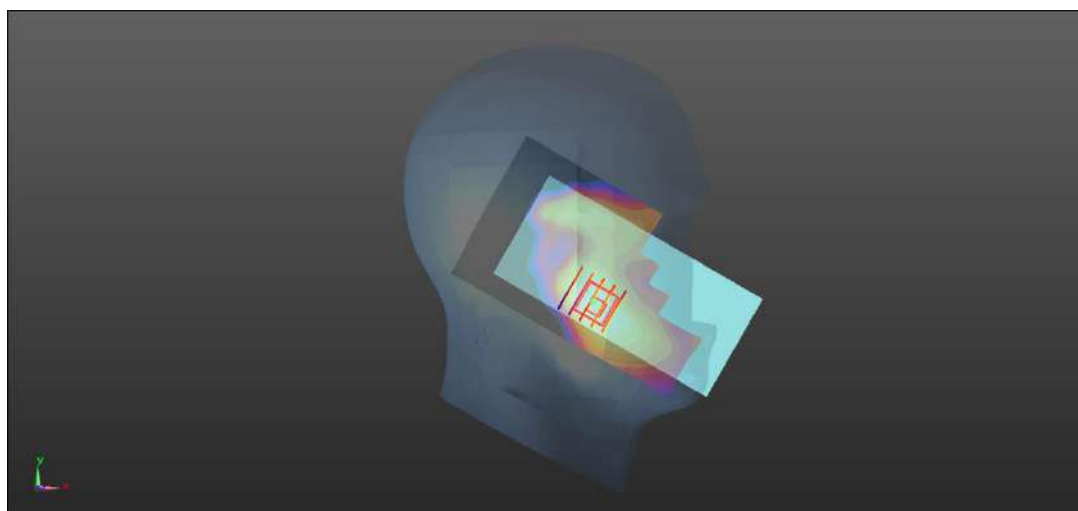
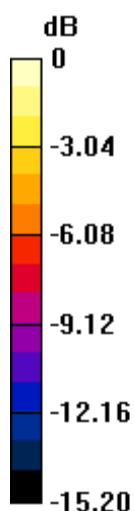
Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.062 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 75%

Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.102 W/kg

Meas.19 Body Plane with Back Side 15mm on High Channel in LTE Band2 mode with Antenna 13

Date: 2025.01.05

Communication System Band: Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 39.828$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.862 V/m; Power Drift = 0.01 dB

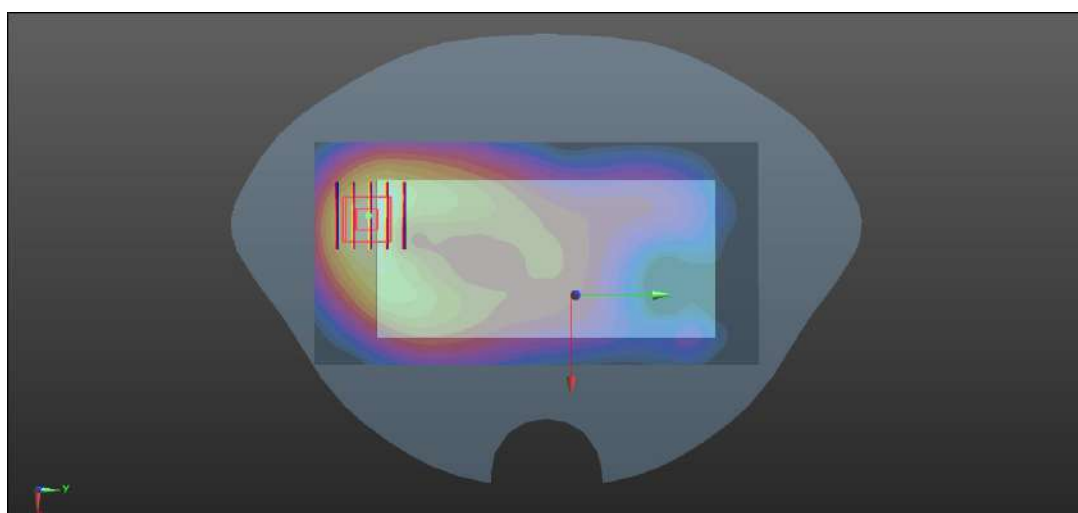
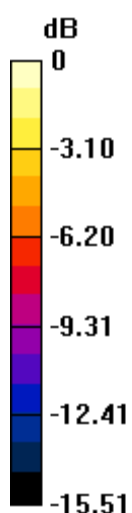
Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.9%

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg

Meas.20 Body Plane with Bottom Edge 10mm on High Channel in LTE Band2 mode with Antenna 31

Date: 2025.01.05

Communication System Band: Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 39.828$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.636 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.98 V/m; Power Drift = 0.06 dB

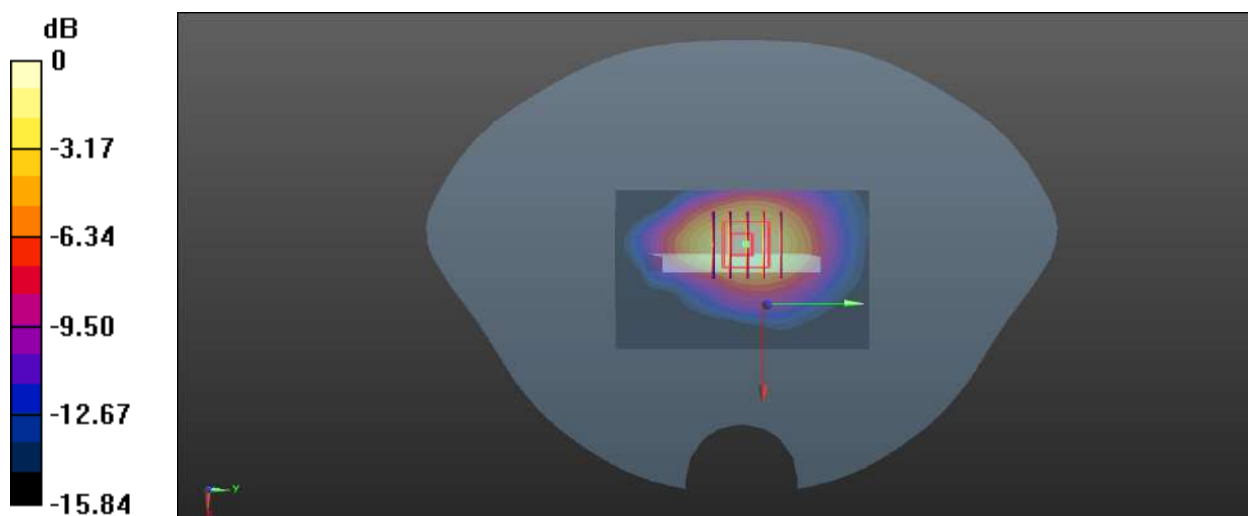
Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.369 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.7%

Maximum value of SAR (measured) = 0.687 W/kg



0 dB = 0.687 W/kg

Meas.21 Body Plane with Top Edge 0mm on High Channel in LTE Band2 mode with Antenna 13

Date: 2025.01.05

Communication System Band: Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 39.828$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.04 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.97 V/m; Power Drift = -0.07 dB

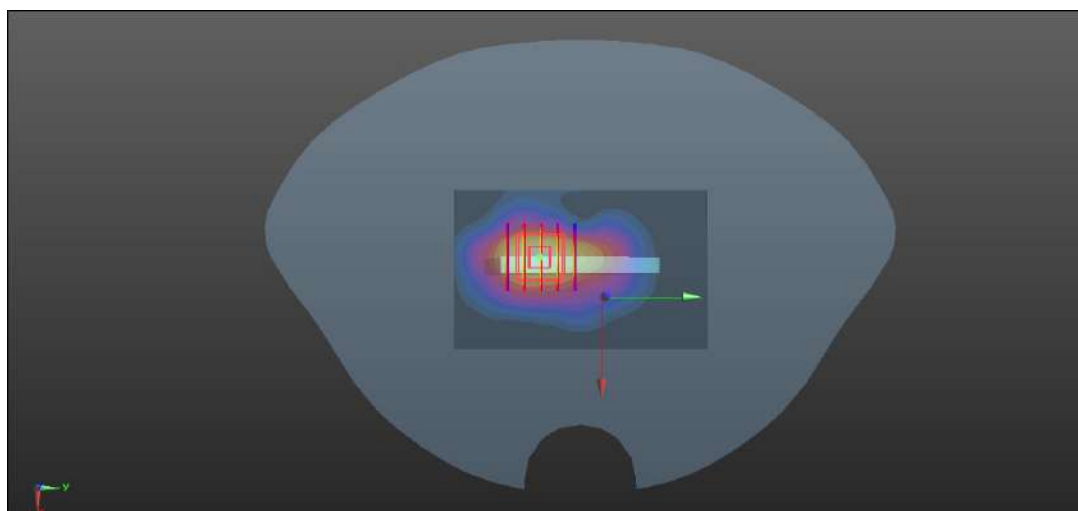
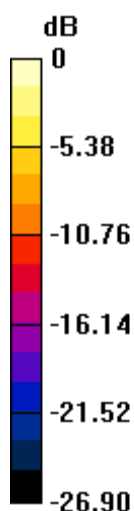
Peak SAR (extrapolated) = 6.94 W/kg

SAR(1 g) = 3.2 W/kg; SAR(10 g) = 1.28 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 4.04 W/kg



0 dB = 4.04 W/kg

Meas.22 Left Head with Cheek on Middle Channel in LTE Band4 mode with Antenna 31

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0413 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

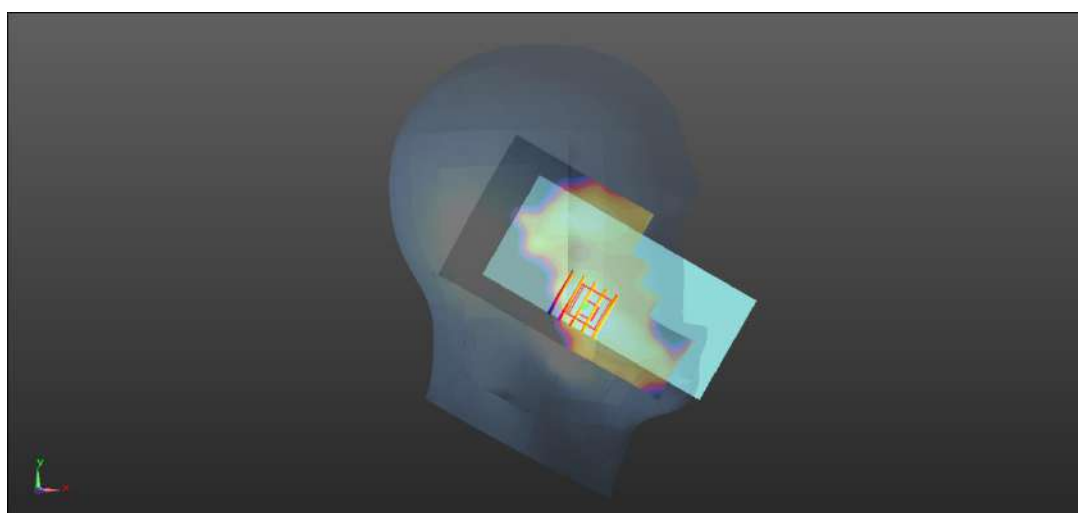
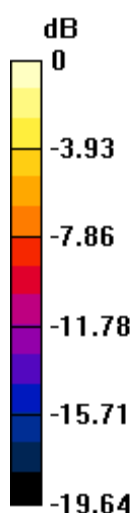
Peak SAR (extrapolated) = 0.0420 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.019 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 74.8%

Maximum value of SAR (measured) = 0.0314 W/kg



0 dB = 0.0314 W/kg

Meas.23 Body Plane with Back Side 15mm on Middle Channel in LTE Band4 mode with Antenna 13

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.189 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.947 V/m; Power Drift = 0.02 dB

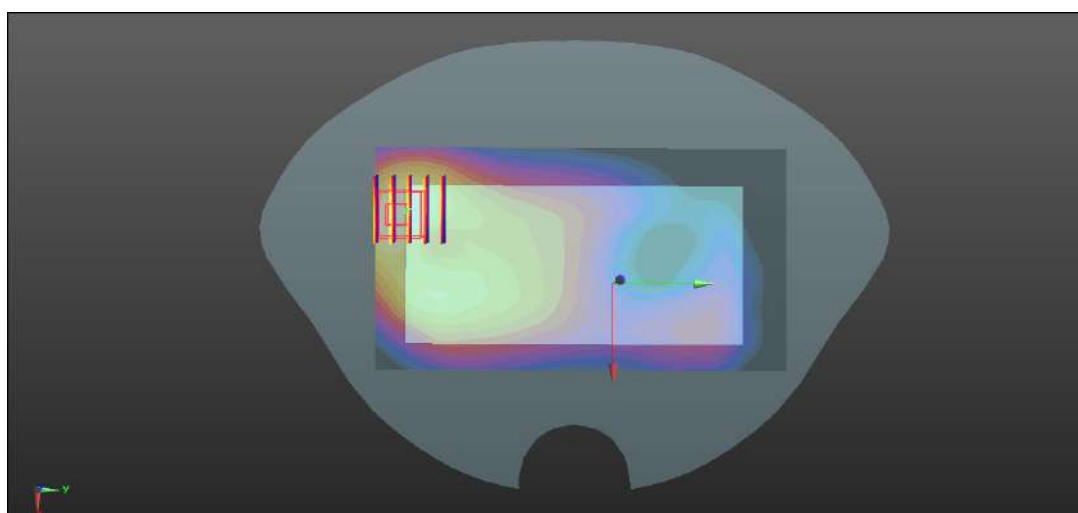
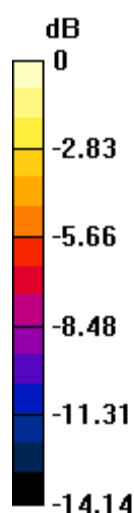
Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.081 W/kg

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 67.8%

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg

Meas.24 Body Plane with Bottom Edge 10mm on Middle Channel in LTE Band4 mode with Antenna 31

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.579 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.14 V/m; Power Drift = 0.05 dB

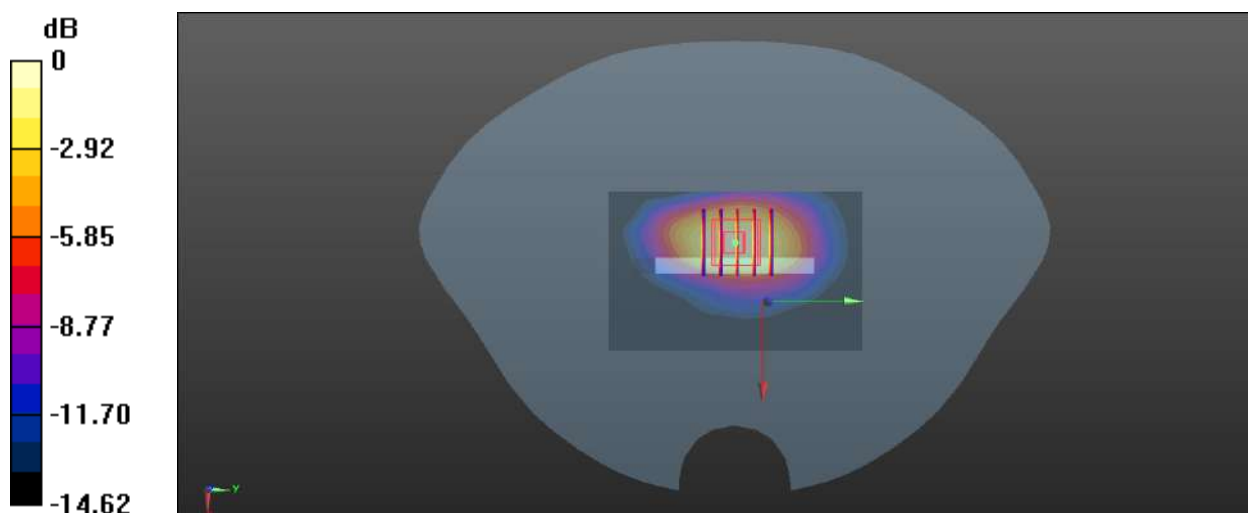
Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.294 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg

Meas.25 Body Plane with Top Edge 0mm on Middle Channel in LTE Band4 mode with Antenna 13

Date: 2025.01.03

Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.67 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.15 V/m; Power Drift = -0.05 dB

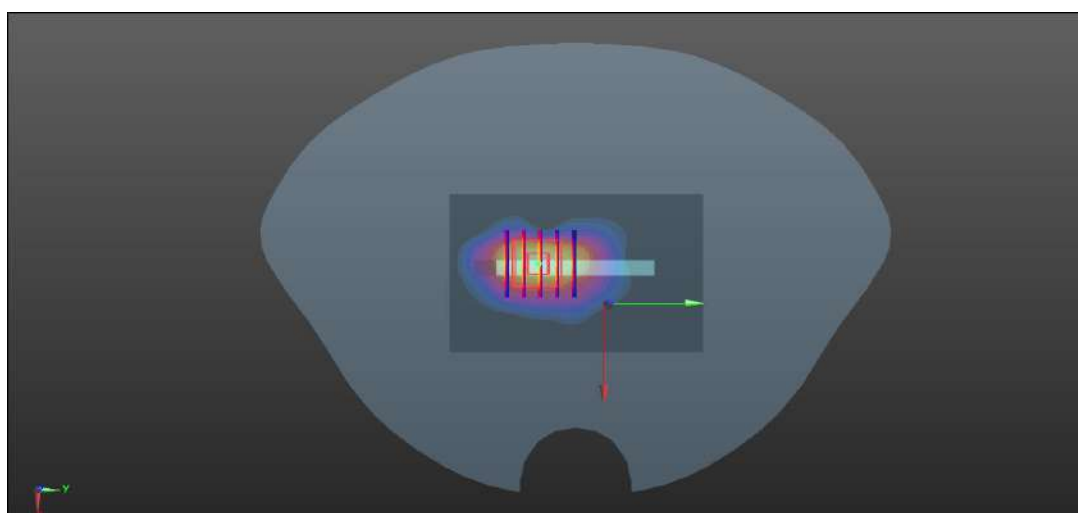
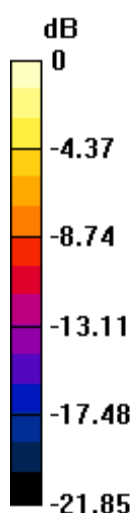
Peak SAR (extrapolated) = 9.95 W/kg

SAR(1 g) = 4.73 W/kg; SAR(10 g) = 1.97 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 6.05 W/kg



0 dB = 6.05 W/kg

Meas.26 Left Head with Cheek on Middle Channel in LTE Band5 mode with Antenna 31

Date: 2025.01.07

Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.765$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.132 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.037 V/m; Power Drift = -0.02 dB

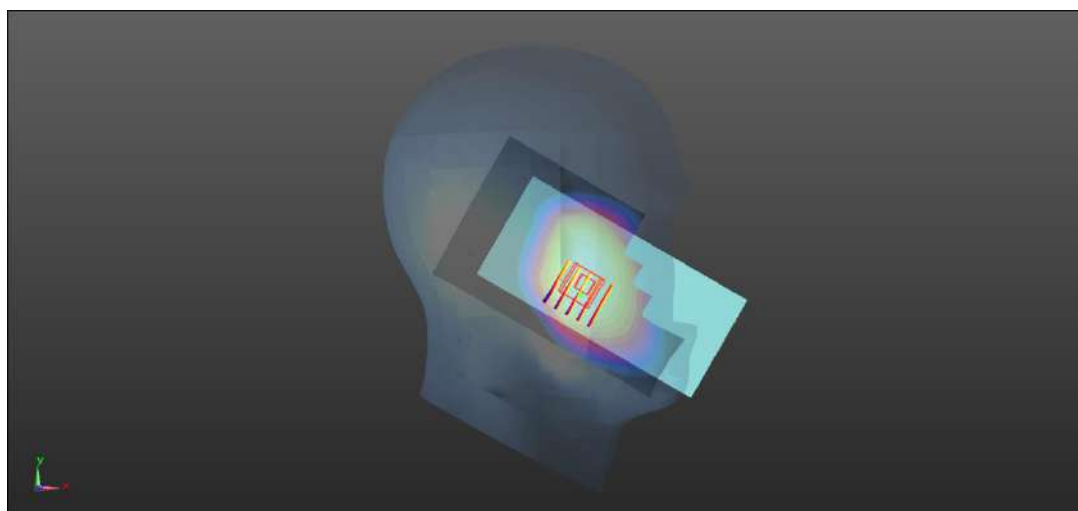
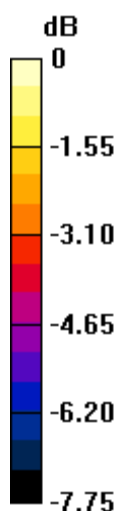
Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.106 W/kg

Smallest distance from peaks to all points 3 dB below = 26 mm

Ratio of SAR at M2 to SAR at M1 = 90.8%

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg

Meas.27 Body Plane with Back Side 15mm on Middle Channel in LTE Band5 mode with Antenna 13

Date: 2025.01.07

Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.765$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.73 V/m; Power Drift = -0.18 dB

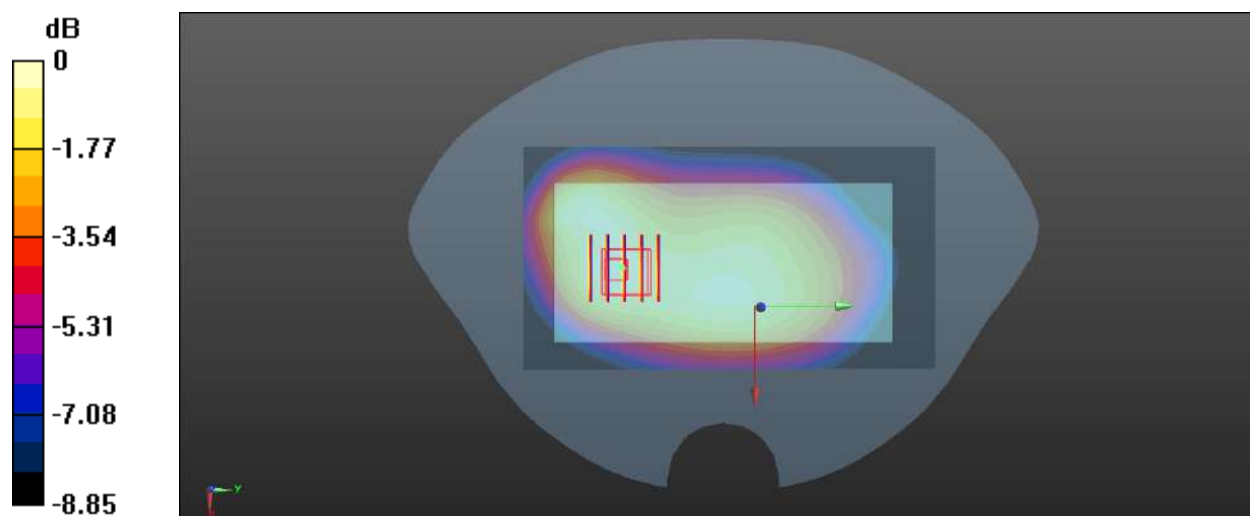
Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 17.6 mm

Ratio of SAR at M2 to SAR at M1 = 79.9%

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg

Meas.28 Body Plane with Top Edge 10mm on Middle Channel in LTE Band5 mode with Antenna 13

Date: 2025.01.07

Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.765$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.180 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.24 V/m; Power Drift = -0.05 dB

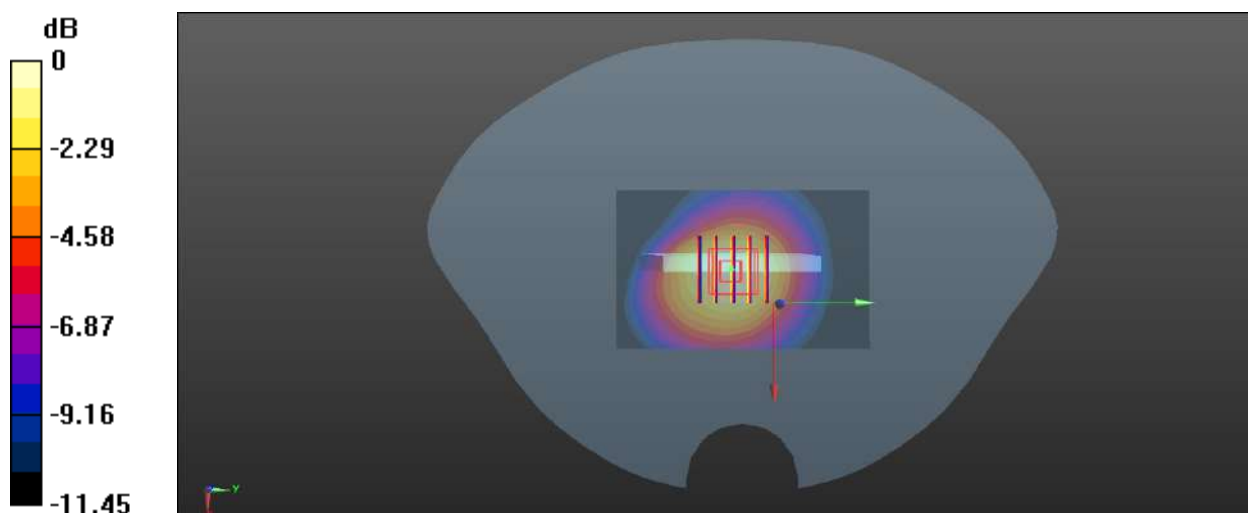
Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.109 W/kg

Smallest distance from peaks to all points 3 dB below = 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 71.2%

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180 W/kg

Meas.29 Right Head with Cheek on Middle Channel in LTE Band7 mode with Antenna 31

Date: 2025.01.09

Communication System Band: Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.330 W/kg

Ch21100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.891 V/m; Power Drift = -0.06 dB

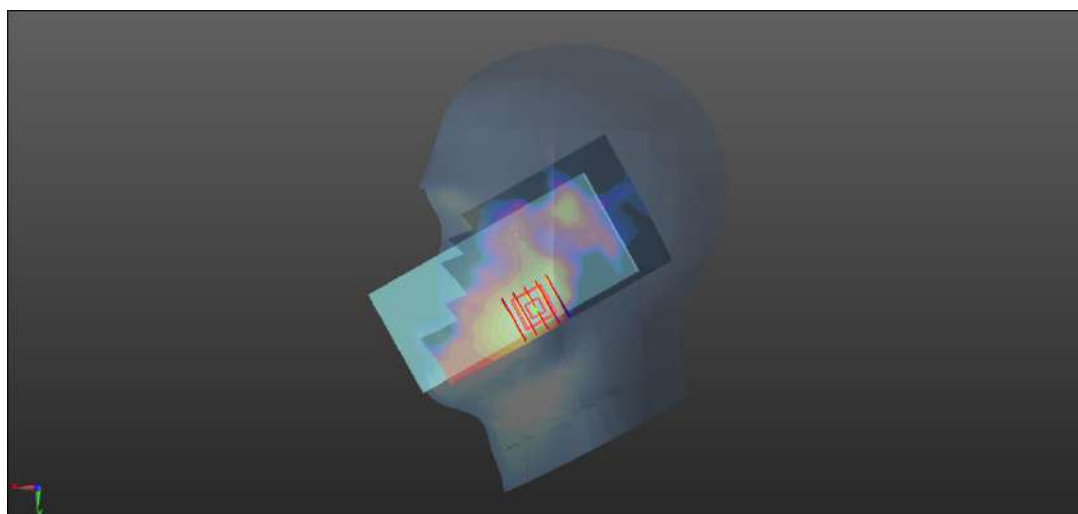
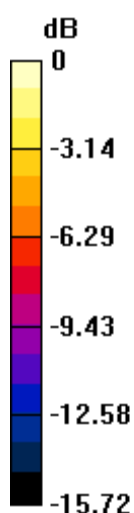
Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.186 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.6%

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg

Meas.30 Body Plane with Back Side 15mm on Middle Channel in LTE Band7 mode with Antenna 31

Date: 2025.01.09

Communication System Band: Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.167 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.084 V/m; Power Drift = 0.12 dB

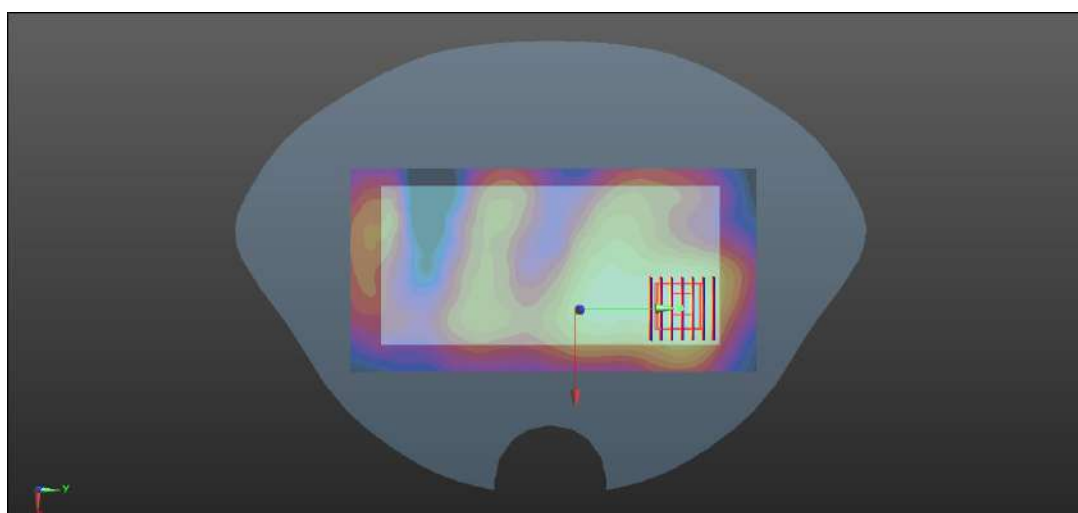
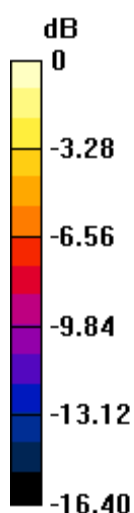
Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.089 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg

Meas.31 Body Plane with Back Side 10mm on Middle Channel in LTE Band7 mode with Antenna 31

Date: 2025.01.09

Communication System Band: Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Phantom section: Flatt Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.423 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.378 V/m; Power Drift = 0.12 dB

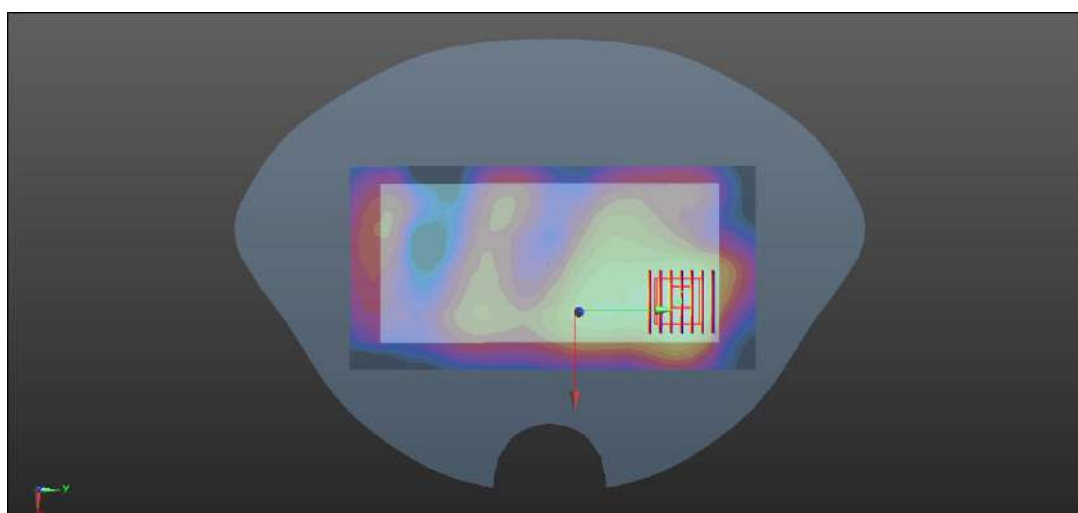
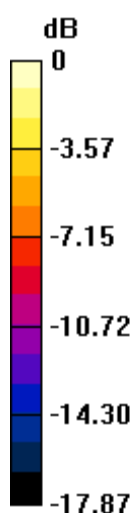
Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.208 W/kg

Smallest distance from peaks to all points 3 dB below = 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 0.407 W/kg



Meas.32 Body Plane with Top Edge 0mm on Middle Channel in LTE Band7 mode with Antenna 13

Date: 2025.01.09

Communication System Band: Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Phantom section: Flatt Section

Ambient Temperature: 22.8°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.48 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.66 V/m; Power Drift = -0.10 dB

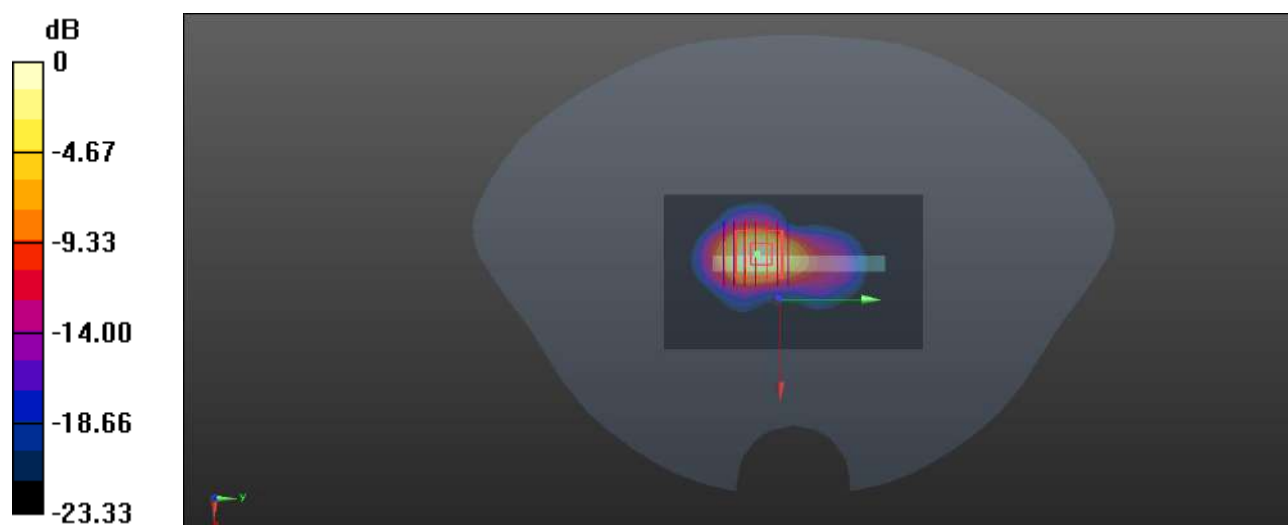
Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 4.36 W/kg; SAR(10 g) = 1.78 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 5.21 W/kg



0 dB = 5.21 W/kg

Meas.33 Right Head with Cheek on Middle Channel in LTE Band13 mode with Antenna 13

Date: 2025.01.05

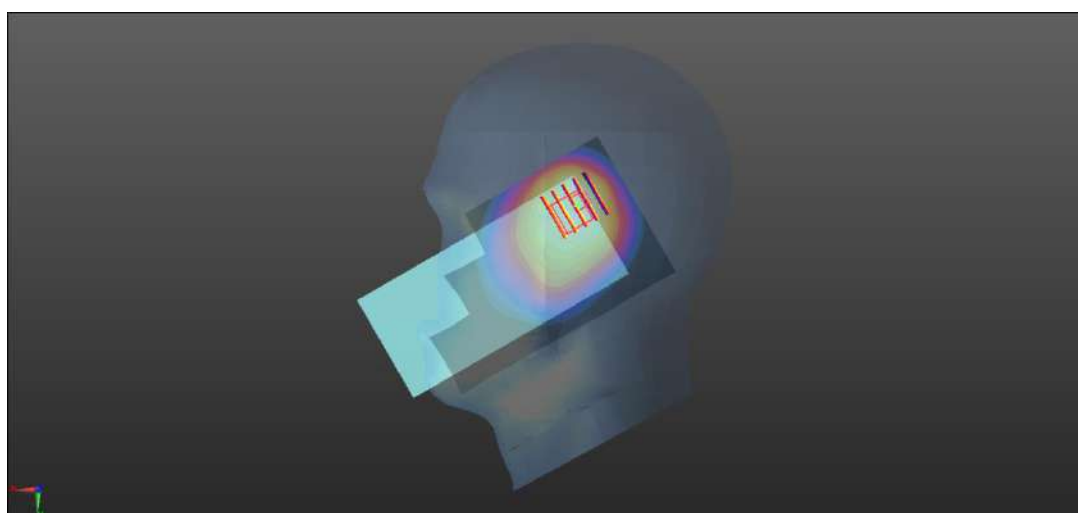
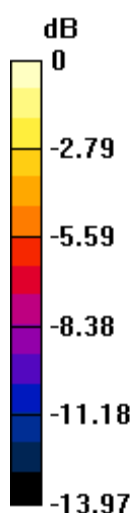
Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 41.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Ambient Temperature: 22.2°C Liquid Temperature: 21.3°C **DASY5 Configuration:**

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.455 W/kg **Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 18.29 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 0.600 W/kg **SAR(1 g) = 0.361 W/kg ; SAR(10 g) = 0.243 W/kg** Smallest distance from peaks to all points 3 dB below = 13.8 mm Ratio of SAR at M2 to SAR at M1 = 70.6% Maximum value of SAR (measured) = 0.376 W/kg 0 dB = 0.376 W/kg

Meas.34 Body Plane with Back Side 15mm on Middle Channel in LTE Band13 mode with Antenna 13

Date: 2025.01.05

Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 41.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0953 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.89 V/m ; Power Drift = -0.15 dB

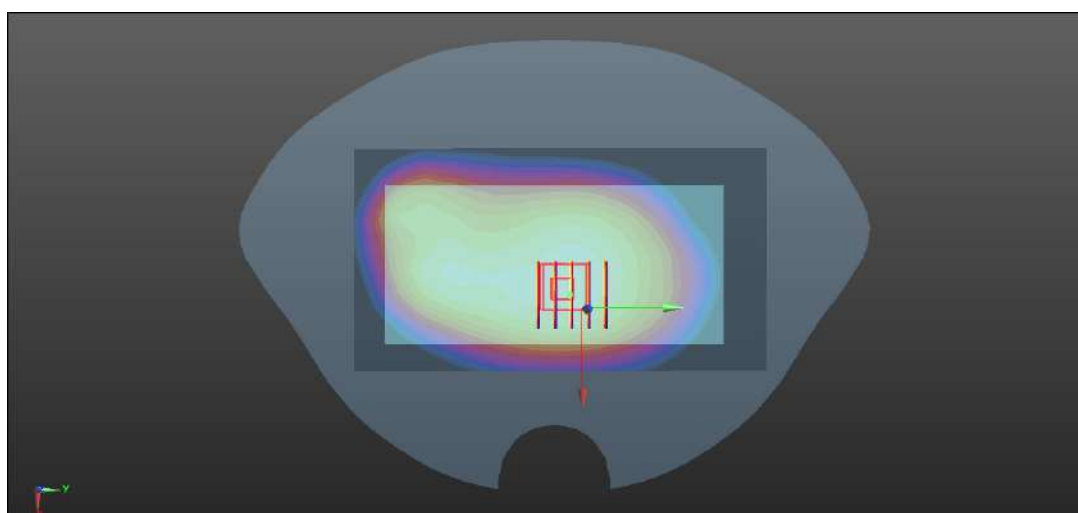
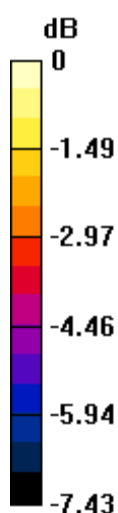
Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.097 W/kg ; SAR(10 g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 81.4%

Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg

Meas.35 Body Plane with Right Edge 10mm on Middle Channel in LTE Band13 mode with Antenna 13

Date: 2025.01.05

Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 41.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (61x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.108 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.61 V/m ; Power Drift = -0.11 dB

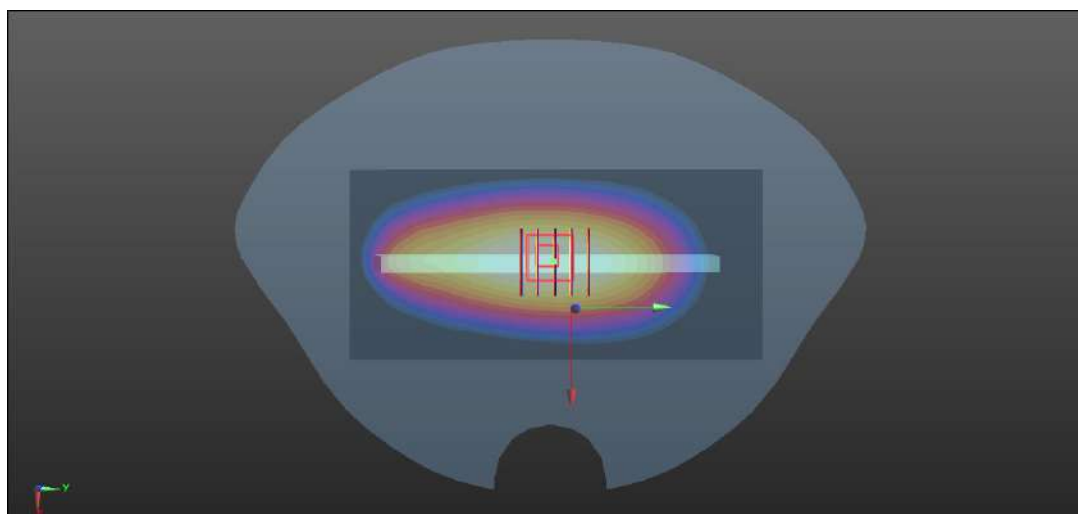
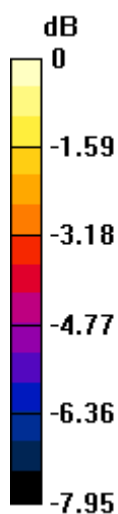
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.095 W/kg ; SAR(10 g) = 0.070 W/kg

Smallest distance from peaks to all points 3 dB below = 14.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.1%

Maximum value of SAR (measured) = 0.0989 W/kg



0 dB = 0.0989 W/kg

Meas.36 Left Head with Cheek on Middle Channel in LTE Band18 mode with Antenna 31

Date: 2025.01.06

Communication System Band: Band 18; Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 822.5$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 42.907$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.154 V/m; Power Drift = -0.12 dB

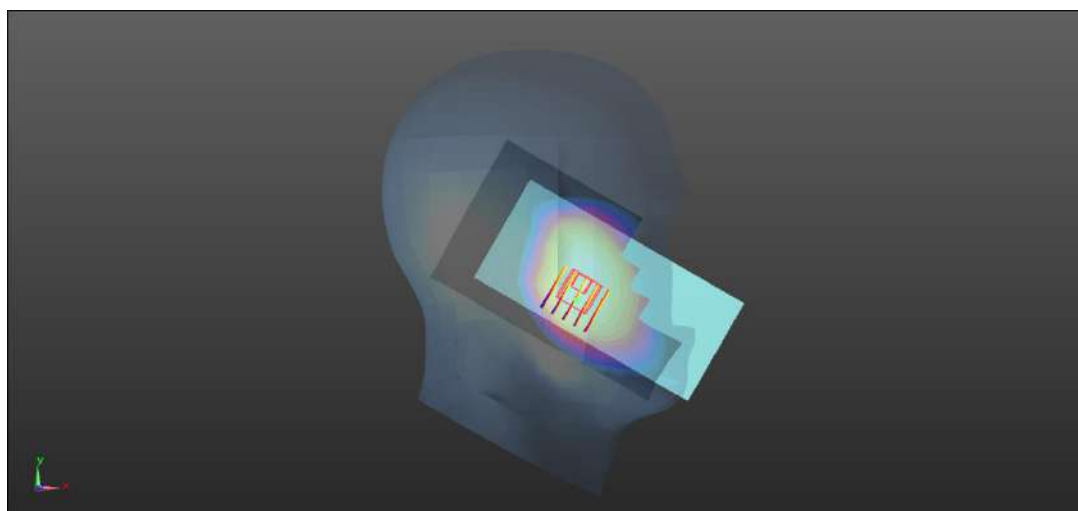
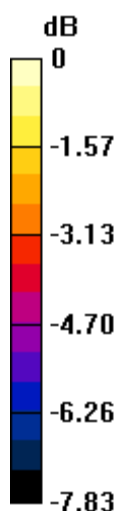
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.085 W/kg

Smallest distance from peaks to all points 3 dB below = 27.1 mm

Ratio of SAR at M2 to SAR at M1 = 90.9%

Maximum value of SAR (measured) = 0.104 W/kg



0 dB = 0.104 W/kg

Meas.37 Body Plane with Back Side 15mm on Middle Channel in LTE Band18 mode with Antenna 31

Date: 2025.01.06

Communication System Band: Band 18; Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 822.5$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 42.907$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.10 V/m; Power Drift = -0.15 dB

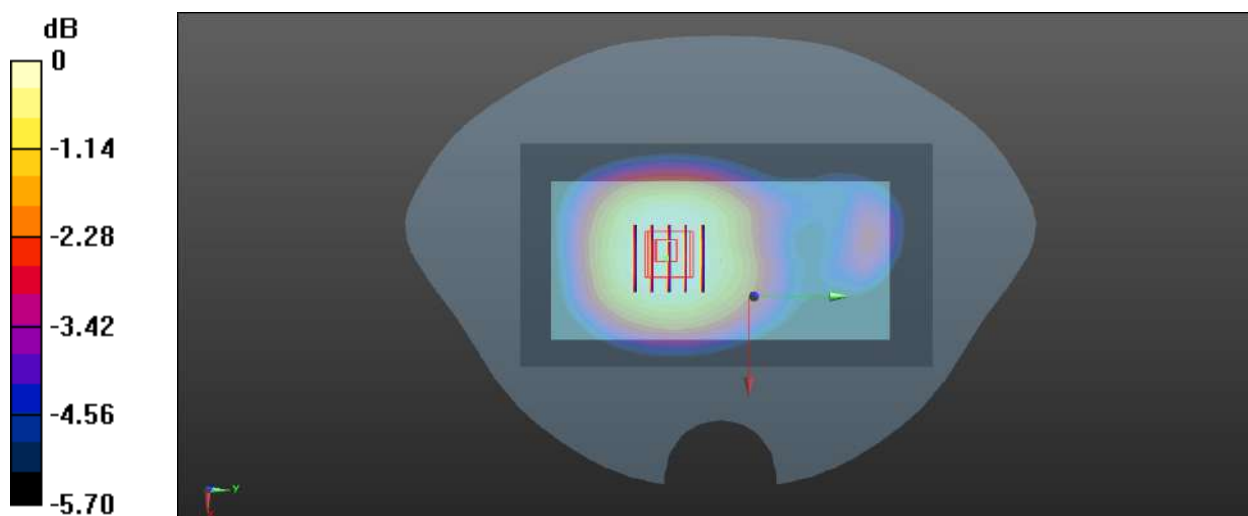
Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.119 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 87%

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg

Meas.38 Body Plane with Back Side 10mm on Middle Channel in LTE Band18 mode with Antenna 13

Date: 2025.01.06

Communication System Band: Band 18; Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 822.5$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 42.907$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.347 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.03 V/m; Power Drift = -0.05 dB

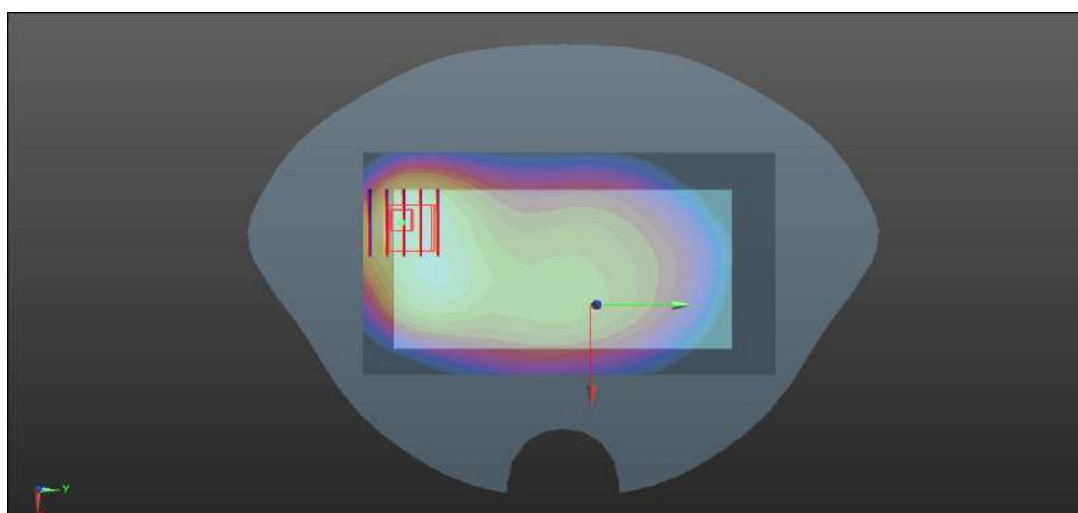
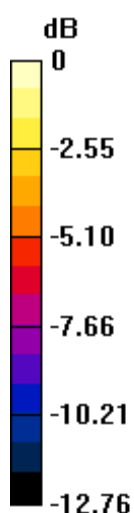
Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.197 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 66.4%

Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg

Meas.39 Right Head with Cheek on Middle Channel in LTE Band19 mode with Antenna 31

Date: 2025.01.06

Communication System Band: Band 19; Frequency: 837.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 837.5$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.919$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0846 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.304 V/m; Power Drift = 0.12 dB

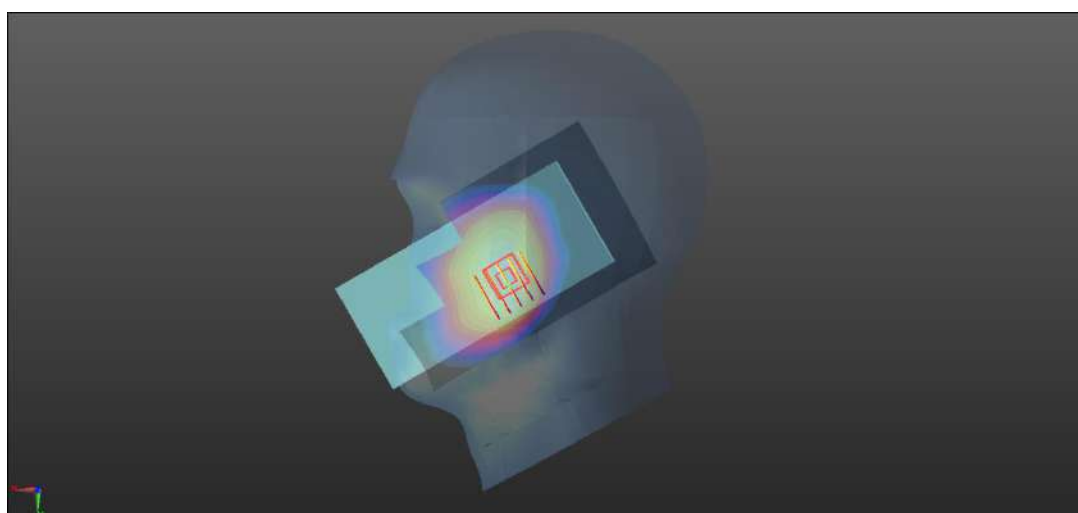
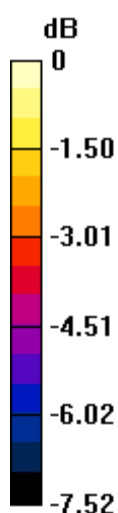
Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 21.9 mm

Ratio of SAR at M2 to SAR at M1 = 88%

Maximum value of SAR (measured) = 0.0857 W/kg



0 dB = 0.0857 W/kg

Meas.40 Body Plane with Back Side 15mm on Middle Channel in LTE Band19 mode with Antenna 13

Date: 2025.01.06

Communication System Band: Band 19; Frequency: 837.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 837.5$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.919$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.210 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.23 V/m; Power Drift = -0.07 dB

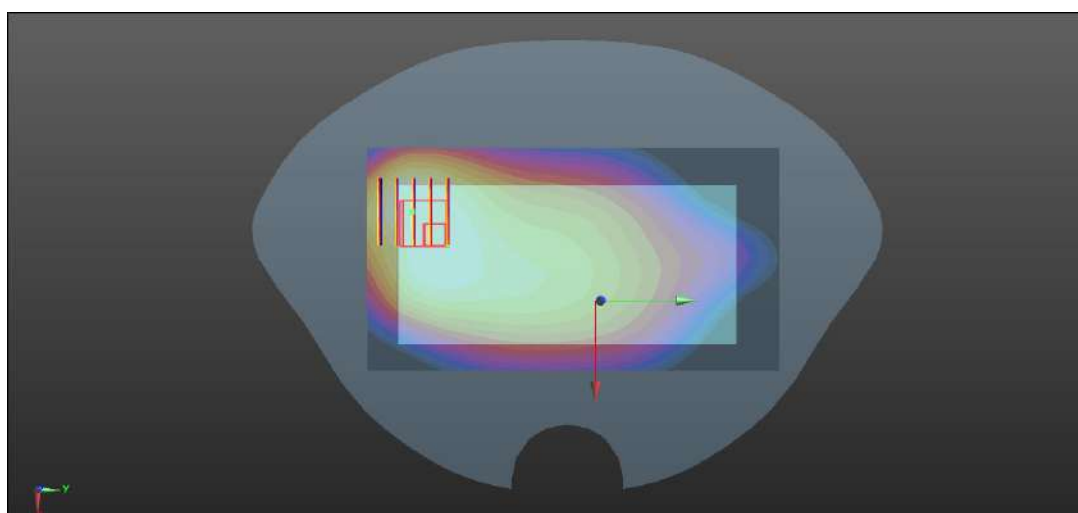
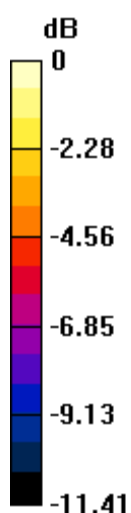
Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.132 W/kg

Smallest distance from peaks to all points 3 dB below = 41.9 mm

Ratio of SAR at M2 to SAR at M1 = 78.1%

Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg

Meas.41 Body Plane with Back Side 10mm on Middle Channel in LTE Band19 mode with Antenna 13

Date: 2025.01.06

Communication System Band: Band 19; Frequency: 837.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 837.5$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.919$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.721 V/m; Power Drift = -0.16 dB

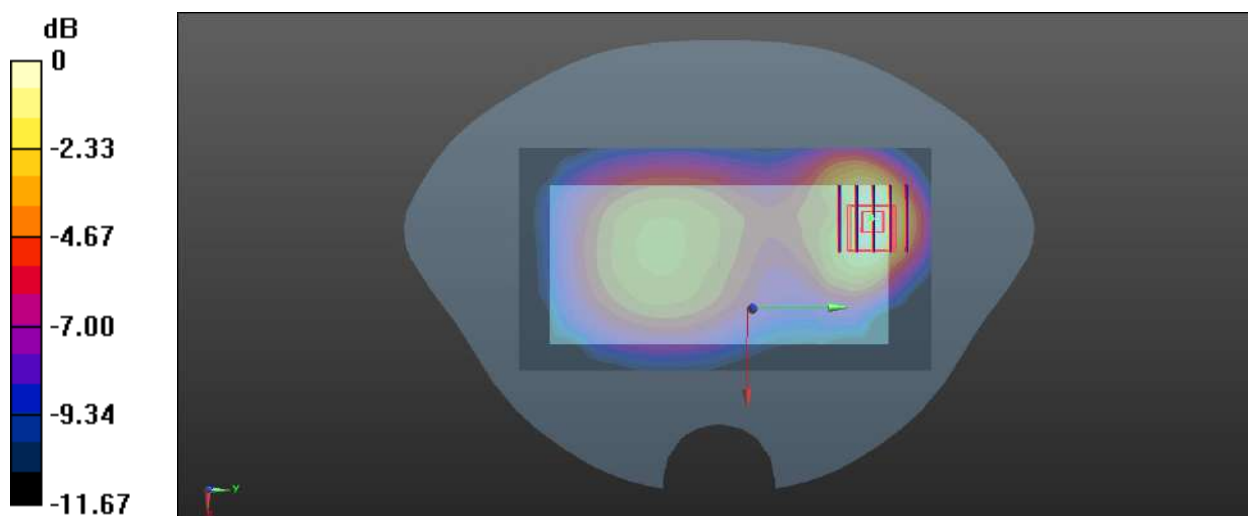
Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.096 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg

Meas.42 Left Head with Cheek on Middle Channel in LTE Band26 mode with Antenna 31

Date: 2025.01.07

Communication System Band: Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- 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) = 0.125 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.9900 V/m; Power Drift = 0.11 dB

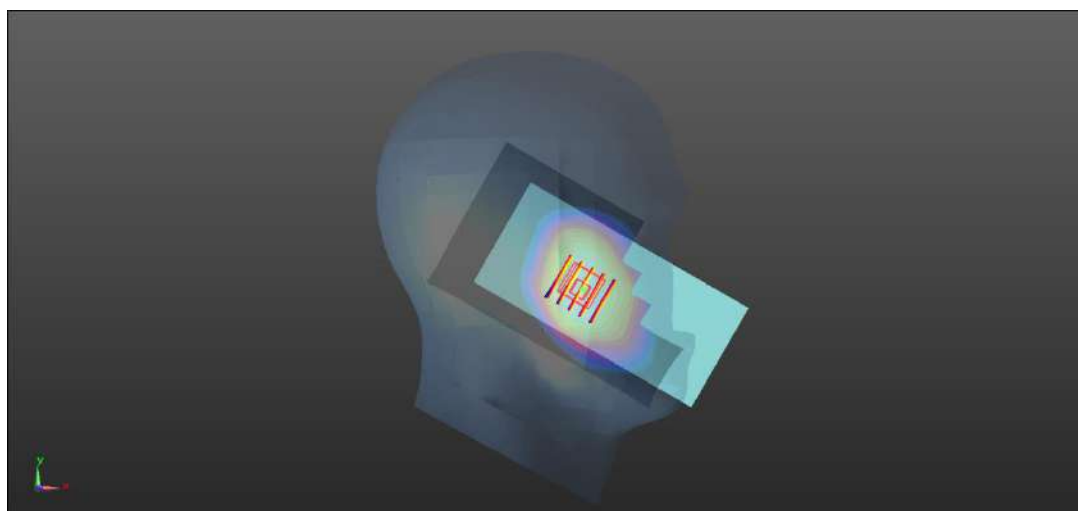
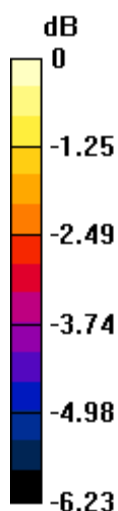
Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.098 W/kg

Smallest distance from peaks to all points 3 dB below = 24.2 mm

Ratio of SAR at M2 to SAR at M1 = 90.9%

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg

Meas.43 Body Plane with Back Side 15mm on Middle Channel in LTE Band26 mode with Antenna 13

Date: 2025.01.07

Communication System Band: Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- 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) = 0.134 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.85 V/m; Power Drift = -0.15 dB

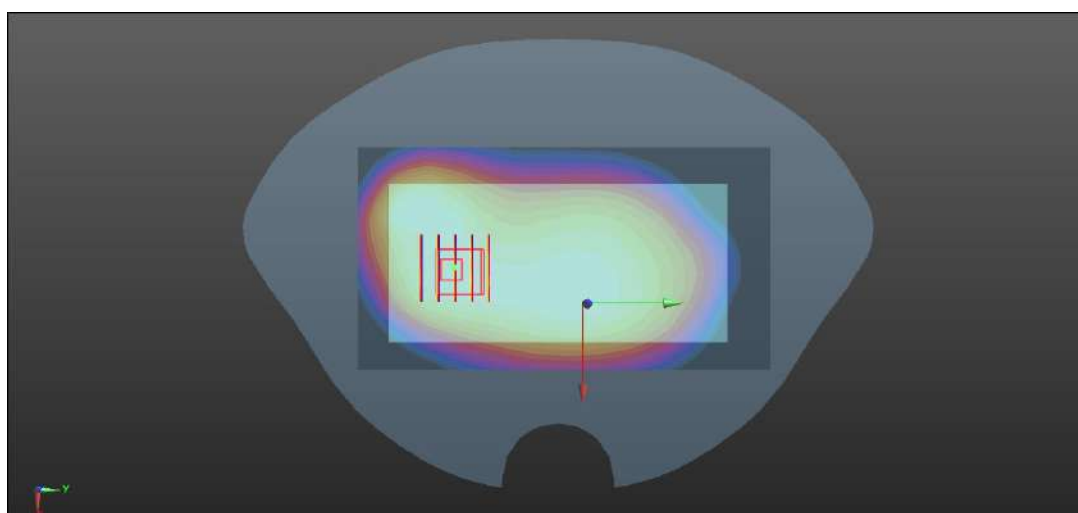
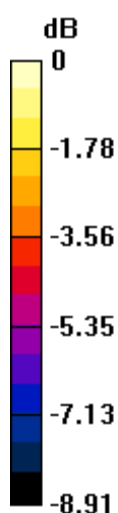
Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.091 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 79.4%

Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg

Meas.44 Body Plane with Top Edge 10mm on Middle Channel in LTE Band26 mode with Antenna 13

Date: 2025.01.07

Communication System Band: Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.13 V/m; Power Drift = -0.16 dB

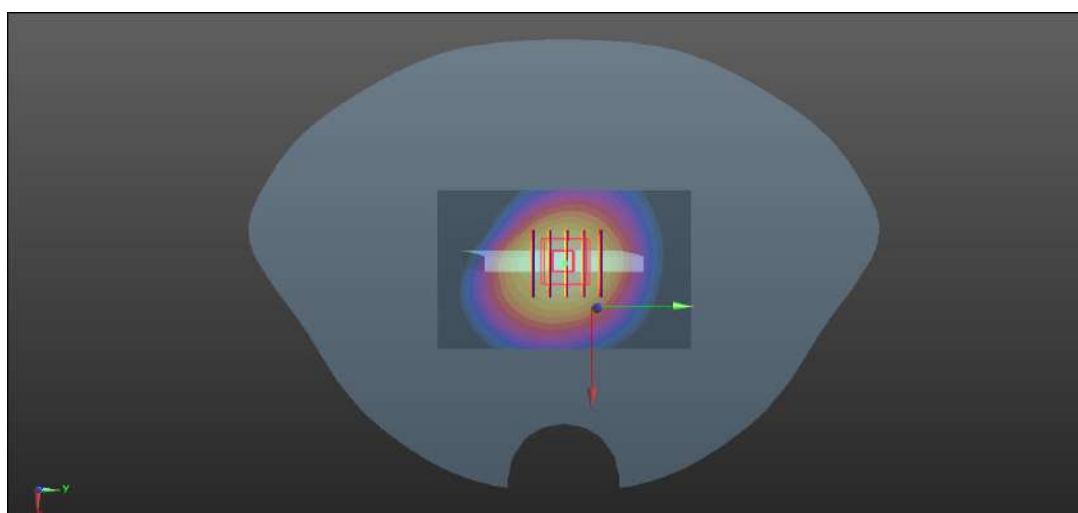
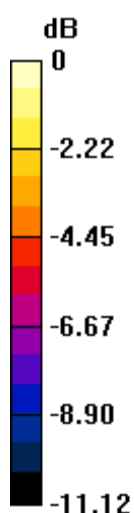
Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.120 W/kg

Smallest distance from peaks to all points 3 dB below = 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 72%

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg

Meas.45 Right Head with Cheek on Middle Channel in LTE Band66 mode with Antenna 31

Date: 2025.01.04

Communication System Band: Band 66: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.228$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0543 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.429 V/m; Power Drift = 0.09 dB

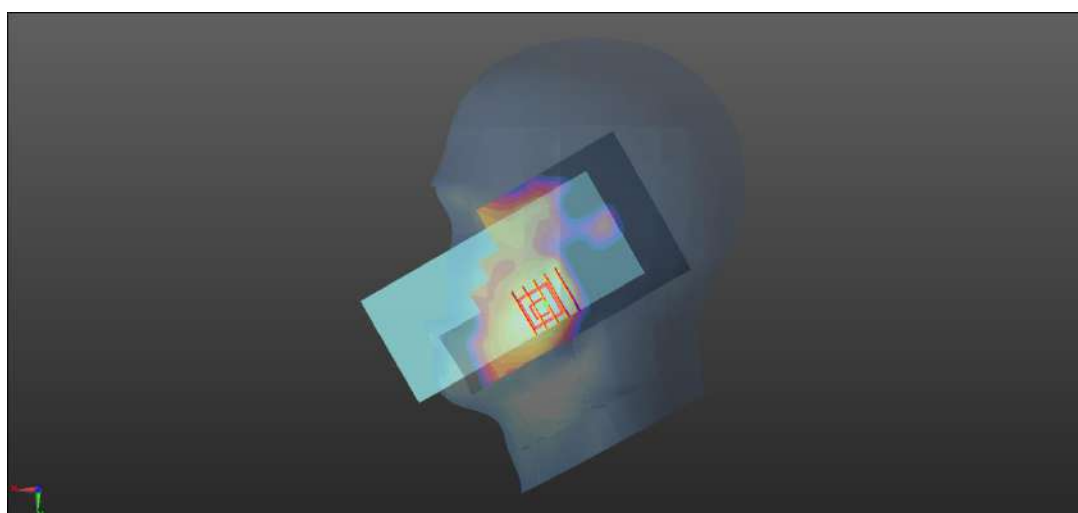
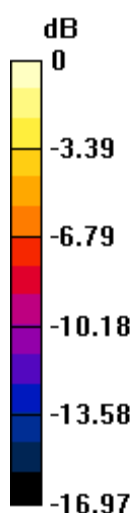
Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below = 20.6 mm

Ratio of SAR at M2 to SAR at M1 = 70.7%

Maximum value of SAR (measured) = 0.0530 W/kg



0 dB = 0.0530 W/kg

Meas.46 Body Plane with Back Side 15mm on Middle Channel in LTE Band66 mode with Antenna 31

Date: 2025.01.04

Communication System Band: Band 66: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.135 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.010 V/m; Power Drift = -0.05 dB

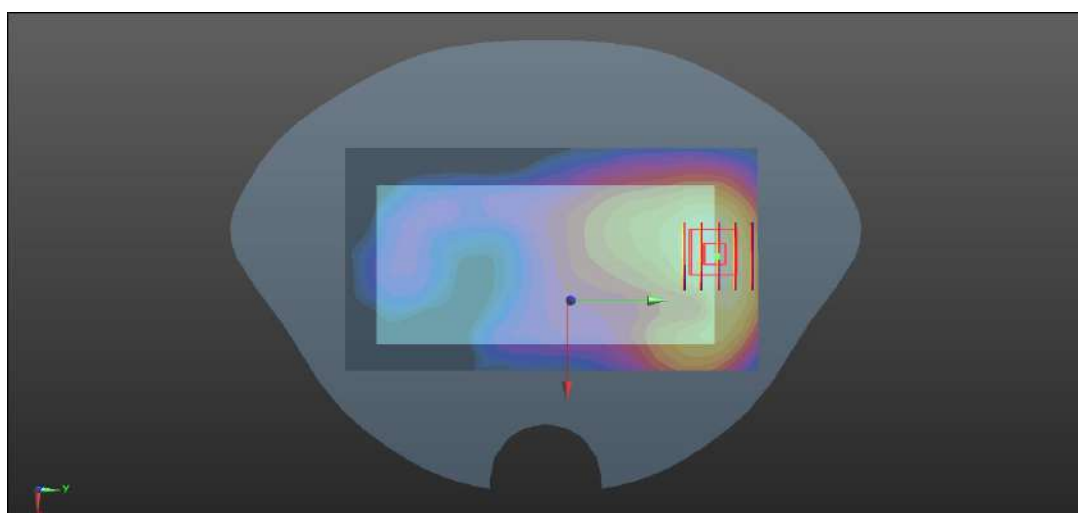
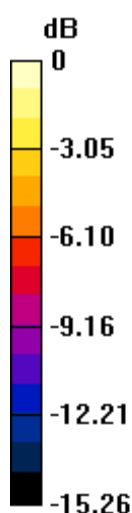
Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.081 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 68%

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg

Meas.47 Body Plane with Bottom Edge 10mm on Middle Channel in LTE Band66 mode with Antenna 31

Date: 2025.01.04

Communication System Band: Band 66: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.578 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.69 V/m; Power Drift = -0.05 dB

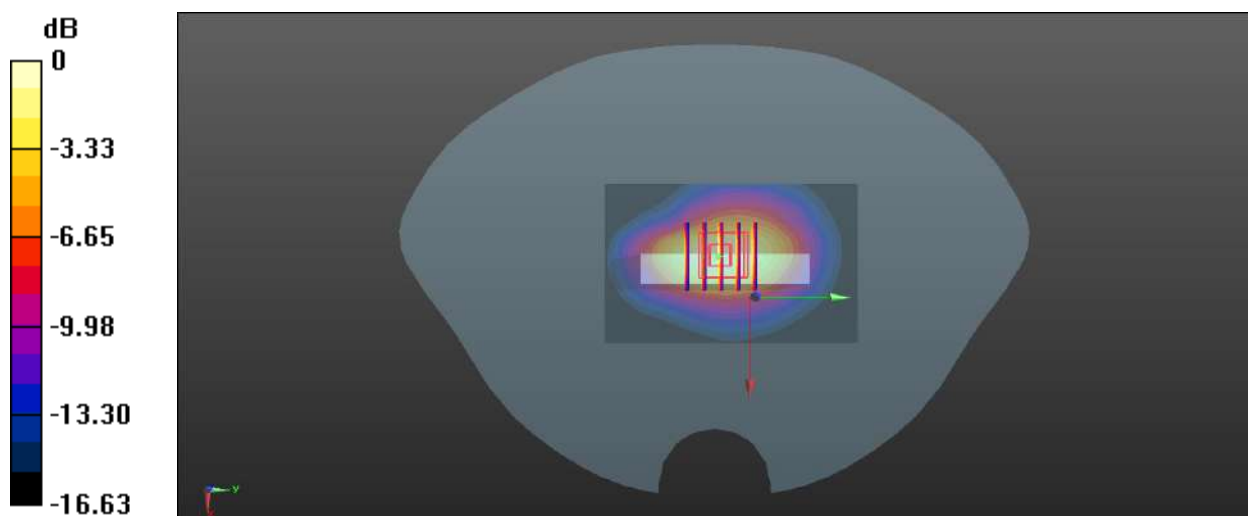
Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.292 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg

Meas.48 Body Plane with Top Edge 0mm on Middle Channel in LTE Band66 mode with Antenna 13

Date: 2025.01.04

Communication System Band: Band 66: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.22 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.21 V/m; Power Drift = 0.15 dB

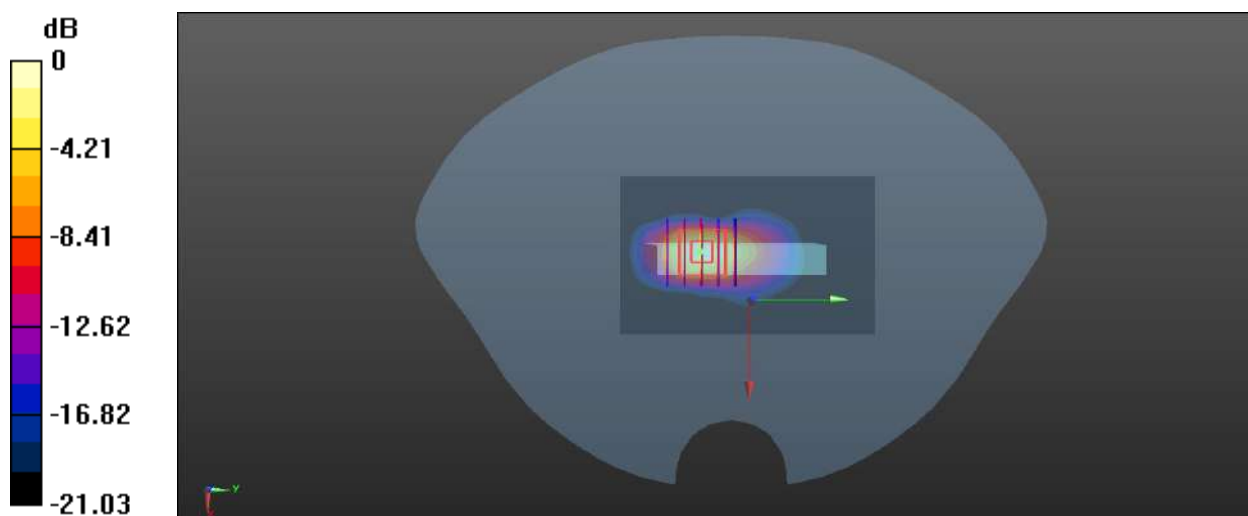
Peak SAR (extrapolated) = 8.62 W/kg

SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.6 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 4.91 W/kg



0 dB = 4.91 W/kg

Meas.49 Left Head with Tilt on Middle Channel in LTE Band38 mode with Antenna 13

Date: 2025.01.08

Communication System Band: Band 38; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 40.243$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.675 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.66 V/m; Power Drift = 0.09 dB

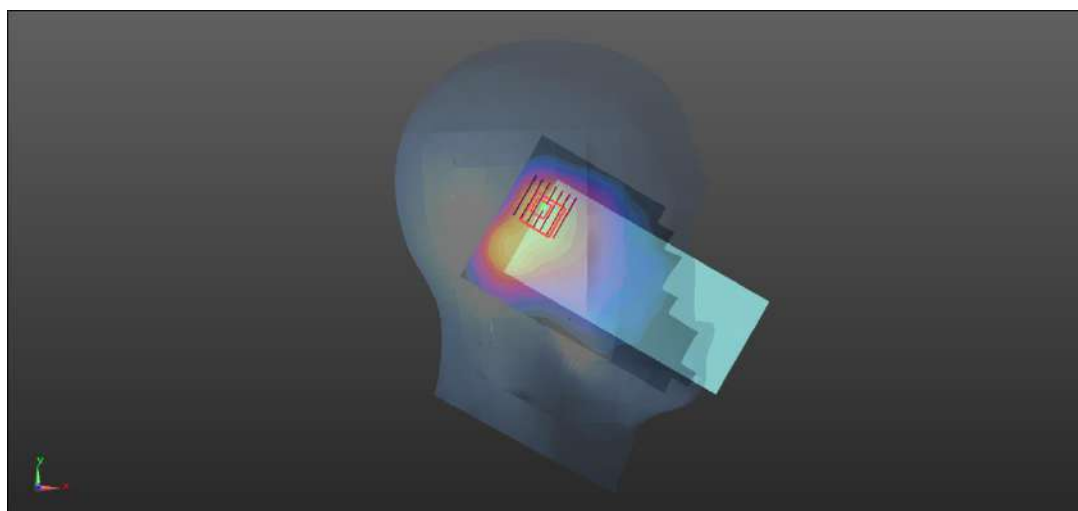
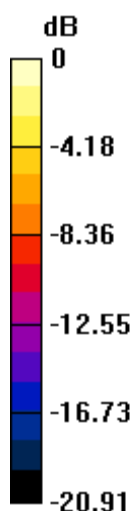
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.271 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg

Meas.50 Body Plane with Back Side 15mm on Middle Channel in LTE Band38 mode with Antenna 31

Date: 2025.01.08

Communication System Band: Band 38; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 40.243$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38000/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.220 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.438 V/m; Power Drift = 0.04 dB

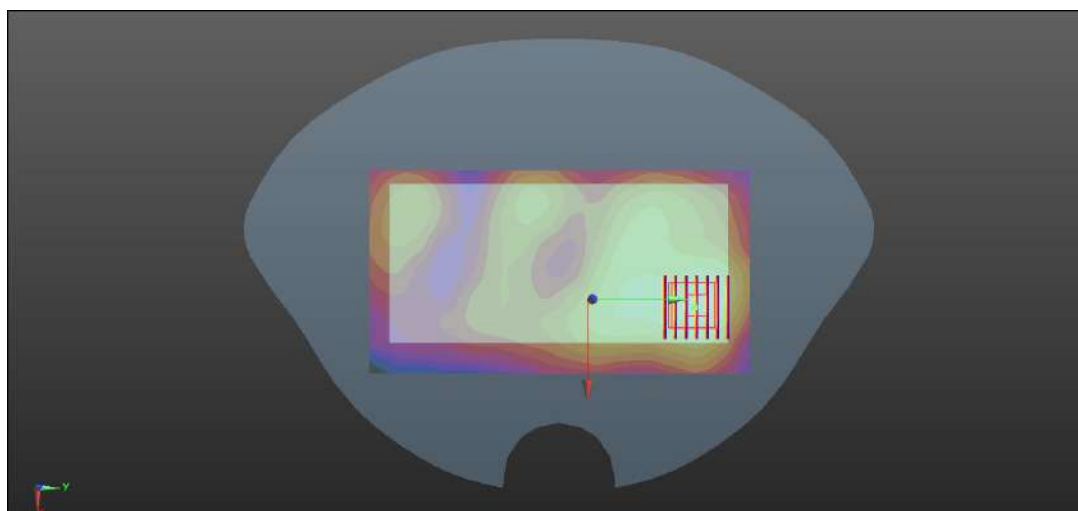
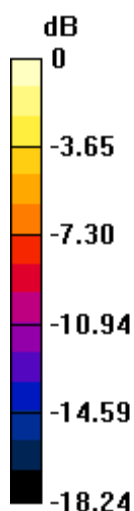
Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.125 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 0.245 W/kg



Meas.51 Body Plane with Back Side 10mm on Middle Channel in LTE Band38 mode with Antenna 31

Date: 2025.01.08

Communication System Band: Band 38; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 40.243$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38000/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.431 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.653 V/m; Power Drift = 0.16 dB

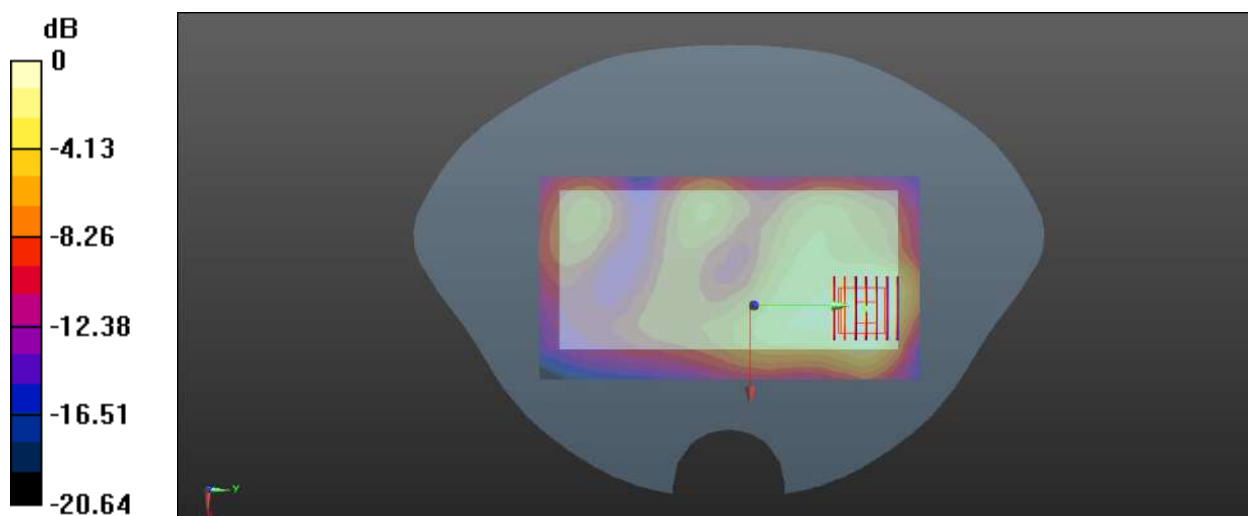
Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.218 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 0.443 W/kg



0 dB = 0.443 W/kg

Meas.52 Left Head with Tilt on Middle Channel in LTE Band41 mode with Antenna 13

Date: 2025.01.14

Communication System Band: Band41; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.898$ S/m; $\epsilon_r = 39.785$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40640/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.22 V/m; Power Drift = -0.03 dB

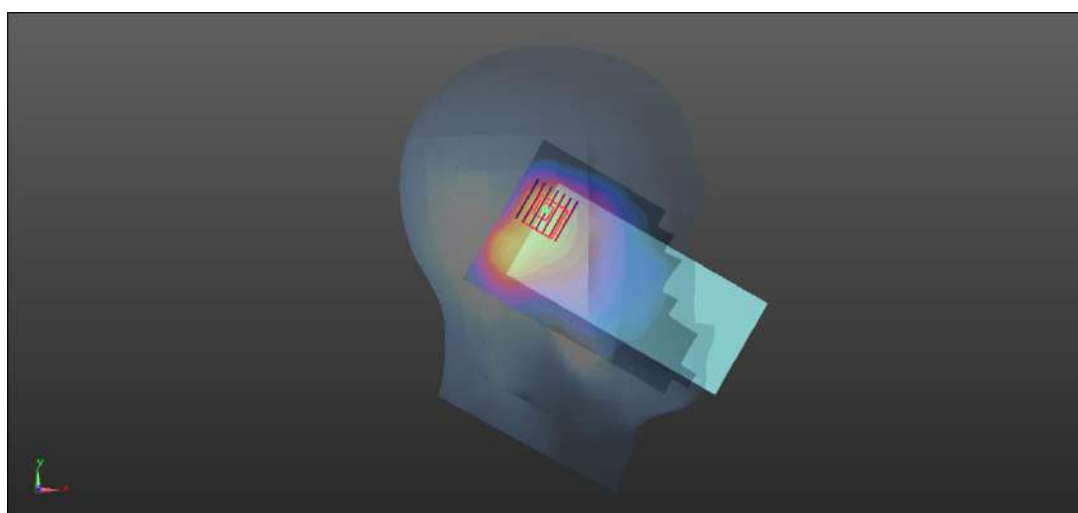
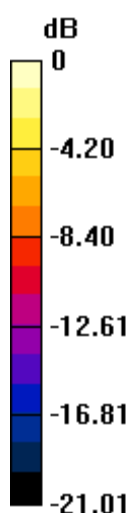
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg

Meas.53 Body Plane with Back Side 15mm on Middle Channel in LTE Band41 mode with Antenna 31

Date: 2025.01.14

Communication System Band: Band41; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.898$ S/m; $\epsilon_r = 39.785$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40640/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.192 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.443 V/m; Power Drift = -0.06 dB

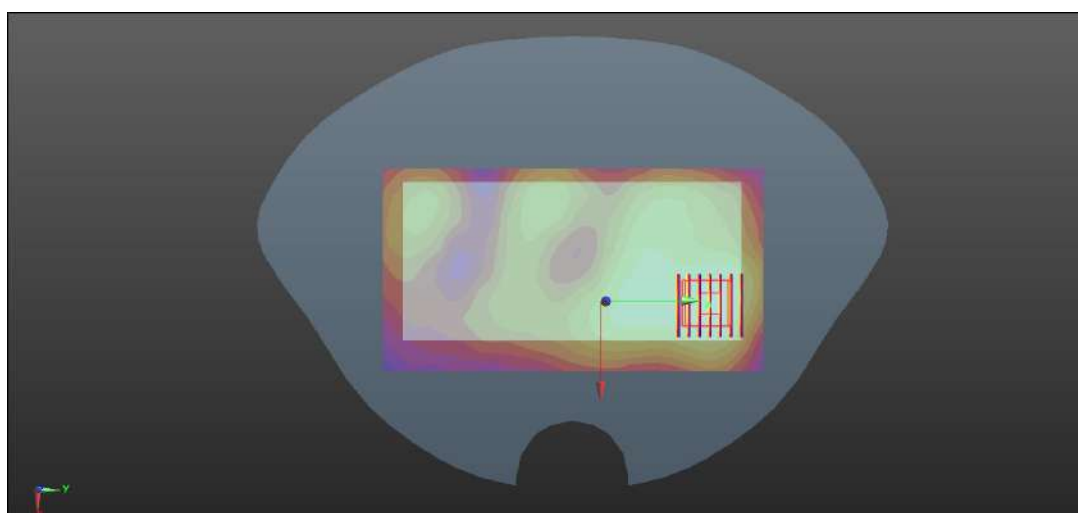
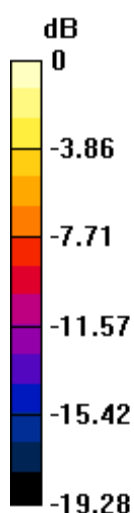
Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.7%

Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg

Meas.54 Body Plane with Back Side 10mm on Middle Channel in LTE Band41 mode with Antenna 31

Date: 2025.01.14

Communication System Band: Band41; Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.898$ S/m; $\epsilon_r = 39.785$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C Liquid Temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40640/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.643 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.757 V/m; Power Drift = 0.18 dB

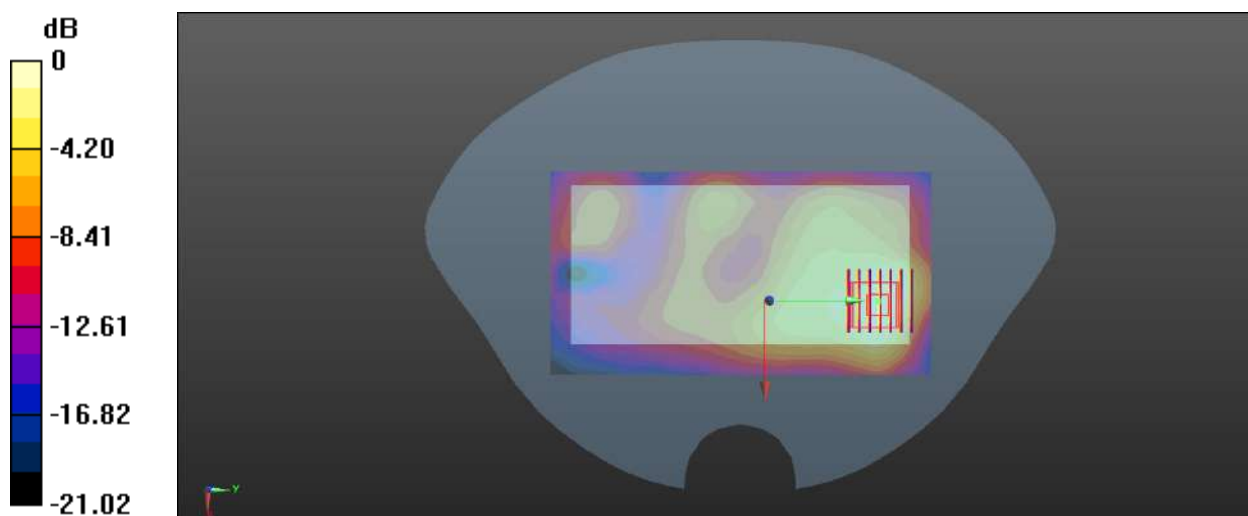
Peak SAR (extrapolated) = 0.920 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.293 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg

Meas.55 Left Head with Cheek on 6 Channel in IEEE802.11b mode with Antenna 22

Date: 2025.01.10

Communication SystemBand: WLAN(b); Frequency: 2437 MHz;Duty Cycle: 1:1.015

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.757$ S/m; $\epsilon_r = 39.77$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.836 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.471 V/m; Power Drift = 0.03 dB

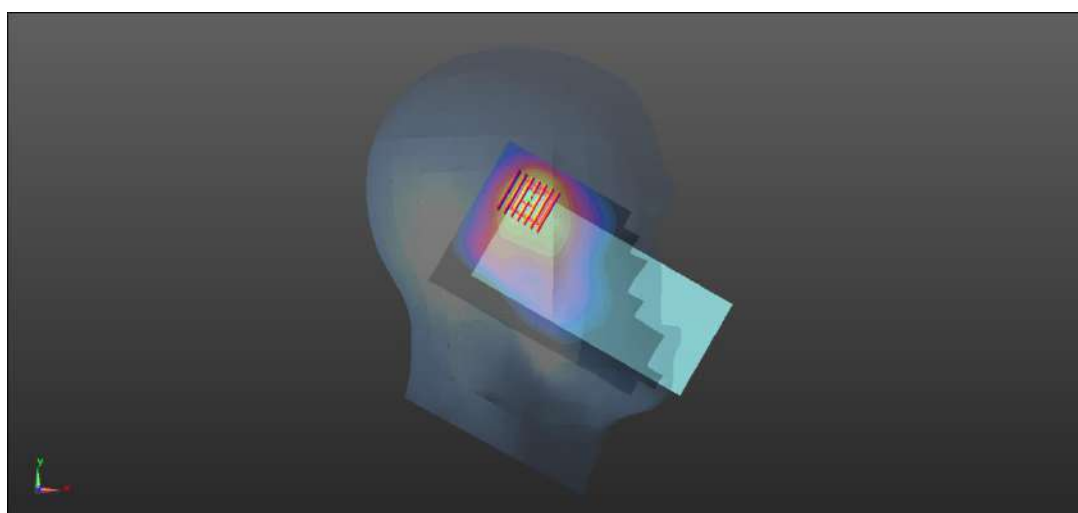
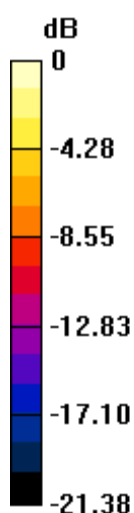
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.368 W/kg

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 0.967 W/kg



0 dB = 0.967 W/kg

Meas.56 Body Plane with Back Side 15mm on 11 Channel in IEEE802.11b mode with Antenna 22

Date: 2025.01.10

Communication System Band: WLAN(b); Frequency: 2462 MHz; Duty Cycle: 1:1.015

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 39.434$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.934 V/m; Power Drift = -0.07 dB

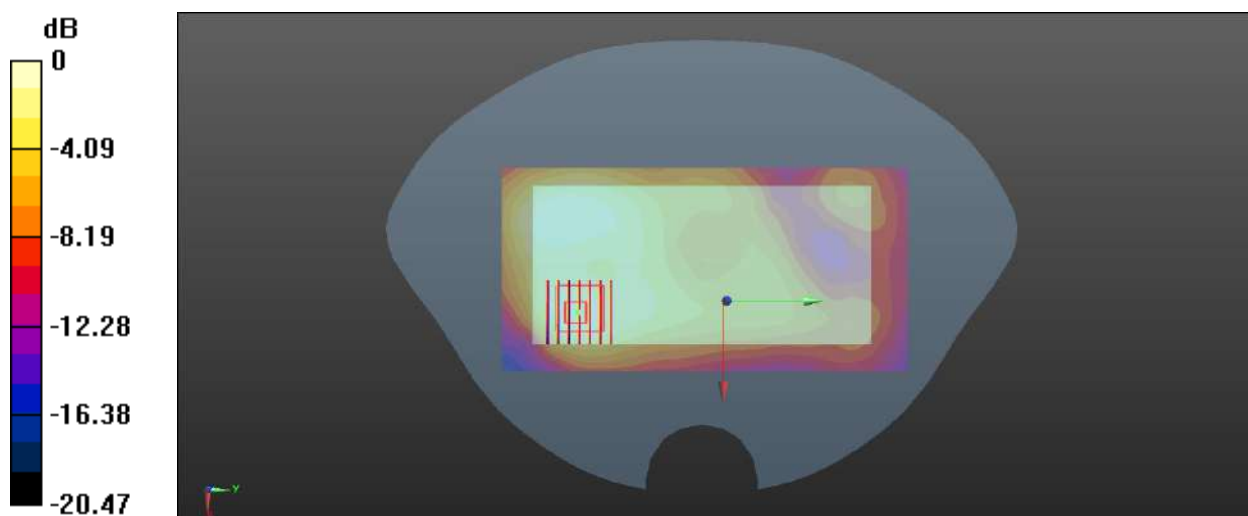
Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.084 W/kg

Smallest distance from peaks to all points 3 dB below = 13.9 mm

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.171 W/kg

Meas.57 Body Plane with Back Side 10mm on 11 Channel in IEEE802.11b mode with Antenna 22

Date: 2025.01.10

Communication System Band: WLAN(b); Frequency: 2462 MHz; Duty Cycle: 1:1.015

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 39.434$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.561 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.721 V/m; Power Drift = 0.09 dB

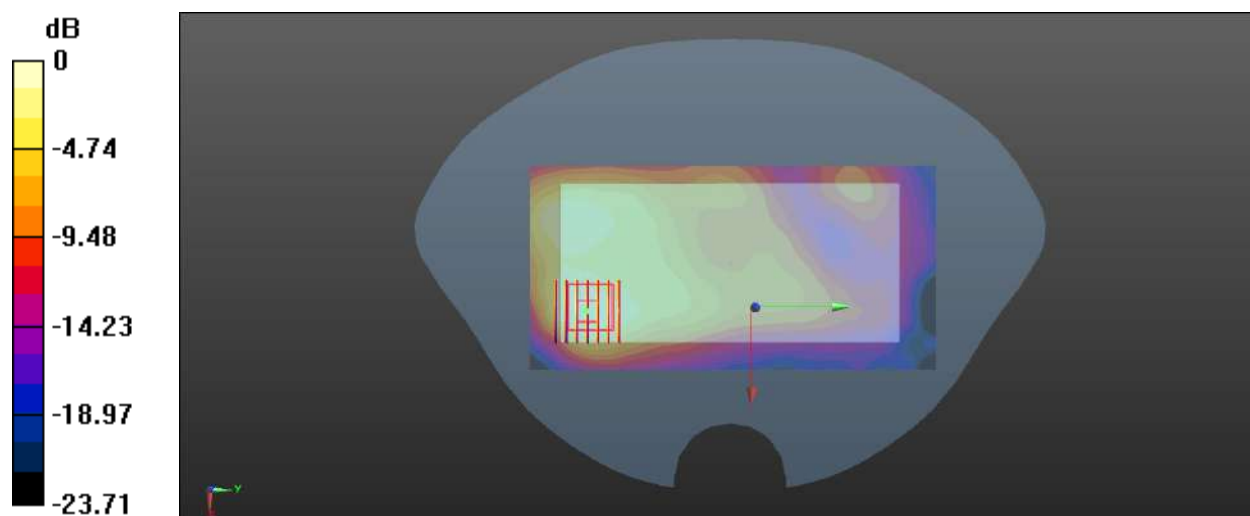
Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.224 W/kg

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.5%

Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.487 W/kg

Meas.58 Left Head with Cheek on 54 Channel in IEEE802.11n40 mode with Antenna 22

Date: 2025.01.11

Communication System Band: WLAN(n40); Frequency: 5270 MHz; Duty Cycle: 1:1.06

Medium parameters used (interpolated): $f = 5270$ MHz; $\sigma = 4.658$ S/m; $\epsilon_r = 35.454$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.5, 5.5, 5.5); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch54/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

Ch54/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.672 V/m; Power Drift = 0.07 dB

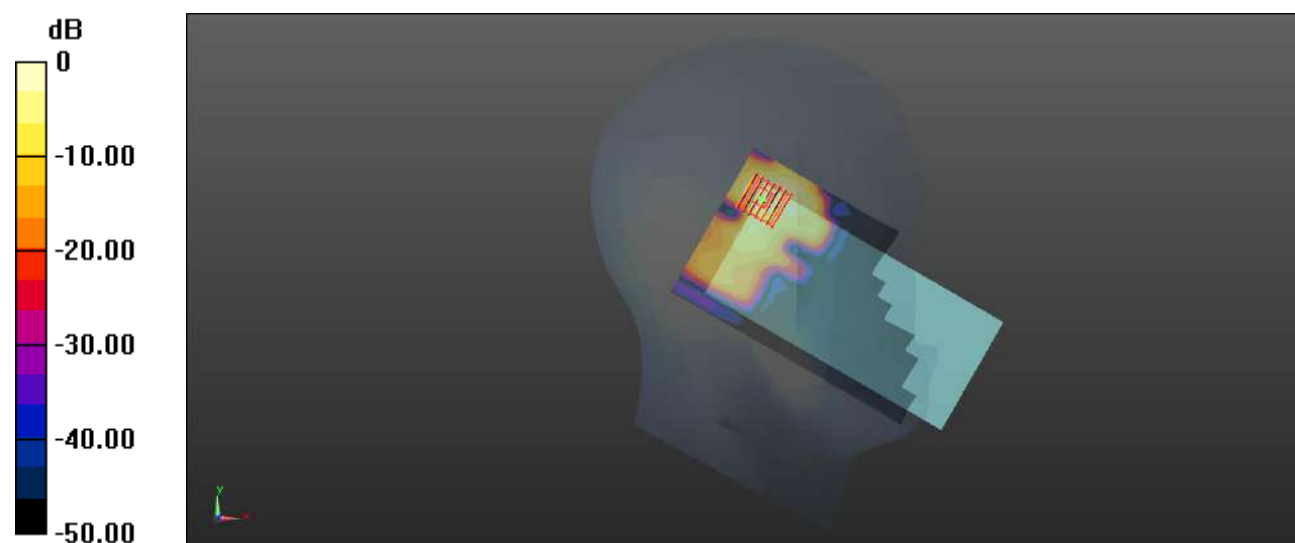
Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.164 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 53.1%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

Meas.59 Left Head with Cheek on 122 Channel in IEEE802.11ac80 mode with Antenna 22

Date: 2025.01.12

Communication SystemBand: WLAN(ac80); Frequency: 5610 MHz;Duty Cycle: 1:1.098

Medium parameters used (interpolated): $f = 5610$ MHz; $\sigma = 5.228$ S/m; $\epsilon_r = 35.898$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5, 5, 5); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch122/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.630 W/kg

Ch122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.13 dB

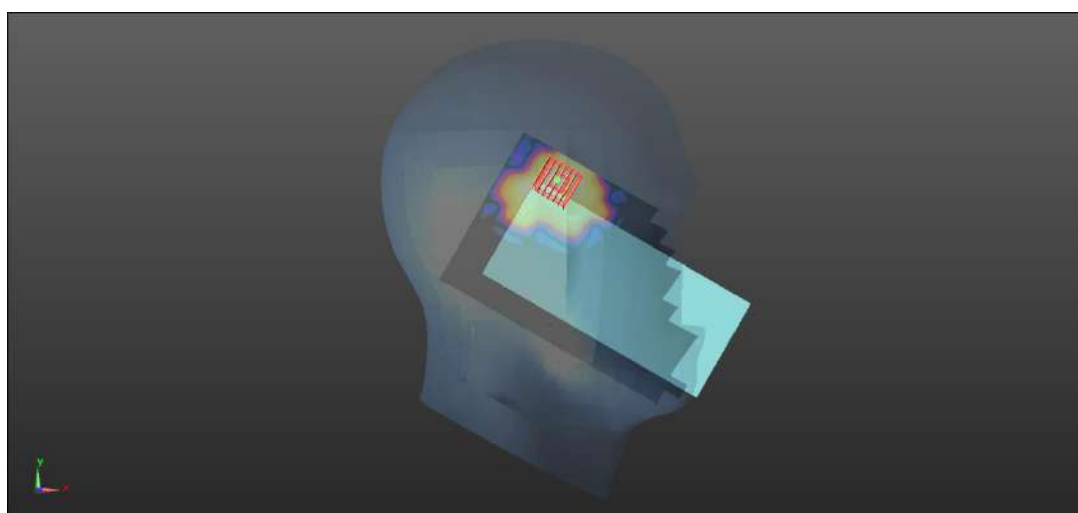
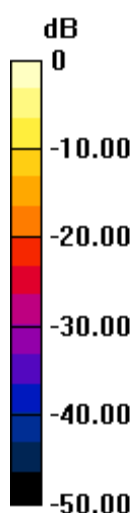
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.099 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

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



0 dB = 0.745 W/kg

Meas.60 Left Head with Cheek on 155 Channel in IEEE802.11ac80 mode with Antenna 22

Date: 2025.01.13

Communication SystemBand: WLAN(ac80); Frequency: 5775 MHz;Duty Cycle: 1:1.098

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.315$ S/m; $\epsilon_r = 35.189$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.1℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.534 W/kg

Ch155 2/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.106 V/m; Power Drift = 0.15 dB

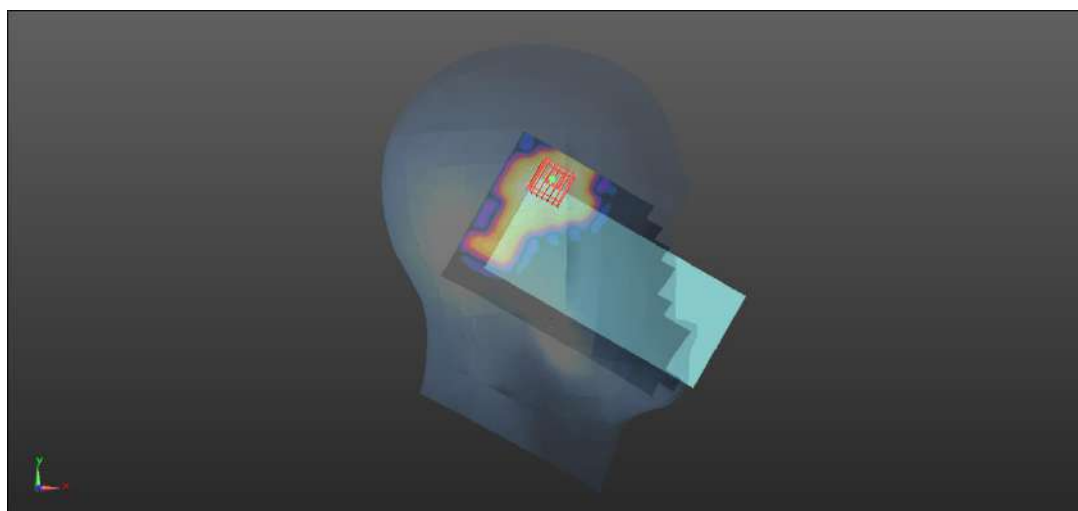
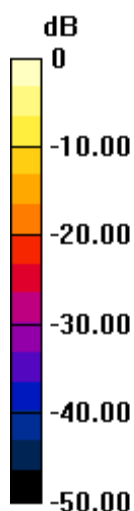
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 47.9%

Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.530 W/kg

Meas.61 Body Plane with Back Side 15mm on 60 Channel in IEEE802.11a mode with Antenna 22

Date: 2025.01.11

Communication System Band: WLAN(a); Frequency: 5300 MHz; Duty Cycle: 1:1.028

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.692$ S/m; $\epsilon_r = 35.226$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.5, 5.5, 5.5); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch60/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.336 W/kg

Ch60/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.4650 V/m; Power Drift = 0.06 dB

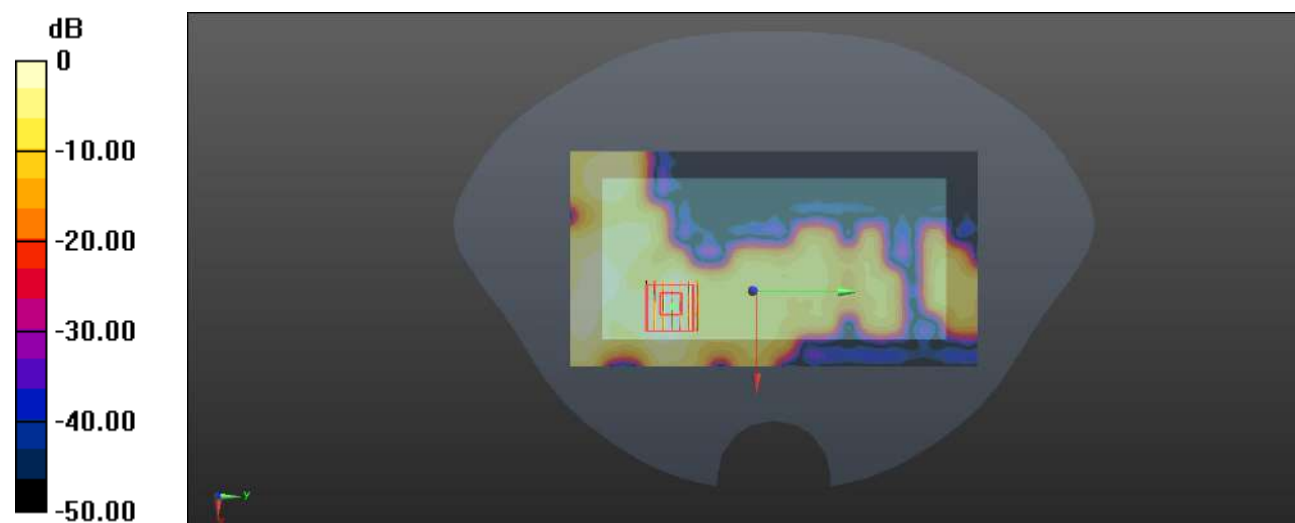
Peak SAR (extrapolated) = 0.585 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.053 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg

Meas.62 Body Plane with Back Side 15mm on 100 Channel in IEEE802.11a mode with Antenna 22

Date: 2025.01.12

Communication System Band: WLAN(a); Frequency: 5500 MHz; Duty Cycle: 1:1.028

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.102$ S/m; $\epsilon_r = 37.047$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.11, 5.11, 5.11); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.885 W/kg

Ch100/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.726 V/m; Power Drift = 0.00 dB

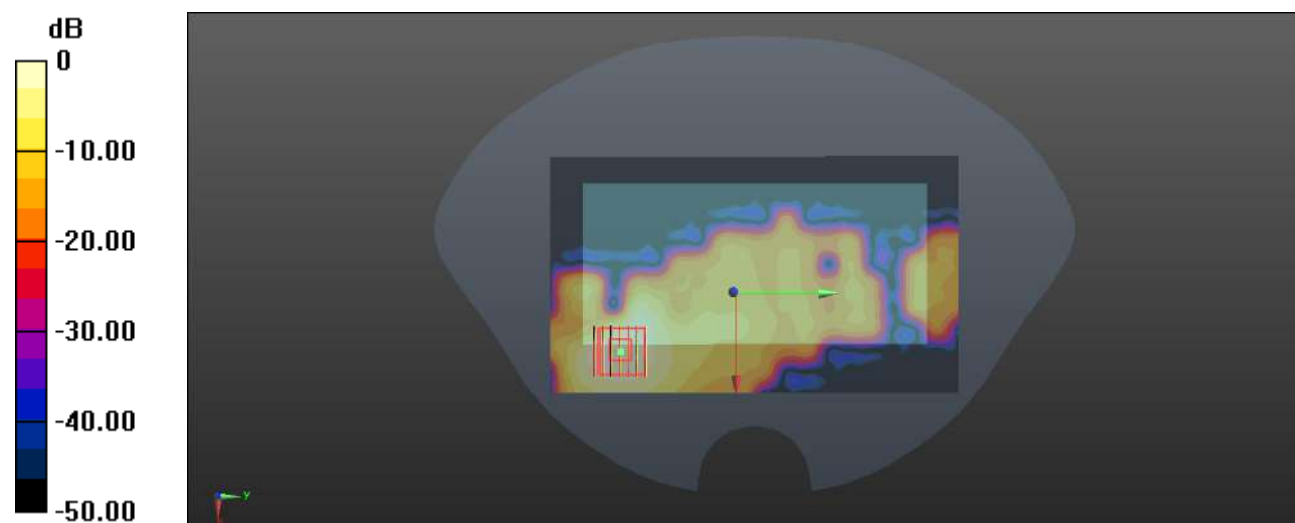
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.156 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 0.776 W/kg



0 dB = 0.776 W/kg

Meas.63 Body Plane with Back Side 15mm on 157 Channel in IEEE802.11a mode with Antenna 22

Date: 2025.01.13

Communication System Band: WLAN(a); Frequency: 5785 MHz; Duty Cycle: 1:1.028

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 35.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.649 W/kg

Ch157/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.19 dB

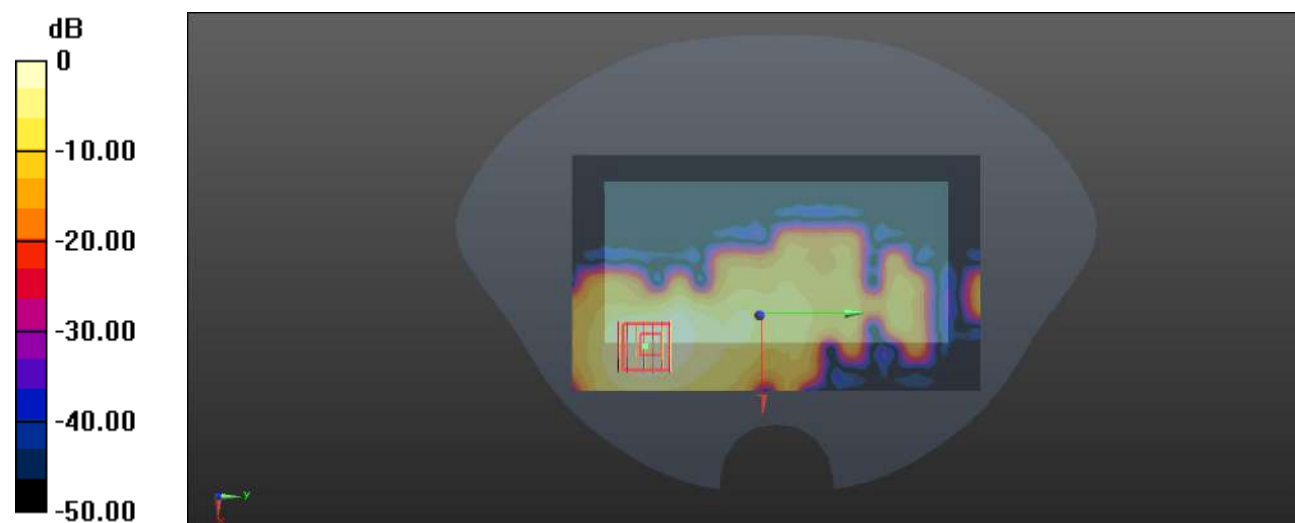
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.133 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 0.637 W/kg



0 dB = 0.637 W/kg

Meas.64 Body Plane with Back Side 10mm on 42 Channel in IEEE802.11ac80 mode with Antenna 22

Date: 2025.01.11

Communication SystemBand: WLAN(ac80); Frequency: 5210 MHz;Duty Cycle: 1:1.098

Medium parameters used (interpolated): $f = 5210$ MHz; $\sigma = 4.582$ S/m; $\epsilon_r = 36.543$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.9°C Liquid Temperature:21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.74, 5.74, 5.74); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch42/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.312 W/kg

Ch42/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.13 dB

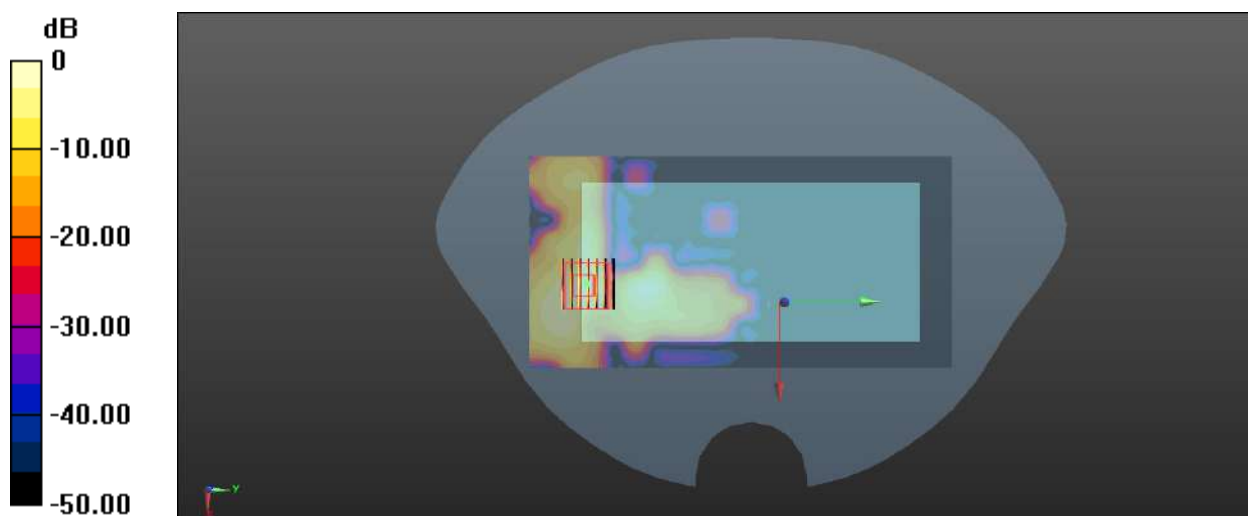
Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.032 W/kg

Smallest distance from peaks to all points 3 dB below = 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 0.326 W/kg



Meas.65 Body Plane with Left Edge 10mm on 155 Channel in IEEE802.11ac80 mode with Antenna 22

Date: 2025.01.13

Communication SystemBand: WLAN(ac80); Frequency: 5775 MHz;Duty Cycle: 1:1.098

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.315$ S/m; $\epsilon_r = 35.189$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.1℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (81x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.394 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.119 V/m; Power Drift = -0.18 dB

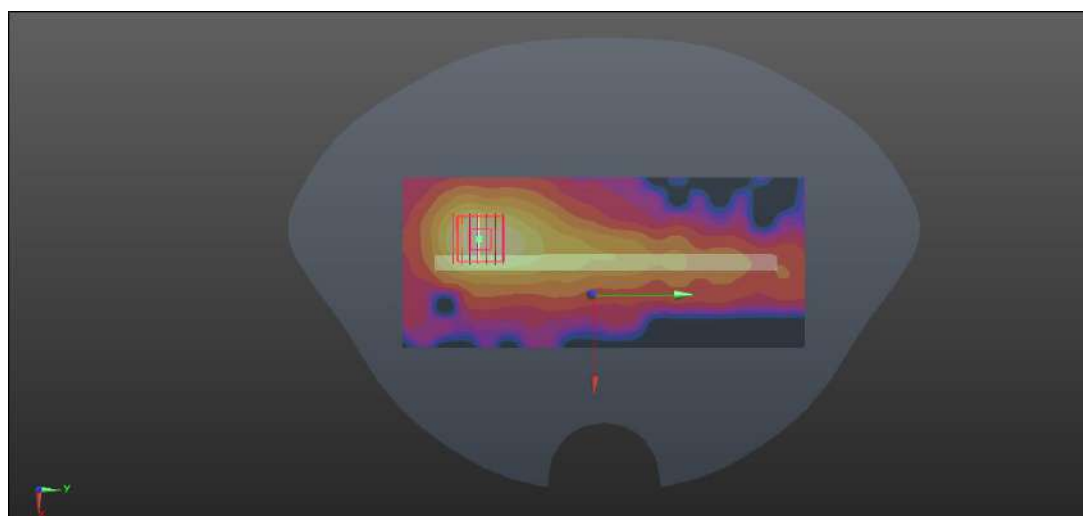
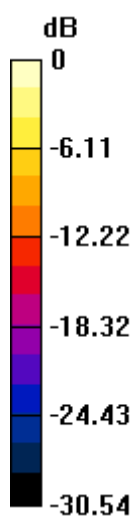
Peak SAR (extrapolated) = 0.832 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.404 W/kg

Meas.66 Body Plane with Top Edge 0mm on 60 Channel in IEEE802.11a mode with Antenna 22

Date: 2025.01.11

Communication System Band: WLAN(a); Frequency: 5300 MHz; Duty Cycle: 1:1.028

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.692$ S/m; $\epsilon_r = 35.226$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C Liquid Temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.5, 5.5, 5.5); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch60/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.1 W/kg

Ch60/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.24 V/m; Power Drift = -0.04 dB

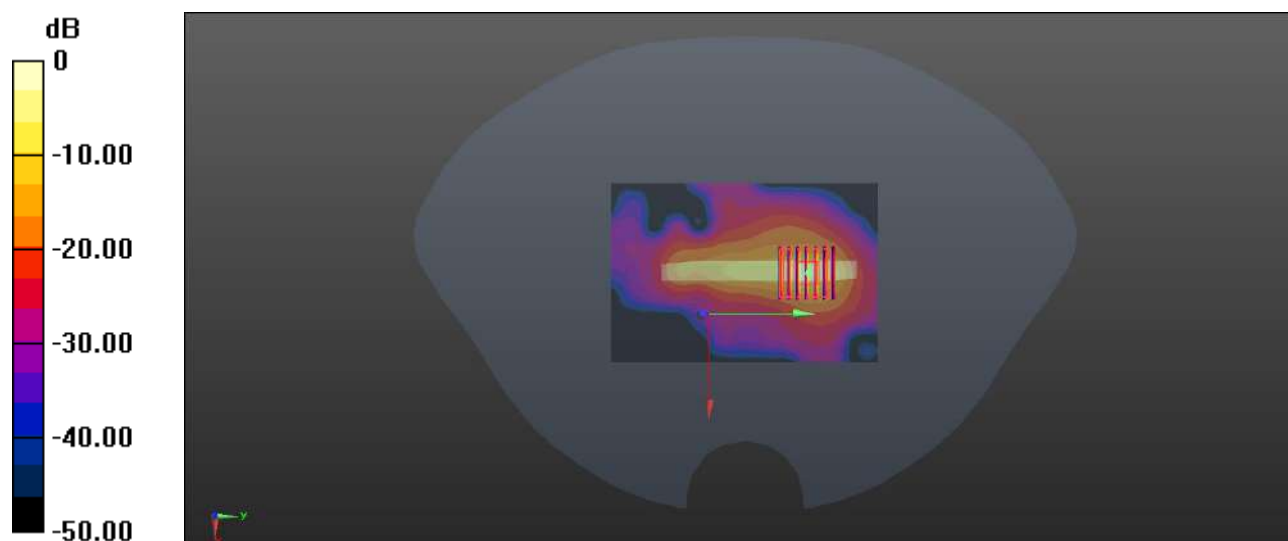
Peak SAR (extrapolated) = 48.8 W/kg

SAR(1 g) = 6.26 W/kg; SAR(10 g) = 1.1 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg

Meas.67 Body Plane with Left Edge 0mm on 100 Channel in IEEE802.11a mode with Antenna 22

Date: 2025.01.12

Communication System Band: WLAN(a); Frequency: 5500 MHz; Duty Cycle: 1:1.028

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.102$ S/m; $\epsilon_r = 37.047$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.11, 5.11, 5.11); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (91x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.7 W/kg

Ch100/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.885 V/m; Power Drift = 0.09 dB

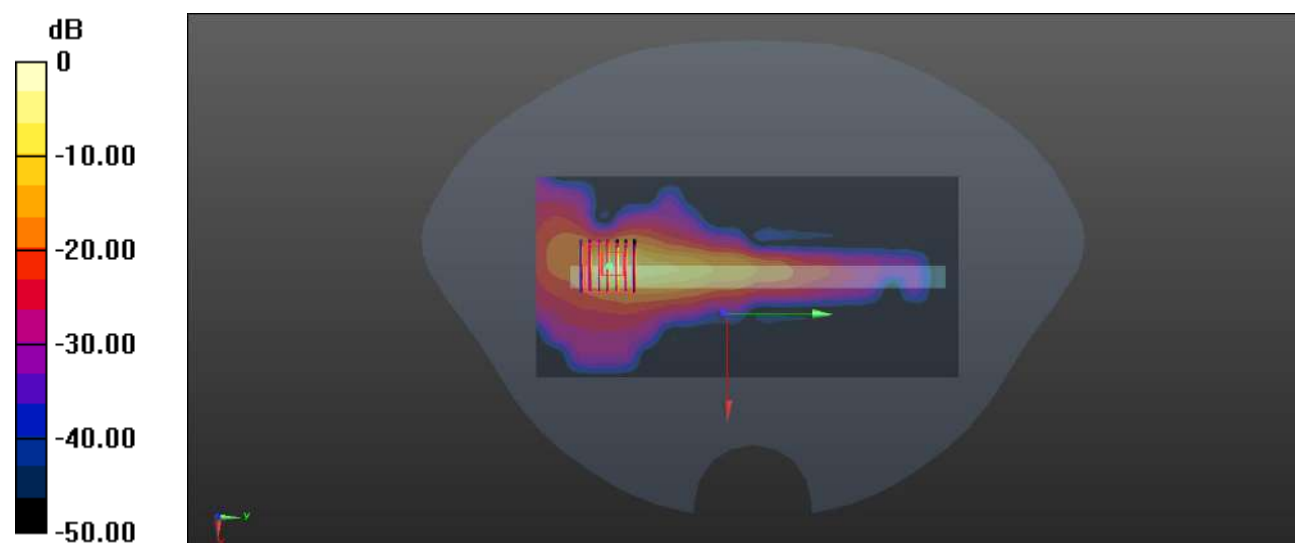
Peak SAR (extrapolated) = 64.8 W/kg

SAR(1 g) = 8.1 W/kg; SAR(10 g) = 1.42 W/kg

Smallest distance from peaks to all points 3 dB below = 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 22.7 W/kg



0 dB = 22.7 W/kg

Meas.68 Body Plane with Left Edge 0mm on 157 Channel in IEEE802.11a mode with Antenna 22

Date: 2025.01.13

Communication System Band: WLAN(a); Frequency: 5785 MHz; Duty Cycle: 1:1.028

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 35.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C Liquid Temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch5785/Area Scan (91x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.4 W/kg

Ch5785/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.744 V/m; Power Drift = 0.06 dB

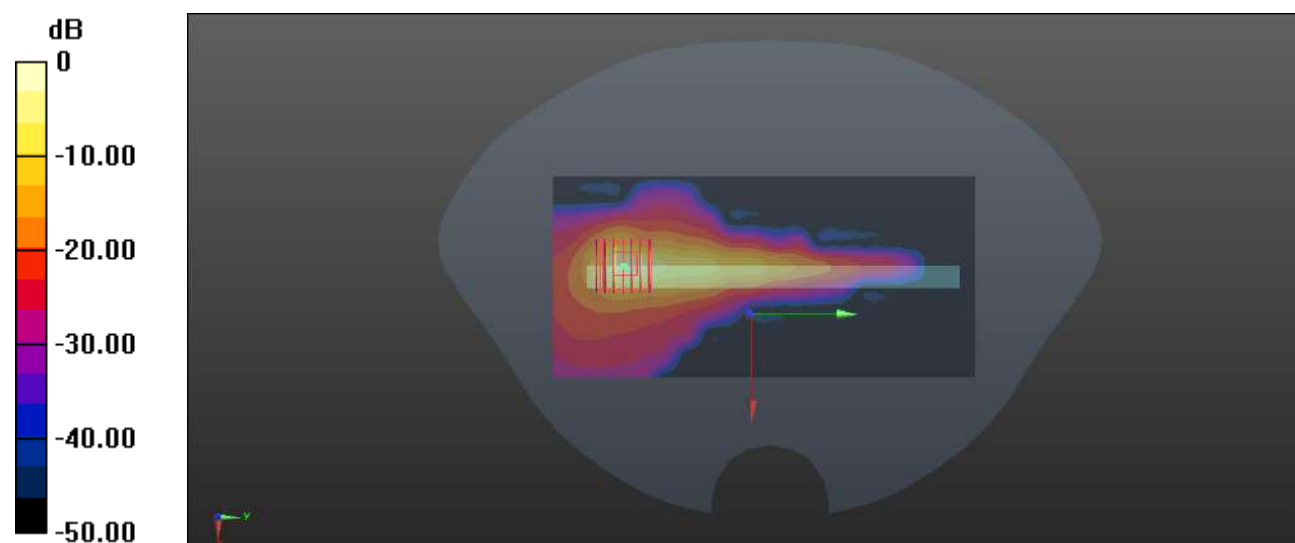
Peak SAR (extrapolated) = 51.1 W/kg

SAR(1 g) = 7.06 W/kg; SAR(10 g) = 1.46 W/kg

Smallest distance from peaks to all points 3 dB below = 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.0 W/kg

Meas.69 Left Head with Cheek on 0 Channel in Bluetooth mode with Antenna 22

Date: 2025.01.10

Communication System Band: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.301

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch0/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.162 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.306 V/m; Power Drift = 0.02 dB

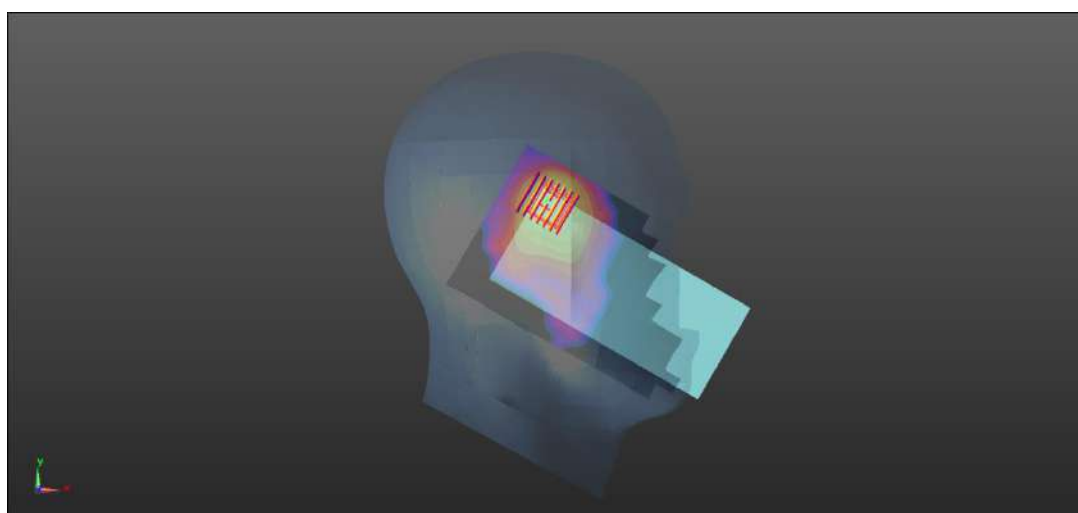
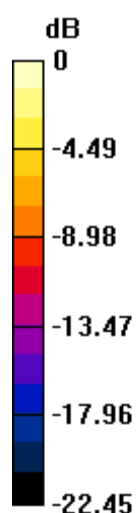
Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg

Meas.70 Body Plane with Back Side 15mm on 0 Channel in Bluetooth mode with Antenna 22

Date: 2025.01.10

Communication System Band: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.301

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch0/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0220 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.214 V/m; Power Drift = 0.03 dB

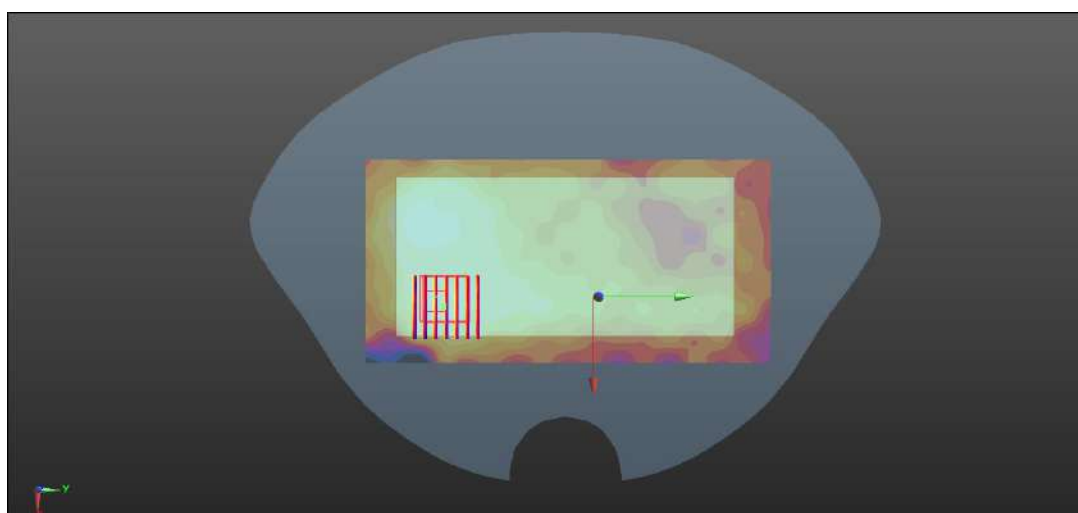
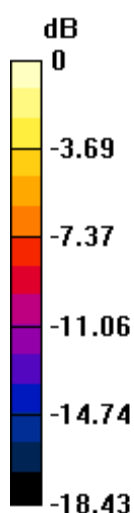
Peak SAR (extrapolated) = 0.0380 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.0220 W/kg



0 dB = 0.0220 W/kg

Meas.71 Body Plane with Back Side 10mm on 0 Channel in Bluetooth mode with Antenna 22

Date: 2025.01.10

Communication System Band: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.301

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 39.856$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2024.06.28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch0/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0559 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.411 V/m; Power Drift = 0.15 dB

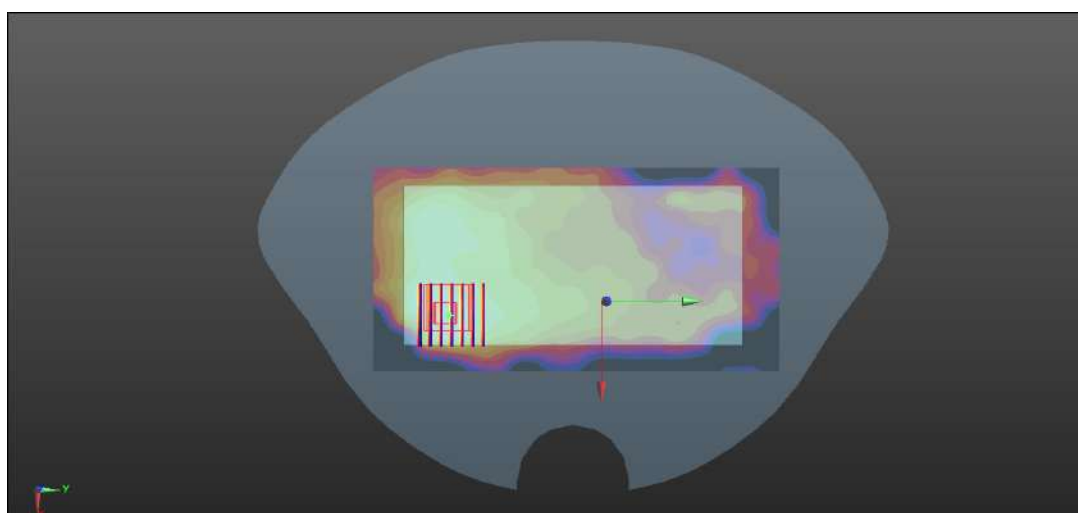
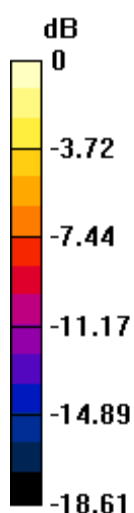
Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.023 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.0470 W/kg



0 dB = 0.0470 W/kg

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24C1475-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “BL-SZ24C1475-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “BL-SZ24C1475-AC.pdf”.

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