TEST REPORT

Applicant:	MEIZU TECHNOLOGY CO., LTD.
Address:	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China
Equipment Type:	Mobile Phone
Model Name:	M512H
Brand Name:	MEIZU
FCC ID:	2ANQ6-M512H
Test Standard:	FCC 47 CFR Part 2.1093 (refer to section 3.1)
Maximum SAR:	Head (1 g@0mm): 0.38 W/kg Body-worn (1 g@15mm): 0.45 W/kg Hotspot (1 g@10mm): 0.75 W/kg Specific (10 g@0mm): 0.06 W/kg
Sample Arrival Date:	Mar. 03, 2025
Test Date：	Mar. 10, 2025 - Apr. 13, 2025
Date of Issue:	Apr. 16, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Zhang Jiwei **Checked by:** Xu Rui **Approved by:** Tolan Tu

(Testing Director)

Zhang Jiwei _____ Xu Rui _____ Tolan Tu _____

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Apr. 16, 2025	Initial Issue

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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℃ to 25℃
Ambient Relative Humidity	30% to 70%

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	MEIZU TECHNOLOGY CO., LTD.
Address	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China

2.2 Manufacturer Information

Manufacturer	MEIZU TECHNOLOGY CO., LTD.
Address	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	M512H
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.0
Software Version	Android 15
Dimensions (Approx.)	170.75mm*77.5mm*8.5mm
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	N/A
	Model No.	BA511H
	Serial No.	N/A
	Capacity	Rated Capacity: 5000mAh/19.2Wh, Typical Capacity: 5070mAh/19.47Wh
	Rated Voltage	3.84V
	Limit Charge Voltage	4.45V

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/18/19/26/66 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) GPS, GLONASS, BDS, Galileo, NFC
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, 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 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	LTE Band 17	TX: 704 ~ 716 MHz	RX: 734 ~ 746 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 ~ 2180 MHz
	LTE Band 38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	LTE Band 41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	802.11b/g /n(HT20/HT40)	2412 ~ 2462 MHz	
	802.11a	5150 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	802.11n(HT20/HT 40)	5150 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
		5150 ~ 5350 MHz	

	802.11ac (VHT20/VHT40/VHT80)	5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	Bluetooth	2402 ~ 2480 MHz	
	NFC	13.56 MHz	
Antenna Type	WWAN: PIFA Antenna WIFI: PIFA Antenna Bluetooth: PIFA Antenna NFC: Coil		
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/IEEE C95.1-1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
3	IEEE Std. 1528-2013	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate(SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
4	KDB 447498 D04 v01	447498 D04 Interim General RF Exposure Guidance v01
5	KDB 941225 D01 v03r01	3G SAR MEAUREMENT PROCEDURES
6	KDB 941225 D05 v02r05	SAR Evaluation Considerations for LTE Devices
7	KDB 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/ ControlledExposure
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	0.38	0.25	0.38	/	0.38	0.45	0.75	0.06
	GSM 1900	0.01	0.02	0.21	/				
	WCDMA Band 2	0.01	0.08	0.26	/				
	WCDMA Band 4	0.03	0.21	0.74	/				
	WCDMA Band 5	0.21	0.08	0.09	/				
	LTE Band 2	0.02	0.08	0.25	/				
	LTE Band 4	0.02	0.25	0.75	/				
	LTE Band 5	0.17	0.17	0.18	/				
	LTE Band 7	0.08	0.33	0.37	/				
	LTE Band 12	0.28	0.43	0.47	/				
	LTE Band 17	0.29	0.45	0.47	/				
	LTE Band 18	0.28	0.27	0.34	/				
	LTE Band 19	0.21	0.20	0.26	/				
	LTE Band 26	0.19	0.20	0.24	/				
	LTE Band 66	0.01	0.20	0.75	/				
	LTE Band 38	0.08	0.23	0.53	/				
	LTE Band 41	0.06	0.20	0.66	/				
DTS	2.4G	0.29	0.12	0.30	/				
NII	5.2G	/	/	0.16	/				
	5.3G	0.06	0.06	/	0.06				
	5.6G	0.06	0.09	/	0.03				
	5.8G	0.01	0.02	0.05	/				
DSS	Bluetooth	0.03	0.01	0.10	/				
Limit (W/kg)		1.6			4.0	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)
PCE	**0.58**	**0.58**	**0.99**
DTS	**0.58**	**0.58**	**0.99**
NII	0.43	0.55	0.95
DSS	0.43	0.55	0.95
Limit (W/Kg)	1.60		
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 0.75 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 0.06 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:

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

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

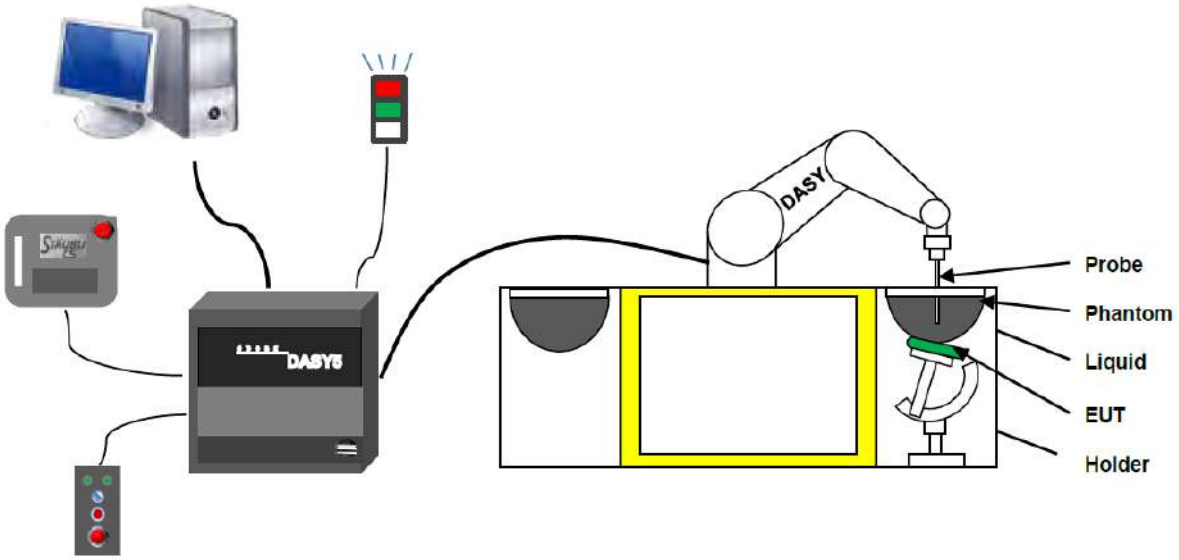
$$\mathbf{SAR} = \frac{\boldsymbol{\sigma}\mathbf{E}^{2}}{\boldsymbol{\rho}}$$

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 with following specifications is used.

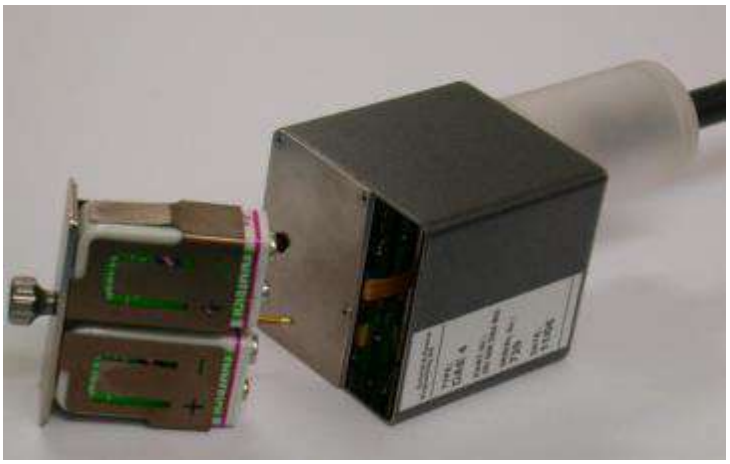
Construction	Symmetrical design with triangular core Built-in optical fiber for surface detection systemBuilt-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., glycolether)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to 6 GHz; 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 µW/g to > 100 mW/g; Linearity: ± 0.2 dB
Dimensions	Overall length: 337 mm (Tip: 9 mm) Tip diameter: 2.5 mm (Body: 10 mm) Distance from probe tip to dipole centers: 1.0 mm
Application	General dosimetry up to 3 GHz Compliance tests of mobile phones Fast automatic scanning in arbitrary phantoms (EX3DV4)

E-Field Probe Calibration Process

Probe calibration is realized, in compliance with CENELEC EN 62209-1/-2 and IEEE 1528 std, with CALISAR, Antennessa proprietary calibration system. The calibration is performed with the EN 62209-1/2 annexe technique using reference guide at the five frequencies.

4.2.4 Data Acquisition Electronics

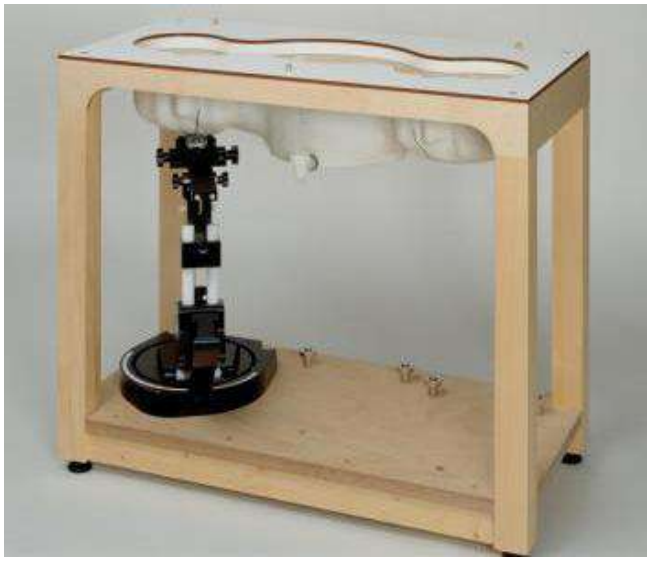
The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an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



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

4.2.5 Phantoms

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



- Left head
- Right head
- Flat phantom

Photo of Phantom SN1576

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

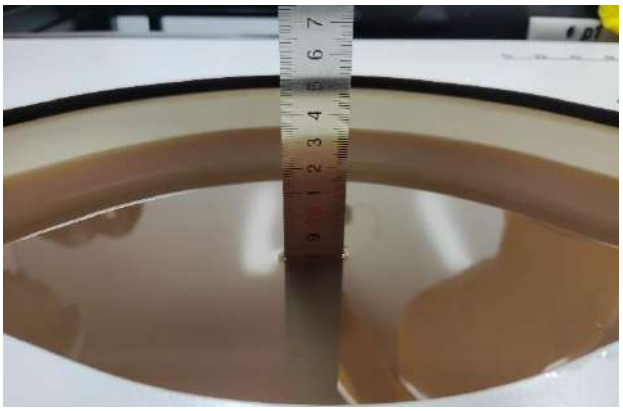
4.2.6 Device Holder

The DASY5 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65°. The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. This device holder is used for standard mobile phones or PDA‟s only. If necessary an additional support of polystyrene material is used. Larger DUT‟s (e.g. notebooks) cannot be tested using this device holder. Instead a support of bigger polystyrene cubes and thin polystyrene plates is used to position the DUT in all relevant positions to find and measure spots with maximum SAR values. Therefore those devices are normally only tested at the flat part of the SAM.

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

4.2.7 Simulating Liquid

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

Head Liquid Depth	Body Liquid Depth
	

The following table gives the recipes for tissue simulating liquid.

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

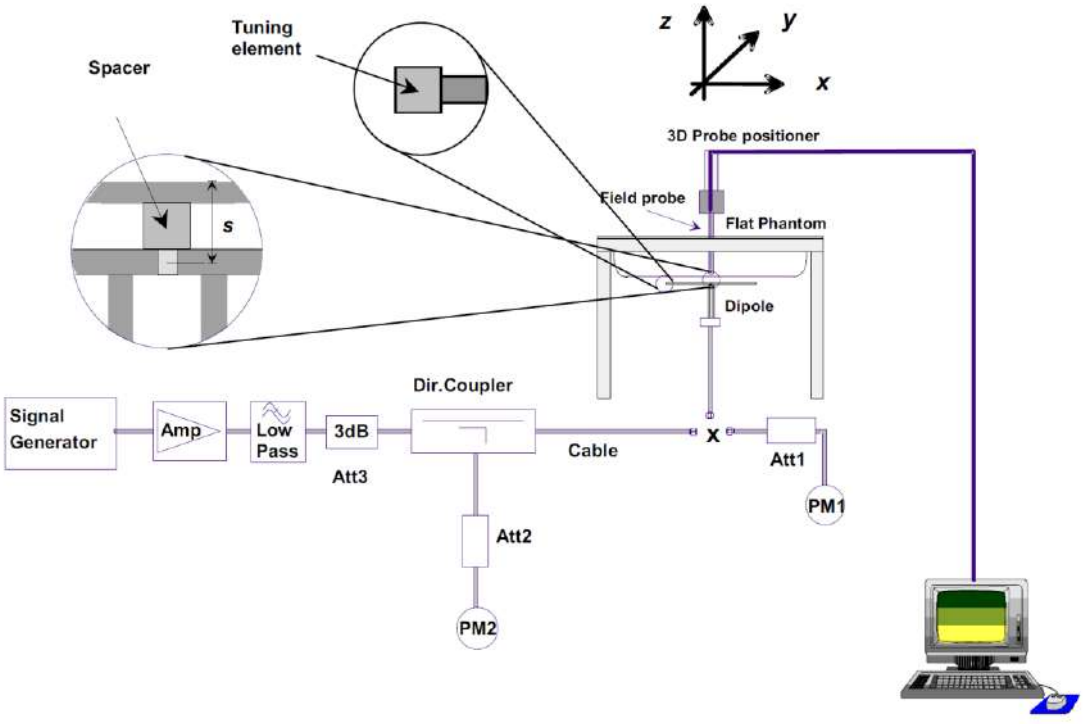
5 SYSTEM VERIFICATION

5.1 Purpose of System Check

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

5.2 System Check Setup

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



6 TEST POSITION CONFIGURATIONS

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

6.1 Head Exposure Conditions

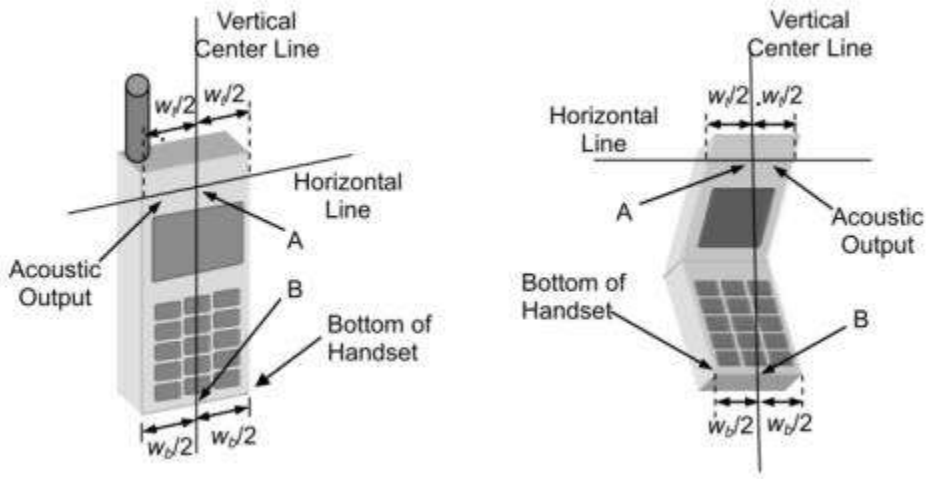
Head exposure is limited to next to the ear voice mode operations. Head SAR compliance is tested according to the test positions defined in IEEE Std 1528-2013 using the SAM phantom illustrated as below.

6.1.1 Two Imaginary Lines on the Handset

(a) 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.

(b) 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.

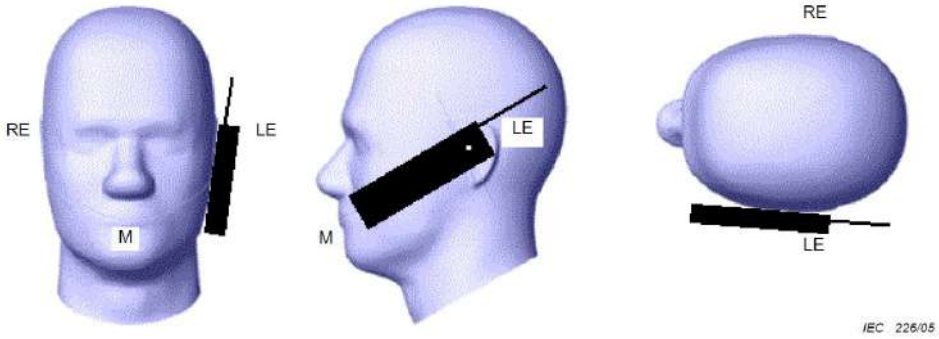
(c) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical center line is not necessarily parallel to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



6.1.2 Cheek Position

(a) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.

(b) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.



6.1.3 Tilted Position

(a) To position the device in the “cheek” position described above.

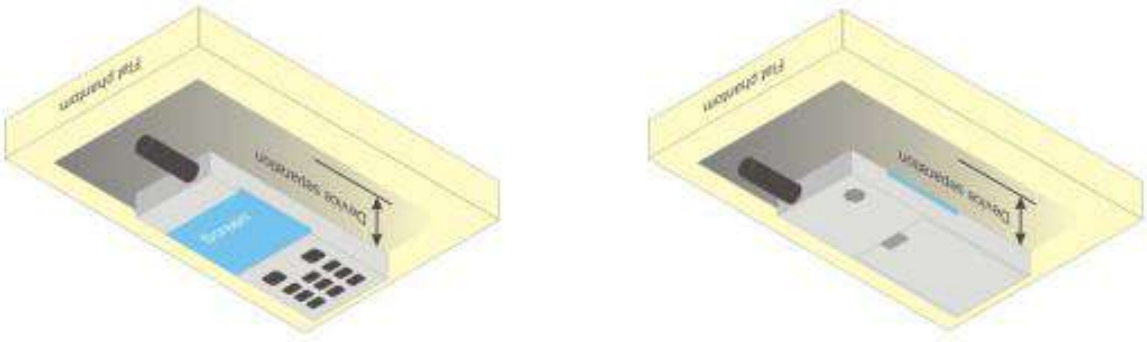
(b) While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.

6.2 Body-worn Position Conditions

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

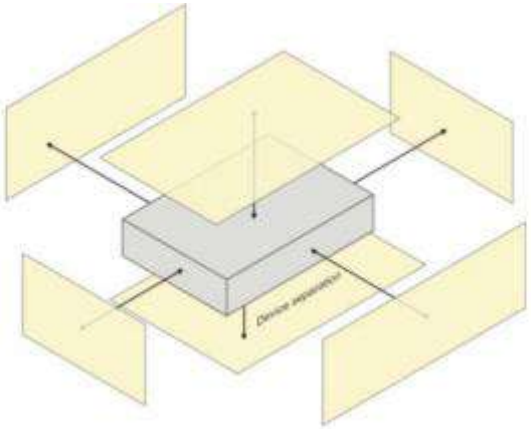
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.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

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



6.3 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.

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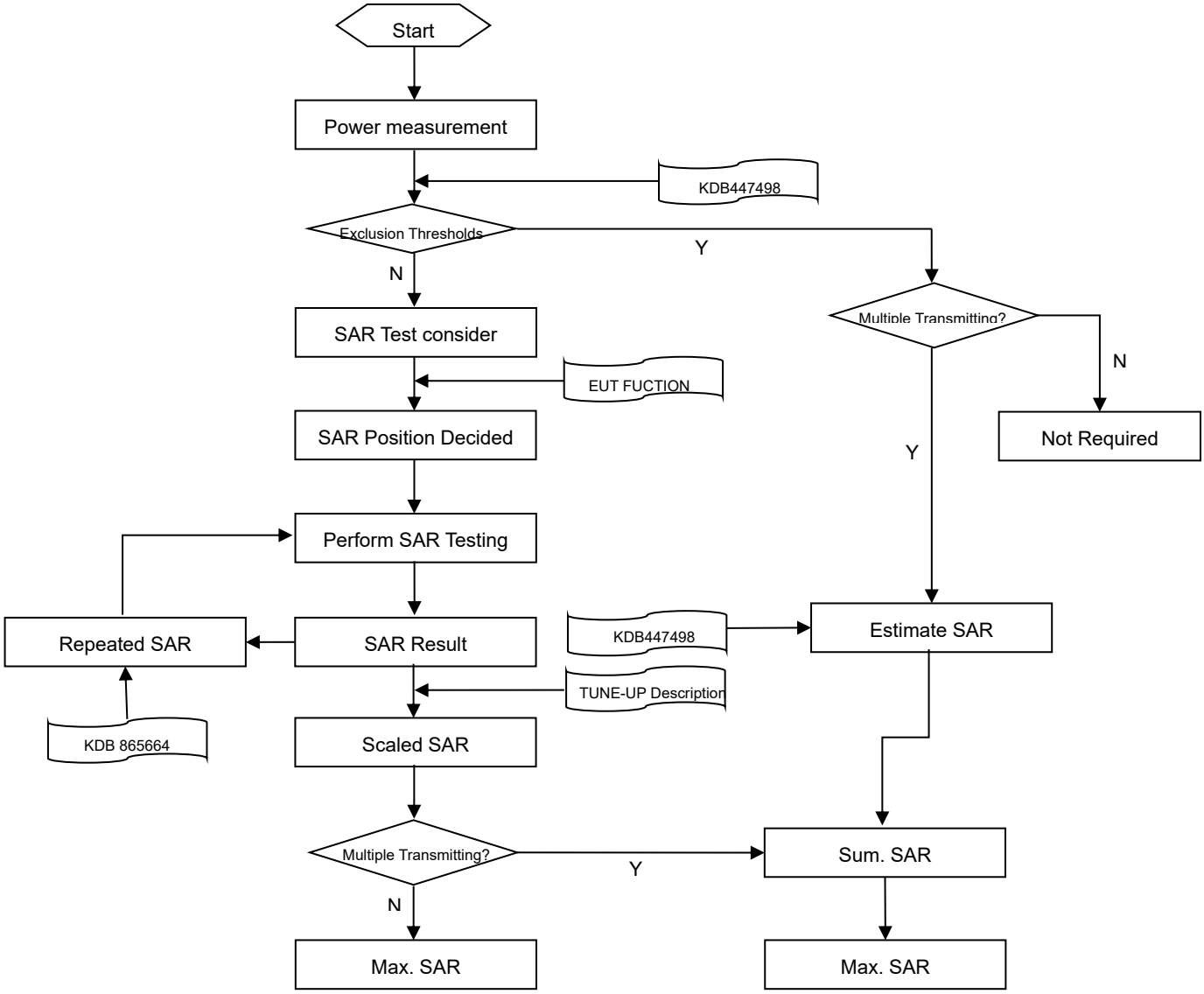
7 MEASUREMENT PROCEDURE

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. Boththe 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.

<table>
<tr><th colspan="3"></th><th>≤3GHz</th><th>>3GHz</th></tr>
<tr><td colspan="3">Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface</td><td>5±1 mm</td><td>½·δ·ln(2)±0.5 mm</td></tr>
<tr><td colspan="3">Maximum probe angle from probe axis to phantom surface normal at the measurement location</td><td>30°±1°</td><td>20°±1°</td></tr>
<tr><td colspan="3" rowspan="2">Maximum area scan spatial resolution: Δx Area , Δy Area</td><td>≤ 2 GHz: ≤ 15 mm
2 – 3 GHz: ≤ 12 mm</td><td>3–4 GHz: ≤ 12 mm
4 – 6 GHz: ≤ 10 mm</td></tr>
<tr><td colspan="2">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.</td></tr>
<tr><td colspan="3">Maximum zoom scan spatial resolution: Δx Zoom , Δy Zoom</td><td>≤ 2 GHz: ≤ 8 mm
2 –3 GHz: ≤ 5 mm*</td><td>3–4 GHz: ≤ 5 mm*
4 – 6 GHz: ≤ 4 mm*</td></tr>
<tr><td rowspan="6">Maximum zoom scan spatial resolution, normal to phantom surface</td><td colspan="2" rowspan="3">uniform grid: Δz Zoom (n)</td><td rowspan="3">≤ 5 mm</td><td>3–4 GHz: ≤ 4 mm</td></tr>
<tr><td>4–5 GHz: ≤ 3 mm</td></tr>
<tr><td>5–6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="3">graded grid</td><td rowspan="2">Δz Zoom (1): between 1st two points closest to phantom surface</td><td rowspan="3">≤ 4 mm</td><td>3–4 GHz: ≤ 3 mm</td></tr>
<tr><td>4–5 GHz: ≤ 2.5 mm</td></tr>
<tr><td>Δz Zoom (n>1): between subsequent points</td><td>5–6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="3">Minimum zoom scan volume</td><td colspan="2" rowspan="3">x, y, z</td><td rowspan="3">≥30 mm</td><td>3–4 GHz: ≥ 28 mm</td></tr>
<tr><td>4–5 GHz: ≥ 25 mm</td></tr>
<tr><td>5–6 GHz: ≥ 22 mm</td></tr>
<tr><td colspan="5">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.</td></tr>
</table>

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 to16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.

d. Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 *32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

7.4 Area & Zoom Scan Procedure

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g. Area scan and zoom scan resolution setting follows KDB 865664 D01v01r04 quoted below.
When the 1 g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

8 CONDUCTED RF OUPUT POWER

8.1 GSM

Please refer the document “BL-SZ2540276-AP Power List.pdf”.

8.2 WCDMA

Please refer the document “BL-SZ2540276-AP Power List.pdf”.

8.3 LTE

Please refer the document “BL-SZ2540276-AP Power List.pdf”.

8.4 WIFI

8.4.1 2.4G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	**13.84**	14.00	Yes
		6	2437	13.56	14.00	No
		11	2462	11.80	13.00	No
	802.11g	1	2412	13.28	14.00	No
		6	2437	13.77	14.00	No
		11	2462	12.79	13.00	No
	802.11n(HT20)	1	2412	12.55	13.00	No
		6	2437	12.82	13.00	No
		11	2462	11.58	12.00	No
	802.11n(HT40)	3	2422	11.47	12.00	No
		6	2437	11.56	12.00	No
		9	2452	9.89	11.00	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) 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 $\leqslant$ 1.2 W/kg, OFDM SAR test is not required.

Adjusted SAR = 0.297 * (25.12mW/25.12mW) = 0.297 W/Kg, so 2.4G OFDM SAR test is not required.

8.4.2 5G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2	802.11a	36	5180	8.45	9.00	No
		44	5220	8.44	9.00	No
		48	5240	8.33	9.00	No
	802.11n(HT20)	36	5180	8.46	9.00	No
		44	5220	8.30	9.00	No
		48	5240	8.66	9.00	No
	802.11n(HT40)	38	5190	8.69	9.00	No
		46	5230	8.60	9.00	No
	802.11ac(VHT20)	36	5180	8.37	9.00	No
		44	5220	8.80	9.00	No
		48	5240	8.69	9.00	No
	802.11ac(VHT40)	38	5190	8.72	9.00	No
		46	5230	8.52	9.00	No
	802.11ac(VHT80)	42	5210	**8.44**	9.00	Yes
5.3	802.11a	52	5260	8.69	9.00	No
		60	5300	8.37	9.00	No
		64	5320	8.46	9.00	No
	802.11n(HT20)	52	5260	8.74	9.00	No
		60	5300	8.62	9.00	No
		64	5320	8.92	9.00	No
	802.11n(HT40)	54	5270	8.46	9.00	No
		62	5310	8.61	9.00	No
	802.11ac(VHT20)	52	5260	8.76	9.00	No
		60	5300	8.65	9.00	No
		64	5320	8.72	9.00	No
	802.11ac(VHT40)	54	5270	8.44	9.00	No
		62	5310	8.54	9.00	No
	802.11ac(VHT80)	58	5290	**8.29**	9.00	Yes
5.6	802.11a	100	5500	8.66	9.00	No
		116	5580	8.58	9.00	No
		140	5700	8.31	9.00	No
	802.11n(HT20)	100	5500	8.59	9.00	No
		116	5580	8.46	9.00	No
		140	5700	8.75	9.00	No
	802.11n(HT40)	102	5510	8.40	9.00	No
		118	5590	8.40	9.00	No

		134	5670	8.75	9.00	No
	802.11ac(VHT20)	100	5500	8.51	9.00	No
		116	5580	8.29	9.00	No
		140	5700	8.57	9.00	No
	802.11ac(VHT40)	102	5510	8.55	9.00	No
		118	5590	8.42	9.00	No
		134	5670	8.44	9.00	No
	802.11ac(VHT80)	106	5530	8.27	9.00	No
		122	5690	**8.44**	9.00	Yes
5.8	802.11a	149	5745	8.69	9.00	No
		157	5785	8.50	9.00	No
		165	5825	8.63	9.00	No
	802.11n(HT20)	149	5745	8.50	9.00	No
		157	5785	8.34	9.00	No
		165	5825	8.49	9.00	No
	802.11n(HT40)	151	5755	8.35	9.00	No
		159	5795	8.38	9.00	No
	802.11ac(VHT20)	149	5745	8.52	9.00	No
		157	5785	8.36	9.00	No
		165	5825	8.46	9.00	No
	802.11ac(VHT40)	151	5755	8.39	9.00	No
		159	5795	8.41	9.00	No
	802.11ac(VHT80)	155	5775	**8.58**	9.00	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.						

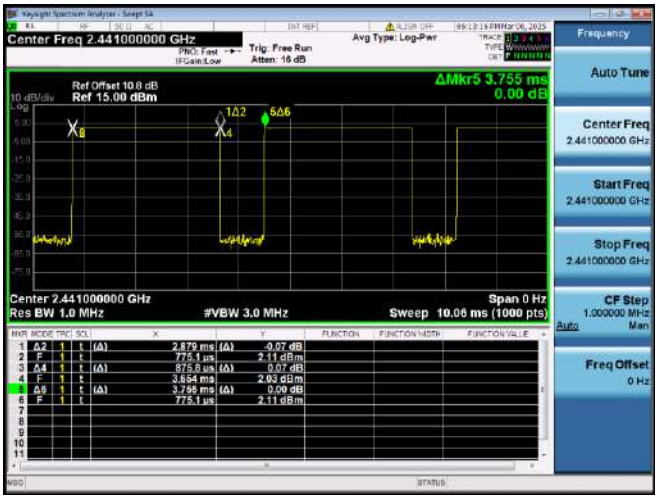
8.5 Bluetooth

Mode	GFSK			π/4-DQPSK		
Channel	0	39	78	0	39	78
Frequency (MHz)	2402	2441	2480	2402	2441	2480
Conducted Power (dBm)	**3.06**	2.34	2.38	2.26	1.64	1.66
Tune-Up Limit (dBm)	5.00	4.00	4.00	4.00	3.00	3.00
SAR Test Require	YES	NO	NO	NO	NO	NO
Mode	8-DPSK			/		
Channel	0	39	78	/	/	/
Frequency (MHz)	2402	2441	2480	/	/	/
Conducted Power (dBm)	2.25	1.66	1.66	/	/	/
Tune-Up Limit (dBm)	4.00	3.00	3.00	/	/	/
SAR Test Require	NO	NO	NO	/	/	/
Mode	BLE-1Mbps			BLE-2Mbps		
Channel	0	19	39	1	19	38
Frequency (MHz)	2402	2440	2480	2404	2440	2478
Conducted Power (dBm)	0.87	0.27	0.34	1.47	0.46	0.54
Tune-Up Limit (dBm)	2.00	2.00	2.00	2.00	2.00	2.00
SAR Test Require	NO	NO	NO	NO	NO	NO
Note 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 ≤ ¼ dB higher than the primary mode.						

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

Duty Cycle

GFSK



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 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 level	Receiver state	Transmitting conditions	Antenna	Position
Level1	On (head scenario)	WWAN Use Only & WWAN + WLAN	WWAN	Head
Level2	Off (Body scenario)	WWAN Use Only & WWAN + WLAN	WWAN	Front Side;Back Side;Left Edge;Right Edge;Top Edge;Bottom Edge

WWAN Antenna Power table

Mode	Antenna	WWAN Antenna				
		Full Power	Receiver on	Receiver off		
			Head	Body-Worn	Hotspot	Specific
			Standalone & Simultaneous transmission	Standalone & Simultaneous transmission	Simultaneous transmission	Standalone & Simultaneous transmission
		Off	Level1	Level2	Level2	Level2
GSM 850	WWAN	34.00	34.00	34.00	34.00	34.00
GPRS850 1 Tx Slot	WWAN	34.00	34.00	34.00	34.00	34.00
GPRS850 2 Tx Slot	WWAN	33.00	33.00	33.00	33.00	33.00
GPRS850 3 Tx Slot	WWAN	31.00	31.00	31.00	31.00	31.00
GPRS850 4 Tx Slot	WWAN	30.00	30.00	30.00	30.00	30.00
EGPRS850 1 Tx Slot	WWAN	29.00	29.00	29.00	29.00	29.00
EGPRS850 2 Tx Slot	WWAN	27.00	27.00	27.00	27.00	27.00
EGPRS850 3 Tx Slot	WWAN	25.00	25.00	25.00	25.00	25.00
EGPRS850 4 Tx Slot	WWAN	24.00	24.00	24.00	24.00	24.00
GSM1900	WWAN	32.00	32.00	30.00	30.00	30.00
GPRS1900 1 Tx Slot	WWAN	32.00	32.00	30.00	30.00	30.00
GPRS1900 2 Tx Slot	WWAN	31.00	31.00	30.00	30.00	30.00
GPRS1900 3 Tx Slot	WWAN	29.00	29.00	28.00	28.00	28.00
GPRS1900 4 Tx Slot	WWAN	28.00	28.00	27.00	27.00	27.00
EGPRS1900 1 Tx Slot	WWAN	29.00	29.00	27.00	27.00	27.00
EGPRS1900 2 Tx Slot	WWAN	28.00	28.00	26.00	26.00	26.00

EGPRS1900 3 Tx Slot	WWAN	26.00	26.00	24.00	24.00	24.00
EGPRS1900 4 Tx Slot	WWAN	24.00	24.00	23.00	23.00	23.00
WCDMA Band2 RMC	WWAN	24.00	24.00	24.00	24.00	24.00
WCDMA Band2 AMR	WWAN	24.00	24.00	24.00	24.00	24.00
HSDPA Subtest-1	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-2	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-3	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-4	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-1	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-2	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-3	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-4	WWAN	22.00	22.00	22.00	22.00	22.00
HSUPA Subtest-1	WWAN	20.00	20.00	20.00	20.00	20.00
HSUPA Subtest-2	WWAN	20.00	20.00	20.00	20.00	20.00
HSUPA Subtest-3	WWAN	21.00	21.00	21.00	21.00	21.00
HSUPA Subtest-4	WWAN	20.00	20.00	20.00	20.00	20.00
HSUPA Subtest-5	WWAN	21.00	21.00	21.00	21.00	21.00
HSPA+(16QAM)	WWAN	20.00	20.00	20.00	20.00	20.00
WCDMA Band4 RMC	WWAN	24.00	24.00	24.00	24.00	24.00
WCDMA Band4 AMR	WWAN	24.00	24.00	24.00	24.00	24.00
HSDPA Subtest-1	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-2	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-3	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-4	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-1	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-2	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-3	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-4	WWAN	22.00	22.00	22.00	22.00	22.00
HSUPA Subtest-1	WWAN	21.00	21.00	21.00	21.00	21.00
HSUPA Subtest-2	WWAN	21.00	21.00	21.00	21.00	21.00
HSUPA Subtest-3	WWAN	21.00	21.00	21.00	21.00	21.00
HSUPA Subtest-4	WWAN	21.00	21.00	21.00	21.00	21.00
HSUPA Subtest-5	WWAN	22.00	22.00	22.00	22.00	22.00
HSPA+(16QAM)	WWAN	21.00	21.00	21.00	21.00	21.00
WCDMA Band5 RMC	WWAN	23.50	23.50	23.50	23.50	23.50
WCDMA Band5 AMR	WWAN	23.50	23.50	23.50	23.50	23.50
HSDPA Subtest-1	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-2	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-3	WWAN	22.00	22.00	22.00	22.00	22.00
HSDPA Subtest-4	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-1	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-2	WWAN	22.00	22.00	22.00	22.00	22.00
DC-HSDPA Subtest-3	WWAN	22.00	22.00	22.00	22.00	22.00

DC-HSDPA Subtest-4	WWAN	22.00	22.00	22.00	22.00	22.00
HSUPA Subtest-1	WWAN	21.50	21.50	21.50	21.50	21.50
HSUPA Subtest-2	WWAN	21.50	21.50	21.50	21.50	21.50
HSUPA Subtest-3	WWAN	21.50	21.50	21.50	21.50	21.50
HSUPA Subtest-4	WWAN	21.00	21.00	21.00	21.00	21.00
HSUPA Subtest-5	WWAN	22.50	22.50	22.50	22.50	22.50
HSPA+(16QAM)	WWAN	20.50	20.50	20.50	20.50	20.50
LTE Band2	WWAN	23.50	23.50	23.50	23.50	23.50
LTE Band4	WWAN	23.50	23.50	23.50	23.50	23.50
LTE Band5	WWAN	23.50	23.50	23.50	23.50	23.50
LTE Band7	WWAN	23.00	23.00	18.50	18.50	18.50
LTE Band12	WWAN	24.50	24.50	24.50	24.50	24.50
LTE Band17	WWAN	24.50	24.50	24.50	24.50	24.50
LTE Band18	WWAN	24.50	24.50	24.50	24.50	24.50
LTE Band19	WWAN	24.50	24.50	24.50	24.50	24.50
LTE Band26	WWAN	23.50	23.50	23.50	23.50	23.50
LTE Band66	WWAN	23.50	23.50	23.50	23.50	23.50
LTE Band38	WWAN	23.50	23.50	23.50	23.50	23.50
LTE Band41	WWAN	23.50	23.50	21.50	21.50	21.50

9 TEST EXCLUSION CONSIDERATION

For antenna location and support bands please refer the document “BL-SZ2540276-AI EUT internal photo.pdf”.

Antenna	Description	Support Bands
WWAN Antenna	2/3/4G TX Antenna	GSM 850/1900 WCDMA Band 2/4/5 LTE Band 2/4/5/7/12/17/18/19/26/66/38/41
WIFI/BT Antenna	WIFI 2.4G TX Antenna WIFI 5G TX Antenna Bluetooth TX Antenna	2.4G WIFI 5G WIFI Bluetooth

Antenna	Front Side(mm)	Back Side(mm)	Left Edge(mm)	Right Edge(mm)	Top Edge(mm)	Bottom Edge(mm)
WWAN	<25	<25	<25	<25	>25	<25
WIFI&BT	<25	<25	<25	>25	<25	>25

Note: 1.Per KDB 941225 D06,When the overall length and width of a device is > 9 cm *5 cm, a test separation distance of 10 mm is required for hotspot mode SAR measurements and hotspot mode SAR is measured for all edges and surfaces of the device with a transmitting antenna located within 25 mm from that surface or edge.

10 TEST RESULT

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

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													
WWAN	Level1	2Slots	Left Cheek	0	251	848.8	0.13	0.209	31.70	33.00	1.349	0.282	/
	Level1		Left Tilt	0	251	848.8	-0.09	0.128	31.70	33.00	1.349	0.173	/
	Level1		Right Cheek	0	251	848.8	0.08	0.284	31.70	33.00	1.349	**0.383**	1#
	Level1		Right Tilt	0	251	848.8	0.08	0.130	31.70	33.00	1.349	0.175	/
Body-worn													
WWAN	Level2	2Slots	Front Side	15	251	848.8	0.05	0.176	31.70	33.00	1.349	0.237	/
	Level2		Back Side	15	251	848.8	-0.03	0.188	31.70	33.00	1.349	**0.254**	2#
Hotspot													
WWAN	Level2	2Slots	Front Side	10	251	848.8	0.03	0.174	31.70	33.00	1.349	0.235	/
	Level2		Back Side	10	251	848.8	-0.05	0.281	31.70	33.00	1.349	**0.379**	3#
	Level2		Left Edge	10	251	848.8	-0.09	0.134	31.70	33.00	1.349	0.181	/
	Level2		Right Edge	10	251	848.8	-0.12	0.102	31.70	33.00	1.349	0.138	/
	Level2		Bottom Edge	10	251	848.8	-0.14	0.129	31.70	33.00	1.349	0.174	/

10.2 GSM 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													
WWAN	Level1	2Slots	Left Cheek	0	512	1850.2	0.00	0.002	30.24	31.00	1.191	0.002	/
	Level1		Left Tilt	0	512	1850.2	0.08	0.001	30.24	31.00	1.191	0.001	/
	Level1		Right Cheek	0	512	1850.2	0.05	0.003	30.24	31.00	1.191	**0.004**	4#
	Level1		Right Tilt	0	512	1850.2	0.06	0.001	30.24	31.00	1.191	0.001	/
Body-worn													
WWAN	Level2	2Slots	Front Side	15	512	1850.2	0.03	0.013	28.85	30.00	1.303	**0.017**	/
	Level2		Back Side	15	512	1850.2	0.05	0.045	28.85	30.00	1.303	0.059	5#
Hotspot													
	Level2		Back Side	10	512	1850.2	0.14	0.103	23.95	25.50	1.429	0.147	/
	Level2		Left Edge	10	512	1850.2	0.11	0.003	23.95	25.50	1.429	0.004	/
	Level2		Right Edge	10	512	1850.2	-0.14	0.002	23.95	25.50	1.429	0.003	/
	Level2		Bottom Edge	10	512	1850.2	0.02	0.144	23.95	25.50	1.429	**0.206**	6#

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													
WWAN	Level1	RMC	Left Cheek	0	9538	1907.6	0.12	0.003	22.24	24.00	1.500	0.005	/
	Level1		Left Tilt	0	9538	1907.6	-0.05	0.001	22.24	24.00	1.500	0.002	/
	Level1		Right Cheek	0	9538	1907.6	-0.15	0.004	22.24	24.00	1.500	**0.006**	7#
	Level1		Right Tilt	0	9538	1907.6	-0.10	0.001	22.24	24.00	1.500	0.002	/
Body-worn													
WWAN	Level2	RMC	Front Side	15	9538	1907.6	0.15	0.019	22.24	24.00	1.500	0.029	/
	Level2		Back Side	15	9538	1907.6	-0.10	0.054	22.24	24.00	1.500	**0.081**	8#
Hotspot													
WWAN	Level2	RMC	Front Side	10	9538	1907.6	0.14	0.046	22.24	24.00	1.500	0.069	/
	Level2		Back Side	10	9538	1907.6	0.00	0.123	22.24	24.00	1.500	0.185	/
	Level2		Left Edge	10	9538	1907.6	0.12	0.005	22.24	24.00	1.500	0.008	/
	Level2		Right Edge	10	9538	1907.6	-0.12	0.004	22.24	24.00	1.500	0.006	/
	Level2		Bottom Edge	10	9538	1907.6	-0.11	0.173	22.24	24.00	1.500	**0.260**	9#

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													
WWAN	Level1	RMC	Left Cheek	0	1312	1712.4	0.06	0.012	22.36	24.00	1.459	0.018	/
	Level1		Left Tilt	0	1312	1712.4	-0.09	0.009	22.36	24.00	1.459	0.013	/
	Level1		Right Cheek	0	1312	1712.4	-0.04	0.021	22.36	24.00	1.459	**0.031**	10#
	Level1		Right Tilt	0	1312	1712.4	-0.09	0.010	22.36	24.00	1.459	0.015	/
Body-worn													
WWAN	Level2	RMC	Front Side	15	1312	1712.4	-0.01	0.051	22.36	24.00	1.459	0.074	/
	Level2		Back Side	15	1312	1712.4	0.07	0.141	22.36	24.00	1.459	**0.206**	11#
Hotspot													
WWAN	Level2	RMC	Front Side	10	1312	1712.4	0.04	0.118	22.36	24.00	1.459	0.172	/
	Level2		Back Side	10	1312	1712.4	-0.04	0.381	22.36	24.00	1.459	0.556	/
	Level2		Left Edge	10	1312	1712.4	-0.04	0.012	22.36	24.00	1.459	0.018	/
	Level2		Right Edge	10	1312	1712.4	0.12	0.010	22.36	24.00	1.459	0.015	/
	Level2		Bottom Edge	10	1312	1712.4	-0.18	0.508	22.36	24.00	1.459	**0.741**	12#

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													
WWAN	Level1	RMC	Left Cheek	0	4132	826.4	0.02	0.128	22.61	23.50	1.227	0.157	/
	Level1		Left Tilt	0	4132	826.4	0.00	0.072	22.61	23.50	1.227	0.088	/
	Level1		Right Cheek	0	4132	826.4	0.16	0.170	22.61	23.50	1.227	**0.209**	13#
	Level1		Right Tilt	0	4132	826.4	-0.15	0.091	22.61	23.50	1.227	0.112	/
Body-worn													
WWAN	Level2	RMC	Front Side	15	4132	826.4	0.03	0.048	22.61	23.50	1.227	0.059	/
	Level2		Back Side	15	4132	826.4	0.16	0.061	22.61	23.50	1.227	**0.075**	14#
Hotspot													
WWAN	Level2	RMC	Front Side	10	4132	826.4	-0.07	0.050	22.61	23.50	1.227	0.061	/
	Level2		Back Side	10	4132	826.4	0.13	0.074	22.61	23.50	1.227	**0.091**	15#
	Level2		Left Edge	10	4132	826.4	0.10	0.047	22.61	23.50	1.227	0.058	/
	Level2		Right Edge	10	4132	826.4	0.07	0.035	22.61	23.50	1.227	0.043	/
	Level2		Bottom Edge	10	4132	826.4	-0.14	0.040	22.61	23.50	1.227	0.049	/

10.6 LTE 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															
WWAN	Level1	QPSK	Left Cheek	0	19100	1900	1	Mid	0.01	0.017	22.49	23.50	1.262	**0.021**	16#
	Level1		Left Tilt	0	19100	1900	1	Mid	-0.10	0.005	22.49	23.50	1.262	0.006	/
	Level1		Right Cheek	0	19100	1900	1	Mid	0.12	0.015	22.49	23.50	1.262	0.019	/
	Level1		Right Tilt	0	19100	1900	1	Mid	-0.15	0.008	22.49	23.50	1.262	0.010	/
	Level1		Left Cheek	0	19100	1900	50	Low	-0.10	0.013	21.47	23.00	1.422	0.018	/
	Level1		Left Tilt	0	19100	1900	50	Low	-0.09	0.004	21.47	23.00	1.422	0.006	/
	Level1		Right Cheek	0	19100	1900	50	Low	0.08	0.014	21.47	23.00	1.422	0.020	/
	Level1		Right Tilt	0	19100	1900	50	Low	-0.08	0.005	21.47	23.00	1.422	0.007	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	19100	1900	1	Mid	-0.04	0.023	22.49	23.50	1.262	0.029	/
	Level2		Back Side	15	19100	1900	1	Mid	0.07	0.062	22.49	23.50	1.262	**0.078**	17#
	Level2		Front Side	15	19100	1900	50	Low	-0.02	0.015	21.47	23.00	1.422	0.021	/
	Level2		Back Side	15	19100	1900	50	Low	0.08	0.047	21.47	23.00	1.422	0.067	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	19100	1900	1	Mid	-0.15	0.056	22.49	23.50	1.262	0.071	/
	Level2		Back Side	10	19100	1900	1	Mid	0.02	0.164	22.49	23.50	1.262	0.207	/
	Level2		Left Edge	10	19100	1900	1	Mid	-0.07	0.003	22.49	23.50	1.262	0.004	/
	Level2		Right Edge	10	19100	1900	1	Mid	0.02	0.011	22.49	23.50	1.262	0.014	/
	Level2		Bottom Edge	10	19100	1900	1	Mid	0.04	0.201	22.49	23.50	1.262	**0.254**	18#
	Level2		Front Side	10	19100	1900	50	Low	-0.12	0.043	21.47	23.00	1.422	0.061	/
	Level2		Back Side	10	19100	1900	50	Low	-0.14	0.129	21.47	23.00	1.422	0.183	/
	Level2		Left Edge	10	19100	1900	50	Low	-0.06	0.001	21.47	23.00	1.422	0.001	/
	Level2		Right Edge	10	19100	1900	50	Low	-0.08	0.008	21.47	23.00	1.422	0.011	/
	Level2		Bottom Edge	10	19100	1900	50	Low	0.12	0.160	21.47	23.00	1.422	0.228	/

10.7 LTE 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															
WWAN	Level1	QPSK	Left Cheek	0	20050	1720	1	Mid	0.13	0.017	22.28	23.50	1.324	**0.023**	19#
	Level1		Left Tilt	0	20050	1720	1	Mid	0.08	0.006	22.28	23.50	1.324	0.008	/
	Level1		Right Cheek	0	20050	1720	1	Mid	0.13	0.016	22.28	23.50	1.324	0.021	/
	Level1		Right Tilt	0	20050	1720	1	Mid	0.05	0.007	22.28	23.50	1.324	0.009	/
	Level1		Left Cheek	0	20050	1720	50	Low	-0.01	0.013	21.25	23.00	1.496	0.019	/
	Level1		Left Tilt	0	20050	1720	50	Low	0.03	0.005	21.25	23.00	1.496	0.007	/
	Level1		Right Cheek	0	20050	1720	50	Low	-0.14	0.013	21.25	23.00	1.496	0.019	/
	Level1		Right Tilt	0	20050	1720	50	Low	-0.15	0.005	21.25	23.00	1.496	0.007	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	20050	1720	1	Mid	-0.04	0.068	22.28	23.50	1.324	0.090	/
	Level2		Back Side	15	20050	1720	1	Mid	0.03	0.187	22.28	23.50	1.324	**0.248**	20#
	Level2		Front Side	15	20050	1720	50	Low	0.02	0.054	21.25	23.00	1.496	0.081	/
	Level2		Back Side	15	20050	1720	50	Low	0.05	0.145	21.25	23.00	1.496	0.217	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	20050	1720	1	Mid	0.13	0.131	22.28	23.50	1.324	0.173	/
	Level2		Back Side	10	20050	1720	1	Mid	-0.07	0.421	22.28	23.50	1.324	0.557	/
	Level2		Left Edge	10	20050	1720	1	Mid	0.08	0.005	22.28	23.50	1.324	0.007	/
	Level2		Right Edge	10	20050	1720	1	Mid	0.06	0.043	22.28	23.50	1.324	0.057	/
	Level2		Bottom Edge	10	20050	1720	1	Mid	0.16	0.565	22.28	23.50	1.324	**0.748**	21#
	Level2		Front Side	10	20050	1720	50	Low	0.08	0.096	21.25	23.00	1.496	0.144	/
	Level2		Back Side	10	20050	1720	50	Low	0.10	0.304	21.25	23.00	1.496	0.455	/
	Level2		Left Edge	10	20050	1720	50	Low	-0.01	0.003	21.25	23.00	1.496	0.004	/
	Level2		Right Edge	10	20050	1720	50	Low	0.08	0.031	21.25	23.00	1.496	0.046	/
	Level2		Bottom Edge	10	20050	1720	50	Low	0.05	0.420	21.25	23.00	1.496	0.628	/

10.8 LTE 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															
WWAN	Level1	QPSK	Left Cheek	0	20450	829	1	Mid	0.04	0.140	23.04	23.50	1.112	0.156	/
	Level1		Left Tilt	0	20450	829	1	Mid	0.05	0.080	23.04	23.50	1.112	0.089	/
	Level1		Right Cheek	0	20450	829	1	Mid	0.03	0.149	23.04	23.50	1.112	**0.166**	22#
	Level1		Right Tilt	0	20450	829	1	Mid	-0.03	0.092	23.04	23.50	1.112	0.102	/
	Level1		Left Cheek	0	20450	829	25	Low	-0.08	0.114	21.97	23.00	1.268	0.145	/
	Level1		Left Tilt	0	20450	829	25	Low	0.04	0.065	21.97	23.00	1.268	0.082	/
	Level1		Right Cheek	0	20450	829	25	Low	0.03	0.121	21.97	23.00	1.268	0.153	/
	Level1		Right Tilt	0	20450	829	25	Low	0.00	0.067	21.97	23.00	1.268	0.085	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	20450	829	1	Mid	-0.13	0.137	23.04	23.50	1.112	0.152	/
	Level2		Back Side	15	20450	829	1	Mid	-0.04	0.151	23.04	23.50	1.112	**0.168**	23#
	Level2		Front Side	15	20450	829	25	Low	-0.12	0.108	21.97	23.00	1.268	0.137	/
	Level2		Back Side	15	20450	829	25	Low	-0.10	0.121	21.97	23.00	1.268	0.153	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	20450	829	1	Mid	0.12	0.107	23.04	23.50	1.112	0.119	/
	Level2		Back Side	10	20450	829	1	Mid	-0.03	0.159	23.04	23.50	1.112	**0.177**	24#
	Level2		Left Edge	10	20450	829	1	Mid	0.03	0.097	23.04	23.50	1.112	0.108	/
	Level2		Right Edge	10	20450	829	1	Mid	-0.14	0.073	23.04	23.50	1.112	0.081	/
	Level2		Bottom Edge	10	20450	829	1	Mid	0.06	0.085	23.04	23.50	1.112	0.095	/
	Level2		Front Side	10	20450	829	25	Low	0.08	0.085	21.97	23.00	1.268	0.108	/
	Level2		Back Side	10	20450	829	25	Low	0.00	0.126	21.97	23.00	1.268	0.160	/
	Level2		Left Edge	10	20450	829	25	Low	-0.03	0.078	21.97	23.00	1.268	0.099	/
	Level2		Right Edge	10	20450	829	25	Low	-0.04	0.059	21.97	23.00	1.268	0.075	/
	Level2		Bottom Edge	10	20450	829	25	Low	0.06	0.068	21.97	23.00	1.268	0.086	/

10.9 LTE 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															
WWAN	Level1	QPSK	Left Cheek	0	21100	2535	1	Mid	0.09	0.063	22.02	23.00	1.253	**0.079**	25#
	Level1		Left Tilt	0	21100	2535	1	Mid	-0.08	0.050	22.02	23.00	1.253	0.063	/
	Level1		Right Cheek	0	21100	2535	1	Mid	-0.14	0.054	22.02	23.00	1.253	0.068	/
	Level1		Right Tilt	0	21100	2535	1	Mid	0.14	0.035	22.02	23.00	1.253	0.044	/
	Level1		Left Cheek	0	20850	2510	50	High	0.12	0.059	21.36	22.50	1.300	0.077	/
	Level1		Left Tilt	0	20850	2510	50	High	0.10	0.048	21.36	22.50	1.300	0.062	/
	Level1		Right Cheek	0	20850	2510	50	High	0.11	0.052	21.36	22.50	1.300	0.068	/
	Level1		Right Tilt	0	20850	2510	50	High	0.01	0.033	21.36	22.50	1.300	0.043	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	21100	2535	1	Mid	0.02	0.124	17.55	18.50	1.245	0.154	/
	Level2		Back Side	15	21100	2535	1	Mid	0.07	0.266	17.55	18.50	1.245	**0.331**	26#
	Level2		Front Side	15	21100	2535	50	Low	0.12	0.121	17.59	18.50	1.233	0.149	/
	Level2		Back Side	15	21100	2535	50	Low	0.05	0.235	17.59	18.50	1.233	0.290	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	21100	2535	1	Mid	-0.09	0.146	17.55	18.50	1.245	0.182	/
	Level2		Back Side	10	21100	2535	1	Mid	0.00	0.293	17.55	18.50	1.245	**0.365**	27#
	Level2		Left Edge	10	21100	2535	1	Mid	0.06	0.057	17.55	18.50	1.245	0.071	/
	Level2		Right Edge	10	21100	2535	1	Mid	-0.11	0.062	17.55	18.50	1.245	0.077	/
	Level2		Bottom Edge	10	21100	2535	1	Mid	-0.11	0.289	17.55	18.50	1.245	0.360	/
	Level2		Front Side	10	21100	2535	50	Low	-0.01	0.142	17.59	18.50	1.233	0.175	/
	Level2		Back Side	10	21100	2535	50	Low	-0.11	0.290	17.59	18.50	1.233	0.358	/
	Level2		Left Edge	10	21100	2535	50	Low	-0.08	0.056	17.59	18.50	1.233	0.069	/
	Level2		Right Edge	10	21100	2535	50	Low	-0.09	0.059	17.59	18.50	1.233	0.073	/
	Level2		Bottom Edge	10	21100	2535	50	Low	-0.09	0.283	17.59	18.50	1.233	0.349	/

10.10 LTE Band 12 (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															
WWAN	Level1	QPSK	Left Cheek	0	23095	707.5	1	High	0.04	0.161	22.79	24.50	1.483	0.239	/
	Level1		Left Tilt	0	23095	707.5	1	High	-0.01	0.089	22.79	24.50	1.483	0.132	/
	Level1		Right Cheek	0	23095	707.5	1	High	-0.05	0.190	22.79	24.50	1.483	**0.282**	28#
	Level1		Right Tilt	0	23095	707.5	1	High	-0.02	0.086	22.79	24.50	1.483	0.128	/
	Level1		Left Cheek	0	23130	711	25	Low	-0.02	0.130	21.72	23.50	1.507	0.196	/
	Level1		Left Tilt	0	23130	711	25	Low	-0.03	0.070	21.72	23.50	1.507	0.105	/
	Level1		Right Cheek	0	23130	711	25	Low	-0.10	0.149	21.72	23.50	1.507	0.225	/
	Level1		Right Tilt	0	23130	711	25	Low	-0.12	0.069	21.72	23.50	1.507	0.104	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	23095	707.5	1	High	-0.09	0.247	22.79	24.50	1.483	0.366	/
	Level2		Back Side	15	23095	707.5	1	High	-0.06	0.287	22.79	24.50	1.483	**0.426**	29#
	Level2		Front Side	15	23130	711	25	Low	-0.14	0.192	21.72	23.50	1.507	0.289	/
	Level2		Back Side	15	23130	711	25	Low	-0.02	0.222	21.72	23.50	1.507	0.335	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	23095	707.5	1	High	0.07	0.213	22.79	24.50	1.483	0.316	/
	Level2		Back Side	10	23095	707.5	1	High	-0.03	0.317	22.79	24.50	1.483	**0.470**	30#
	Level2		Left Edge	10	23095	707.5	1	High	0.08	0.293	22.79	24.50	1.483	0.435	/
	Level2		Right Edge	10	23095	707.5	1	High	-0.10	0.240	22.79	24.50	1.483	0.356	/
	Level2		Bottom Edge	10	23095	707.5	1	High	0.00	0.128	22.79	24.50	1.483	0.190	/
	Level2		Front Side	10	23130	711	25	Low	0.05	0.161	21.72	23.50	1.507	0.243	/
	Level2		Back Side	10	23130	711	25	Low	-0.05	0.244	21.72	23.50	1.507	0.368	/
	Level2		Left Edge	10	23130	711	25	Low	0.13	0.217	21.72	23.50	1.507	0.327	/
	Level2		Right Edge	10	23130	711	25	Low	0.12	0.185	21.72	23.50	1.507	0.279	/
	Level2		Bottom Edge	10	23130	711	25	Low	0.04	0.098	21.72	23.50	1.507	0.148	/

10.11 LTE Band 17 (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															
WWAN	Level1	QPSK	Left Cheek	0	23790	710	1	Low	-0.02	0.170	22.79	24.50	1.483	0.252	/
	Level1		Left Tilt	0	23790	710	1	Low	-0.06	0.090	22.79	24.50	1.483	0.133	/
	Level1		Right Cheek	0	23790	710	1	Low	0.02	0.195	22.79	24.50	1.483	**0.289**	31#
	Level1		Right Tilt	0	23790	710	1	Low	0.11	0.089	22.79	24.50	1.483	0.132	/
	Level1		Left Cheek	0	23790	710	25	Low	-0.05	0.134	21.79	23.50	1.483	0.199	/
	Level1		Left Tilt	0	23790	710	25	Low	-0.04	0.072	21.79	23.50	1.483	0.107	/
	Level1		Right Cheek	0	23790	710	25	Low	0.04	0.154	21.79	23.50	1.483	0.228	/
	Level1		Right Tilt	0	23790	710	25	Low	0.08	0.069	21.79	23.50	1.483	0.102	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	23790	710	1	Low	0.05	0.263	22.79	24.50	1.483	0.390	/
	Level2		Back Side	15	23790	710	1	Low	-0.05	0.304	22.79	24.50	1.483	**0.451**	32#
	Level2		Front Side	15	23790	710	25	Low	0.00	0.206	21.79	23.50	1.483	0.305	/
	Level2		Back Side	15	23790	710	25	Low	0.16	0.237	21.79	23.50	1.483	0.351	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	23790	710	1	Low	0.15	0.214	22.79	24.50	1.483	0.317	/
	Level2		Back Side	10	23790	710	1	Low	0.05	0.316	22.79	24.50	1.483	**0.469**	33#
	Level2		Left Edge	10	23790	710	1	Low	-0.12	0.287	22.79	24.50	1.483	0.426	/
	Level2		Right Edge	10	23790	710	1	Low	-0.01	0.241	22.79	24.50	1.483	0.357	/
	Level2		Bottom Edge	10	23790	710	1	Low	0.02	0.101	22.79	24.50	1.483	0.150	/
	Level2		Front Side	10	23790	710	25	Low	0.04	0.166	21.79	23.50	1.483	0.246	/
	Level2		Back Side	10	23790	710	25	Low	-0.06	0.252	21.79	23.50	1.483	0.374	/
	Level2		Left Edge	10	23790	710	25	Low	-0.08	0.222	21.79	23.50	1.483	0.329	/
	Level2		Right Edge	10	23790	710	25	Low	-0.14	0.186	21.79	23.50	1.483	0.276	/
	Level2		Bottom Edge	10	23790	710	25	Low	0.04	0.088	21.79	23.50	1.483	0.131	

10.12 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															
WWAN	Level1	QPSK	Left Cheek	0	23925	822.5	1	Mid	-0.05	0.172	23.10	24.50	1.380	0.237	/
	Level1		Left Tilt	0	23925	822.5	1	Mid	0.04	0.098	23.10	24.50	1.380	0.135	/
	Level1		Right Cheek	0	23925	822.5	1	Mid	-0.08	0.199	23.10	24.50	1.380	**0.275**	34#
	Level1		Right Tilt	0	23925	822.5	1	Mid	0.14	0.112	23.10	24.50	1.380	0.155	/
	Level1		Left Cheek	0	23925	822.5	36	Mid	0.04	0.140	22.03	23.50	1.403	0.196	/
	Level1		Left Tilt	0	23925	822.5	36	Mid	0.09	0.079	22.03	23.50	1.403	0.111	/
	Level1		Right Cheek	0	23925	822.5	36	Mid	-0.07	0.148	22.03	23.50	1.403	0.208	/
	Level1		Right Tilt	0	23925	822.5	36	Mid	-0.15	0.091	22.03	23.50	1.403	0.128	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	23925	822.5	1	Mid	0.08	0.169	23.10	24.50	1.380	0.233	/
	Level2		Back Side	15	23925	822.5	1	Mid	-0.08	0.192	23.10	24.50	1.380	**0.265**	35#
	Level2		Front Side	15	23925	822.5	36	Mid	-0.14	0.144	22.03	23.50	1.403	0.202	/
	Level2		Back Side	15	23925	822.5	36	Mid	0.14	0.163	22.03	23.50	1.403	0.229	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	23925	822.5	1	Mid	0.02	0.173	23.10	24.50	1.380	0.239	/
	Level2		Back Side	10	23925	822.5	1	Mid	-0.03	0.247	23.10	24.50	1.380	**0.341**	36#
	Level2		Left Edge	10	23925	822.5	1	Mid	0.15	0.161	23.10	24.50	1.380	0.222	/
	Level2		Right Edge	10	23925	822.5	1	Mid	-0.02	0.126	23.10	24.50	1.380	0.174	/
	Level2		Bottom Edge	10	23925	822.5	1	Mid	0.03	0.104	23.10	24.50	1.380	0.144	/
	Level2		Front Side	10	23925	822.5	36	Mid	0.14	0.143	22.03	23.50	1.403	0.201	/
	Level2		Back Side	10	23925	822.5	36	Mid	0.06	0.201	22.03	23.50	1.403	0.282	/
	Level2		Left Edge	10	23925	822.5	36	Mid	-0.04	0.137	22.03	23.50	1.403	0.192	/
	Level2		Right Edge	10	23925	822.5	36	Mid	-0.02	0.110	22.03	23.50	1.403	0.154	/
	Level2		Bottom Edge	10	23925	822.5	36	Mid	0.07	0.084	22.03	23.50	1.403	0.118	/

10.13 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															
WWAN	Level1	QPSK	Left Cheek	0	24075	837.5	1	Mid	0.04	0.128	23.04	24.50	1.400	0.179	/
	Level1		Left Tilt	0	24075	837.5	1	Mid	0.05	0.072	23.04	24.50	1.400	0.101	/
	Level1		Right Cheek	0	24075	837.5	1	Mid	0.03	0.151	23.04	24.50	1.400	**0.211**	37#
	Level1		Right Tilt	0	24075	837.5	1	Mid	0.08	0.087	23.04	24.50	1.400	0.122	/
	Level1		Left Cheek	0	24075	837.5	36	Low	-0.05	0.103	21.87	23.50	1.455	0.150	/
	Level1		Left Tilt	0	24075	837.5	36	Low	-0.12	0.057	21.87	23.50	1.455	0.083	/
	Level1		Right Cheek	0	24075	837.5	36	Low	0.00	0.122	21.87	23.50	1.455	0.178	/
	Level1		Right Tilt	0	24075	837.5	36	Low	0.09	0.070	21.87	23.50	1.455	0.102	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	24075	837.5	1	Mid	-0.05	0.125	23.04	24.50	1.400	0.175	/
	Level2		Back Side	15	24075	837.5	1	Mid	-0.02	0.142	23.04	24.50	1.400	**0.199**	38#
	Level2		Front Side	15	24075	837.5	36	Low	0.04	0.105	21.87	23.50	1.455	0.153	/
	Level2		Back Side	15	24075	837.5	36	Low	0.10	0.119	21.87	23.50	1.455	0.173	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	24075	837.5	1	Mid	-0.12	0.130	23.04	24.50	1.400	0.182	/
	Level2		Back Side	10	24075	837.5	1	Mid	-0.19	0.187	23.04	24.50	1.400	**0.262**	39#
	Level2		Left Edge	10	24075	837.5	1	Mid	0.08	0.113	23.04	24.50	1.400	0.158	/
	Level2		Right Edge	10	24075	837.5	1	Mid	0.03	0.085	23.04	24.50	1.400	0.119	/
	Level2		Bottom Edge	10	24075	837.5	1	Mid	-0.05	0.097	23.04	24.50	1.400	0.136	/
	Level2		Front Side	10	24075	837.5	36	Low	-0.13	0.107	21.87	23.50	1.455	0.156	/
	Level2		Back Side	10	24075	837.5	36	Low	0.03	0.149	21.87	23.50	1.455	0.217	/
	Level2		Left Edge	10	24075	837.5	36	Low	-0.06	0.093	21.87	23.50	1.455	0.135	/
	Level2		Right Edge	10	24075	837.5	36	Low	-0.14	0.070	21.87	23.50	1.455	0.102	/
	Level2		Bottom Edge	10	24075	837.5	36	Low	0.08	0.079	21.87	23.50	1.455	0.115	/

10.14 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															
WWAN	Level1	QPSK	Left Cheek	0	26865	831.5	1	Mid	-0.12	0.146	22.89	23.50	1.151	0.168	/
	Level1		Left Tilt	0	26865	831.5	1	Mid	0.13	0.082	22.89	23.50	1.151	0.094	/
	Level1		Right Cheek	0	26865	831.5	1	Mid	-0.01	0.168	22.89	23.50	1.151	**0.193**	40#
	Level1		Right Tilt	0	26865	831.5	1	Mid	-0.01	0.101	22.89	23.50	1.151	0.116	/
	Level1		Left Cheek	0	26765	821.5	36	Mid	-0.15	0.116	21.99	23.00	1.262	0.146	/
	Level1		Left Tilt	0	26765	821.5	36	Mid	0.12	0.066	21.99	23.00	1.262	0.083	/
	Level1		Right Cheek	0	26765	821.5	36	Mid	-0.10	0.136	21.99	23.00	1.262	0.172	/
	Level1		Right Tilt	0	26765	821.5	36	Mid	0.16	0.079	21.99	23.00	1.262	0.100	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	26865	831.5	1	Mid	-0.02	0.152	22.89	23.50	1.151	0.175	/
	Level2		Back Side	15	26865	831.5	1	Mid	-0.11	0.171	22.89	23.50	1.151	**0.197**	41#
	Level2		Front Side	15	26765	821.5	36	Mid	0.12	0.127	21.99	23.00	1.262	0.160	/
	Level2		Back Side	15	26765	821.5	36	Mid	0.05	0.144	21.99	23.00	1.262	0.182	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	26865	831.5	1	Mid	-0.02	0.147	22.89	23.50	1.151	0.169	/
	Level2		Back Side	10	26865	831.5	1	Mid	-0.06	0.209	22.89	23.50	1.151	**0.241**	42#
	Level2		Left Edge	10	26865	831.5	1	Mid	0.14	0.133	22.89	23.50	1.151	0.153	/
	Level2		Right Edge	10	26865	831.5	1	Mid	0.09	0.102	22.89	23.50	1.151	0.117	/
	Level2		Bottom Edge	10	26865	831.5	1	Mid	0.12	0.112	22.89	23.50	1.151	0.129	/
	Level2		Front Side	10	26765	821.5	36	Mid	-0.06	0.119	21.99	23.00	1.262	0.150	/
	Level2		Back Side	10	26765	821.5	36	Mid	-0.03	0.173	21.99	23.00	1.262	0.218	/
	Level2		Left Edge	10	26765	821.5	36	Mid	0.08	0.110	21.99	23.00	1.262	0.139	/
	Level2		Right Edge	10	26765	821.5	36	Mid	-0.02	0.086	21.99	23.00	1.262	0.109	/
	Level2		Bottom Edge	10	26765	821.5	36	Mid	-0.09	0.090	21.99	23.00	1.262	0.114	/

10.15 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															
WWAN	Level1	QPSK	Left Cheek	0	132072	1720	1	Mid	0.10	0.005	22.42	23.50	1.282	0.006	/
	Level1		Left Tilt	0	132072	1720	1	Mid	0.10	0.003	22.42	23.50	1.282	0.004	/
	Level1		Right Cheek	0	132072	1720	1	Mid	0.02	0.007	22.42	23.50	1.282	**0.009**	43#
	Level1		Right Tilt	0	132072	1720	1	Mid	0.08	0.003	22.42	23.50	1.282	0.004	/
	Level1		Left Cheek	0	132072	1720	50	High	-0.12	0.005	21.36	23.00	1.459	0.007	/
	Level1		Left Tilt	0	132072	1720	50	High	0.04	0.001	21.36	23.00	1.459	0.001	/
	Level1		Right Cheek	0	132072	1720	50	High	-0.10	0.005	21.36	23.00	1.459	0.007	/
	Level1		Right Tilt	0	132072	1720	50	High	0.08	0.002	21.36	23.00	1.459	0.003	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	132072	1720	1	Mid	0.16	0.055	22.42	23.50	1.282	0.071	/
	Level2		Back Side	15	132072	1720	1	Mid	0.08	0.159	22.42	23.50	1.282	**0.204**	44#
	Level2		Front Side	15	132072	1720	50	High	-0.05	0.048	21.36	23.00	1.459	0.070	/
	Level2		Back Side	15	132072	1720	50	High	0.10	0.132	21.36	23.00	1.459	0.193	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	132072	1720	1	Mid	0.08	0.169	22.42	23.50	1.282	0.217	/
	Level2		Back Side	10	132072	1720	1	Mid	0.00	0.543	22.42	23.50	1.282	0.696	/
	Level2		Left Edge	10	132072	1720	1	Mid	-0.14	0.008	22.42	23.50	1.282	0.010	/
	Level2		Right Edge	10	132072	1720	1	Mid	0.13	0.039	22.42	23.50	1.282	0.050	/
	Level2		Bottom Edge	10	132072	1720	1	Mid	0.12	0.586	22.42	23.50	1.282	**0.751**	45#
	Level2		Front Side	10	132072	1720	50	High	-0.08	0.142	21.36	23.00	1.459	0.207	/
	Level2		Back Side	10	132072	1720	50	High	0.13	0.455	21.36	23.00	1.459	0.664	/
	Level2		Left Edge	10	132072	1720	50	High	0.12	0.004	21.36	23.00	1.459	0.006	/
	Level2		Right Edge	10	132072	1720	50	High	-0.12	0.032	21.36	23.00	1.459	0.047	/
	Level2		Bottom Edge	10	132072	1720	50	High	-0.15	0.494	21.36	23.00	1.459	0.721	/

10.16 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															
WWAN	Level1	QPSK	Left Cheek	0	38150	2610	1	Mid	0.13	0.073	23.09	23.50	1.099	0.080	/
	Level1		Left Tilt	0	38150	2610	1	Mid	0.06	0.055	23.09	23.50	1.099	0.060	/
	Level1		Right Cheek	0	38150	2610	1	Mid	0.11	0.074	23.09	23.50	1.099	**0.081**	46#
	Level1		Right Tilt	0	38150	2610	1	Mid	-0.12	0.052	23.09	23.50	1.099	0.057	/
	Level1		Left Cheek	0	38150	2610	50	Low	-0.07	0.059	21.95	23.00	1.274	0.075	/
	Level1		Left Tilt	0	38150	2610	50	Low	0.10	0.052	21.95	23.00	1.274	0.066	/
	Level1		Right Cheek	0	38150	2610	50	Low	0.05	0.061	21.95	23.00	1.274	0.078	/
	Level1		Right Tilt	0	38150	2610	50	Low	-0.15	0.046	21.95	23.00	1.274	0.059	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	38150	2610	1	Mid	0.02	0.128	23.09	23.50	1.099	0.141	/
	Level2		Back Side	15	38150	2610	1	Mid	0.08	0.209	23.09	23.50	1.099	**0.230**	47#
	Level2		Front Side	15	38150	2610	50	Low	-0.09	0.103	21.95	23.00	1.274	0.131	/
	Level2		Back Side	15	38150	2610	50	Low	-0.03	0.179	21.95	23.00	1.274	0.228	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	38150	2610	1	Mid	0.09	0.251	23.09	23.50	1.099	0.276	/
	Level2		Back Side	10	38150	2610	1	Mid	-0.11	0.472	23.09	23.50	1.099	0.519	/
	Level2		Left Edge	10	38150	2610	1	Mid	0.10	0.067	23.09	23.50	1.099	0.074	/
	Level2		Right Edge	10	38150	2610	1	Mid	-0.02	0.079	23.09	23.50	1.099	0.087	/
	Level2		Bottom Edge	10	38150	2610	1	Mid	0.08	0.478	23.09	23.50	1.099	**0.525**	48#
	Level2		Front Side	10	38150	2610	50	Low	-0.12	0.200	21.95	23.00	1.274	0.255	/
	Level2		Back Side	10	38150	2610	50	Low	0.08	0.397	21.95	23.00	1.274	0.506	/
	Level2		Left Edge	10	38150	2610	50	Low	0.10	0.050	21.95	23.00	1.274	0.064	/
	Level2		Right Edge	10	38150	2610	50	Low	-0.07	0.062	21.95	23.00	1.274	0.079	/
	Level2		Bottom Edge	10	38150	2610	50	Low	-0.08	0.406	21.95	23.00	1.274	0.517	/

10.17 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															
WWAN	Level1	QPSK	Left Cheek	0	41490	2680	1	Mid	0.03	0.051	22.65	23.50	1.216	0.062	/
	Level1		Left Tilt	0	41490	2680	1	Mid	0.15	0.039	22.65	23.50	1.216	0.047	/
	Level1		Right Cheek	0	41490	2680	1	Mid	0.01	0.053	22.65	23.50	1.216	**0.064**	49#
	Level1		Right Tilt	0	41490	2680	1	Mid	0.03	0.030	22.65	23.50	1.216	0.036	/
	Level1		Left Cheek	0	40620	2593	50	Low	-0.13	0.041	21.66	23.00	1.361	0.056	/
	Level1		Left Tilt	0	40620	2593	50	Low	-0.06	0.037	21.66	23.00	1.361	0.050	/
	Level1		Right Cheek	0	40620	2593	50	Low	0.00	0.034	21.66	23.00	1.361	0.046	/
	Level1		Right Tilt	0	40620	2593	50	Low	0.10	0.032	21.66	23.00	1.361	0.044	/
Body-worn															
WWAN	Level2	QPSK	Front Side	15	41490	2680	1	Mid	-0.04	0.121	21.34	21.50	1.038	0.126	/
	Level2		Back Side	15	41490	2680	1	Mid	0.00	0.197	21.34	21.50	1.038	**0.204**	50#
	Level2		Front Side	15	41490	2680	50	Mid	-0.03	0.099	21.18	21.50	1.076	0.107	/
	Level2		Back Side	15	41490	2680	50	Mid	0.08	0.158	21.18	21.50	1.076	0.170	/
Hotspot															
WWAN	Level2	QPSK	Front Side	10	41490	2680	1	Mid	0.04	0.322	21.34	21.50	1.038	0.334	/
	Level2		Back Side	10	41490	2680	1	Mid	0.02	0.595	21.34	21.50	1.038	0.618	/
	Level2		Left Edge	10	41490	2680	1	Mid	0.13	0.083	21.34	21.50	1.038	0.086	/
	Level2		Right Edge	10	41490	2680	1	Mid	0.03	0.095	21.34	21.50	1.038	0.099	/
	Level2		Bottom Edge	10	41490	2680	1	Mid	-0.16	0.639	21.34	21.50	1.038	**0.663**	51#
	Level2		Front Side	10	41490	2680	50	Mid	-0.09	0.259	21.18	21.50	1.076	0.279	/
	Level2		Back Side	10	41490	2680	50	Mid	0.10	0.478	21.18	21.50	1.076	0.514	/
	Level2		Left Edge	10	41490	2680	50	Mid	-0.13	0.066	21.18	21.50	1.076	0.071	/
	Level2		Right Edge	10	41490	2680	50	Mid	-0.07	0.074	21.18	21.50	1.076	0.080	/
	Level2		Bottom Edge	10	41490	2680	50	Mid	-0.10	0.511	21.18	21.50	1.076	0.550	/

10.18 WIFI 2.4GHz

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														
WIFI	802.11 b	Left Cheek	0	1	2412	-0.03	0.281	13.84	14.00	1.038	99.30	1.007	**0.294**	52#
		Left Tilt	0	1	2412	-0.03	0.271	13.84	14.00	1.038	99.30	1.007	0.283	/
		Right Cheek	0	1	2412	0.06	0.150	13.84	14.00	1.038	99.30	1.007	0.157	/
		Right Tilt	0	1	2412	-0.02	0.174	13.84	14.00	1.038	99.30	1.007	0.182	/
Body-worn														
WIFI	802.11 b	Front Side	15	1	2412	-0.14	0.074	13.84	14.00	1.038	99.30	1.007	0.077	/
		Back Side	15	1	2412	-0.03	0.119	13.84	14.00	1.038	99.30	1.007	**0.124**	53#
Hotspot														
WIFI	802.11 b	Front Side	10	1	2412	-0.1	0.279	13.84	14.00	1.038	99.30	1.007	0.292	/
		Back Side	10	1	2412	0.08	0.284	13.84	14.00	1.038	99.30	1.007	**0.297**	54#
		Left Edge	10	1	2412	0.02	0.230	13.84	14.00	1.038	99.30	1.007	0.240	/
		Top Edge	10	1	2412	0.05	0.225	13.84	14.00	1.038	99.30	1.007	0.235	/

10.19 WIFI 5GHz

Antenna	Band	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															
WIFI	5.3G	802.11ac(VHT80)	Left Cheek	0	58	5290	0.02	0.047	8.29	9.00	1.178	87.80	1.139	**0.063**	55#
			Left Tilt	0	58	5290	-0.08	0.045	8.29	9.00	1.178	87.80	1.139	0.060	/
			Right Cheek	0	58	5290	-0.11	0.019	8.29	9.00	1.178	87.80	1.139	0.025	/
			Right Tilt	0	58	5290	-0.06	0.021	8.29	9.00	1.178	87.80	1.139	0.028	/
WIFI	5.6G	802.11ac(VHT80)	Left Cheek	0	122	5610	0.03	0.044	8.44	9.00	1.138	87.80	1.139	**0.057**	56#
			Left Tilt	0	122	5610	0.09	0.042	8.44	9.00	1.138	87.80	1.139	0.054	/
			Right Cheek	0	122	5610	-0.08	0.026	8.44	9.00	1.138	87.80	1.139	0.034	/
			Right Tilt	0	122	5610	-0.11	0.012	8.44	9.00	1.138	87.80	1.139	0.016	/
WIFI	5.8G	802.11ac(VHT80)	Left Cheek	0	155	5775	0.11	0.009	8.58	9.00	1.102	87.80	1.139	0.011	/
			Left Tilt	0	155	5775	0.09	0.010	8.58	9.00	1.102	87.80	1.139	**0.013**	57#
			Right Cheek	0	155	5775	0.13	0.004	8.58	9.00	1.102	87.80	1.139	0.005	/
			Right Tilt	0	155	5775	-0.10	0.004	8.58	9.00	1.102	87.80	1.139	0.005	/
Body-worn															
WIFI	5.3G	802.11ac(VHT80)	Front Side	15	58	5290	-0.05	0.039	8.29	9.00	1.178	87.80	1.139	0.052	/
			Back Side	15	58	5290	0.03	0.042	8.29	9.00	1.178	87.80	1.139	**0.056**	58#
WIFI	5.6G	802.11ac(VHT80)	Front Side	15	122	5610	0.06	0.048	8.44	9.00	1.138	87.80	1.139	0.062	/
			Back Side	15	122	5610	0.04	0.066	8.44	9.00	1.138	87.80	1.139	**0.086**	59#
WIFI	5.8G	802.11ac(VHT80)	Front Side	15	155	5775	0.12	0.013	8.58	9.00	1.102	87.80	1.139	0.016	/
			Back Side	15	155	5775	-0.02	0.015	8.58	9.00	1.102	87.80	1.139	**0.019**	60#
Hotspot															
WIFI	5.2G	802.11ac(VHT80)	Front Side	10	42	5210	0.14	0.064	8.44	9.00	1.138	87.80	1.139	0.083	/
			Back Side	10	42	5210	0.03	0.121	8.44	9.00	1.138	87.80	1.139	**0.157**	61#
			Left Edge	10	42	5210	-0.06	0.057	8.44	9.00	1.138	87.80	1.139	0.074	/
			Top Edge	10	42	5210	-0.04	0.093	8.44	9.00	1.138	87.80	1.139	0.121	/
WIFI	5.8G	802.11ac(VHT80)	Front Side	10	155	5775	-0.15	0.031	8.58	9.00	1.102	87.80	1.139	0.039	/
			Back Side	10	155	5775	-0.08	0.037	8.58	9.00	1.102	87.80	1.139	**0.046**	62#
			Left Edge	10	155	5775	-0.04	0.030	8.58	9.00	1.102	87.80	1.139	0.038	/
			Top Edge	10	155	5775	-0.05	0.035	8.58	9.00	1.102	87.80	1.139	0.044	/

Antenna	Band	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	10 g Scaled SAR (W/kg)	Meas. No.
Specific															
WIFI	5.3G	802.11ac(VHT80)	Front Side	0	58	5290	0.05	0.032	8.29	9.00	1.178	87.80	1.139	0.043	/
			Back Side	0	58	5290	0.12	0.042	8.29	9.00	1.178	87.80	1.139	0.056	/
			Left Edge	0	58	5290	0.01	0.040	8.29	9.00	1.178	87.80	1.139	0.054	/
			Top Edge	0	58	5290	0.04	0.044	8.29	9.00	1.178	87.80	1.139	**0.059**	63#
WIFI	5.6G	802.11ac(VHT80)	Front Side	0	122	5610	-0.11	0.015	8.44	9.00	1.138	87.80	1.139	0.019	/
			Back Side	0	122	5610	0.12	0.018	8.44	9.00	1.138	87.80	1.139	0.023	/
			Left Edge	0	122	5610	0.01	0.021	8.44	9.00	1.138	87.80	1.139	**0.027**	64#
			Top Edge	0	122	5610	0.15	0.015	8.44	9.00	1.138	87.80	1.139	0.019	/

10.20 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														
BT	DH5	Left Cheek	0	0	2402	0.09	0.013	3.06	5.00	1.563	76.68	1.304	**0.026**	65#
		Left Tilt	0	0	2402	-0.07	0.012	3.06	5.00	1.563	76.68	1.304	0.024	/
		Right Cheek	0	0	2402	0.04	0.007	3.06	5.00	1.563	76.68	1.304	0.014	/
		Right Tilt	0	0	2402	-0.05	0.008	3.06	5.00	1.563	76.68	1.304	0.016	/
Body-worn														
BT	DH5	Front Side	15	0	2402	0.05	0.003	3.06	5.00	1.563	76.68	1.304	0.006	/
		Back Side	15	0	2402	0.06	0.004	3.06	5.00	1.563	76.68	1.304	**0.008**	66#
Hotspot														
BT	DH5	Front Side	10	0	2402	-0.15	0.048	3.06	5.00	1.563	76.68	1.304	0.098	/
		Back Side	10	0	2402	0.03	0.049	3.06	5.00	1.563	76.68	1.304	**0.100**	67#
		Left Edge	10	0	2402	0.01	0.040	3.06	5.00	1.563	76.68	1.304	0.082	/
		Top Edge	10	0	2402	-0.09	0.039	3.06	5.00	1.563	76.68	1.304	0.079	/

10.21 NFC SAR

1. According to the 2022.04 TCBC Workshop meeting, the power threshold is ≤ 100MHz, refer to P6s.

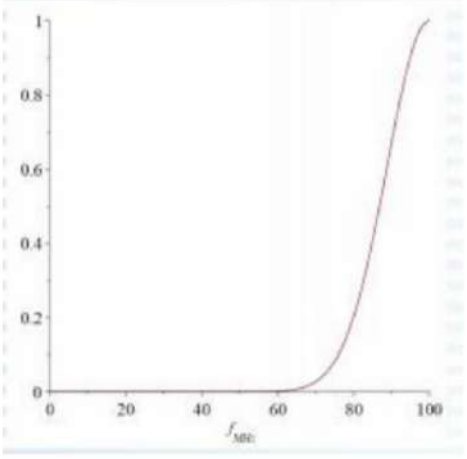
$$P_{7X}(d_{mm}, f_{MHz}) := \begin{cases} P_{6S}(d_{mm}, f_{MHz}) & f_{MHz} \le 100 \\ P_{6to7}(d_{mm}, f_{MHz}) & 100 < f_{MHz} \le 300 \\ P_{7}(d_{mm}, f_{MHz}) & 300 < f_{MHz} \end{cases}$$

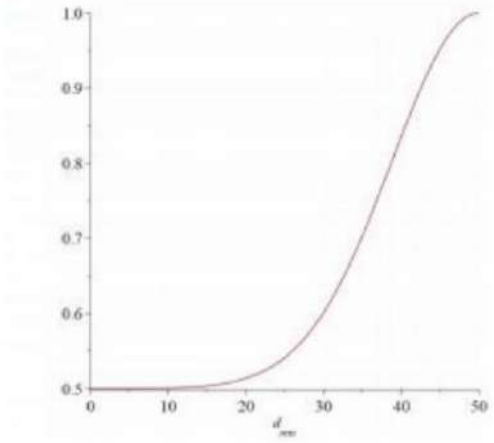
2. For portable products, when using a distance of ≤ 50mm, such as mobile phone NFC, P6s is calculated with the following formula calculate.

$$S_f(f_{MHz}) \cdot P_{431a}(d_{mm}, f_{MHz}) + (1 - S_f(f_{MHz})) \cdot S_d(d_{mm}) P_{431b1}(50., 100.) \cdot \left(1. + log10\left(\frac{100.}{f_{MHz}}\right)\right) \qquad d_{mm} \le 50 \text{ and } f_{MHz} \le 100$$

3. The smoothing functions Sf and Sd in P6s calculate the limits based on KDB 447498 V06 and are calculated as follows.

$$S_f(f_{MHz}) := exp\left(-10\frac{(f_{MHz} - f_{max})^2}{\Delta f^2}\right) \qquad S_d(d_{mm}) := 0.5 + 0.5 \cdot exp\left(-10\frac{(d_{mm} - d_{max})^2}{\Delta d^2}\right)$$





d≤50mm				
f Max(MHz)	100		d Max(mm)	50
f MHz	13.56		d(mm)	5
△f(MHz)	100		△d	50
$S_f(f_{MHz})$	0.000568861		S_d（dmm）	0.50015177
P6s(mW)	443.1257378			
Note: SAR testing is required when the distance is 5mm and the power is greater than 443.13mW.				

4. According to the ANSI C63.10 clause 11.12.2.2:

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

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the ERP level (see guidance on determining the applicable antenna gain)

c) Add the appropriate maximum ground reflection factor to the ERP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the ERP of all chains in linear terms (e.g., Watts, mW).

e) Convert the resultant ERP level to an equivalent electric field strength using the following relationship: E = ERP - 20log D + 104.8

where:

E = electric field strength in dBμV/m,

ERP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

Mode	f (MHz)	Max. E-Field strength (dBuV/m)	D (m)	Ground reflection factor (dB)	ERP (dBm)
NFC (13.56MHz)	13.56	55.33	10	6	-23.47
Note: 1. Add the appropriate maximum ground reflection factor to the ERP level (6 dB for frequencies ≤ 30 MHz). 2.ERP= 55.33+20*Log(10) - 104.8 + 6 =-23.47 (dBm)					

According to the FCC KDB 447498 D04

Estimated SAR: SAR test =1.6 · Pant / Pth [W/kg]

Estimated SAR	1.6 ·Pant / Pth [W/kg]		
Pmeas.(dBm)	-23.47	Pmeas.(mW)	0.00450
Pth.(mW)	443.13		
NFC Estimated 1g SAR [W/kg]	＜0.001		

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.
5. Note: For 1g SAR, the highest measured 1g SAR is 0.639＜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	Specific
1	WWAN + WLAN 2.4GHz	Yes	Yes	Yes
2	WWAN + WLAN 5GHz	Yes	Yes	Yes
3	WWAN + BT	Yes	Yes	Yes
4	WLAN 5GHz + BT	Yes	Yes	Yes
5	WWAN + WLAN 5GHz + BT	Yes	Yes	Yes

Note:

1. The maximum SAR summation is calculated based on the same configuration and test position.
2. WLAN 2.4GHz and Bluetooth will not be transmitting at same time, WLAN 2.4GHz and WLAN 5GHz will not be transmitting at same time.

12.2 Sum SAR of Simultaneous Transmission

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

Band	Position	Stand alone SAR				SUM SAR	
		1	2	3	4		
		WWAN Level1	2.4GWIFI	5GWIFI Max.	Bluetooth	1+2	1+3+4
GSM850	Left Cheek	0.282	0.294	0.063	0.026	**0.576**	0.371
	Left Tilt	0.173	0.283	0.060	0.024	0.456	0.257
	Right Cheek	0.383	0.157	0.034	0.014	0.540	0.431
	Right Tilt	0.175	0.182	0.028	0.016	0.357	0.219
GSM1900	Left Cheek	0.002	0.294	0.063	0.026	0.296	0.091
	Left Tilt	0.001	0.283	0.060	0.024	0.284	0.085
	Right Cheek	0.004	0.157	0.034	0.014	0.161	0.052
	Right Tilt	0.001	0.182	0.028	0.016	0.183	0.045
WCDMA B2	Left Cheek	0.005	0.294	0.063	0.026	0.299	0.094
	Left Tilt	0.002	0.283	0.060	0.024	0.285	0.086
	Right Cheek	0.006	0.157	0.034	0.014	0.163	0.054
	Right Tilt	0.002	0.182	0.028	0.016	0.184	0.046
WCDMA B4	Left Cheek	0.018	0.294	0.063	0.026	0.312	0.107
	Left Tilt	0.013	0.283	0.060	0.024	0.296	0.097
	Right Cheek	0.031	0.157	0.034	0.014	0.188	0.079
	Right Tilt	0.015	0.182	0.028	0.016	0.197	0.059
WCDMA B5	Left Cheek	0.157	0.294	0.063	0.026	0.451	0.246
	Left Tilt	0.088	0.283	0.060	0.024	0.371	0.172
	Right Cheek	0.209	0.157	0.034	0.014	0.366	0.257
	Right Tilt	0.112	0.182	0.028	0.016	0.294	0.156
LTE B2	Left Cheek	0.021	0.294	0.063	0.026	0.315	0.110
	Left Tilt	0.006	0.283	0.060	0.024	0.289	0.090
	Right Cheek	0.020	0.157	0.034	0.014	0.177	0.068
	Right Tilt	0.010	0.182	0.028	0.016	0.192	0.054
LTE B4	Left Cheek	0.023	0.294	0.063	0.026	0.317	0.112
	Left Tilt	0.008	0.283	0.060	0.024	0.291	0.092
	Right Cheek	0.021	0.157	0.034	0.014	0.178	0.069
	Right Tilt	0.009	0.182	0.028	0.016	0.191	0.053
LTE B5	Left Cheek	0.156	0.294	0.063	0.026	0.450	0.245
	Left Tilt	0.089	0.283	0.060	0.024	0.372	0.173
	Right Cheek	0.166	0.157	0.034	0.014	0.323	0.214
	Right Tilt	0.102	0.182	0.028	0.016	0.284	0.146
LTE B7	Left Cheek	0.079	0.294	0.063	0.026	0.373	0.168
	Left Tilt	0.063	0.283	0.060	0.024	0.346	0.147
	Right Cheek	0.068	0.157	0.034	0.014	0.225	0.116
	Right Tilt	0.044	0.182	0.028	0.016	0.226	0.088

LTE B12	Left Cheek	0.239	0.294	0.063	0.026	0.533	0.328
	Left Tilt	0.132	0.283	0.060	0.024	0.415	0.216
	Right Cheek	0.282	0.157	0.034	0.014	0.439	0.330
	Right Tilt	0.128	0.182	0.028	0.016	0.310	0.172
LTE B17	Left Cheek	0.252	0.294	0.063	0.026	0.546	0.341
	Left Tilt	0.133	0.283	0.060	0.024	0.416	0.217
	Right Cheek	0.289	0.157	0.034	0.014	0.446	0.337
	Right Tilt	0.132	0.182	0.028	0.016	0.314	0.176
LTE B18	Left Cheek	0.237	0.294	0.063	0.026	0.531	0.326
	Left Tilt	0.135	0.283	0.060	0.024	0.418	0.219
	Right Cheek	0.275	0.157	0.034	0.014	0.432	0.323
	Right Tilt	0.155	0.182	0.028	0.016	0.337	0.199
LTE B19	Left Cheek	0.179	0.294	0.063	0.026	0.473	0.268
	Left Tilt	0.101	0.283	0.060	0.024	0.384	0.185
	Right Cheek	0.211	0.157	0.034	0.014	0.368	0.259
	Right Tilt	0.122	0.182	0.028	0.016	0.304	0.166
LTE B26	Left Cheek	0.168	0.294	0.063	0.026	0.462	0.257
	Left Tilt	0.094	0.283	0.060	0.024	0.377	0.178
	Right Cheek	0.193	0.157	0.034	0.014	0.350	0.241
	Right Tilt	0.116	0.182	0.028	0.016	0.298	0.160
LTE B66	Left Cheek	0.007	0.294	0.063	0.026	0.301	0.096
	Left Tilt	0.004	0.283	0.060	0.024	0.287	0.088
	Right Cheek	0.009	0.157	0.034	0.014	0.166	0.057
	Right Tilt	0.004	0.182	0.028	0.016	0.186	0.048
LTE B38	Left Cheek	0.080	0.294	0.063	0.026	0.374	0.169
	Left Tilt	0.066	0.283	0.060	0.024	0.349	0.150
	Right Cheek	0.081	0.157	0.034	0.014	0.238	0.129
	Right Tilt	0.059	0.182	0.028	0.016	0.241	0.103
LTE B41	Left Cheek	0.062	0.294	0.063	0.026	0.356	0.151
	Left Tilt	0.050	0.283	0.060	0.024	0.333	0.134
	Right Cheek	0.064	0.157	0.034	0.014	0.221	0.112
	Right Tilt	0.044	0.182	0.028	0.016	0.226	0.088

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 0.576 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	Position	Stand alone SAR				SUM SAR	
		1	2	3	4		
		WWAN	2.4GWIFI	5GWIFI Max.	Bluetooth	1+2	1+3+4
		Level2					
GSM850	Front Side 15mm	0.237	0.077	0.062	0.006	0.314	0.305
	Back Side 15mm	0.254	0.124	0.086	0.008	0.378	0.348
GSM1900	Front Side 15mm	0.017	0.077	0.062	0.006	0.094	0.085
	Back Side 15mm	0.059	0.124	0.086	0.008	0.183	0.153
WCDMA B2	Front Side 15mm	0.029	0.077	0.062	0.006	0.106	0.097
	Back Side 15mm	0.081	0.124	0.086	0.008	0.205	0.175
WCDMA B4	Front Side 15mm	0.074	0.077	0.062	0.006	0.151	0.142
	Back Side 15mm	0.206	0.124	0.086	0.008	0.330	0.300
WCDMA B5	Front Side 15mm	0.059	0.077	0.062	0.006	0.136	0.127
	Back Side 15mm	0.075	0.124	0.086	0.008	0.199	0.169
LTE B2	Front Side 15mm	0.029	0.077	0.062	0.006	0.106	0.097
	Back Side 15mm	0.078	0.124	0.086	0.008	0.202	0.172
LTE B4	Front Side 15mm	0.090	0.077	0.062	0.006	0.167	0.158
	Back Side 15mm	0.248	0.124	0.086	0.008	0.372	0.342
LTE B5	Front Side 15mm	0.152	0.077	0.062	0.006	0.229	0.220
	Back Side 15mm	0.168	0.124	0.086	0.008	0.292	0.262
LTE B7	Front Side 15mm	0.154	0.077	0.062	0.006	0.231	0.222
	Back Side 15mm	0.331	0.124	0.086	0.008	0.455	0.425
LTE B12	Front Side 15mm	0.366	0.077	0.062	0.006	0.443	0.434
	Back Side 15mm	0.426	0.124	0.086	0.008	0.550	0.520
LTE B17	Front Side 15mm	0.390	0.077	0.062	0.006	0.467	0.458
	Back Side 15mm	0.451	0.124	0.086	0.008	**0.575**	0.545
LTE B18	Front Side 15mm	0.233	0.077	0.062	0.006	0.310	0.301
	Back Side 15mm	0.265	0.124	0.086	0.008	0.389	0.359
LTE B19	Front Side 15mm	0.175	0.077	0.062	0.006	0.252	0.243
	Back Side 15mm	0.199	0.124	0.086	0.008	0.323	0.293
LTE B26	Front Side 15mm	0.175	0.077	0.062	0.006	0.252	0.243
	Back Side 15mm	0.197	0.124	0.086	0.008	0.321	0.291
LTE B66	Front Side 15mm	0.071	0.077	0.062	0.006	0.148	0.139
	Back Side 15mm	0.204	0.124	0.086	0.008	0.328	0.298
LTE B38	Front Side 15mm	0.141	0.077	0.062	0.006	0.218	0.209
	Back Side 15mm	0.230	0.124	0.086	0.008	0.354	0.324
LTE B41	Front Side 15mm	0.126	0.077	0.062	0.006	0.203	0.194
	Back Side 15mm	0.204	0.124	0.086	0.008	0.328	0.298

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 0.575 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	Position	Stand alone SAR				SUM SAR	
		1	2	3	4		
		WWAN	2.4GWIFI	5GWIFI Max.	Bluetooth	1+2	1+3+4
		Level2					
GSM850	Front Side 10mm	0.235	0.292	0.083	0.098	0.527	0.416
	Back Side 10mm	0.379	0.297	0.157	0.100	0.676	0.636
	Left Edge 10mm	0.181	0.240	0.074	0.082	0.421	0.337
	Right Edge 10mm	0.138	0.000	0.000	0.000	0.138	0.138
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.174	0.000	0.000	0.000	0.174	0.174
GSM1900	Front Side 10mm	0.040	0.292	0.083	0.098	0.332	0.221
	Back Side 10mm	0.147	0.297	0.157	0.100	0.444	0.404
	Left Edge 10mm	0.004	0.240	0.074	0.082	0.244	0.160
	Right Edge 10mm	0.003	0.000	0.000	0.000	0.003	0.003
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.206	0.000	0.000	0.000	0.206	0.206
WCDMA B2	Front Side 10mm	0.069	0.292	0.083	0.098	0.361	0.250
	Back Side 10mm	0.185	0.297	0.157	0.100	0.482	0.442
	Left Edge 10mm	0.008	0.240	0.074	0.082	0.248	0.164
	Right Edge 10mm	0.006	0.000	0.000	0.000	0.006	0.006
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.260	0.000	0.000	0.000	0.260	0.260
WCDMA B4	Front Side 10mm	0.172	0.292	0.083	0.098	0.464	0.353
	Back Side 10mm	0.556	0.297	0.157	0.100	0.853	0.813
	Left Edge 10mm	0.018	0.240	0.074	0.082	0.258	0.174
	Right Edge 10mm	0.015	0.000	0.000	0.000	0.015	0.015
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.741	0.000	0.000	0.000	0.741	0.741
WCDMA B5	Front Side 10mm	0.061	0.292	0.083	0.098	0.353	0.242
	Back Side 10mm	0.091	0.297	0.157	0.100	0.388	0.348
	Left Edge 10mm	0.058	0.240	0.074	0.082	0.298	0.214
	Right Edge 10mm	0.043	0.000	0.000	0.000	0.043	0.043
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.049	0.000	0.000	0.000	0.049	0.049
LTE B2	Front Side 10mm	0.071	0.292	0.083	0.098	0.363	0.252
	Back Side 10mm	0.207	0.297	0.157	0.100	0.504	0.464
	Left Edge 10mm	0.004	0.240	0.074	0.082	0.244	0.160
	Right Edge 10mm	0.014	0.000	0.000	0.000	0.014	0.014
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.254	0.000	0.000	0.000	0.254	0.254
LTE B4	Front Side 10mm	0.173	0.292	0.083	0.098	0.465	0.354

	Back Side 10mm	0.557	0.297	0.157	0.100	0.854	0.814
	Left Edge 10mm	0.007	0.240	0.074	0.082	0.247	0.163
	Right Edge 10mm	0.057	0.000	0.000	0.000	0.057	0.057
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.748	0.000	0.000	0.000	0.748	0.748
LTE B5	Front Side 10mm	0.119	0.292	0.083	0.098	0.411	0.300
	Back Side 10mm	0.177	0.297	0.157	0.100	0.474	0.434
	Left Edge 10mm	0.108	0.240	0.074	0.082	0.348	0.264
	Right Edge 10mm	0.081	0.000	0.000	0.000	0.081	0.081
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.095	0.000	0.000	0.000	0.095	0.095
LTE B7	Front Side 10mm	0.182	0.292	0.083	0.098	0.474	0.363
	Back Side 10mm	0.365	0.297	0.157	0.100	0.662	0.622
	Left Edge 10mm	0.071	0.240	0.074	0.082	0.311	0.227
	Right Edge 10mm	0.077	0.000	0.000	0.000	0.077	0.077
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.360	0.000	0.000	0.000	0.360	0.360
LTE B12	Front Side 10mm	0.316	0.292	0.083	0.098	0.608	0.497
	Back Side 10mm	0.470	0.297	0.157	0.100	0.767	0.727
	Left Edge 10mm	0.435	0.240	0.074	0.082	0.675	0.591
	Right Edge 10mm	0.356	0.000	0.000	0.000	0.356	0.356
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.190	0.000	0.000	0.000	0.190	0.190
LTE B17	Front Side 10mm	0.317	0.292	0.083	0.098	0.609	0.498
	Back Side 10mm	0.469	0.297	0.157	0.100	0.766	0.726
	Left Edge 10mm	0.426	0.240	0.074	0.082	0.666	0.582
	Right Edge 10mm	0.357	0.000	0.000	0.000	0.357	0.357
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.150	0.000	0.000	0.000	0.150	0.150
LTE B18	Front Side 10mm	0.239	0.292	0.083	0.098	0.531	0.420
	Back Side 10mm	0.341	0.297	0.157	0.100	0.638	0.598
	Left Edge 10mm	0.222	0.240	0.074	0.082	0.462	0.378
	Right Edge 10mm	0.174	0.000	0.000	0.000	0.174	0.174
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.144	0.000	0.000	0.000	0.144	0.144
LTE B19	Front Side 10mm	0.182	0.292	0.083	0.098	0.474	0.363
	Back Side 10mm	0.262	0.297	0.157	0.100	0.559	0.519
	Left Edge 10mm	0.158	0.240	0.074	0.082	0.398	0.314
	Right Edge 10mm	0.119	0.000	0.000	0.000	0.119	0.119
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.136	0.000	0.000	0.000	0.136	0.136
LTE B26	Front Side 10mm	0.169	0.292	0.083	0.098	0.461	0.350
	Back Side 10mm	0.241	0.297	0.157	0.100	0.538	0.498

	Left Edge 10mm	0.153	0.240	0.074	0.082	0.393	0.309
	Right Edge 10mm	0.117	0.000	0.000	0.000	0.117	0.117
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.129	0.000	0.000	0.000	0.129	0.129
LTE B66	Front Side 10mm	0.217	0.292	0.083	0.098	0.509	0.398
	Back Side 10mm	0.696	0.297	0.157	0.100	**0.993**	0.953
	Left Edge 10mm	0.010	0.240	0.074	0.082	0.250	0.166
	Right Edge 10mm	0.050	0.000	0.000	0.000	0.050	0.050
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.751	0.000	0.000	0.000	0.751	0.751
LTE B38	Front Side 10mm	0.276	0.292	0.083	0.098	0.568	0.457
	Back Side 10mm	0.519	0.297	0.157	0.100	0.816	0.776
	Left Edge 10mm	0.074	0.240	0.074	0.082	0.314	0.230
	Right Edge 10mm	0.087	0.000	0.000	0.000	0.087	0.087
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.525	0.000	0.000	0.000	0.525	0.525
LTE B41	Front Side 10mm	0.334	0.292	0.083	0.098	0.626	0.515
	Back Side 10mm	0.618	0.297	0.157	0.100	0.915	0.875
	Left Edge 10mm	0.086	0.240	0.074	0.082	0.326	0.242
	Right Edge 10mm	0.099	0.000	0.000	0.000	0.099	0.099
	Top Edge 10mm	0.000	0.235	0.121	0.079	0.235	0.200
	Bottom Edge 10mm	0.663	0.000	0.000	0.000	0.663	0.663

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 0.993 W/Kg < 1.6 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: 1710	2025/01/20	2026/01/19
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. (℃)	Meas. Conductivity (σ) (S/m)	Meas. Permittivity (ε)	Target Conductivity (σ) (S/m)	Target Permittivity (ε)	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2025.03.10	Head	750	21.3	0.90	41.35	0.89	41.94	1.12	-1.41
2025.03.11	Head	835	21.5	0.90	42.01	0.90	41.50	0.00	1.23
2025.03.12	Head	835	21.2	0.92	41.62	0.90	41.50	2.22	0.29
2025.03.13	Head	835	21.5	0.90	40.99	0.90	41.50	0.00	-1.23
2025.04.10	Head	1750	21.2	1.41	39.91	1.37	40.08	2.92	-0.42
2025.04.09	Head	1750	21.2	1.39	38.85	1.37	40.08	1.46	-3.07
2025.04.11	Head	1950	21.6	1.41	39.50	1.40	40.00	0.71	-1.25
2025.04.04	Head	1950	21.1	1.43	38.65	1.40	40.00	2.14	-3.38
2025.04.05	Head	2450	21.6	1.82	39.02	1.80	39.20	1.11	-0.46
2025.04.06	Head	2600	21.5	1.99	38.93	1.96	39.01	1.53	-0.21
2025.04.12	Head	2600	21.3	2.01	39.11	1.96	39.01	2.55	0.26
2025.04.13	Head	2600	21.3	2.00	38.79	1.96	39.01	2.04	-0.56
2025.04.03	Head	5250	21.1	4.65	34.92	4.71	35.93	-1.27	-2.81
2025.04.07	Head	5600	21.3	5.06	34.93	5.07	35.53	-0.20	-1.69
2025.04.08	Head	5750	21.1	5.13	34.67	5.22	35.36	-1.72	-1.95
Note: The tolerance limit of Conductivity and Permittivity is± 5%.									

ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within itsspecification 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 (%)
2025.03.10	Head	750	100	0.86	8.58	8.46	1.42
2025.03.11	Head	835	100	0.95	9.52	9.74	-2.26
2025.03.12	Head	835	100	0.96	9.59	9.74	-1.54
2025.03.13	Head	835	100	0.95	9.52	9.74	-2.26
2025.04.10	Head	1750	100	3.74	37.40	37.00	1.08
2025.04.09	Head	1750	100	3.71	37.10	37.00	0.27
2025.04.11	Head	1950	100	4.13	41.30	41.70	-0.96
2025.04.04	Head	1950	100	4.12	41.20	41.70	-1.20
2025.04.05	Head	2450	100	5.29	52.90	52.60	0.57
2025.04.06	Head	2600	100	5.48	54.80	55.90	-1.97
2025.04.12	Head	2600	100	5.48	54.80	55.90	-1.97
2025.04.13	Head	2600	100	5.44	54.40	55.90	-2.68
2025.04.03	Head	5250	100	7.91	79.10	77.70	1.80
2025.04.07	Head	5600	100	8.25	82.50	81.30	1.48
2025.04.08	Head	5750	100	7.81	78.10	77.60	0.64
Note: The tolerance limit of System validation ±10%.							

Head liquid 10g

Date	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2025.04.03	5250	100	2.26	22.60	22.00	2.73
2025.04.07	5600	100	2.43	24.30	23.10	5.19
Note: The tolerance limit of System validation ±10%.						

System Performance Check Data (750MHz)

Date: 2025.03.10

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

Medium parameters used (extrapolated): f = 750 MHz; σ = 0.897 S/m; ε_r = 41.351; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750 100mW/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.878 W/kg

CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.85 V/m; Power Drift = -0.02 dB

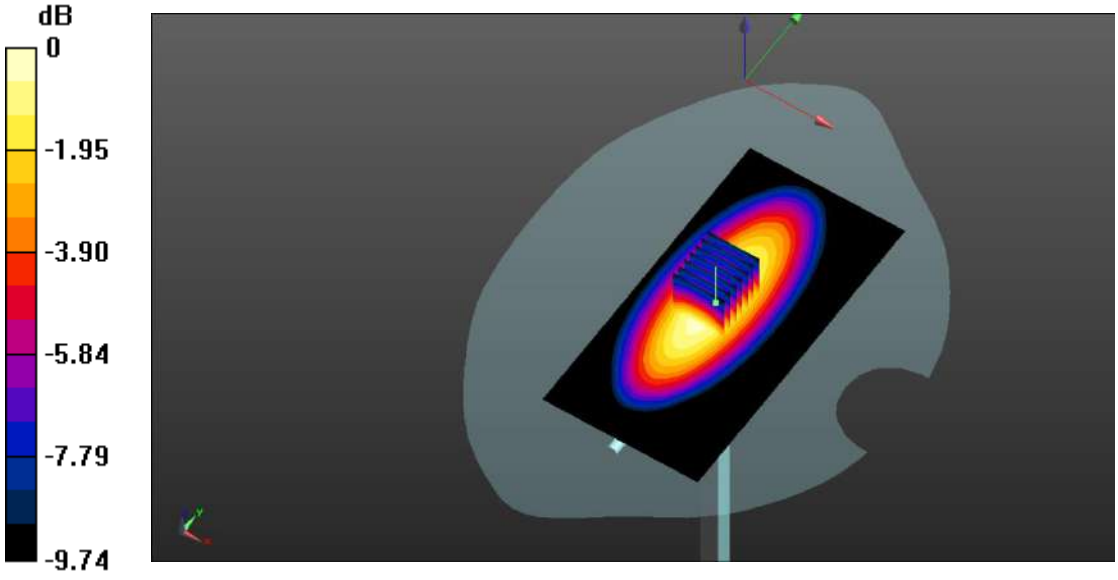
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.556 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%

Maximum value of SAR (measured) = 0.883 W/kg



0 dB = 0.883 W/kg

System Performance Check Data (835MHz)

Date: 2025.03.11
Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.897 S/m; ε_r = 42.013; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.8℃ Liquid Temperature:21.5℃

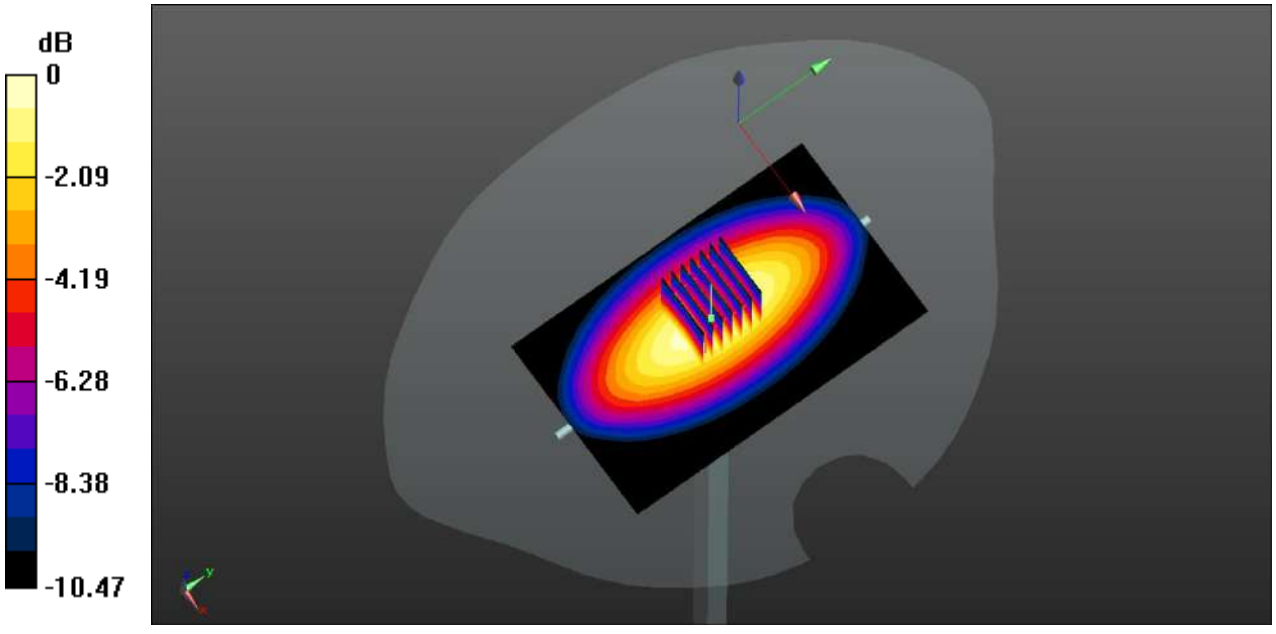
DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.15 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.623 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 57.3%

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



0 dB = 1.04 W/kg

System Performance Check Data (835MHz)

Date: 2025.03.12
Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.921 S/m; ε_r = 41.618; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.7℃ Liquid Temperature:21.2℃

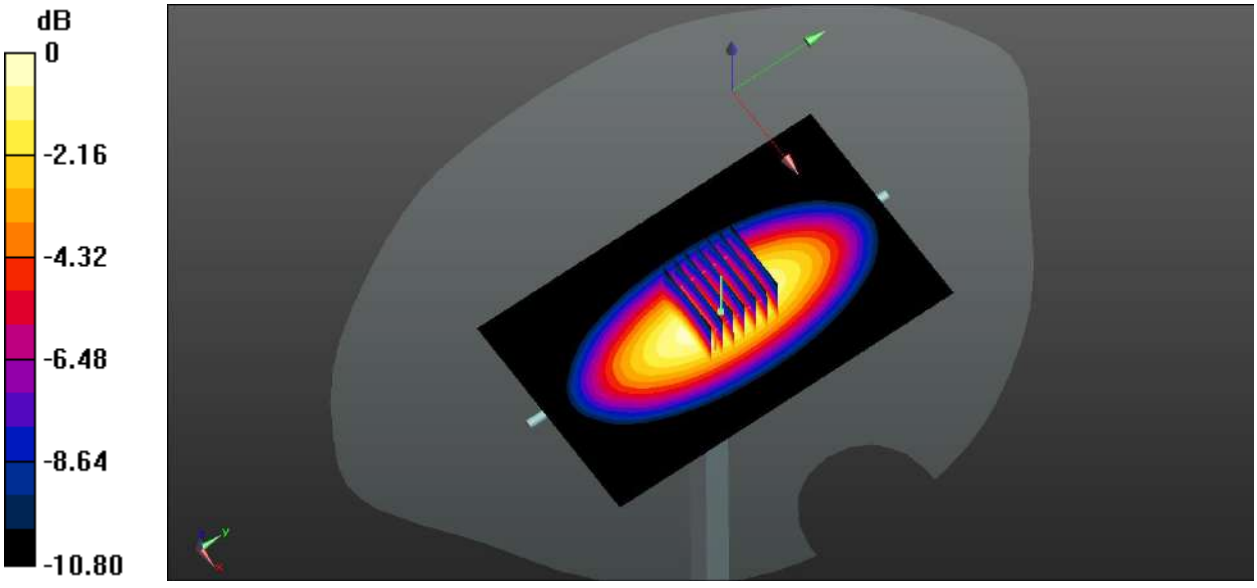
DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.75 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.625 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 56.6%

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



0 dB = 1.05 W/kg

System Performance Check Data (835MHz)

Date: 2025.03.13
Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.899 S/m; ε_r = 40.99; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.6℃ 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: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW /Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

CW 835 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.41 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.623 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 1.02 W/kg

0 dB = 1.02 W/kg

System Performance Check Data (1750MHz)

Date: 2025.04.09
Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1750 MHz; σ = 1.391 S/m; ε_r = 38.85; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.2℃

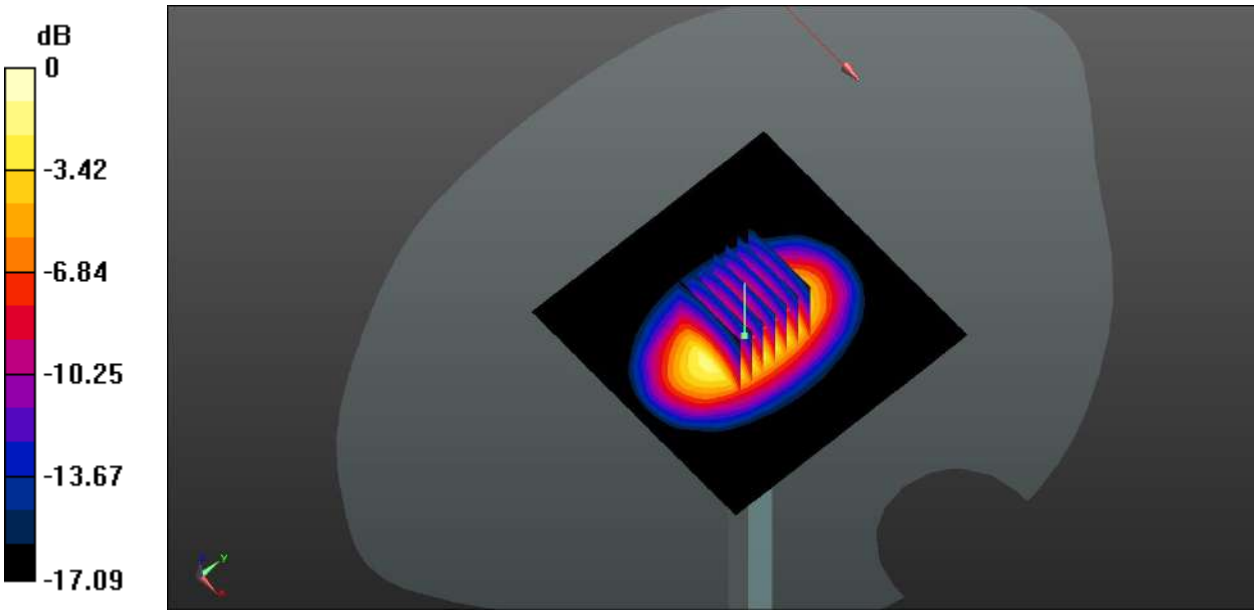
DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.21 W/kg

CW 1750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.29 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.98 W/kg
SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.95 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%

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



0 dB = 4.15 W/kg

System Performance Check Data (1750MHz)

Date: 2025.04.10
Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1750 MHz; σ = 1.405 S/m; ε_r = 39.91; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.29 W/kg

CW 1750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.35 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 7.02 W/kg
SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.96 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.5%

Maximum value of SAR (measured) = 4.24 W/kg

0 dB = 4.24 W/kg

System Performance Check Data (1950MHz)

Date: 2025.04.04
Communication System Band: D1950 (1950.0 MHz); Frequency: 1950 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1950 MHz; σ = 1.428 S/m; ε_r = 38.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.1℃ Liquid Temperature:21.1℃

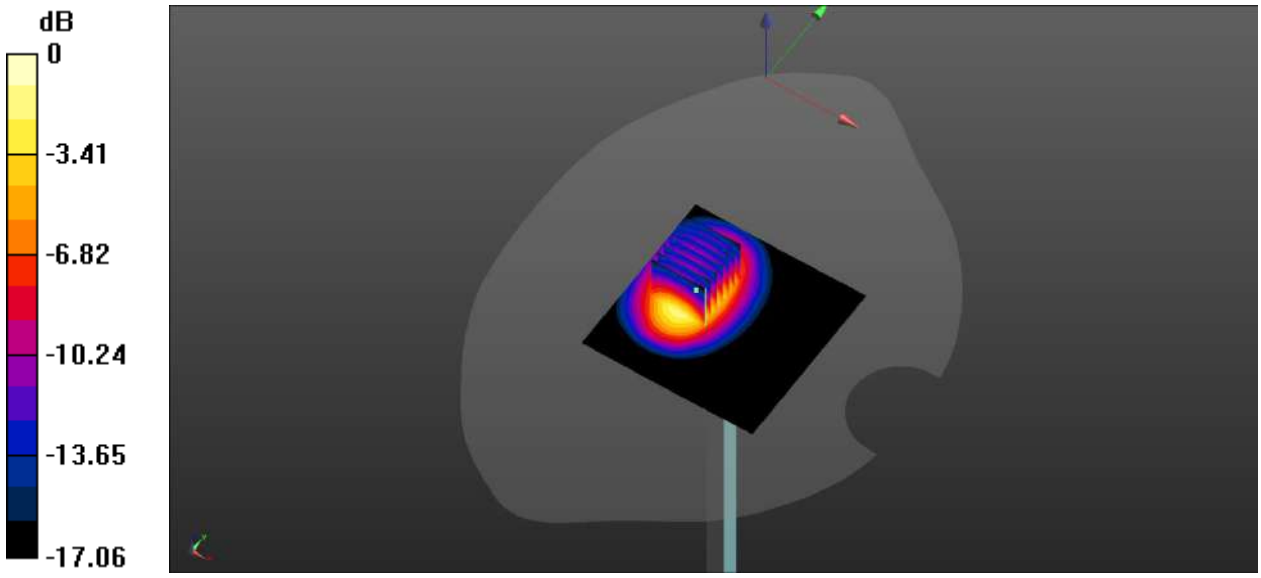
DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1950 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.46 W/kg

CW1950 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.08 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.33 W/kg
SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.03 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.6%

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



0 dB = 4.45 W/kg

System Performance Check Data (1950MHz)

Date: 2025.04.11
Communication System Band: D1950 (1950.0 MHz); Frequency: 1950 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1950 MHz; σ = 1.41 S/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.6℃

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: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1950 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.61 W/kg

CW 1950 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.34 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 7.54 W/kg
SAR(1 g) = 4.13 W/kg; SAR(10 g) = 2.09 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 53.2%
Maximum value of SAR (measured) = 4.59 W/kg

0 dB = 4.59 W/kg

System Performance Check Data (2450MHz)

Date: 2025.04.05
Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.821 S/m; ε_r = 39.024; ρ = 1000 kg/m^3
Phantom section: Flat Section

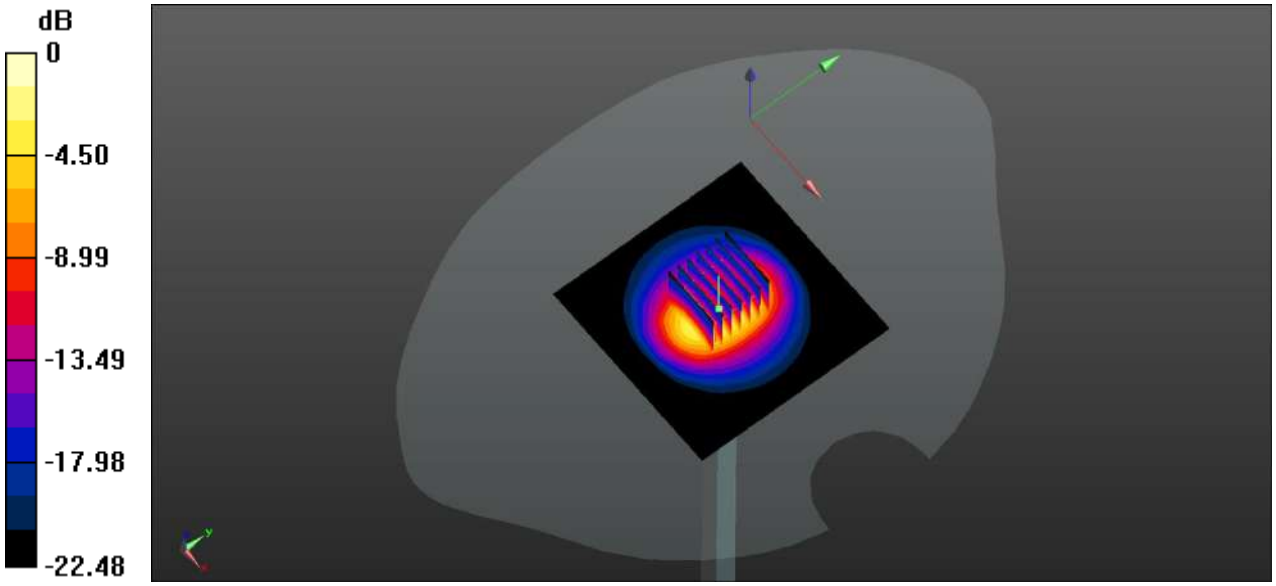
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2450 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 5.79 W/kg

CW2450 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.78 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 11.5 W/kg
SAR(1 g) = 5.29 W/kg; SAR(10 g) = 2.46 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 58.2%
Maximum value of SAR (measured) = 5.83 W/kg



0 dB = 5.83 W/kg

System Performance Check Data (2600MHz)

Date: 2025.04.06
Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used (extrapolated): f = 2600 MHz; σ = 1.986 S/m; ε_r = 38.931; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.5℃

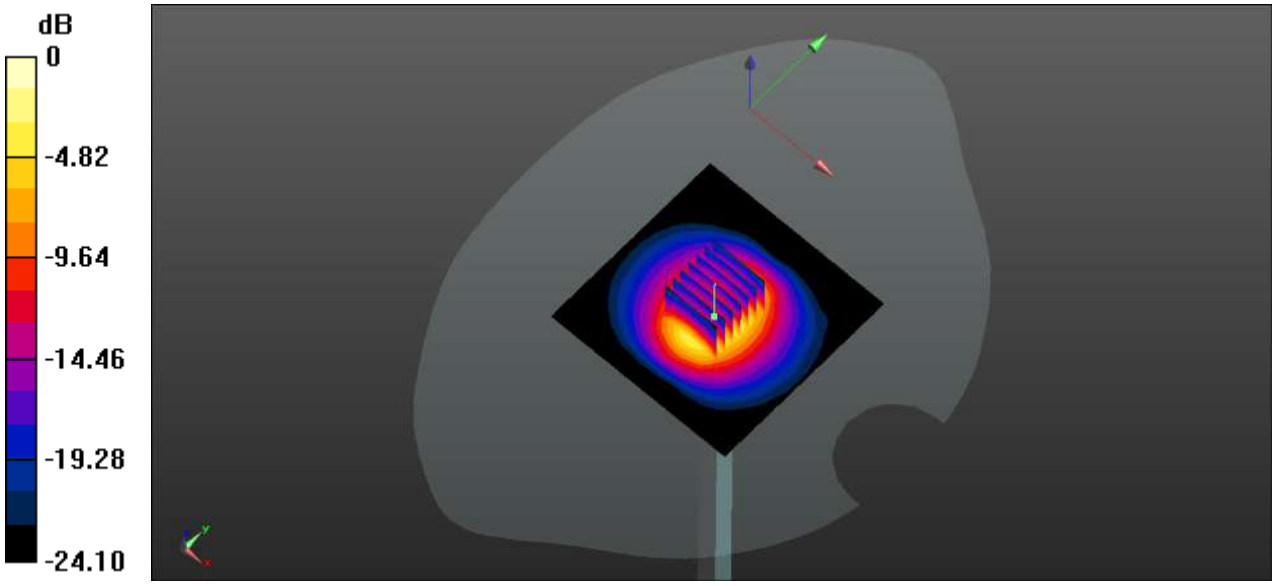
DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.47 W/kg

CW2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.58 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 12.9 W/kg
SAR(1 g) = 5.48 W/kg; SAR(10 g) = 2.56 W/kg
Smallest distance from peaks to all points 3 dB below = 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 58.6%

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



0 dB = 6.45 W/kg

System Performance Check Data (2600MHz)

Date: 2025.04.12
Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.011 S/m; ε_r = 39.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.2℃ Liquid Temperature:21.3℃

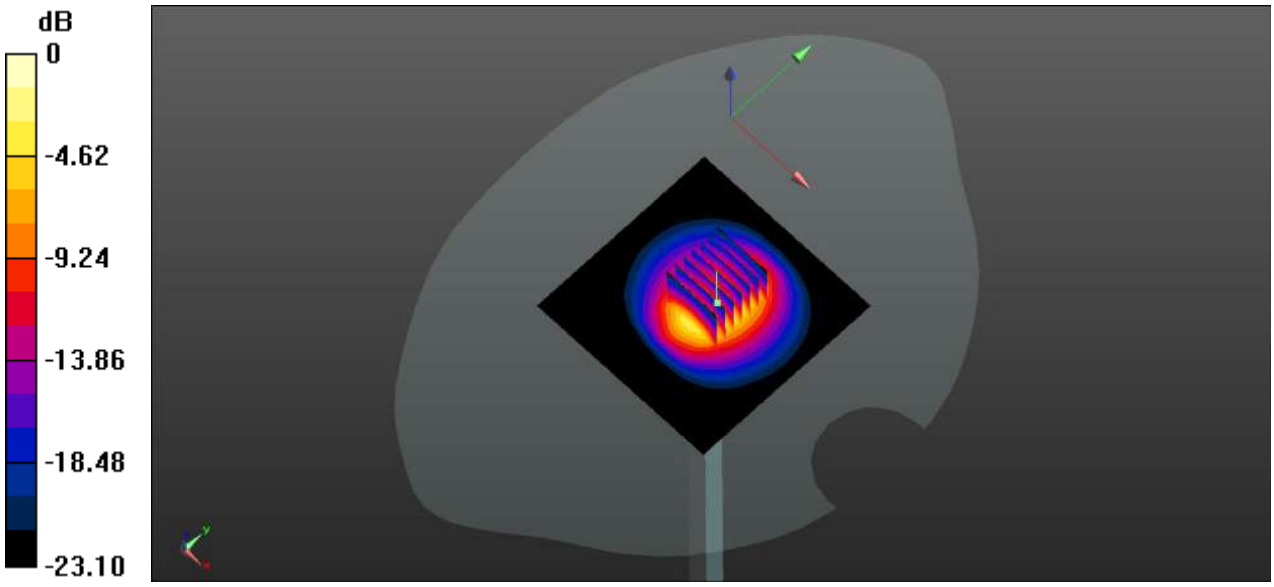
DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.49 W/kg

CW2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.54 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 5.48 W/kg; SAR(10 g) = 2.62 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 6.38 W/kg



0 dB = 6.38 W/kg

System Performance Check Data (2600MHz)

Date: 2025.04.13
Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2600 MHz; σ = 2 S/m; ε_r = 38.788; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.2℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.63 W/kg

CW2600 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.68 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 12.6 W/kg
SAR(1 g) = 5.44 W/kg; SAR(10 g) = 2.52 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%

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

0 dB = 6.45 W/kg

System Performance Check Data (5250MHz)

Date: 2025.04.03
Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5250 MHz; σ = 4.654 S/m; ε_r = 34.916; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.1℃

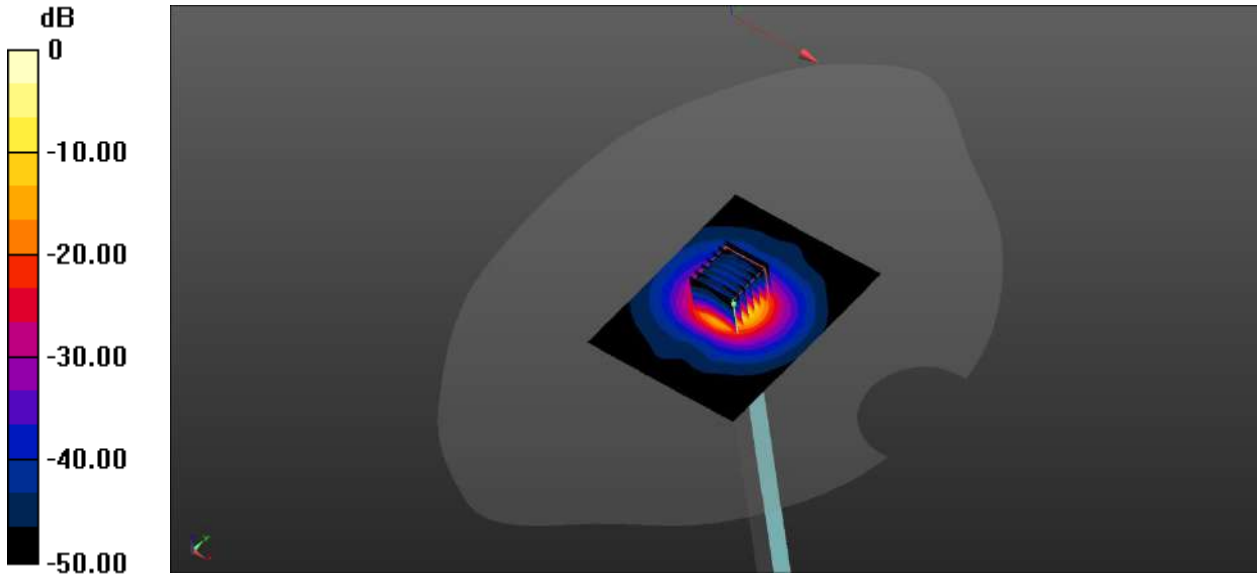
DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.74, 5.74, 5.74); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5250 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.58 W/kg

CW5250 100mw/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 37.92 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 33.4 W/kg
SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.26 W/kg
Smallest distance from peaks to all points 3 dB below = 10.3 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.8 W/kg

System Performance Check Data (5600MHz)

Date: 2025.04.07
Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.06 S/m; ε_r = 34.925; ρ = 1000 kg/m^3
Phantom section: Flat Section

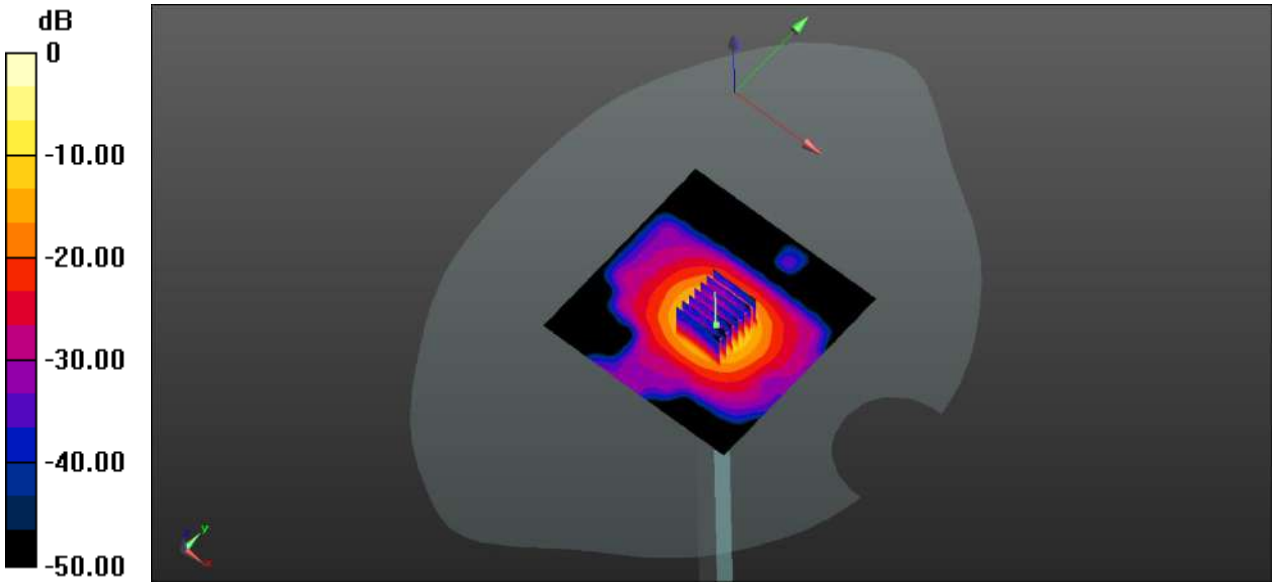
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5, 5, 5); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5600 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.35 W/kg

CW5600 100mw/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 34.54 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 38.3 W/kg
SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.43 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 21.2 W/kg



0 dB = 21.2 W/kg

System Performance Check Data (5750MHz)

Date: 2025.04.08
Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5750 MHz; σ = 5.128 S/m; ε_r = 34.667; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5750 100mw/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.96 W/kg

CW5750 100mw/Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 40.75 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 37.1 W/kg
SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.21 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 58.4%
Maximum value of SAR (measured) = 15.8 W/kg

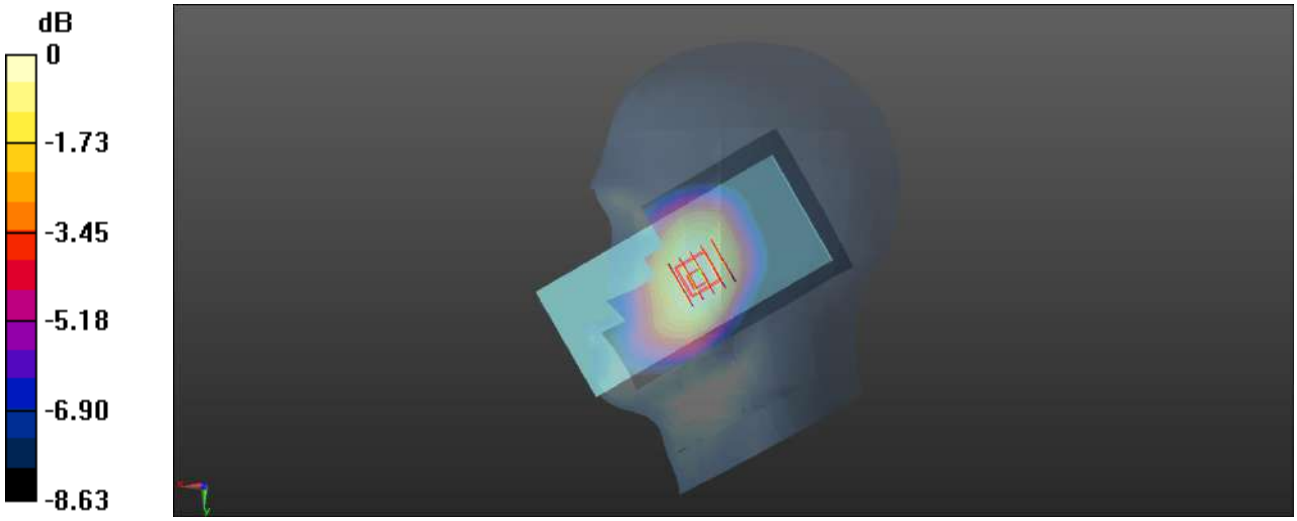
0 dB = 15.8 W/kg

ANNEX C TEST DATA

Meas.1 Right Head with Cheek on High Channel in GPRS850 2Slots mode
Date: 2025.03.11
Communication System Band: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.926 S/m; ε_r = 41.814; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.307 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.223 W/kg
Smallest distance from peaks to all points 3 dB below = 22.1 mm
Ratio of SAR at M2 to SAR at M1 = 81%
Maximum value of SAR (measured) = 0.296 W/kg

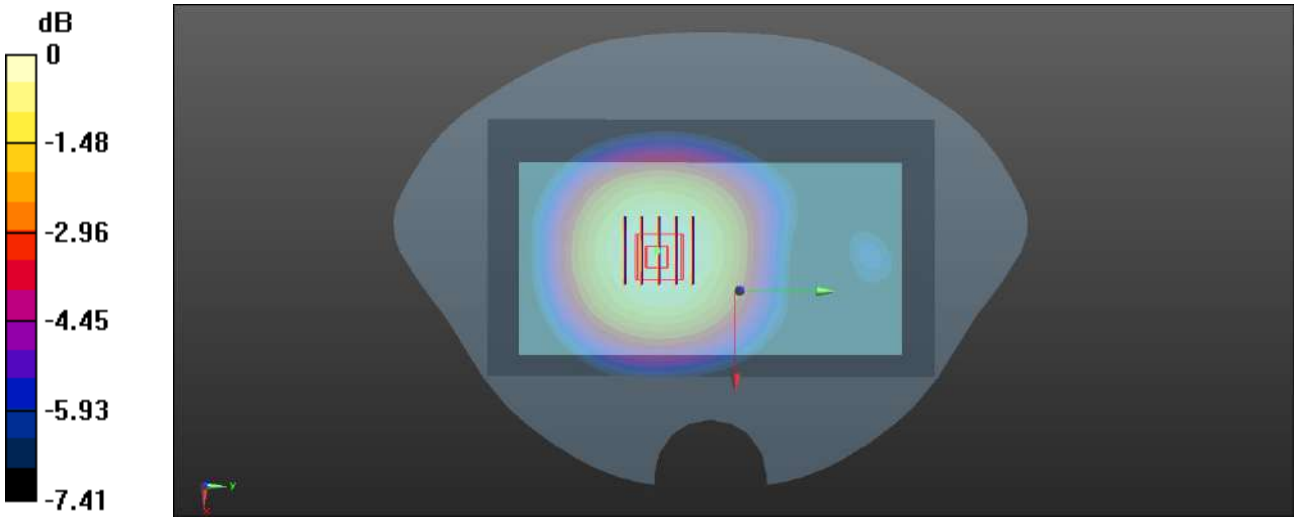


0 dB = 0.296 W/kg

Meas.2 Body Plane with Back Side 15mm on High Channel in GPRS850 2Slots mode
Date: 2025.03.11
Communication System Band: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 848.8 MHz; σ = 00.926 S/m; ε_r = 41.814; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.198 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.52 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 76%
Maximum value of SAR (measured) = 0.197 W/kg

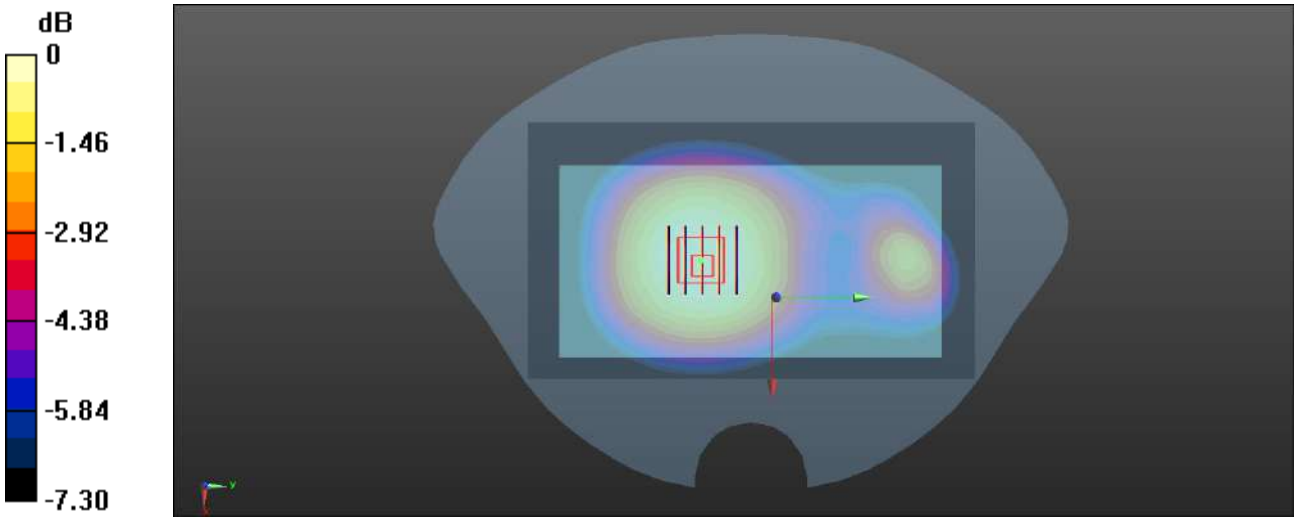


0 dB = 0.197 W/kg

Meas.3 Body Plane with Back Side 10mm on High Channel in GPRS850 2Slots mode
Date: 2025.03.11
Communication System Band: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.926 S/m; ε_r = 41.814; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.301 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.36 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.216 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 79%
Maximum value of SAR (measured) = 0.294 W/kg

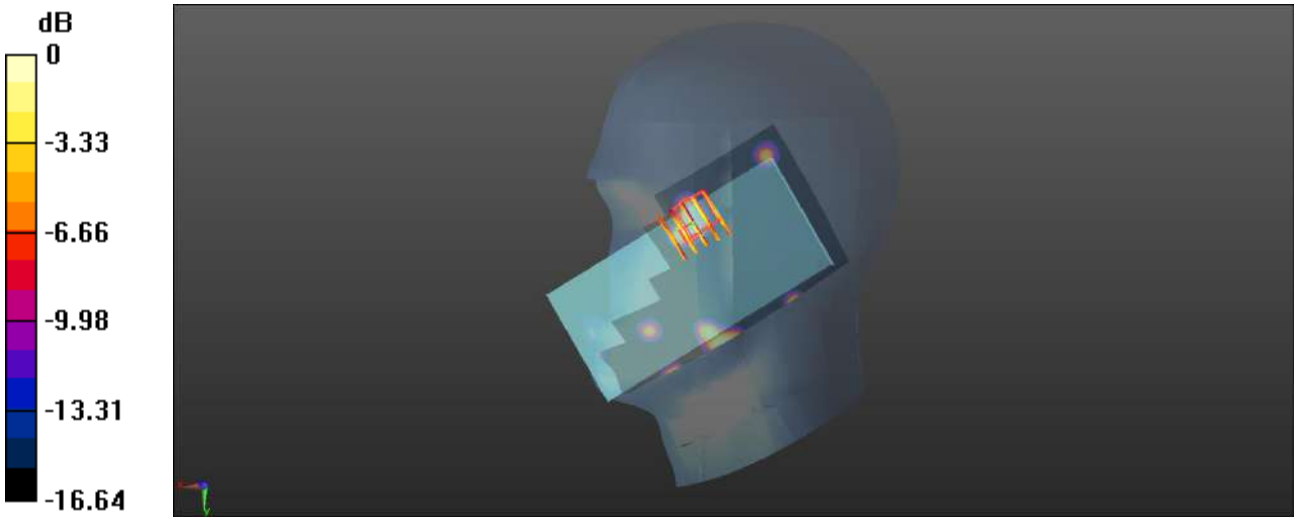


0 dB = 0.294 W/kg

Meas.4 Right Head with Cheek on Low Channel in GPRS1900 2Slots mode
Date: 2025.04.04
Communication System Band: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.386 S/m; ε_r = 39.64; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.1℃ Liquid Temperature:21.1℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.00800 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.321 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.00567 W/kg
SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.002 W/kg
Smallest distance from peaks to all points 3 dB below = 19.6 mm
Ratio of SAR at M2 to SAR at M1 = 61.6%
Maximum value of SAR (measured) = 0.00363 W/kg

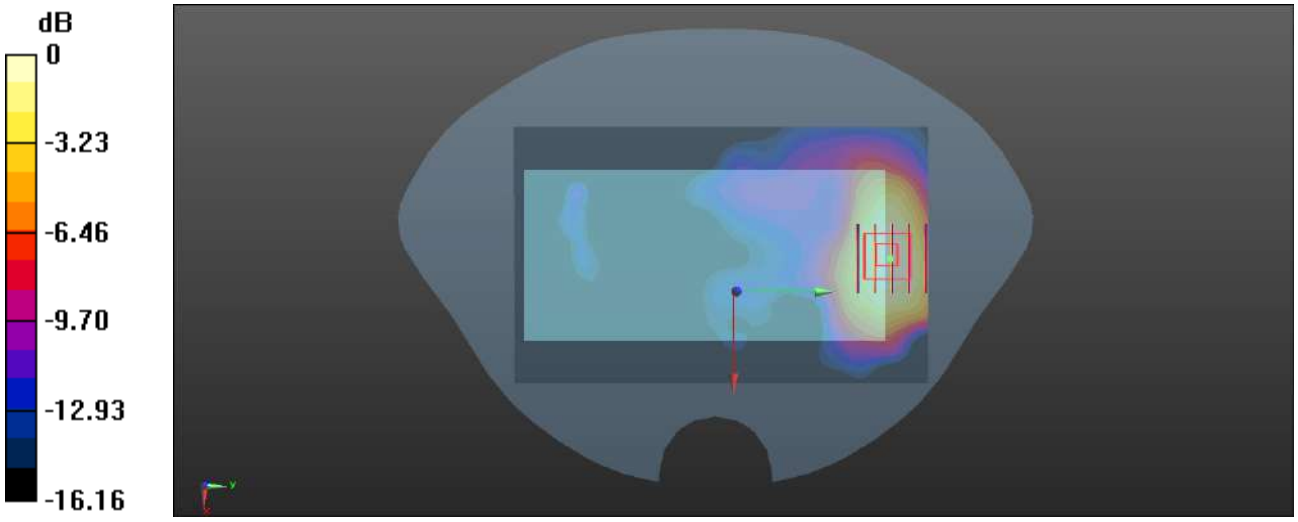


0 dB = 0.00363 W/kg

Meas.5 Body Plane with Back Side 15mm on Low Channel in GPRS1900 2Slots mode
Date: 2025.04.04
Communication System Band: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.386 S/m; ε_r = 39.64; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.1℃ Liquid Temperature:21.1℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0472 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9080 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.027 W/kg
Smallest distance from peaks to all points 3 dB below = 13.6 mm
Ratio of SAR at M2 to SAR at M1 = 65.5%
Maximum value of SAR (measured) = 0.0482 W/kg

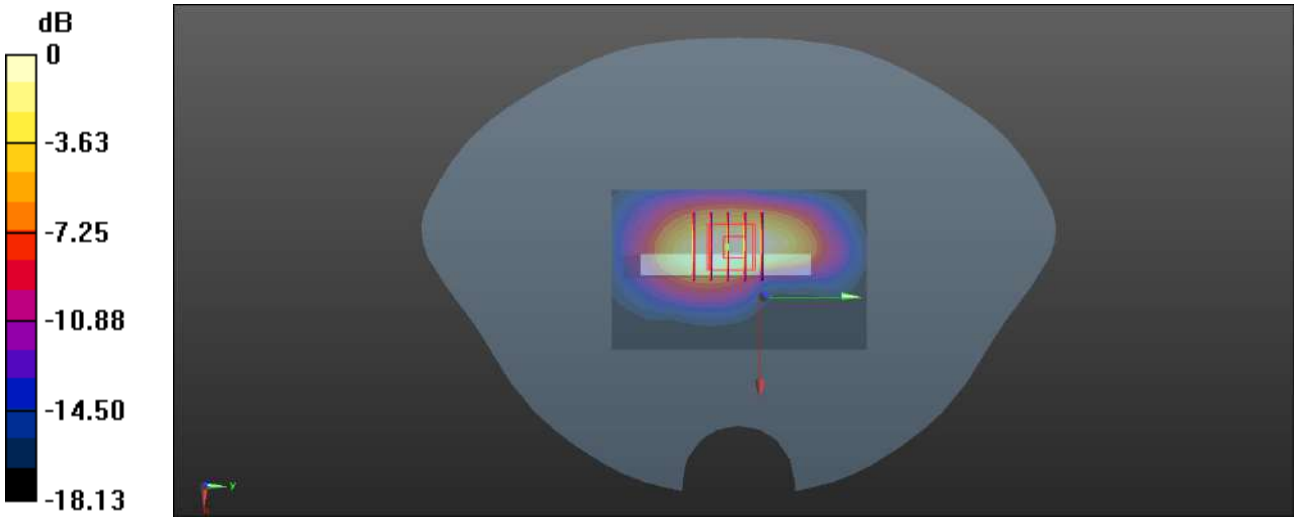


0 dB = 0.0482 W/kg

Meas.6 Body Plane with Bottom Edge 10mm on Low Channel in GPRS1900 2Slots mode
Date: 2025.04.04
Communication System Band: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.386 S/m; ε_r = 39.64; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.1℃ Liquid Temperature:21.1℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.237 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.078 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 0.161 W/kg

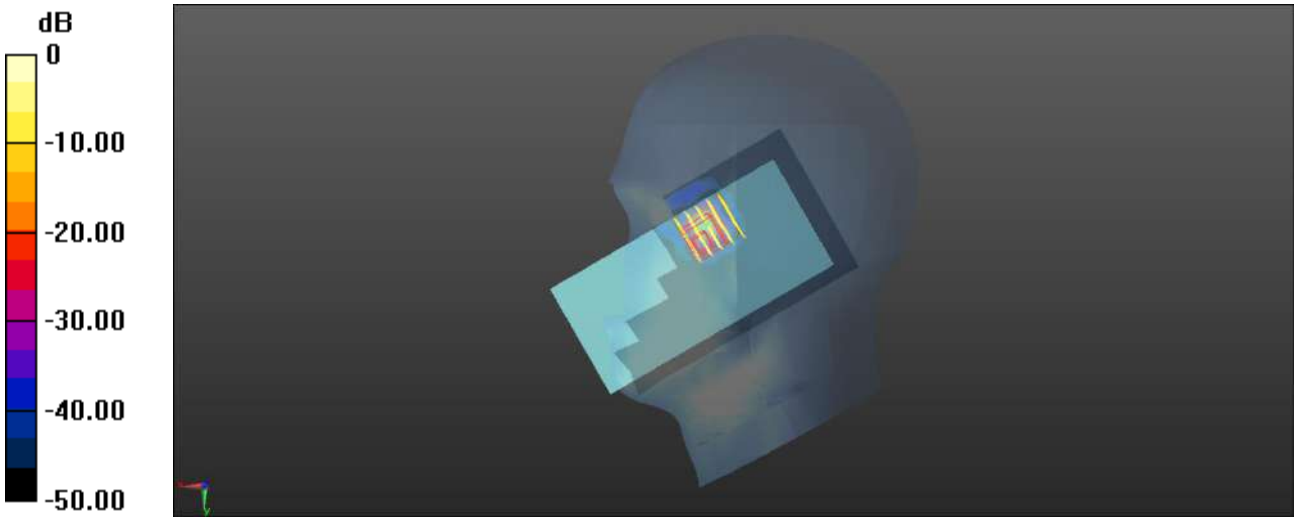


0 dB = 0.161 W/kg

Meas.7 Right Head with Cheek on High Channel in WCDMA Band2 mode
Date: 2025.04.11
Communication System Band: 2; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.396 S/m; ε_r = 40.086; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.003 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.00588 W/kg
SAR(1 g) = 0.004 W/kg; SAR(10 g) = 0.002 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 78.6%
Maximum value of SAR (measured) = 0.004 W/kg

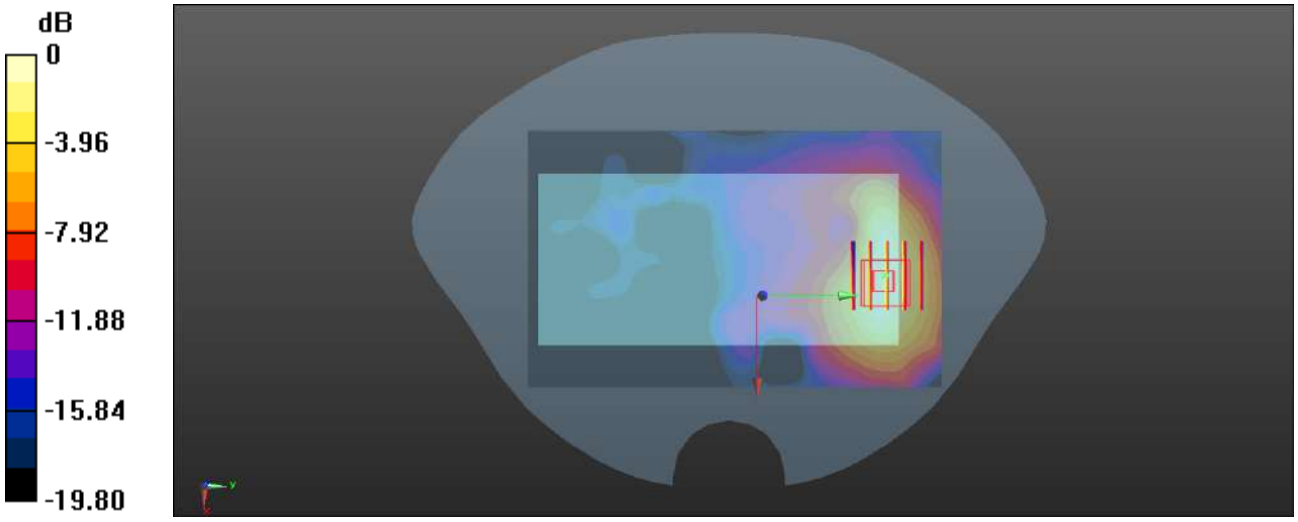


0 dB = 0.004 W/kg

Meas.8 Body Plane with Back Side 15mm on High Channel in WCDMA Band2 mode
Date: 2025.04.11
Communication System Band: 2; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.396 S/m; ε_r = 40.086; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.061 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0870 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 62.6%
Maximum value of SAR (measured) = 0.059 W/kg

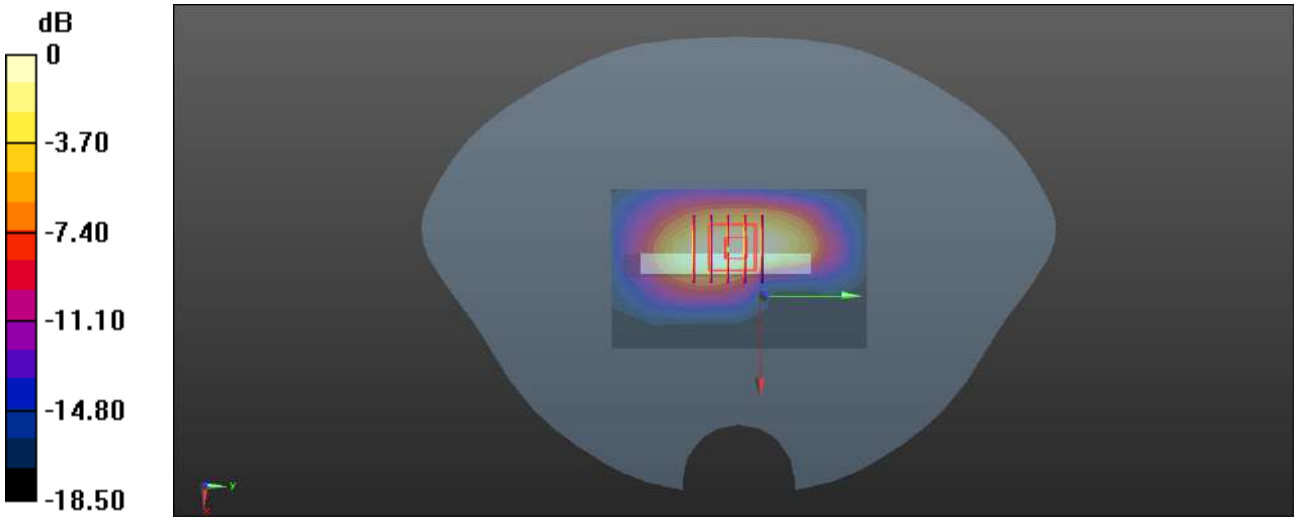


0 dB = 0.059 W/kg

Meas.9 Body Plane with Bottom Edge 10mm on High Channel in WCDMA Band2 mode
Date: 2025.04.11
Communication System Band: 2; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.396 S/m; ε_r = 40.086; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

h9538/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.208 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.732 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.094 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 61%
Maximum value of SAR (measured) = 0.191 W/kg

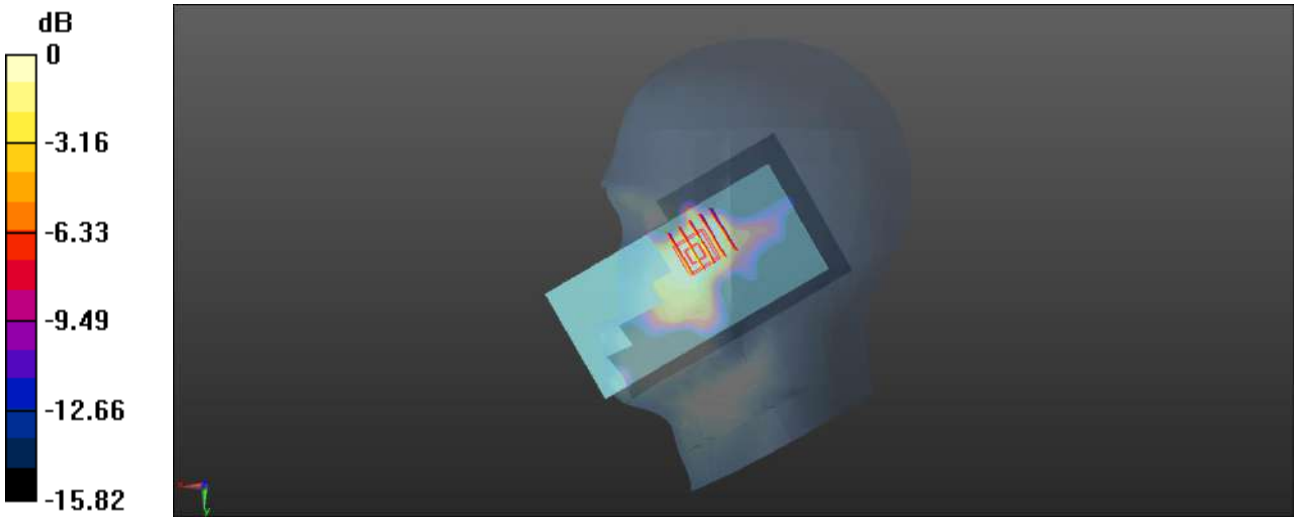


0 dB = 0.191 W/kg

Meas.10 Right Head with Cheek on Low Channel in WCDMA Band4 mode
Date: 2025.04.10
Communication System Band: 4; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.364 S/m; ε_r = 40.81; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.030 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.014 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 75.6%
Maximum value of SAR (measured) = 0.022 W/kg

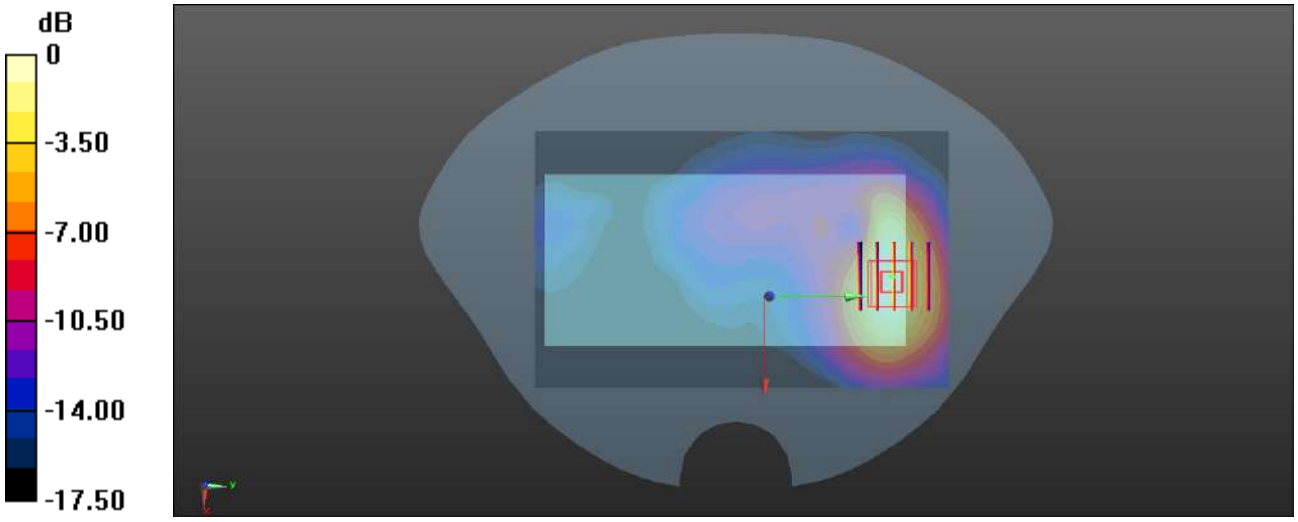


0 dB = 0.022 W/kg

Meas.11 Body Plane with Back Side 15mm on Low Channel in WCDMA Band4 mode
Date: 2025.04.10
Communication System Band: 4; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.364 S/m; ε_r = 40.81; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.159 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.062 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.083 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.6%
Maximum value of SAR (measured) = 0.154 W/kg

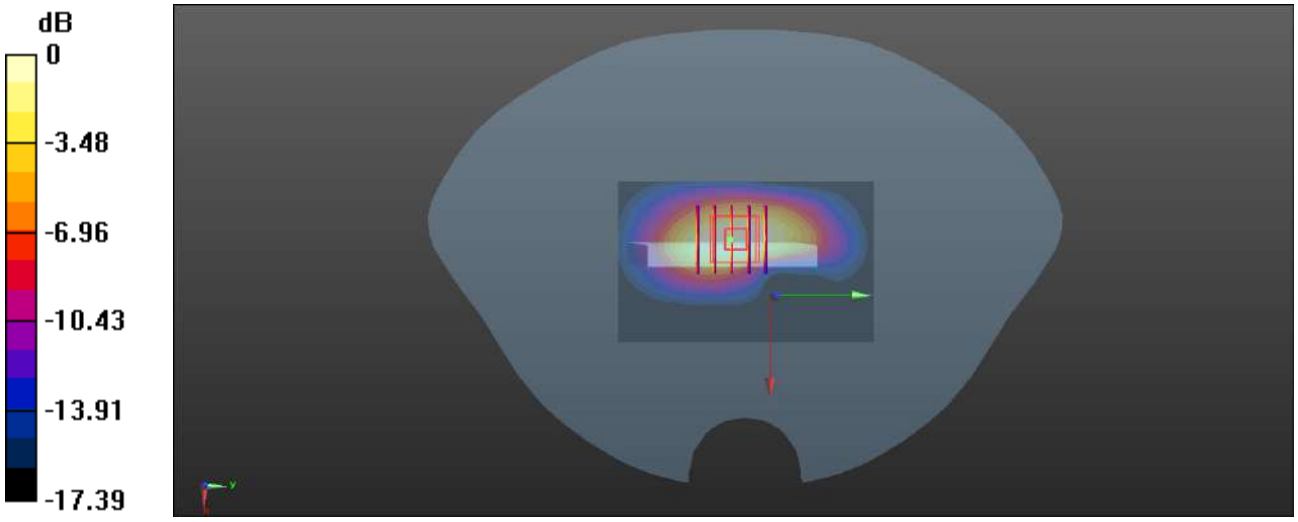


0 dB = 0.154 W/kg

Meas.12 Body Plane with Bottom Edge 10mm on Low Channel in WCDMA Band4 mode
Date: 2025.04.10
Communication System Band: 4; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.364 S/m; ε_r = 40.81; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.644 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.82 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.864 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.276 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 62.4%
Maximum value of SAR (measured) = 0.562 W/kg

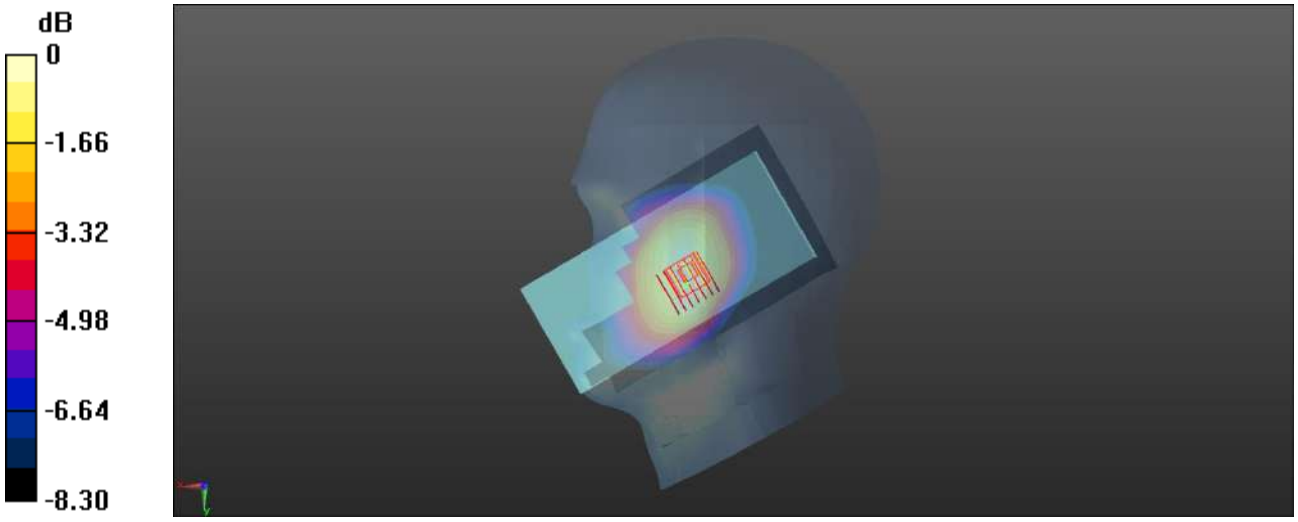


0 dB = 0.562 W/kg

Meas.13 Right Head with Cheek on Low Channel in WCDMA Band5 mode
Date: 2025.03.11
Communication System Band: 5; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.887 S/m; ε_r = 42.359; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Ch4132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.603 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.133 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 84.5%
Maximum value of SAR (measured) = 0.178 W/kg

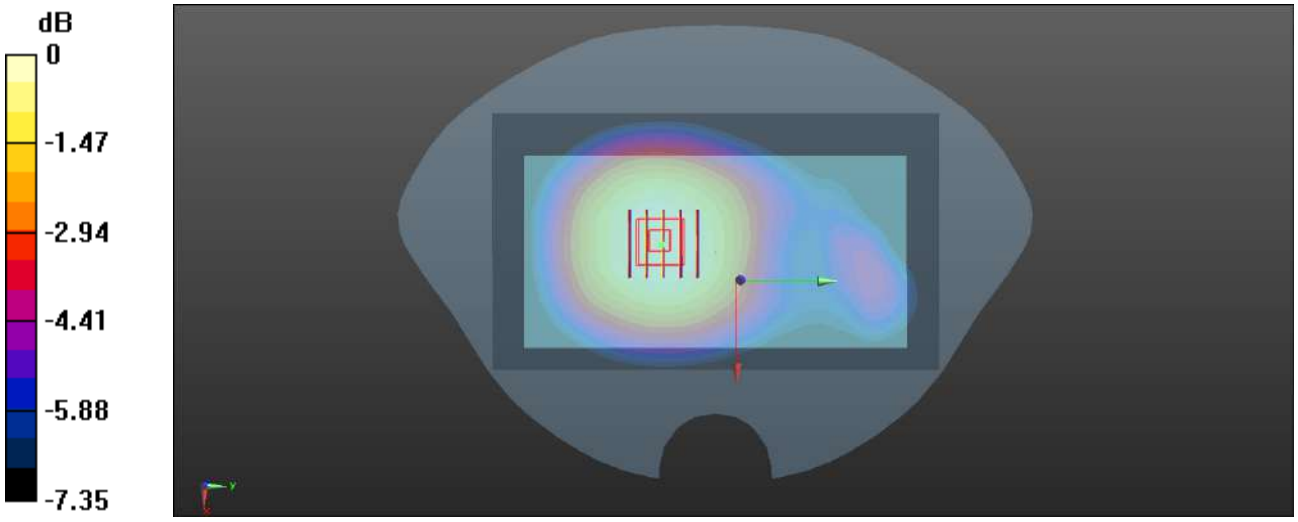


0 dB = 0.178 W/kg

Meas.14 Body Plane with Back Side 15mm on Low Channel in WCDMA Band5 mode
Date: 2025.03.11
Communication System Band: 5; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.887 S/m; ε_r = 42.359; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.063 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.294 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.048 W/kg
Smallest distance from peaks to all points 3 dB below = 17.3 mm
Ratio of SAR at M2 to SAR at M1 = 79%
Maximum value of SAR (measured) = 0.064 W/kg

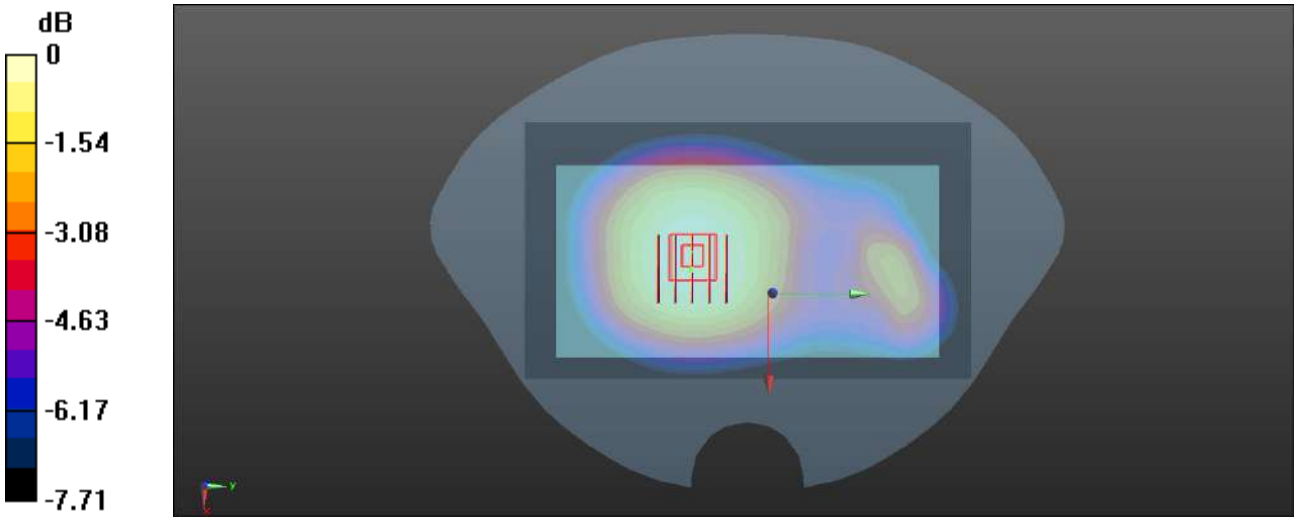


0 dB = 0.064 W/kg

Meas.15 Body Plane with Back Side 10mm on Low Channel in WCDMA Band5 mode
Date: 2025.03.11
Communication System Band: 5; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.887 S/m; ε_r = 42.359; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.075 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.031 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0940 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.058 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.8%
Maximum value of SAR (measured) = 0.078 W/kg

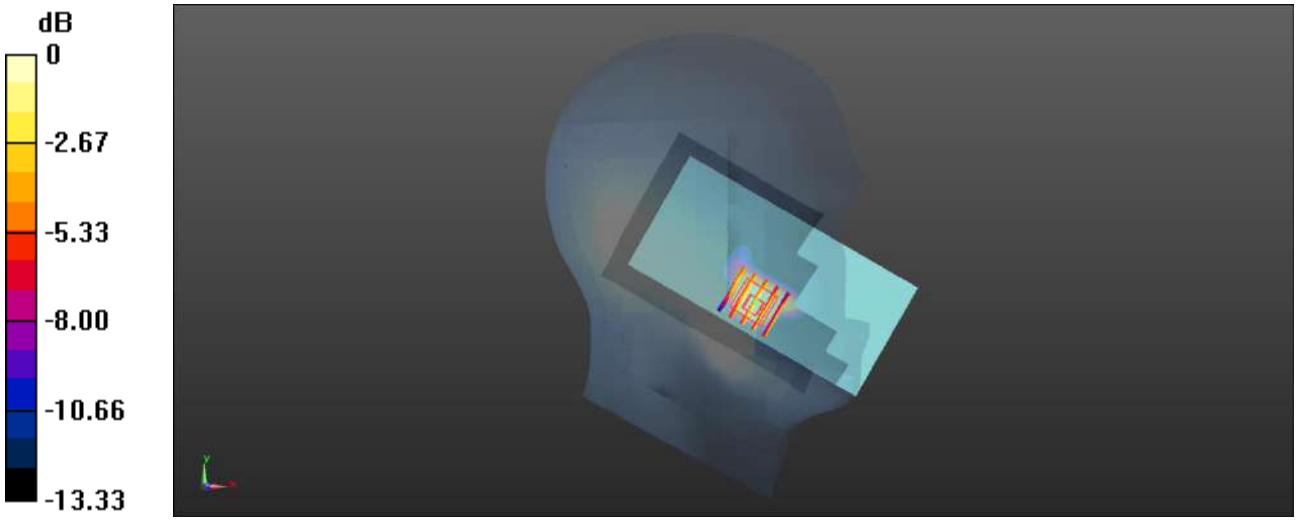


0 dB = 0.078 W/kg

Meas.16 Left Head with Cheek on High Channel in LTE Band2 mode
Date: 2025.04.11
Communication System Band: Band 2; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.38 S/m; ε_r = 40.156; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
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: 2025.01.20
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) = 0.0235 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.012 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 72.9%
Maximum value of SAR (measured) = 0.018 W/kg

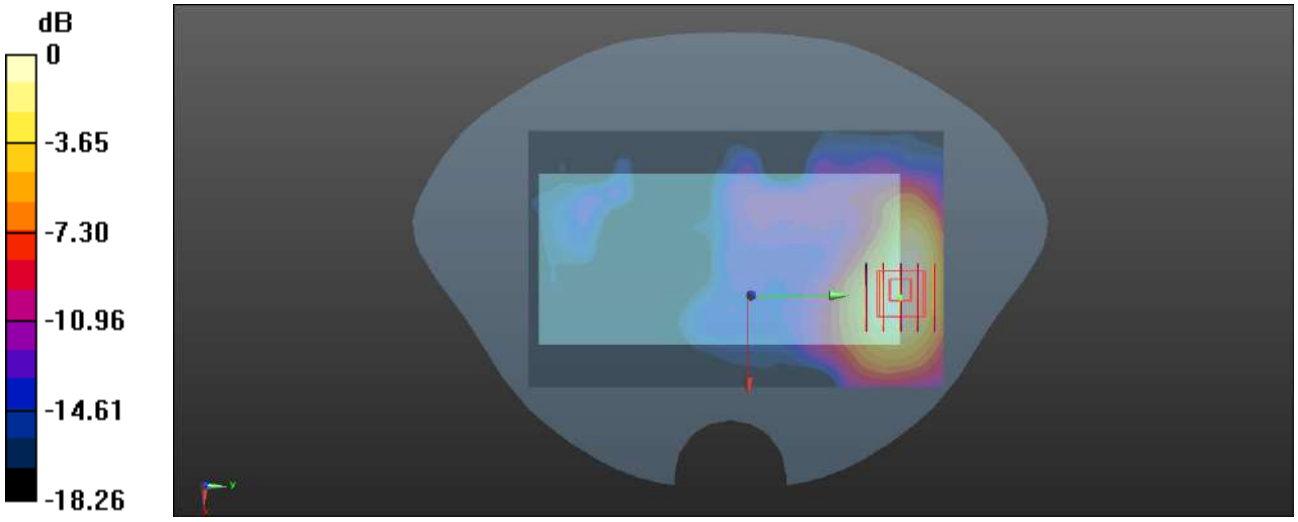


0 dB = 0.018 W/kg

Meas.17 Body Plane with Back Side 15mm on High Channel in LTE Band2 mode
Date: 2025.04.11
Communication System Band: Band 2; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.38 S/m; ε_r = 40.156; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.067 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.2910 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0980 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.036 W/kg
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 63.5%
Maximum value of SAR (measured) = 0.068 W/kg

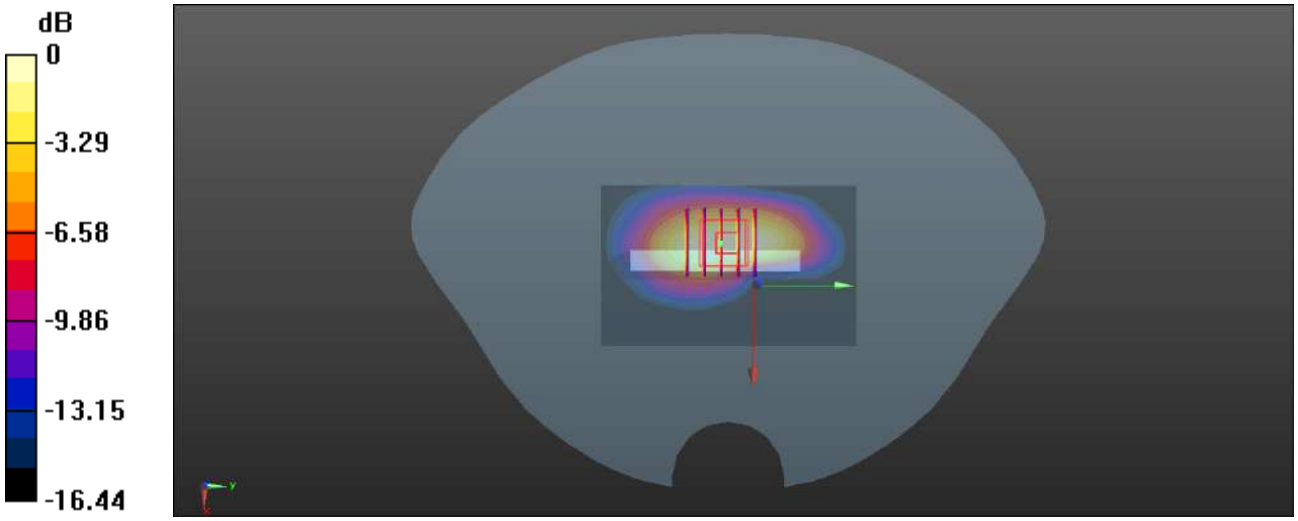


0 dB = 0.068 W/kg

Meas.18 Body Plane with Bottom Edge 10mm on High Channel in LTE Band2 mode
Date: 2025.04.11
Communication System Band: Band 2; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.38 S/m; ε_r = 40.156; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
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: 2025.01.20
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) = 0.234 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.15 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.113 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 0.222 W/kg

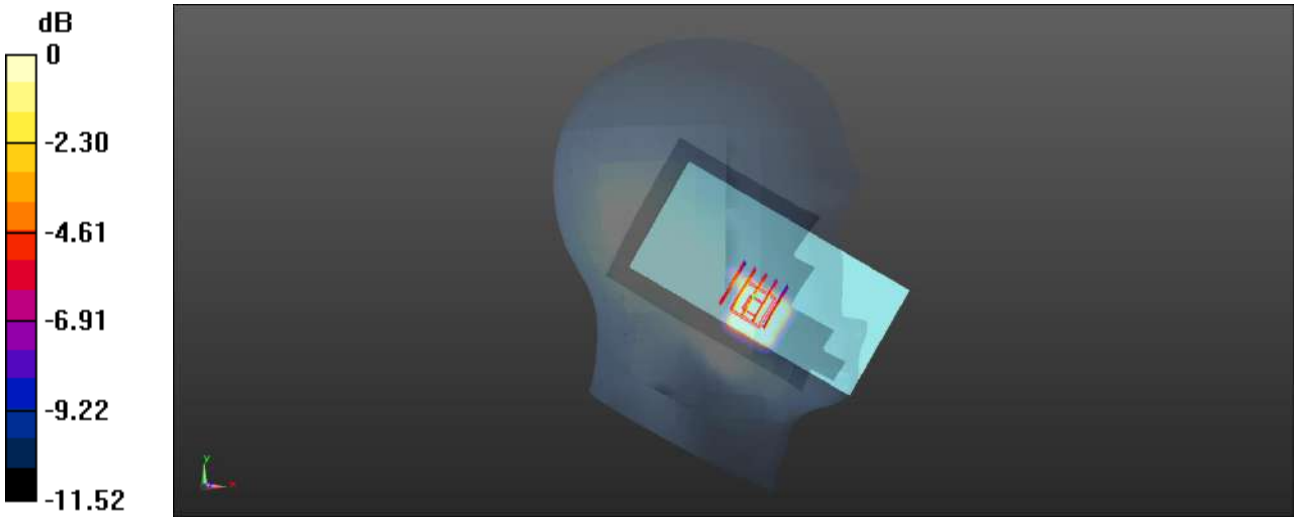


0 dB = 0.222 W/kg

Meas.19 Left Head with Cheek on Low Channel in LTE Band4 mode
Date: 2025.04.10
Communication System Band: Band 4; Frequency: 1720.0 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1720.0 MHz; σ = 1.372 S/m; ε_r = 40.31; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20050/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0366 W/kg

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.012 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 73.7%
Maximum value of SAR (measured) = 0.0180 W/kg

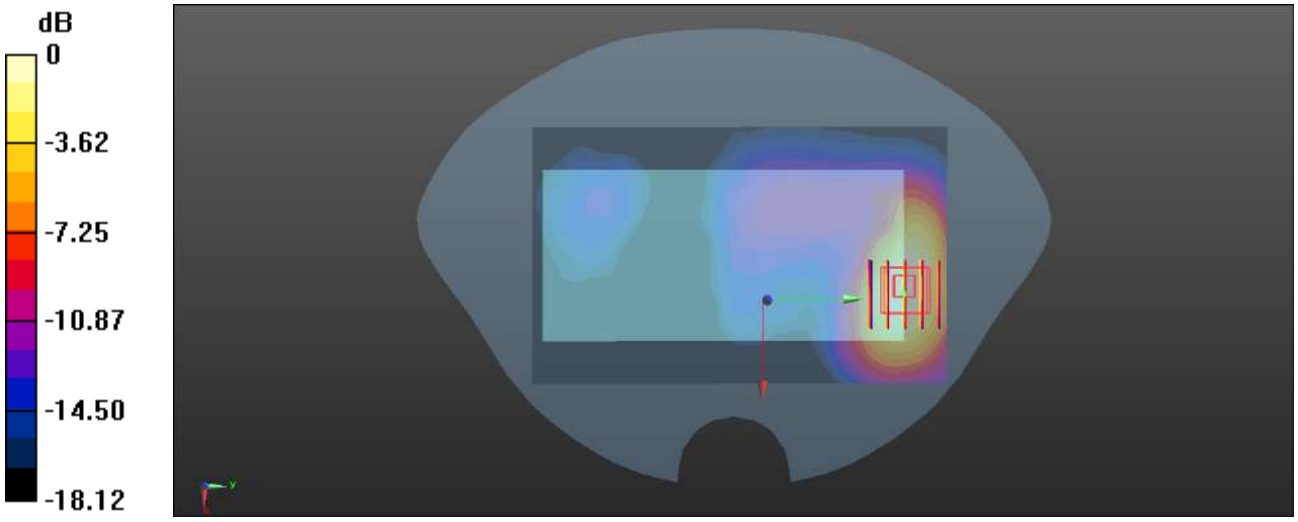


0 dB = 0.0180 W/kg

Meas.20 Body Plane with Back Side 15mm on Low Channel in LTE Band4 mode
Date: 2025.04.10
Communication System Band: Band 4; Frequency: 1720.0 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1720.0 MHz; σ = 1.372 S/m; ε_r = 40.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20050/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.205 W/kg

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.294 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.110 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 64.1%
Maximum value of SAR (measured) = 0.203 W/kg

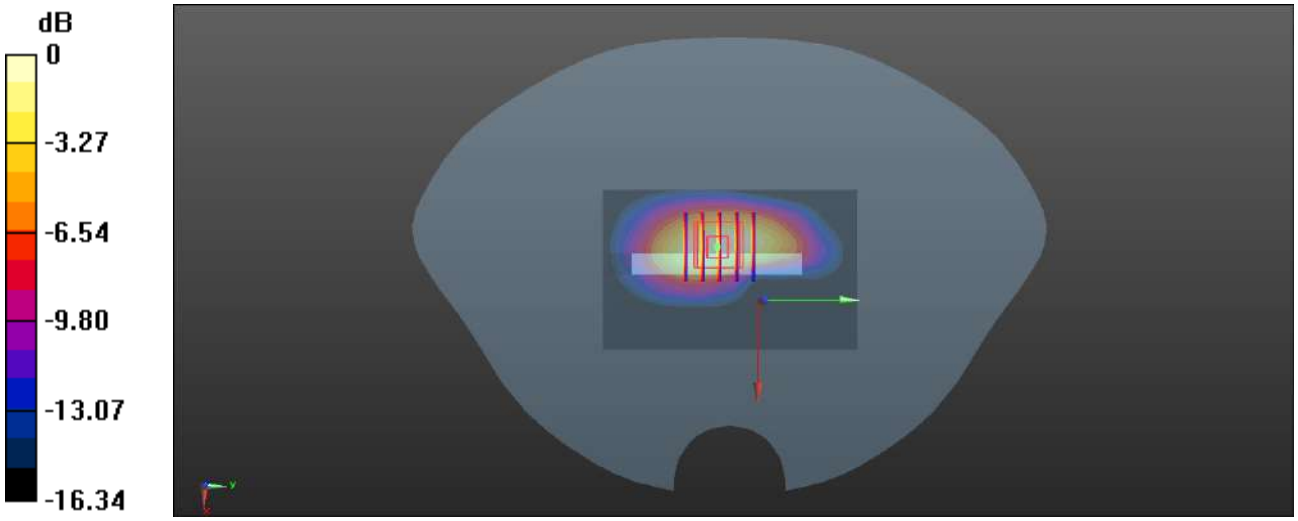


0 dB = 0.203 W/kg

Meas.21 Body Plane with Bottom Edge 10mm on Low Channel in LTE Band4 mode
Date: 2025.04.10
Communication System Band: Band 4; Frequency: 1720.0 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1720.0 MHz; σ = 1.372 S/m; ε_r = 40.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20050/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.691 W/kg

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.95 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.318 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 64.4%
Maximum value of SAR (measured) = 0.631 W/kg

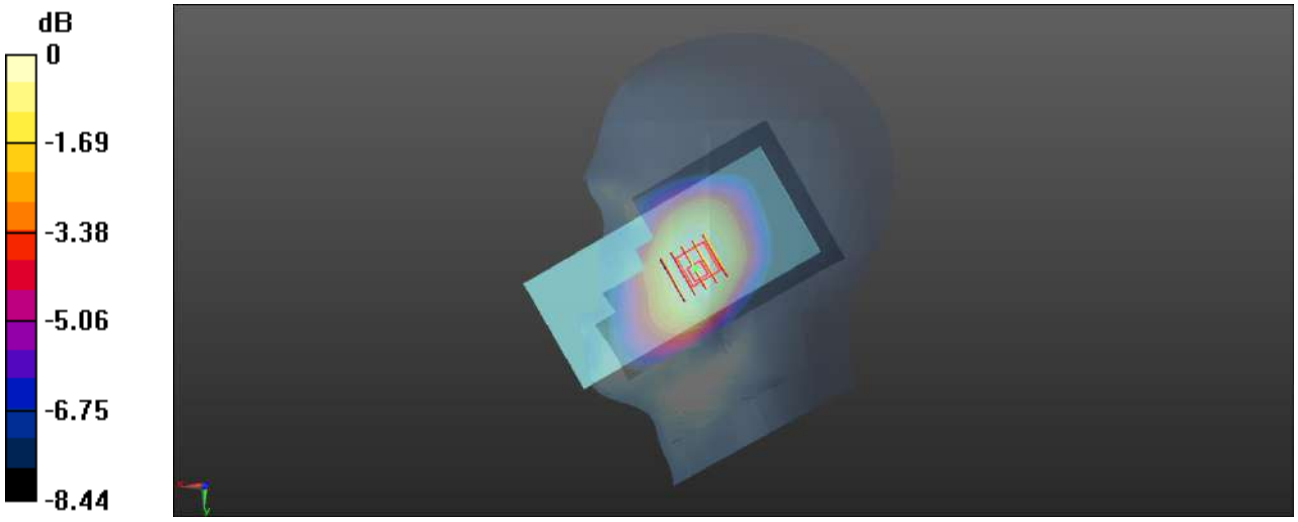


0 dB = 0.631 W/kg

Meas.22 Right Head with Cheek on Low Channel in LTE Band5 mode
Date: 2025.03.11
Communication System Band: Band 5; Frequency: 829.0 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 829.0 MHz; σ = 0.893 S/m; ε_r = 42.216; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.068 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.120 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 84.1%
Maximum value of SAR (measured) = 0.156 W/kg

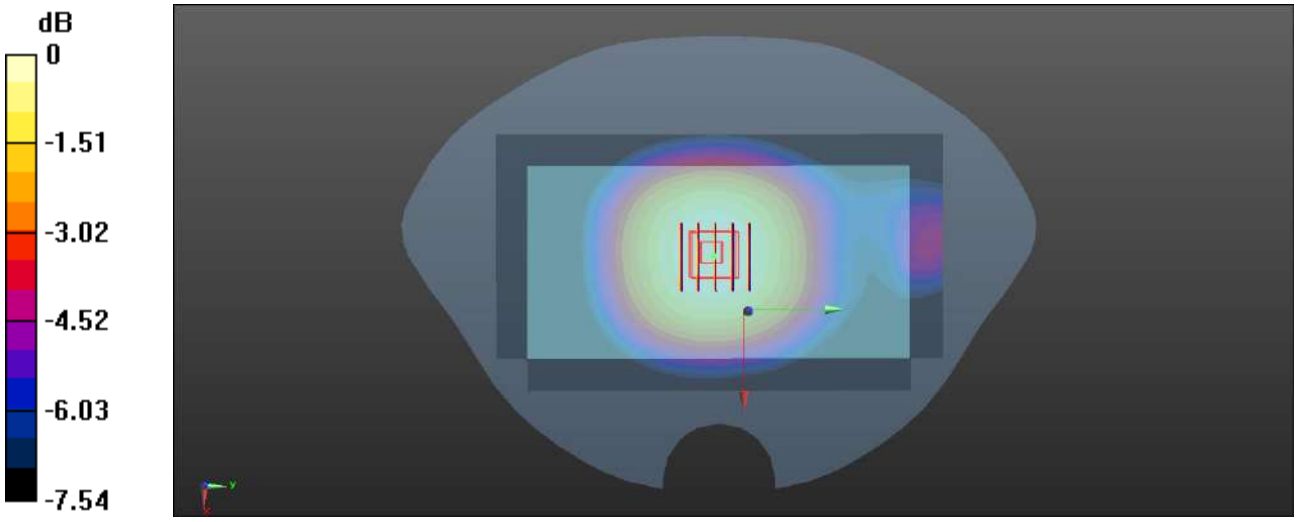


0 dB = 0.156 W/kg

Meas.23 Body Plane with Back Side 15mm on Low Channel in LTE Band5 mode
Date: 2025.03.11
Communication System Band: Band 5; Frequency: 829.0 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 829.0 MHz; σ = 0.893 S/m; ε_r = 42.216; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.56 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.116 W/kg
Smallest distance from peaks to all points 3 dB below = 18.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.7%
Maximum value of SAR (measured) = 0.158 W/kg

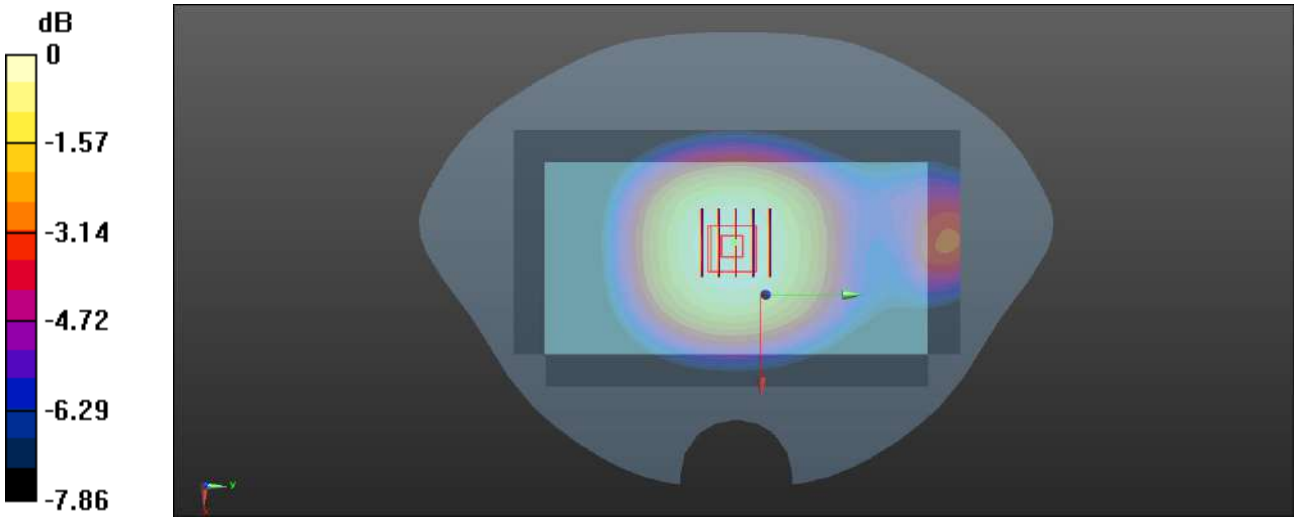


0 dB = 0.158 W/kg

Meas.24 Body Plane with Back Side 10mm on Low Channel in LTE Band5 mode
Date: 2025.03.11
Communication System Band: Band 5; Frequency: 829.0 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 829.0 MHz; σ = 0.893 S/m; ε_r = 42.216; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃ 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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.166 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.40 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.122 W/kg
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 78.9%
Maximum value of SAR (measured) = 0.166 W/kg

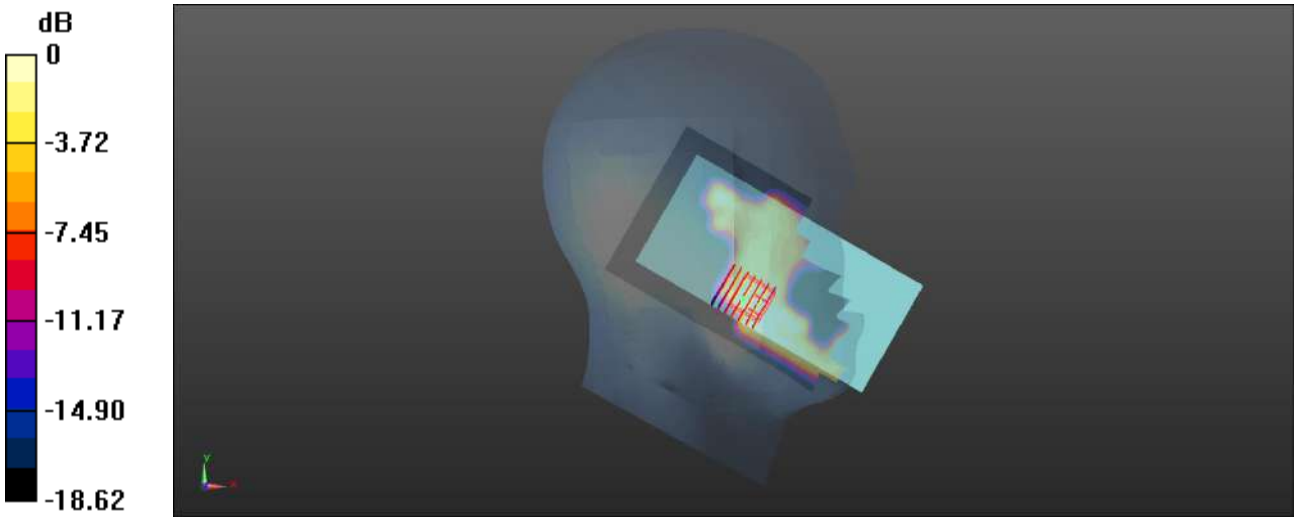


0 dB = 0.166 W/kg

Meas.25 Left Head with Cheek on Middle Channel in LTE Band7 mode
Date: 2025.04.13
Communication System Band: Band 7; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.912 S/m; ε_r = 39.943; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.2℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0887 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.036 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.5%
Maximum value of SAR (measured) = 0.0678 W/kg

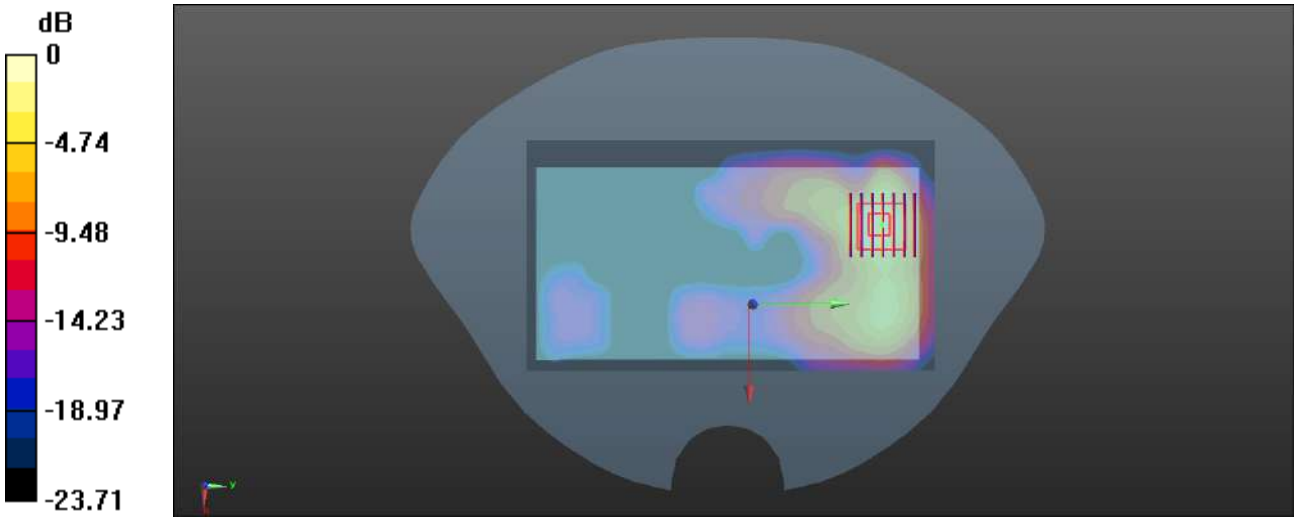


0 dB = 0.0678 W/kg

Meas.26 Body Plane with Back Side 15mm on Middle Channel in LTE Band7 mode
Date: 2025.04.13
Communication System Band: Band 7; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.912 S/m; ε_r = 39.943; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.2℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.315 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.4620 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.118 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 49.8%
Maximum value of SAR (measured) = 0.311 W/kg

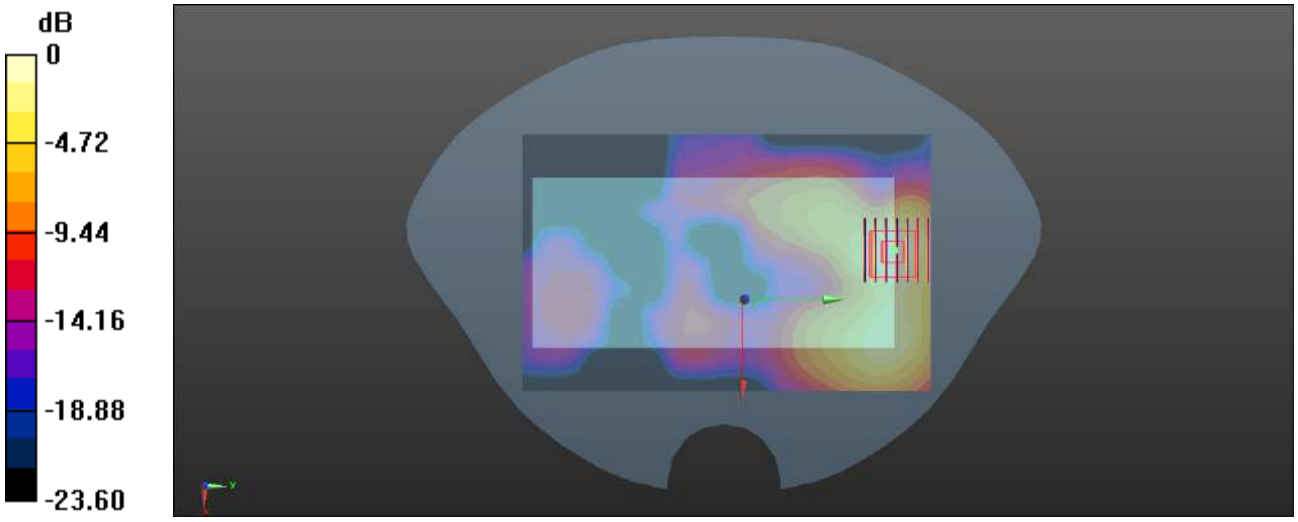


0 dB = 0.311 W/kg

Meas.27 Body Plane with Back Side 10mm on Middle Channel in LTE Band7 mode
Date: 2025.04.13
Communication System Band: Band 7; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.912 S/m; ε_r = 39.943; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.2℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.342 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.536 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.580 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.140 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 0.332 W/kg

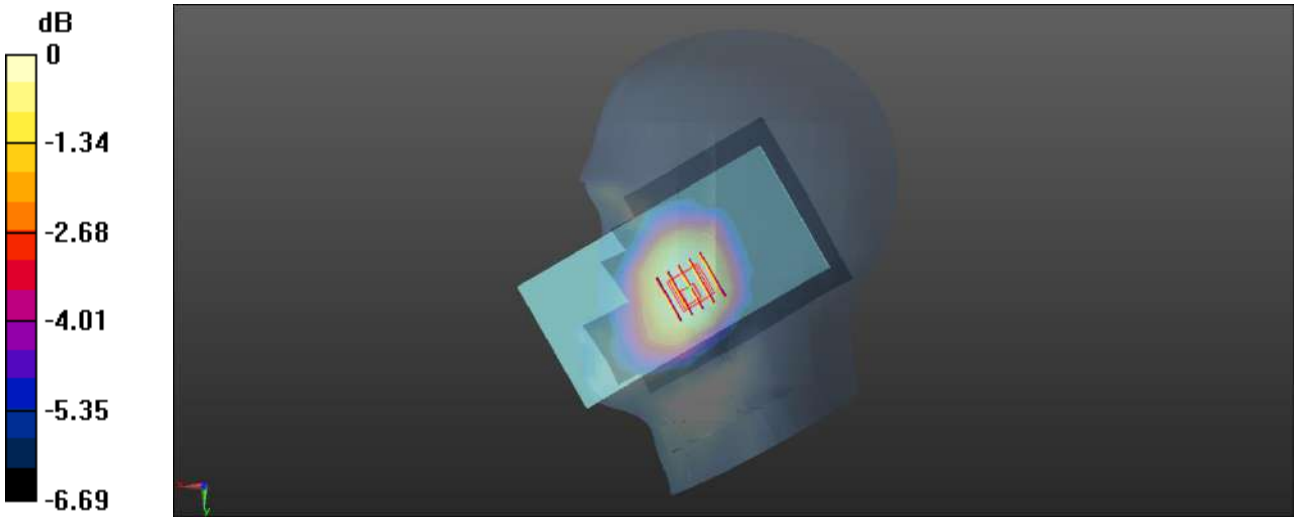


0 dB = 0.332 W/kg

Meas.28 Right Head with Cheek on Middle Channel in LTE Band12 mode
Date: 2025.03.10
Communication System Band: Band 12; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.882 S/m; ε_r = 42.007; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0523 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.098 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 85.1%
Maximum value of SAR (measured) = 0.203 W/kg

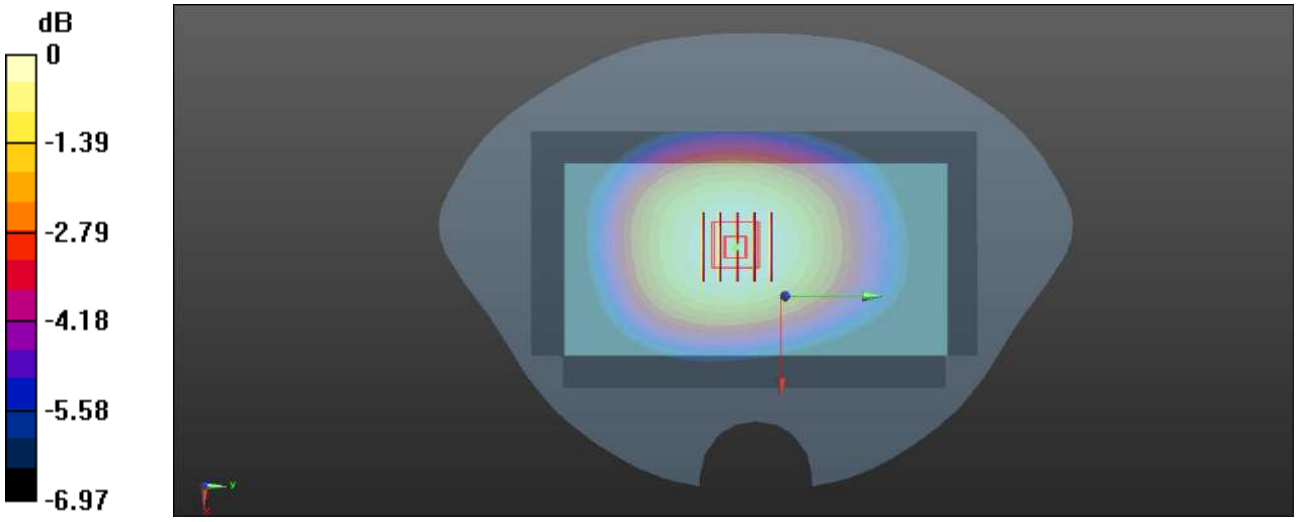


0 dB = 0.203 W/kg

Meas.29 Body Plane with Back Side 15mm on Middle Channel in LTE Band12 mode
Date: 2025.03.10
Communication System Band: Band 12; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.882 S/m; ε_r = 42.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.310 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.34 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.225 W/kg
Smallest distance from peaks to all points 3 dB below = 19.3 mm
Ratio of SAR at M2 to SAR at M1 = 80.8%
Maximum value of SAR (measured) = 0.300 W/kg

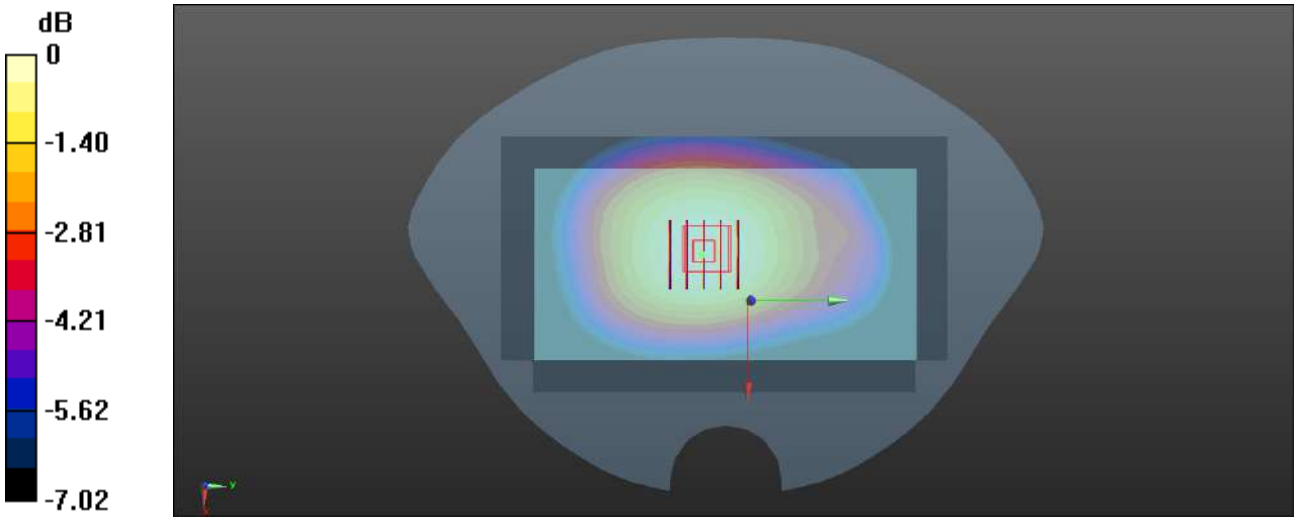


0 dB = 0.300 W/kg

Meas.30 Body Plane with Back Side 10mm on Middle Channel in LTE Band12 mode
Date: 2025.03.10
Communication System Band: Band 12; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.882 S/m; ε_r = 42.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.331 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.82 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.249 W/kg
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 81%
Maximum value of SAR (measured) = 0.331 W/kg

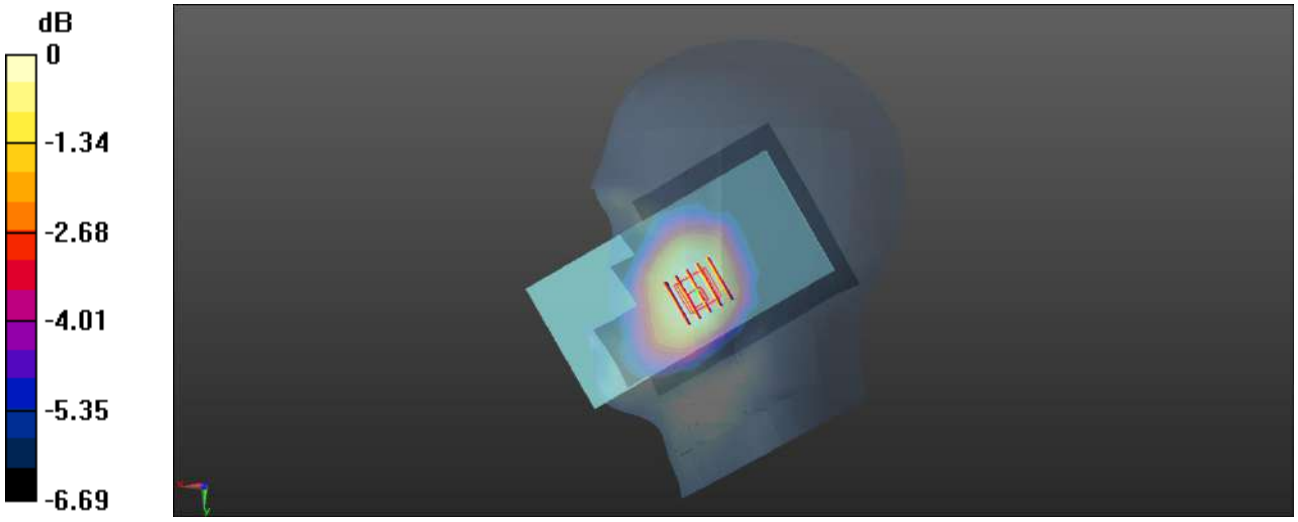


0 dB = 0.331 W/kg

Meas.31 Right Head with Cheek on Middle Channel in LTE Band17 mode
Date: 2025.03.10
Communication System Band: Band 17; Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 710 MHz; σ = 0.886 S/m; ε_r = 41.89; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23790/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0523 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.098 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.148 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 85.1%
Maximum value of SAR (measured) = 0.221 W/kg

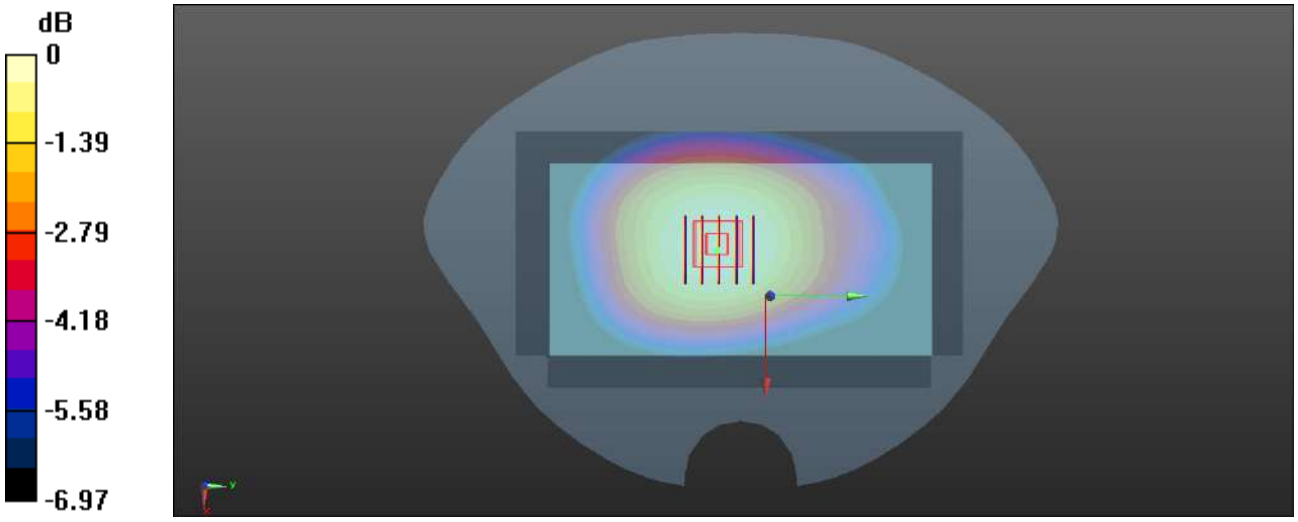


0 dB = 0.221 W/kg

Meas.32 Body Plane with Back Side 15mm on Middle Channel in LTE Band17 mode
Date: 2025.03.10
Communication System Band: Band 17; Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 710 MHz; σ = 0.886 S/m; ε_r = 41.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23790/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.316 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.91 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.240 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 81.1%
Maximum value of SAR (measured) = 0.317 W/kg

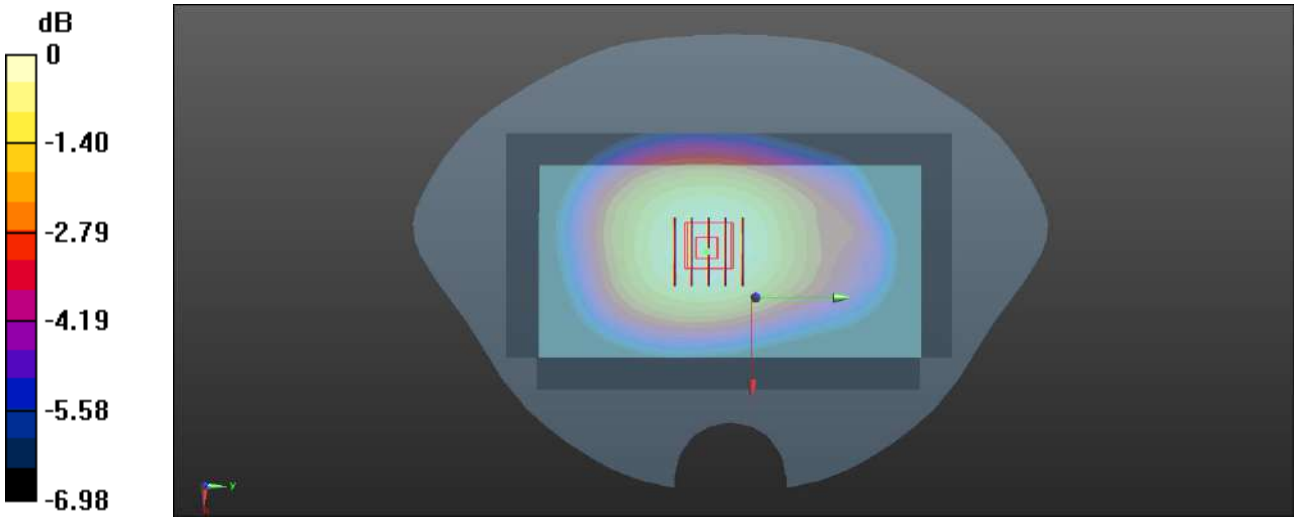


0 dB = 0.317 W/kg

Meas.33 Body Plane with Back Side 10mm on Middle Channel in LTE Band17 mode
Date: 2025.03.10
Communication System Band: Band 17; Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 710 MHz; σ = 0.886 S/m; ε_r = 41.89; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23790/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.331 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.11 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.249 W/kg
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 81%
Maximum value of SAR (measured) = 0.329 W/kg

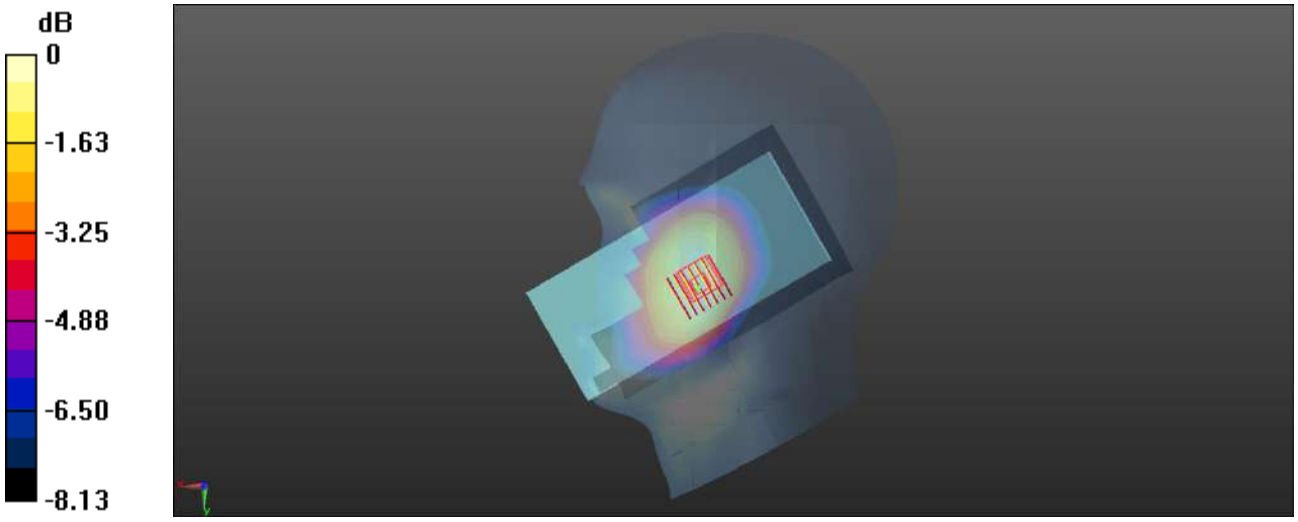


0 dB = 0.329 W/kg

Meas.34 Right Head with Cheek on Middle Channel in LTE Band18 mode
Date: 2025.03.12
Communication System Band: Band 18; Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 822.5 MHz; σ = 0.913 S/m; ε_r = 41.908; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.214 W/kg

Ch23925/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.490 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.157 W/kg
Smallest distance from peaks to all points 3 dB below = 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 83.4%
Maximum value of SAR (measured) = 0.207 W/kg

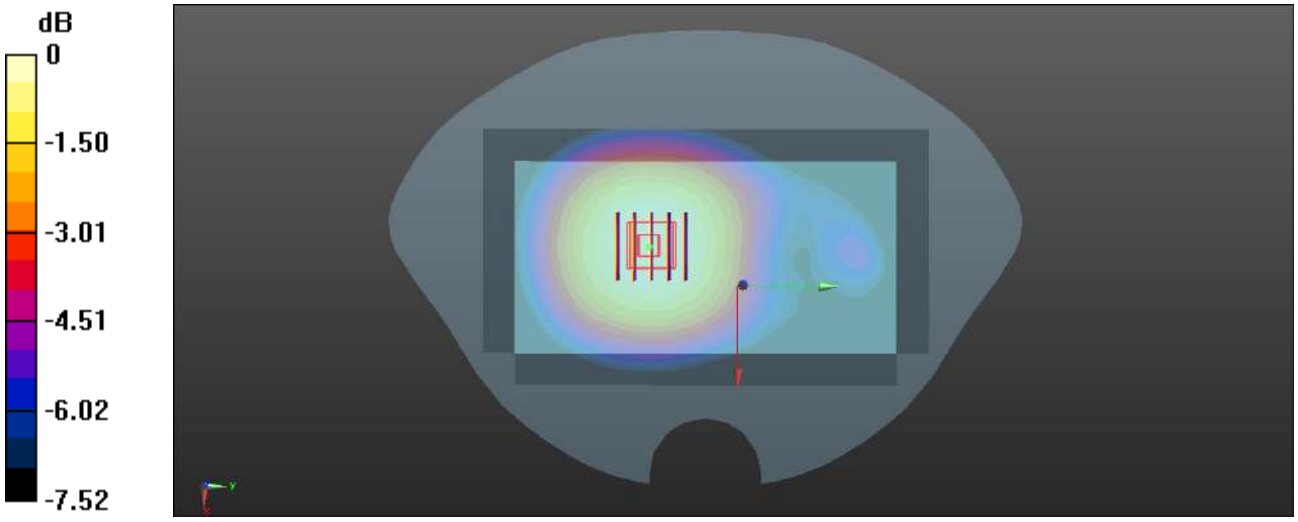


0 dB = 0.207 W/kg

Meas.35 Body Plane with Back Side 15mm on Middle Channel in LTE Band18 mode
Date: 2025.03.12
Communication System Band: Band 18; Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 822.5 MHz; σ = 0.913 S/m; ε_r = 41.908; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.205 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.54 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.147 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.5%
Maximum value of SAR (measured) = 0.202 W/kg

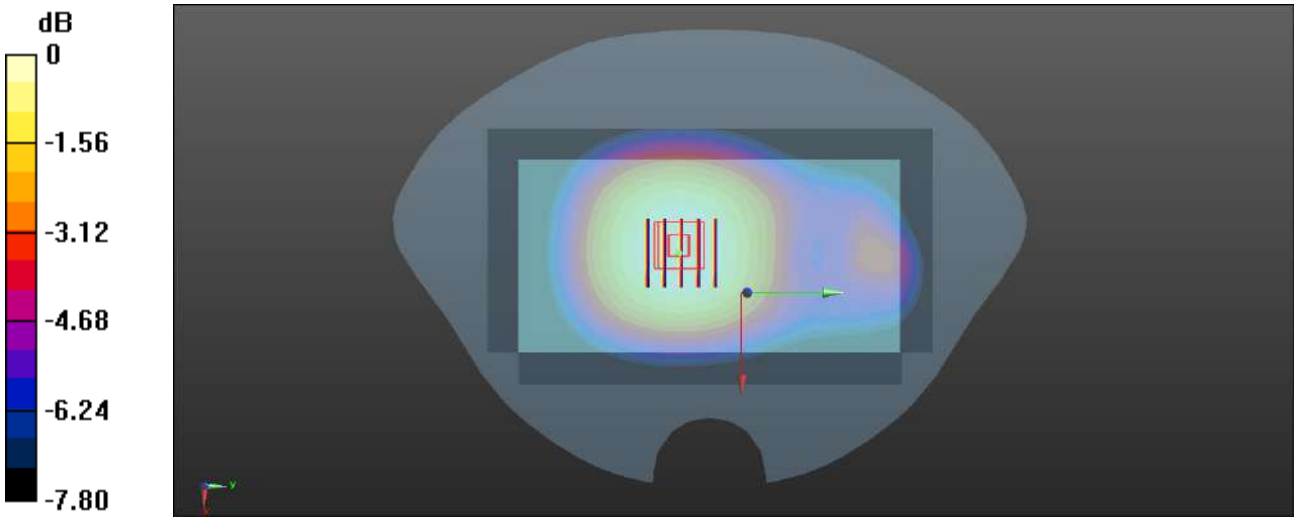


0 dB = 0.202 W/kg

Meas.36 Body Plane with Back Side 10mm on Middle Channel in LTE Band18 mode
Date: 2025.03.12
Communication System Band: Band 18; Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 822.5 MHz; σ = 0.913 S/m; ε_r = 41.908; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.270 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.87 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.190 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 79%
Maximum value of SAR (measured) = 0.258 W/kg

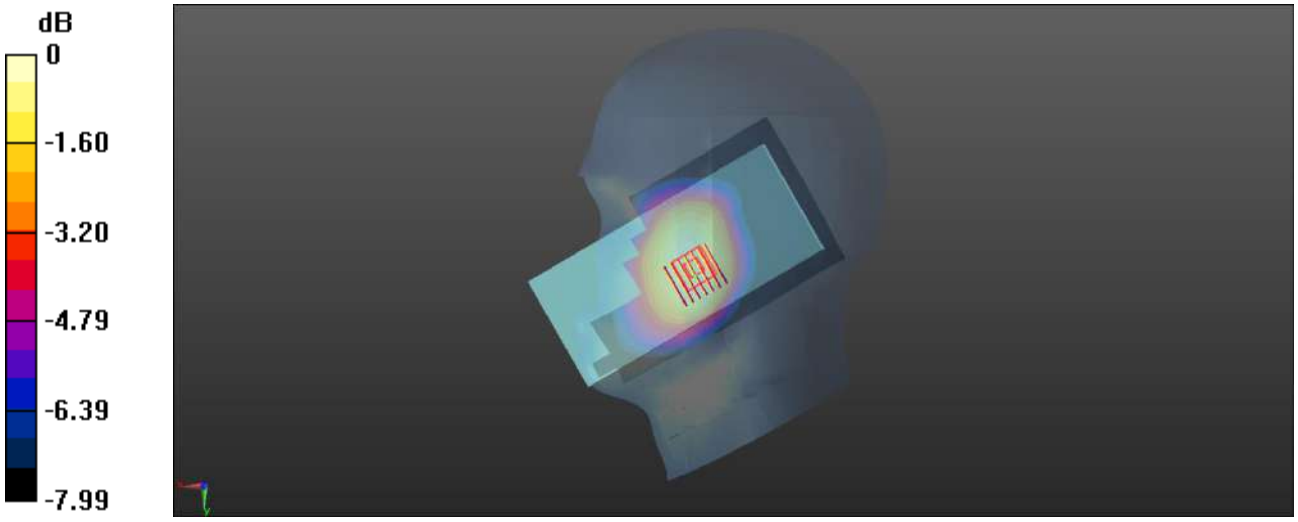


0 dB = 0.258 W/kg

Meas.37 Right Head with Cheek on Middle Channel in LTE Band19 mode
Date: 2025.03.12
Communication System Band: Band 19; Frequency: 837.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 837.5 MHz; σ = 0.927 S/m; ε_r = 41.214; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.156 W/kg

Ch24075/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.036 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.121 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 85%
Maximum value of SAR (measured) = 0.157 W/kg

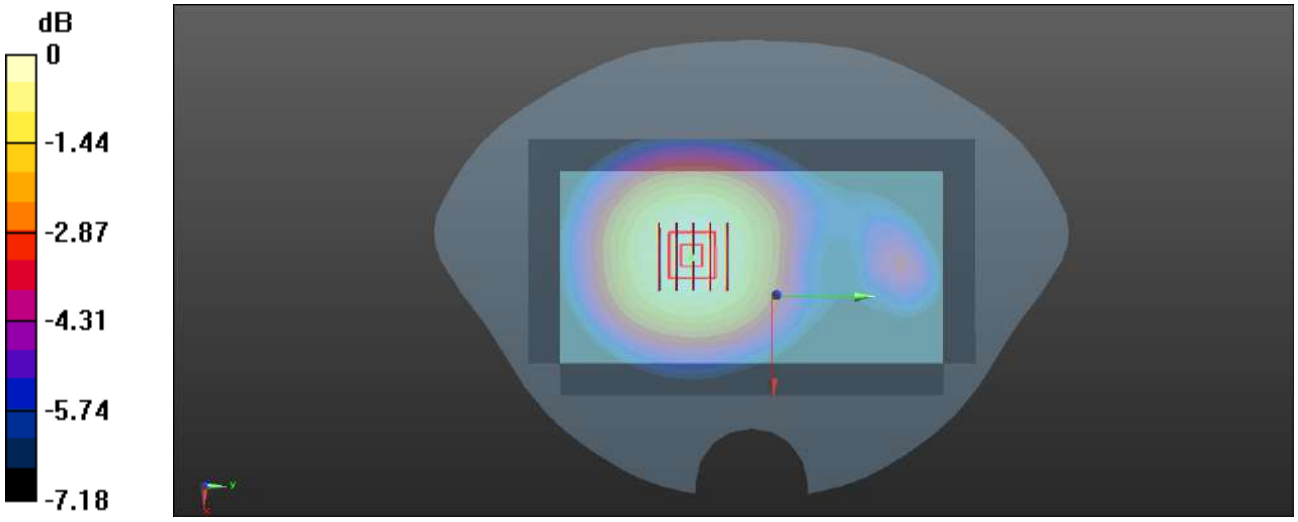


0 dB = 0.157 W/kg

Meas.38 Body Plane with Back Side 15mm on Middle Channel in LTE Band19 mode
Date: 2025.03.12
Communication System Band: Band 19; Frequency: 837.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 837.5 MHz; σ = 0.927 S/m; ε_r = 41.214; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.149 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.39 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.109 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 78.8%
Maximum value of SAR (measured) = 0.149 W/kg

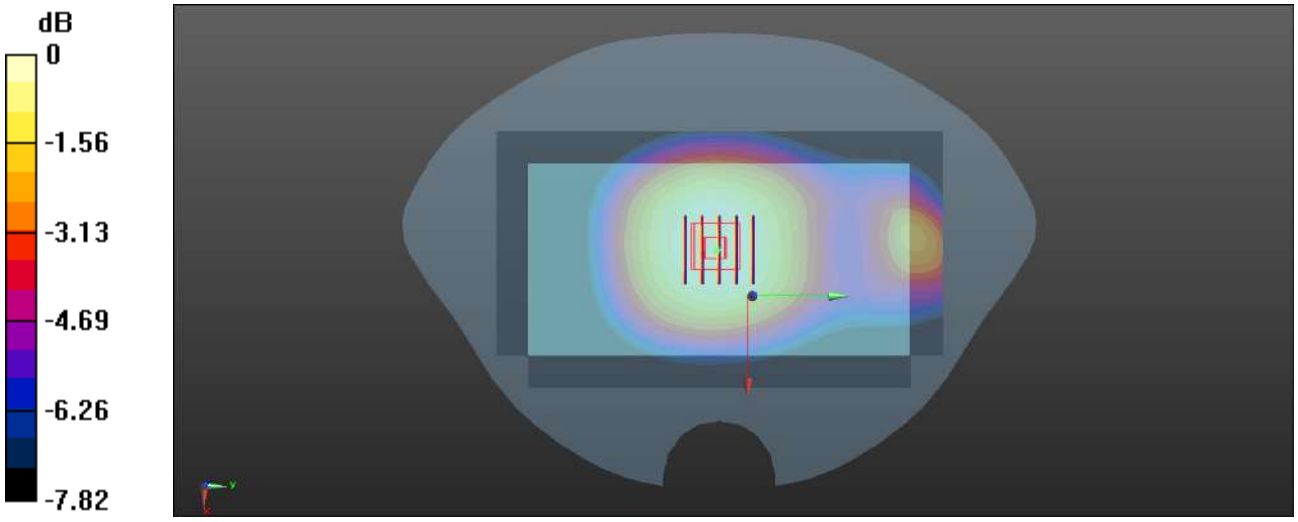


0 dB = 0.149 W/kg

Meas.39 Body Plane with Back Side 10mm on Middle Channel in LTE Band19 mode
Date: 2025.03.12
Communication System Band: Band 19; Frequency: 837.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 837.5 MHz; σ = 0.927 S/m; ε_r = 41.214; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.200 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.74 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.143 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 78.9%
Maximum value of SAR (measured) = 0.196 W/kg

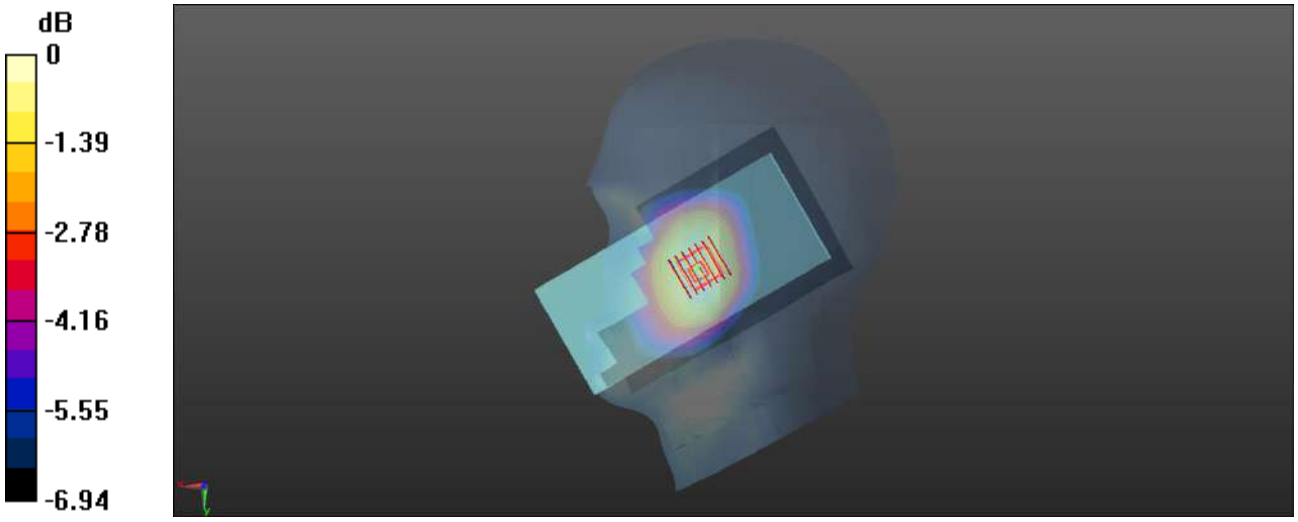


0 dB = 0.196 W/kg

Meas.40 Right Head with Cheek on Middle Channel in LTE Band26 mode
Date: 2025.03.12
Communication System Band: Band 26; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.916 S/m; ε_r = 41.74; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.172 W/kg

Ch26865/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.654 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 84.6%
Maximum value of SAR (measured) = 0.174 W/kg

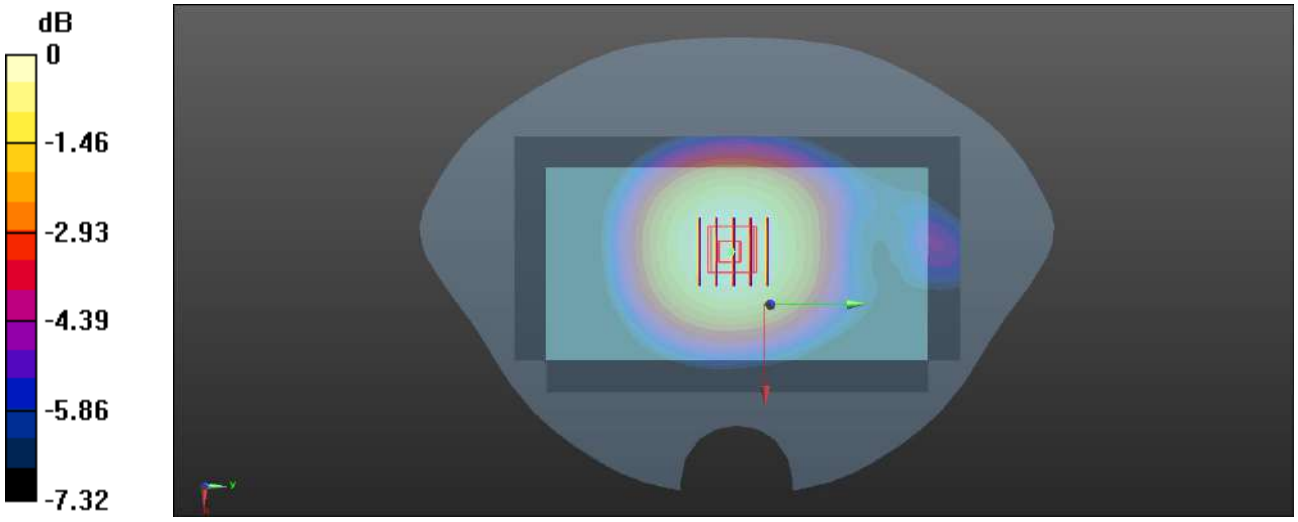


0 dB = 0.174 W/kg

Meas.41 Body Plane with Back Side 15mm on Middle Channel in LTE Band26 mode
Date: 2025.03.12
Communication System Band: Band 26; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.916 S/m; ε_r = 41.74; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.180 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.91 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.132 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 79.4%
Maximum value of SAR (measured) = 0.179 W/kg

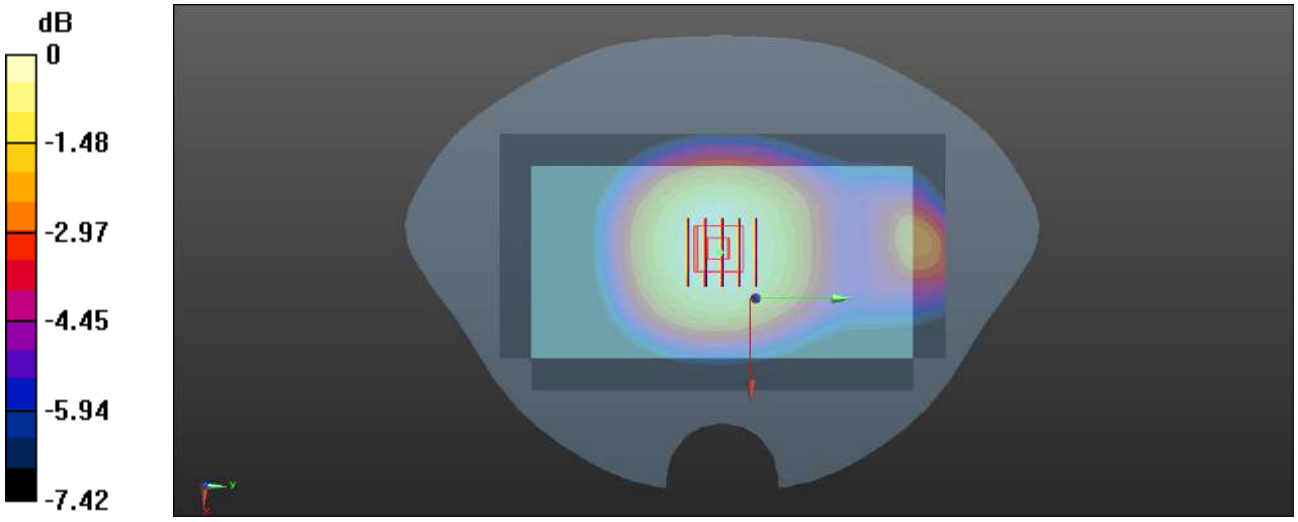


0 dB = 0.179 W/kg

Meas.42 Body Plane with Back Side 10mm on Middle Channel in LTE Band26 mode
Date: 2025.03.12
Communication System Band: Band 26; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.916 S/m; ε_r = 41.74; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7℃ Liquid Temperature:21.2℃
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: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.224 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.98 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.162 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 80.1%
Maximum value of SAR (measured) = 0.218 W/kg

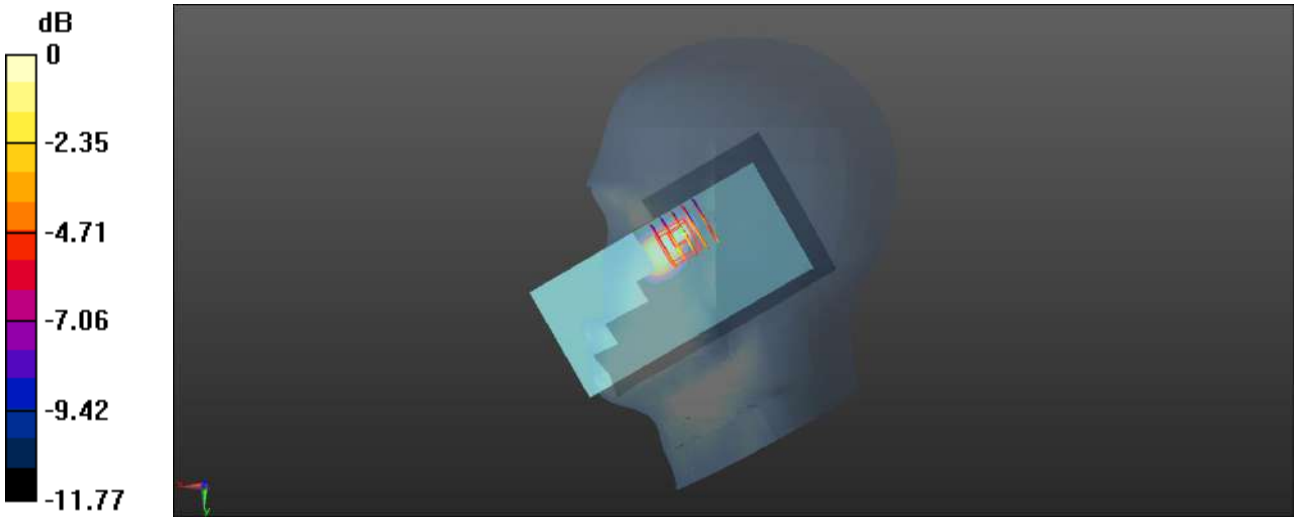


0 dB = 0.218 W/kg

Meas.43 Right Head with Cheek on Low Channel in LTE Band66 mode
Date: 2025.04.10
Communication System Band: Band 66; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1720 MHz; σ = 1.372 S/m; ε_r = 40.31; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.007 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 0.007 W/kg; SAR(10 g) = 0.004 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 74.8%
Maximum value of SAR (measured) = 0.007 W/kg

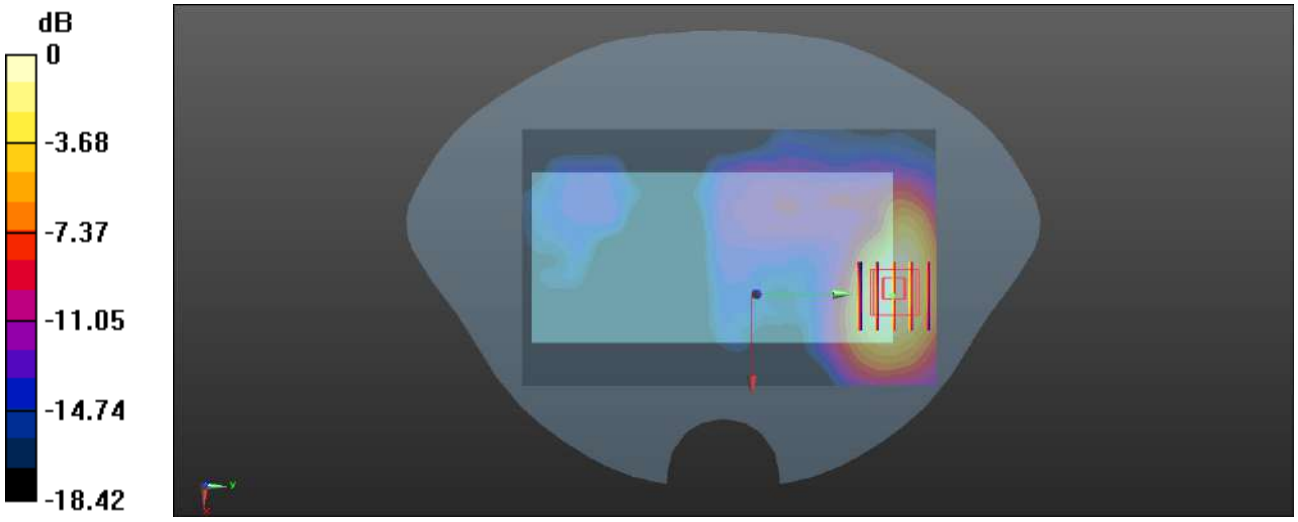


0 dB = 0.007 W/kg

Meas.44 Body Plane with Back Side 15mm on Low Channel in LTE Band66 mode
Date: 2025.04.10
Communication System Band: Band 66; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1720 MHz; σ = 1.372 S/m; ε_r = 40.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.180 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.4410 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.093 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.6%
Maximum value of SAR (measured) = 0.173 W/kg

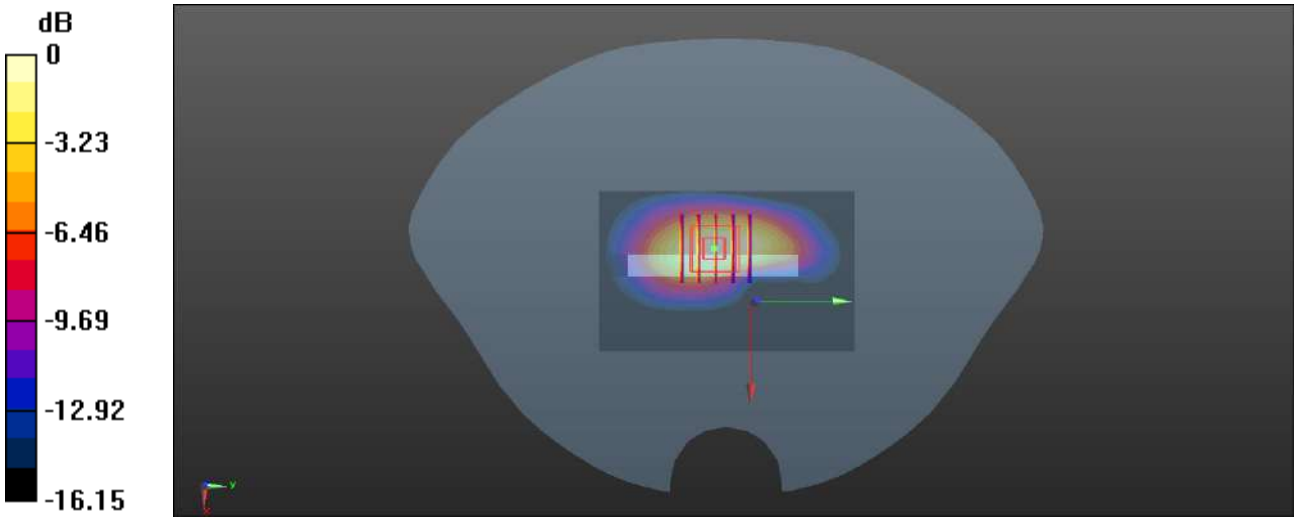


0 dB = 0.173 W/kg

Meas.45 Body Plane with Bottom Edge 10mm on Low Channel in LTE B66 mode
Date: 2025.04.10
Communication System Band: Band 66; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1720 MHz; σ = 1.372 S/m; ε_r = 40.31; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.2℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.723 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.75 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.330 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 64.4%
Maximum value of SAR (measured) = 0.653 W/kg

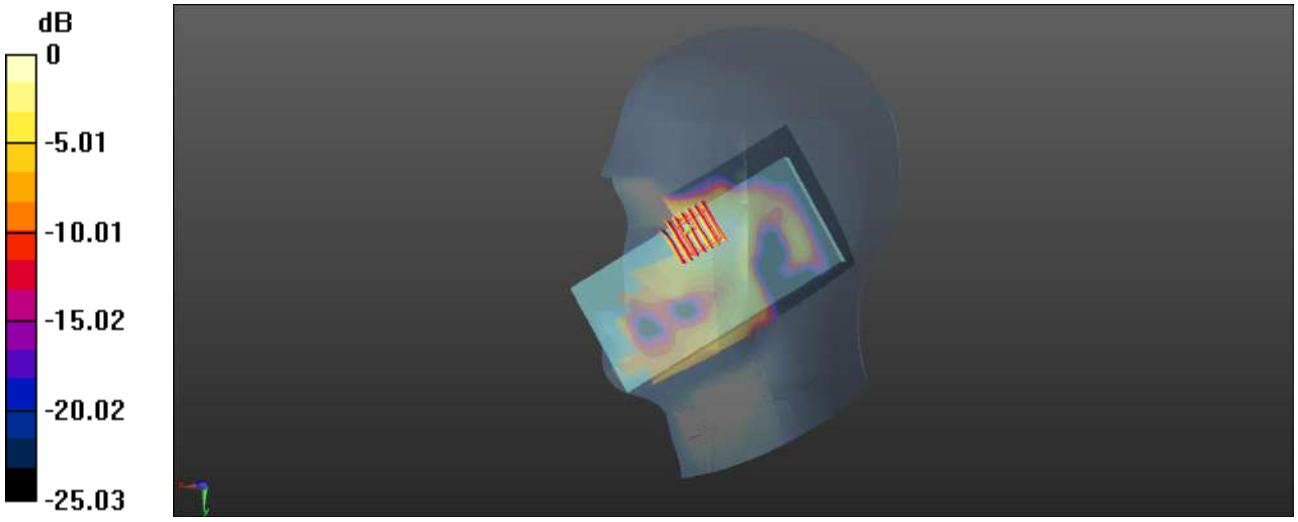


0 dB = 0.653 W/kg

Meas.46 Right Head with Cheek on High Channel in LTE Band38 mode
Date: 2025.04.06
Communication System Band: Band 38; Frequency: 2610 MHz;Duty Cycle: 1:1.58
Medium parameters used (interpolated): f = 2610 MHz; σ = 1.998 S/m; ε_r = 38.635; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.6℃ Liquid Temperature:21.5℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.081 W/kg

Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.588 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.043 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 49.8%
Maximum value of SAR (measured) = 0.085 W/kg

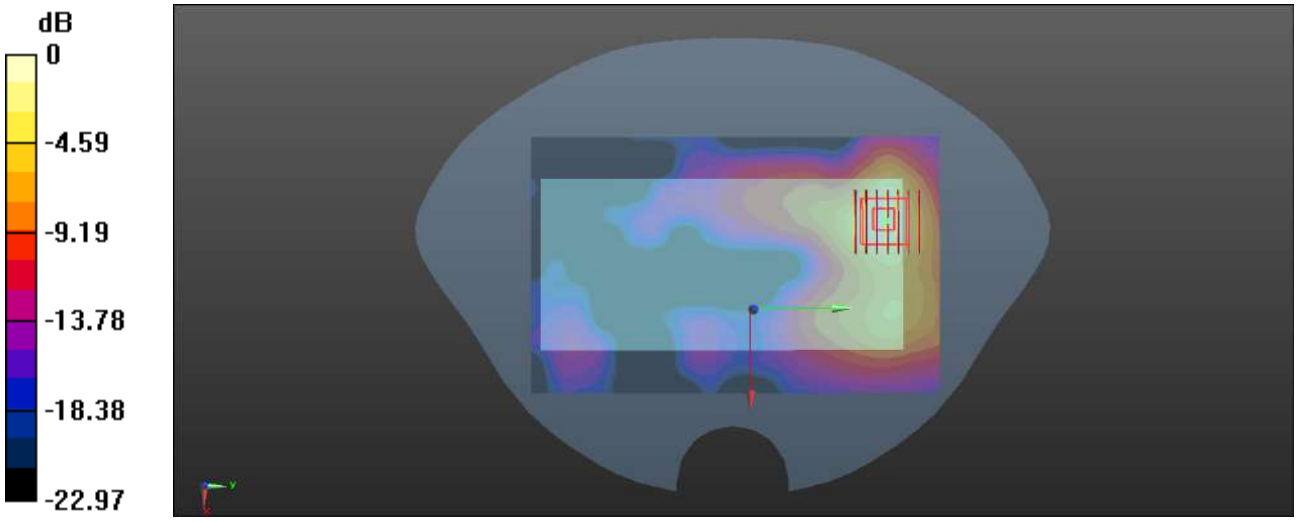


0 dB = 0.085 W/kg

Meas.47 Body Plane with Back Side 15mm on High Channel in LTE Band38 mode
Date: 2025.04.06
Communication System Band: Band 38; Frequency: 2610 MHz;Duty Cycle: 1:1.58
Medium parameters used (interpolated): f = 2610 MHz; σ = 1.998 S/m; ε_r = 38.635; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.6℃ Liquid Temperature:21.5℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.242 W/kg

Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.5390 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.100 W/kg
Smallest distance from peaks to all points 3 dB below = 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 0.236 W/kg

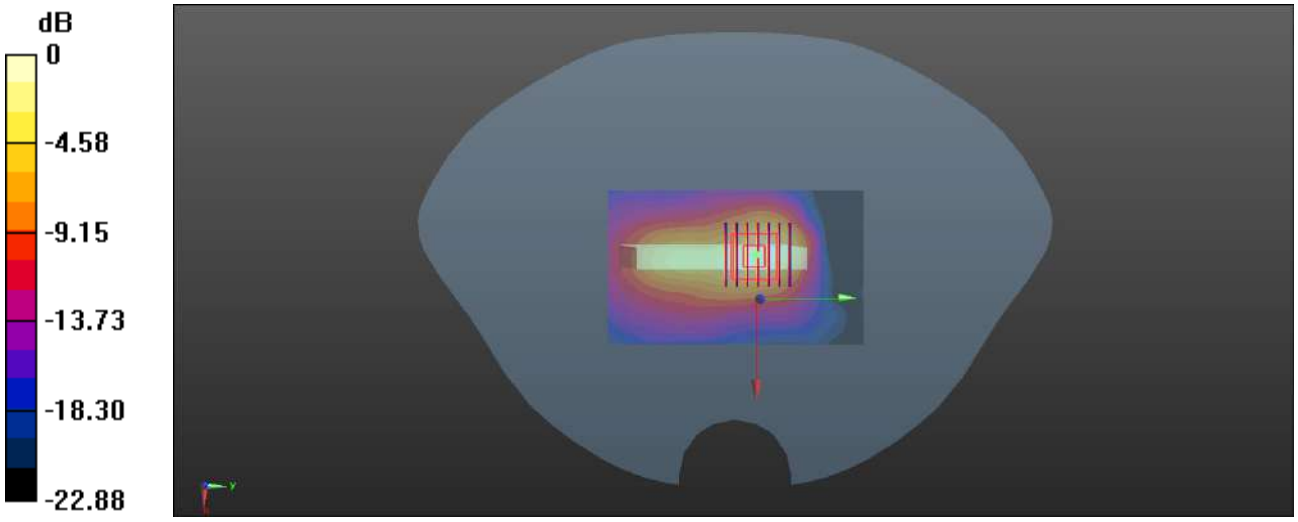


0 dB = 0.236 W/kg

Meas.48 Body Plane with Bottom Edge 10mm on High Channel in LTE Band38 mode
Date: 2025.04.06
Communication System Band: Band 38; Frequency: 2610 MHz;Duty Cycle: 1:1.58
Medium parameters used (interpolated): f = 2610 MHz; σ = 1.998 S/m; ε_r = 38.635; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.6℃ Liquid Temperature:21.5℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.580 W/kg

Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.07 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.219 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 52%
Maximum value of SAR (measured) = 0.560 W/kg

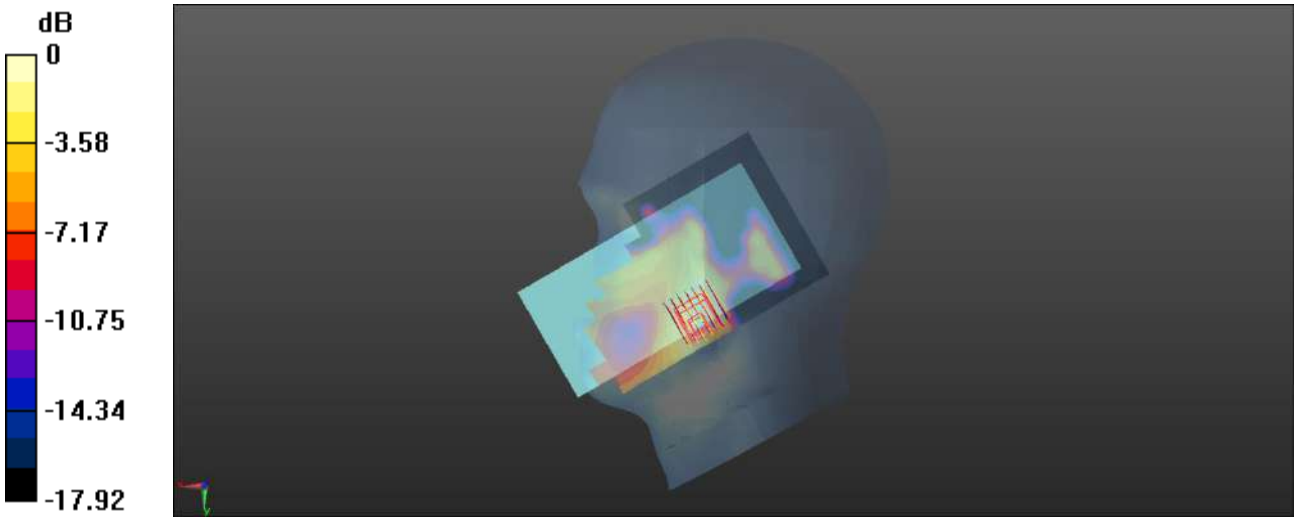


0 dB = 0.560 W/kg

Meas.49 Right Head with Cheek on High Channel in LTE Band41 mode
Date: 2025.04.12
Communication System Band: Band 41; Frequency: 2680 MHz;Duty Cycle: 1:1.58
Medium parameters used (interpolated): f = 2680 MHz; σ = 2.11 S/m; ε_r = 38.65; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.2℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.061 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.271 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 69.8%
Maximum value of SAR (measured) = 0.057 W/kg

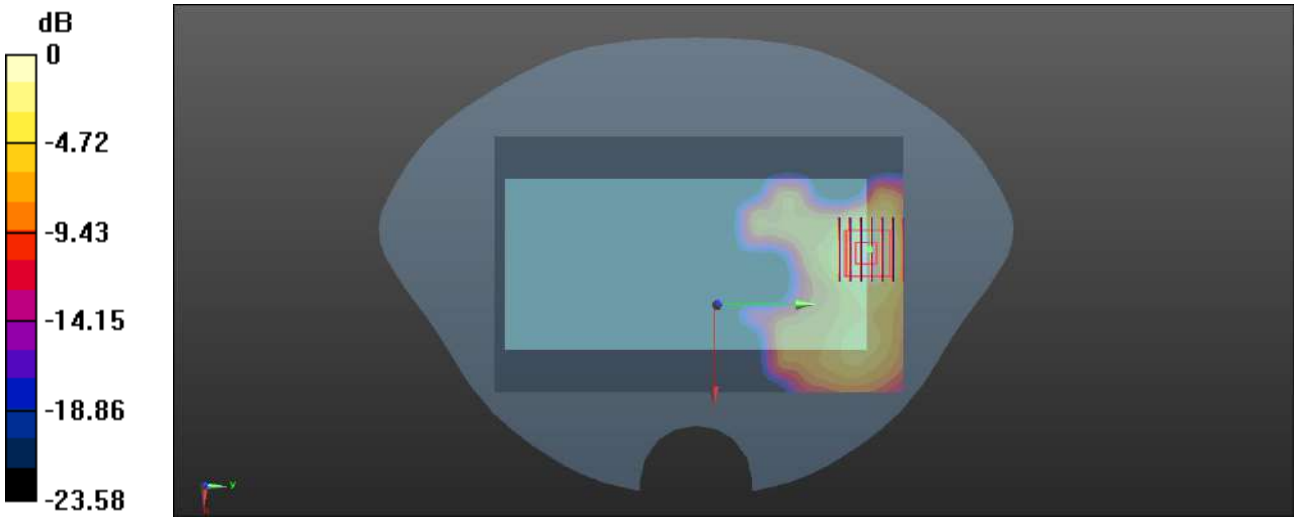


0 dB = 0.057 W/kg

Meas.50 Body Plane with Back Side 15mm on High Channel in LTE Band41 mode
Date: 2025.04.12
Communication System Band: Band 41; Frequency: 2680 MHz;Duty Cycle: 1:1.58
Medium parameters used (interpolated): f = 2680 MHz; σ = 2.11 S/m; ε_r = 38.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.2℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41490/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.219 W/kg

Ch41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.094 W/kg
Smallest distance from peaks to all points 3 dB below = 10.6 mm
Ratio of SAR at M2 to SAR at M1 = 52.4%
Maximum value of SAR (measured) = 0.220 W/kg

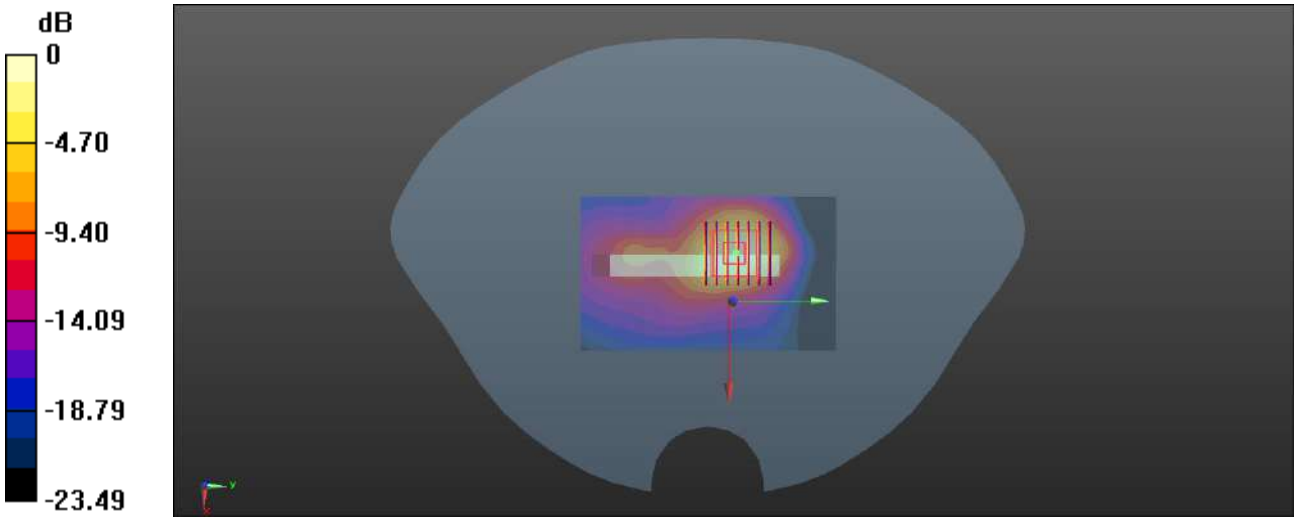


0 dB = 0.220 W/kg

Meas.51 Body Plane with Bottom Edge 10mm on High Channel in LTE Band41 mode
Date: 2025.04.12
Communication System Band: Band 41; Frequency: 2680 MHz;Duty Cycle: 1:1.58
Medium parameters used (interpolated): f = 2680 MHz; σ = 2.11 S/m; ε_r = 38.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.2℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41490/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.761 W/kg

Ch41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.48 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.282 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 50.4%
Maximum value of SAR (measured) = 0.743 W/kg

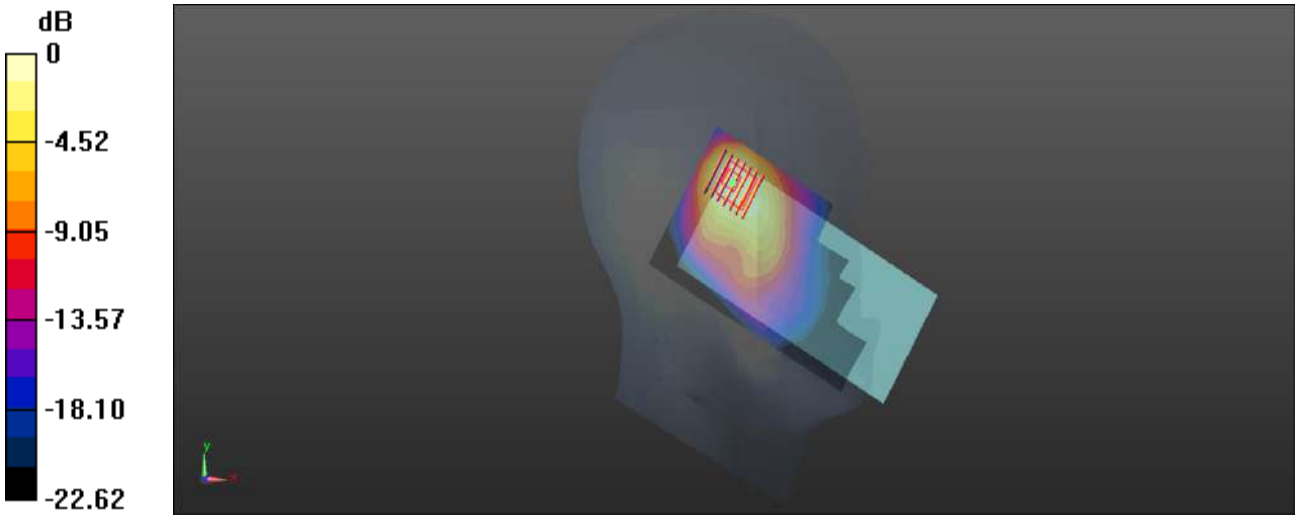


0 dB = 0.743 W/kg

Meas.52 Left Head with Cheek on 1 Channel in IEEE802.11b mode
Date: 2025.04.05
Communication System Band: 2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1.007
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.784 S/m; ε_r = 39.975; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.316 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.945 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.143 W/kg
Smallest distance from peaks to all points 3 dB below = 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 50.9%
Maximum value of SAR (measured) = 0.314 W/kg

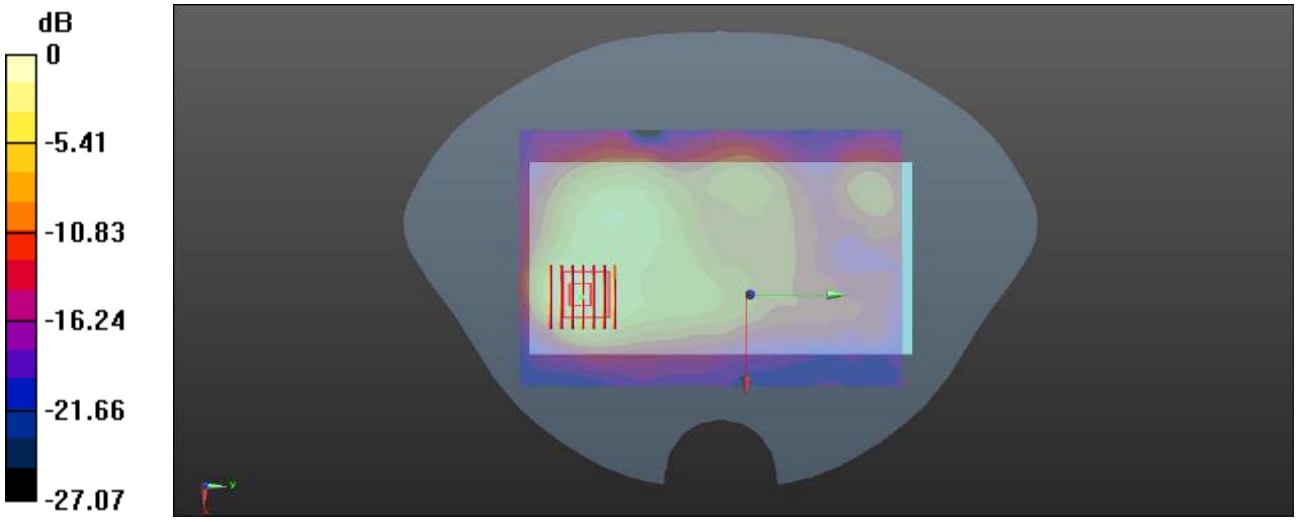


0 dB = 0.314 W/kg

Meas.53 Body Plane with Back Side 15mm on 1 Channel in IEEE802.11b mode
Date: 2025.04.05
Communication System Band: 2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1.007
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.784 S/m; ε_r = 39.975; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.136 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.097 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.057 W/kg
Smallest distance from peaks to all points 3 dB below = 11.7 mm
Ratio of SAR at M2 to SAR at M1 = 50.2%
Maximum value of SAR (measured) = 0.134 W/kg

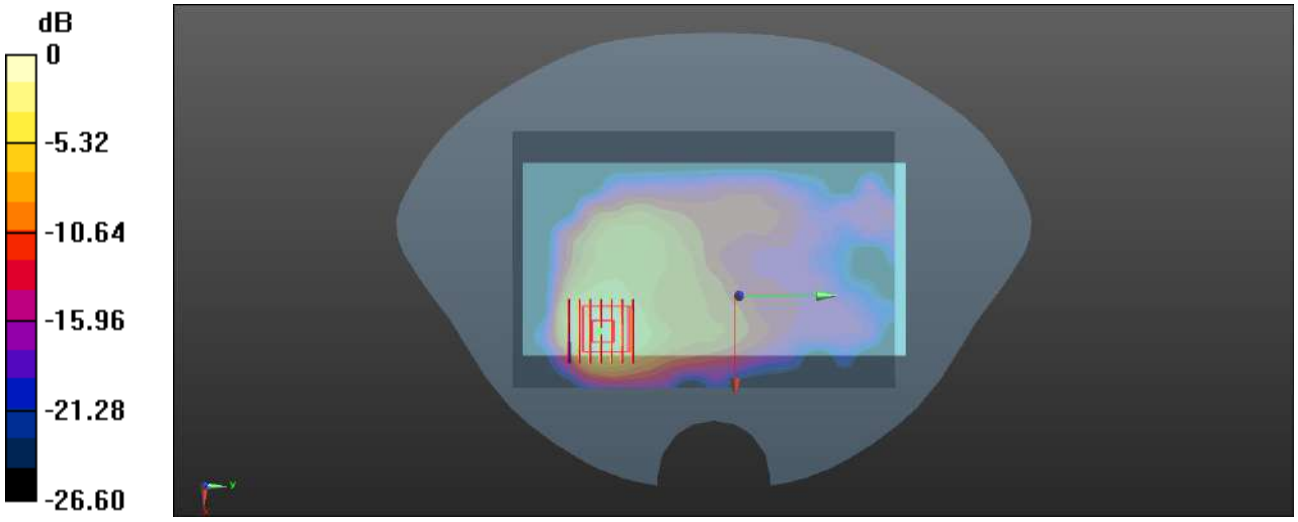


0 dB = 0.134 W/kg

Meas.54 Body Plane with Back Side 10mm on 1 Channel in IEEE802.11b mode
Date: 2025.04.05
Communication System Band: 2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1.007
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.784 S/m; ε_r = 39.975; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.349 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.778 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.132 W/kg
Smallest distance from peaks to all points 3 dB below = 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 47%
Maximum value of SAR (measured) = 0.317 W/kg

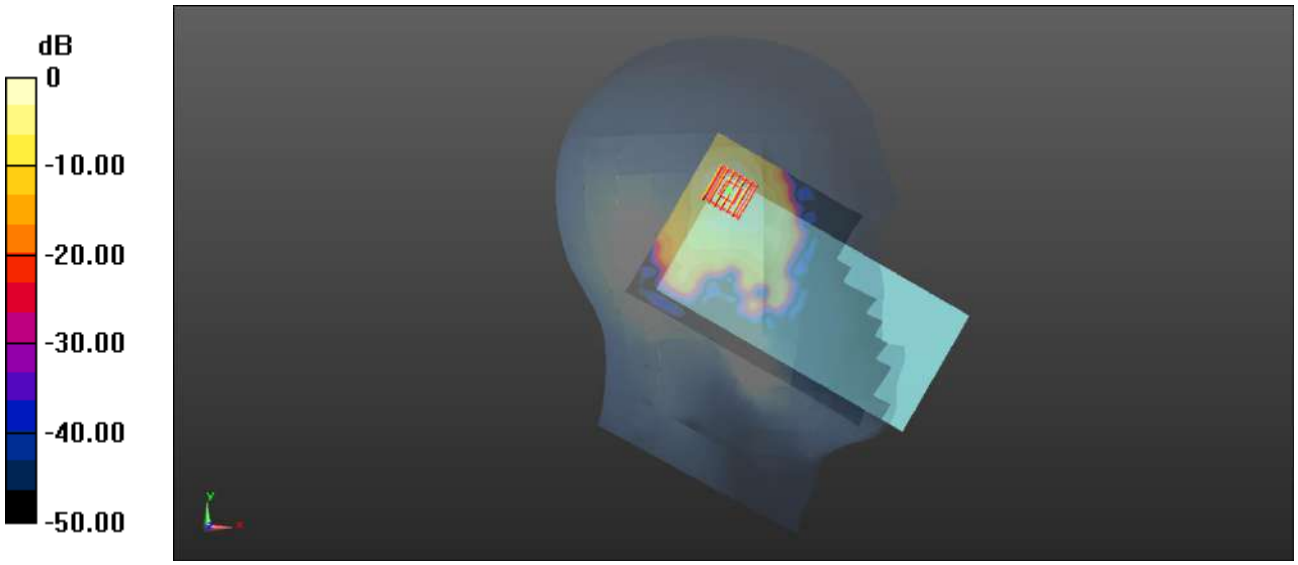


0 dB = 0.317 W/kg

Meas.55 Left Head with Cheek on 58 Channel in IEEE802.11ac80 mode
Date: 2025.04.03
Communication System Band: 5.3G; Frequency: 5290 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.729 S/m; ε_r = 34.734; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.4℃ Liquid Temperature:21.1℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5.5, 5.5, 5.5); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch58/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.247 W/kg

Ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.5530 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.014 W/kg
Smallest distance from peaks to all points 3 dB below = 6.9 mm
Ratio of SAR at M2 to SAR at M1 = 56%
Maximum value of SAR (measured) = 0.096 W/kg

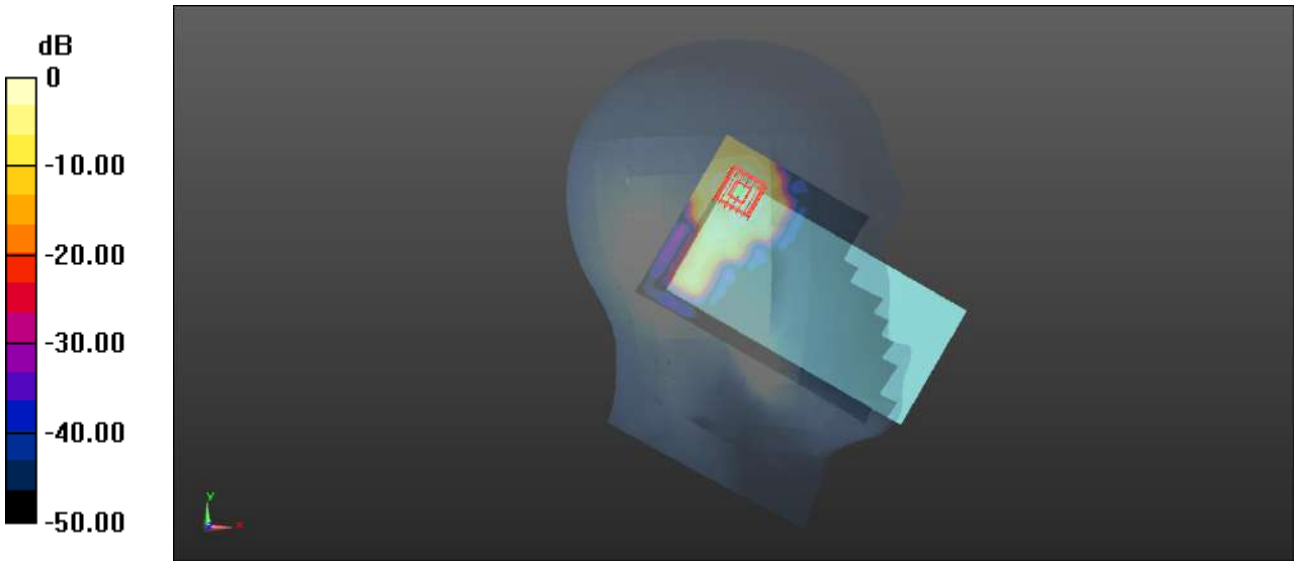


0 dB = 0.096 W/kg

Meas.56 Left Head with Cheek on 122 Channel in IEEE802.11ac80 mode
Date: 2025.04.07
Communication System Band: 5.6G; Frequency: 5610 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5610 MHz; σ = 5.085 S/m; ε_r = 34.855; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5, 5, 5); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch122/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.132 W/kg

Ch122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.5630 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.013 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.1%
Maximum value of SAR (measured) = 0.106 W/kg

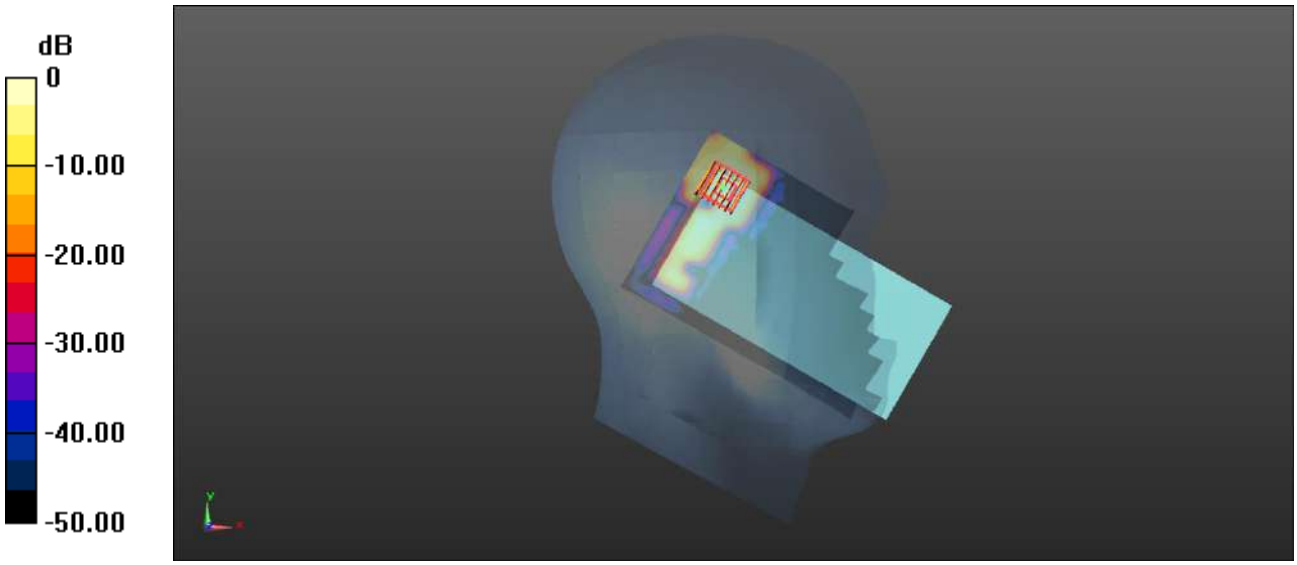


0 dB = 0.106 W/kg

Meas.57 Left Head with Tilt on 155 Channel in IEEE802.11ac80 mode
Date: 2025.04.08
Communication System Band: 5.8G; Frequency: 5775 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5775 MHz; σ = 5.195 S/m; ε_r = 34.507; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.3℃ Liquid Temperature:21.1℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.036 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.3450 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00172 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 40.5%
Maximum value of SAR (measured) = 0.030 W/kg

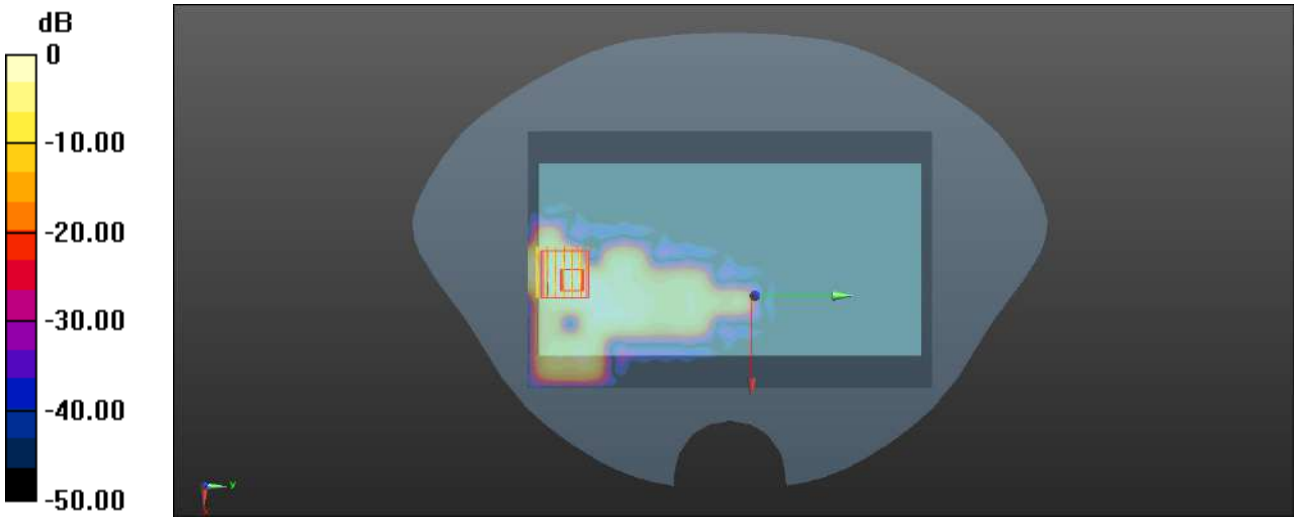


0 dB = 0.030 W/kg

Meas.58 Body Plane with Back Side 15mm on 58 Channel in IEEE802.11ac80 mode
Date: 2025.04.03
Communication System Band: 5.3G; Frequency: 5290 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.729 S/m; ε_r = 34.734; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.1℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5.5, 5.5, 5.5); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch58/Area Scan (121x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.094 W/kg

Ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7190 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 59%
Maximum value of SAR (measured) = 0.077 W/kg

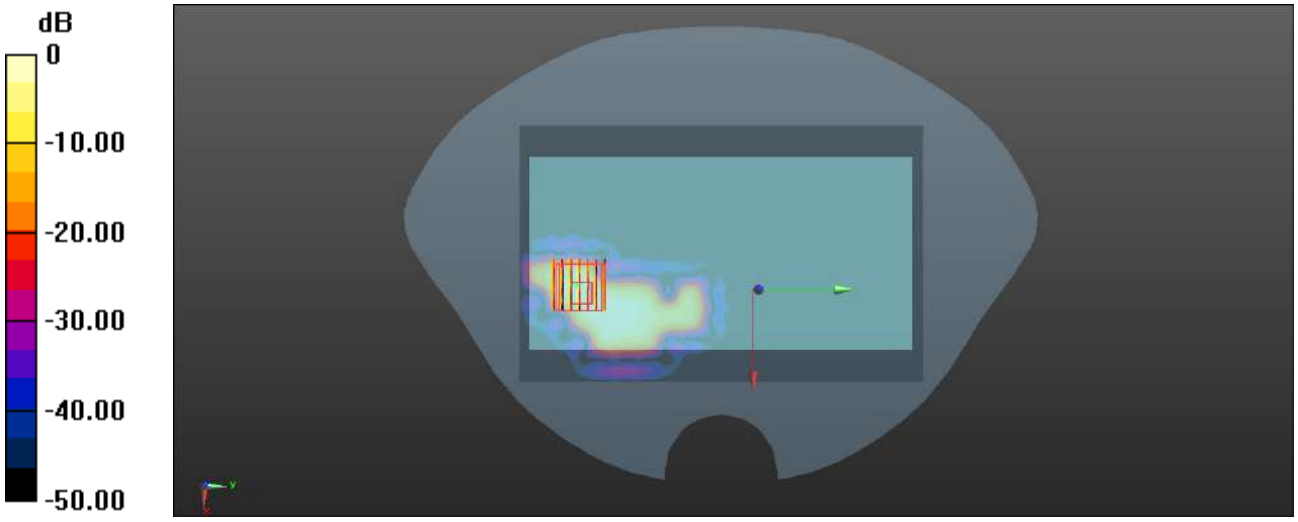


0 dB = 0.077 W/kg

Meas.59 Body Plane with Back Side 15mm on 122 Channel in IEEE802.11ac80 mode
Date: 2025.04.07
Communication System Band: 5.6G; Frequency: 5610 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5610 MHz; σ = 5.085 S/m; ε_r = 34.855; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5, 5, 5); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch122/Area Scan (121x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.303 W/kg

Ch122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.018 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 49.8%
Maximum value of SAR (measured) = 0.155 W/kg

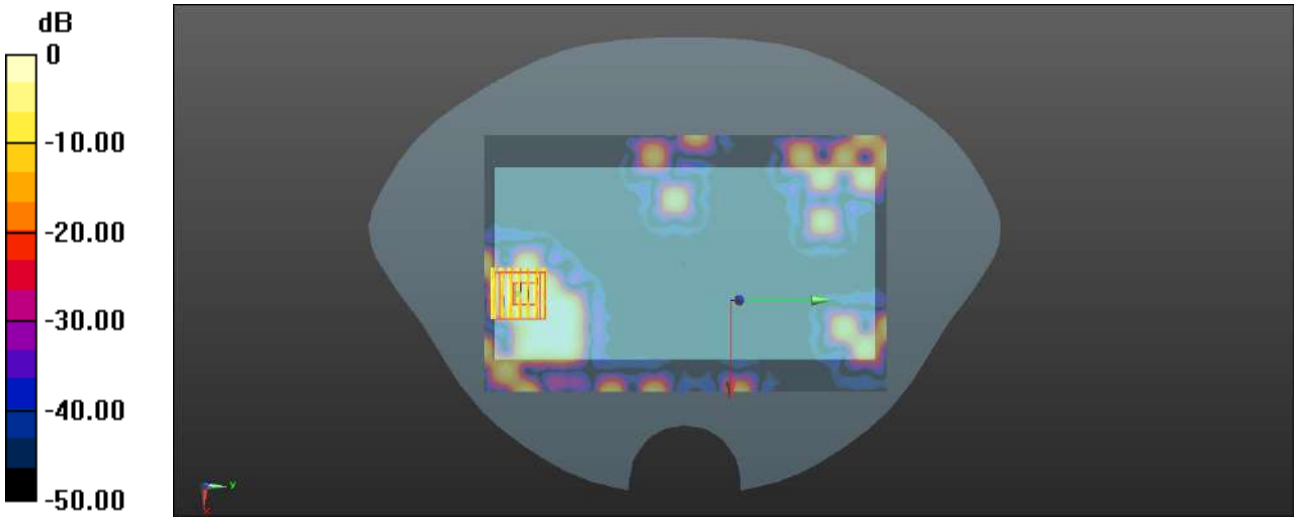


0 dB = 0.155 W/kg

Meas.60 Body Plane with Back Side 15mm on 155 Channel in IEEE802.11ac80 mode
Date: 2025.04.08
Communication System Band: 5.8G; Frequency: 5775 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5775 MHz; σ = 5.195 S/m; ε_r = 34.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.1℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (121x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.055 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.5850 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0570 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.0057 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.7%
Maximum value of SAR (measured) = 0.029 W/kg

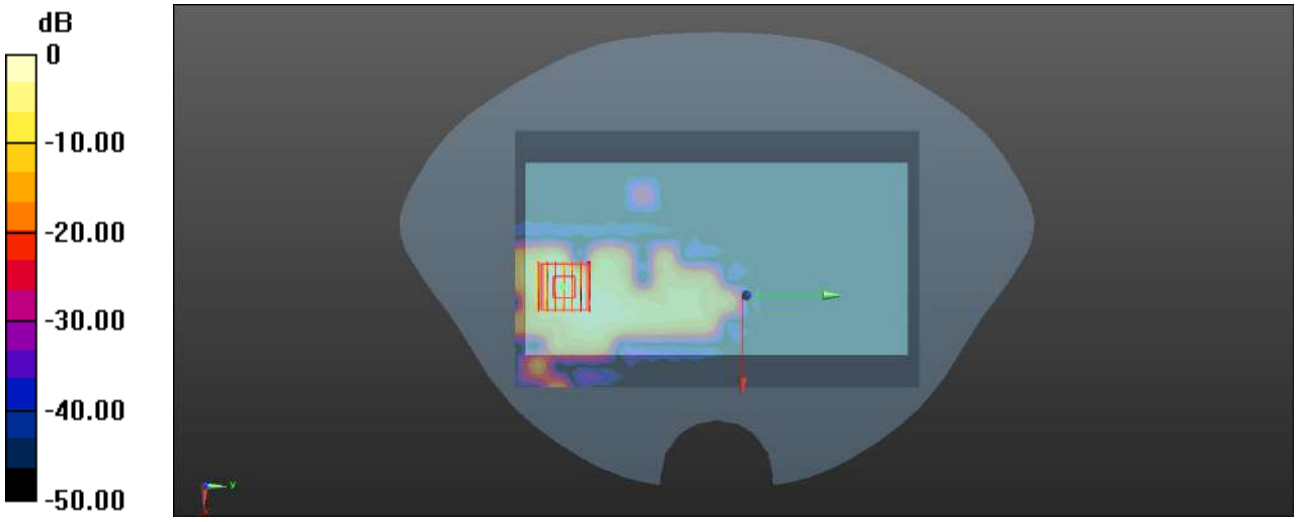


0 dB = 0.029 W/kg

Meas.61 Body Plane with Back Side 10mm on 42 Channel in IEEE802.11ac80 mode
Date: 2025.04.03
Communication System Band: 5.2G; Frequency: 5210 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5210 MHz; σ = 4.612 S/m; ε_r = 35.226; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.1℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5.74, 5.74, 5.74); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch42/Area Scan (121x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.262 W/kg

Ch42/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7280 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.037 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 56.1%
Maximum value of SAR (measured) = 0.249 W/kg

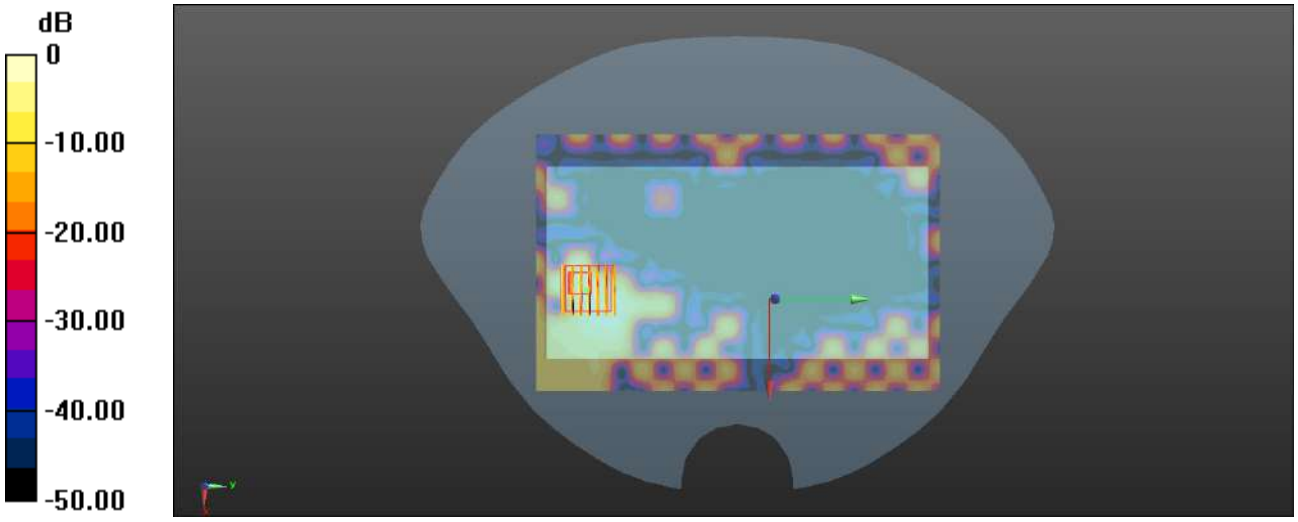


0 dB = 0.249 W/kg

Meas.62 Body Plane with Back Side 10mm on 155 Channel in IEEE802.11ac80 mode
Date: 2025.04.08
Communication System Band: 5.8G; Frequency: 5775 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5775 MHz; σ = 5.195 S/m; ε_r = 34.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3℃ Liquid Temperature:21.1℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (121x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7790 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.011 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 0.077 W/kg

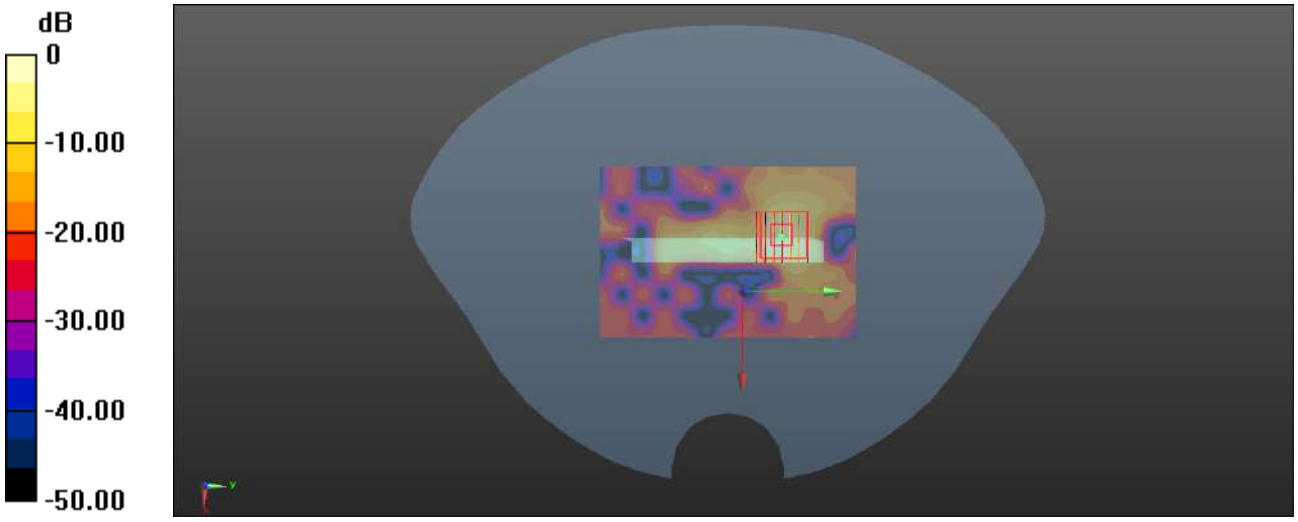


0 dB = 0.077 W/kg

Meas.63 Body Plane with Top Edge 0mm on 58 Channel in IEEE802.11ac80 mode
Date: 2025.04.03
Communication System Band: 5.3G; Frequency: 5290 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.729 S/m; ε_r = 34.734; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.1℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5.5, 5.5, 5.5); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch58/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.523 W/kg

Ch58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.461 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.044 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.6%
Maximum value of SAR (measured) = 0.412 W/kg

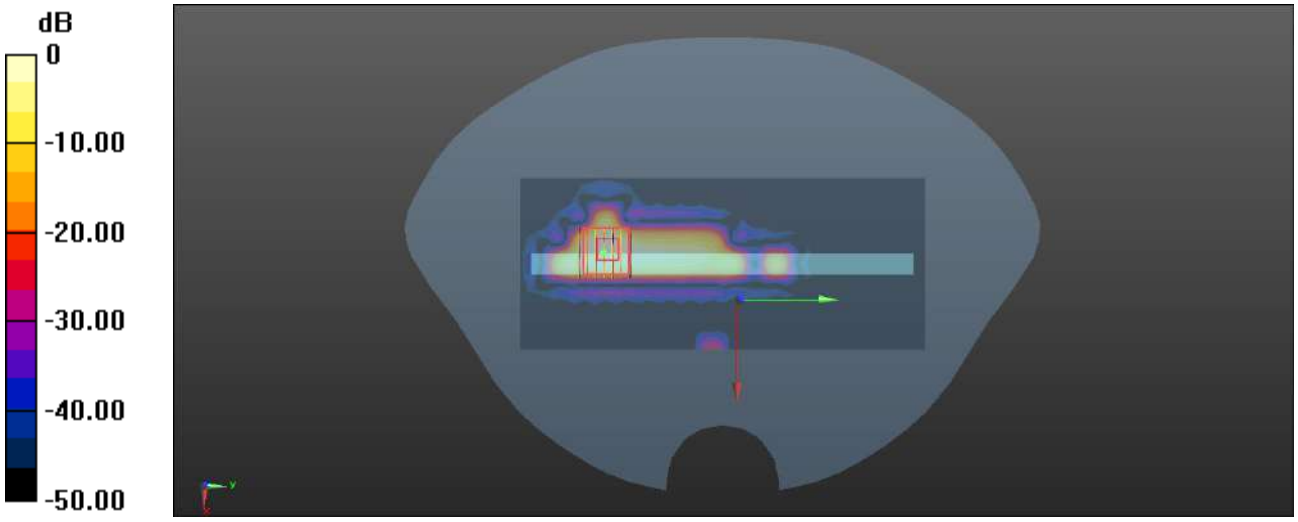


0 dB = 0.412 W/kg

Meas.64 Body Plane with Left Edge 0mm on 122 Channel in IEEE802.11ac80 mode
Date: 2025.04.07
Communication System Band: 5.6G; Frequency: 5610 MHz;Duty Cycle: 1:1.139
Medium parameters used (interpolated): f = 5610 MHz; σ = 5.085 S/m; ε_r = 34.855; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(5, 5, 5); Calibrated: 2024.06.25;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch122/Area Scan (81x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.342 W/kg

Ch122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.239 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 49.8%
Maximum value of SAR (measured) = 0.148 W/kg

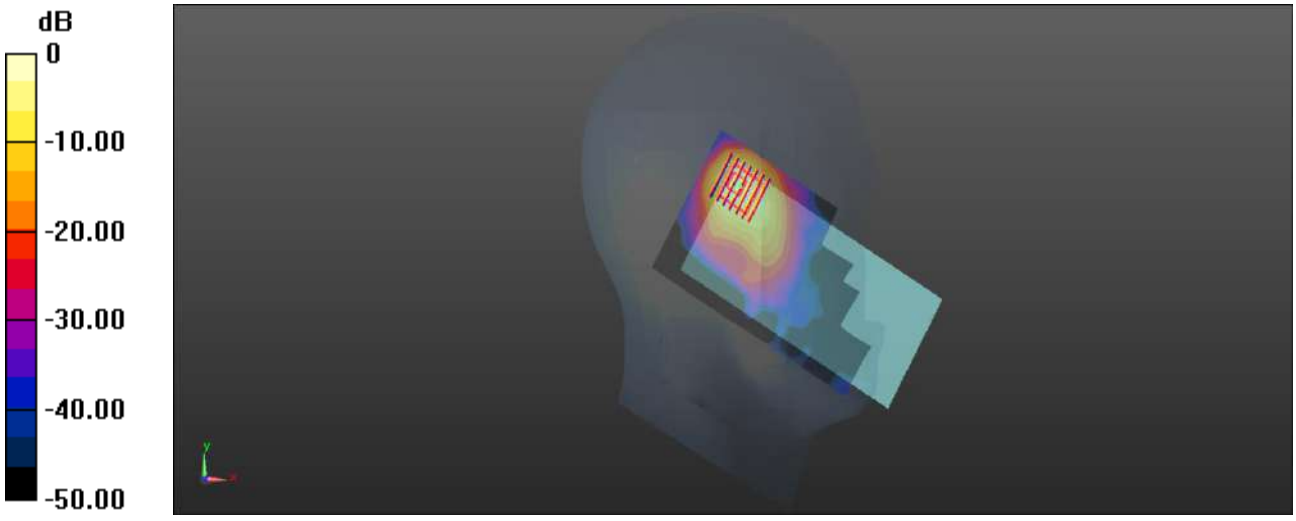


0 dB = 0.148 W/kg

Meas.65 Left Head with Cheek on 0 Channel in Bluetooth mode
Date: 2025.04.05
Communication System Band: BT; Frequency: 2402 MHz;Duty Cycle: 1:1.304
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.768 S/m; ε_r = 40.083; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
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) = 0.019 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00665 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%
Maximum value of SAR (measured) = 0.014 W/kg

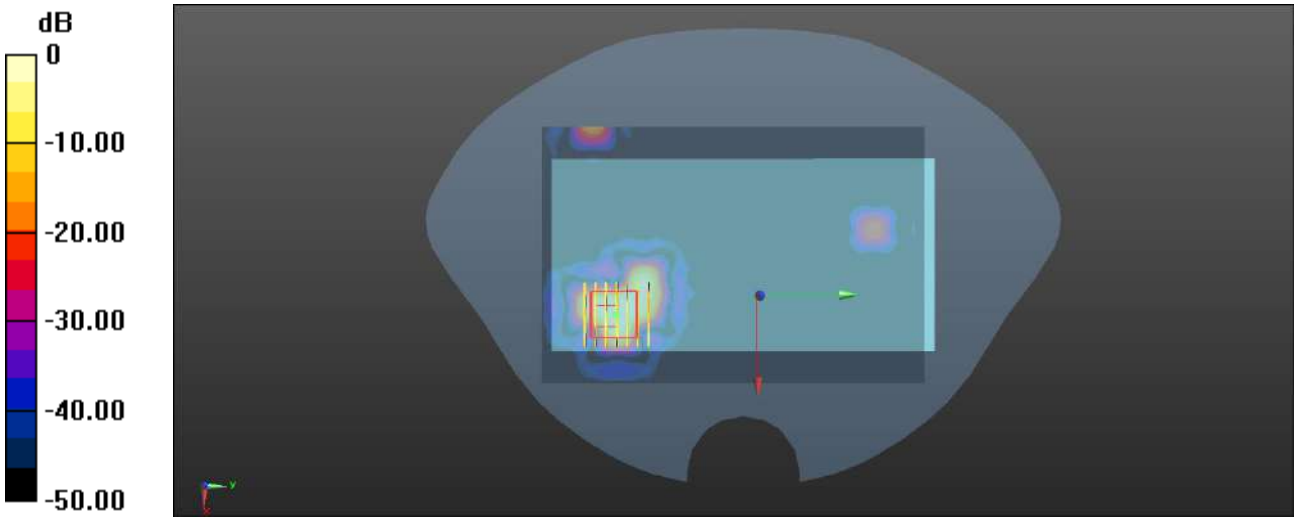


0 dB = 0.014 W/kg

Meas.66 Body Plane with Back Side 15mm on 0 Channel in Bluetooth mode
Date: 2025.04.05
Communication System Band: BT; Frequency: 2402 MHz;Duty Cycle: 1:1.304
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.768 S/m; ε_r = 40.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.006 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.3030 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.004 W/kg; SAR(10 g) = 0.001 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 43.3%
Maximum value of SAR (measured) = 0.00407 W/kg

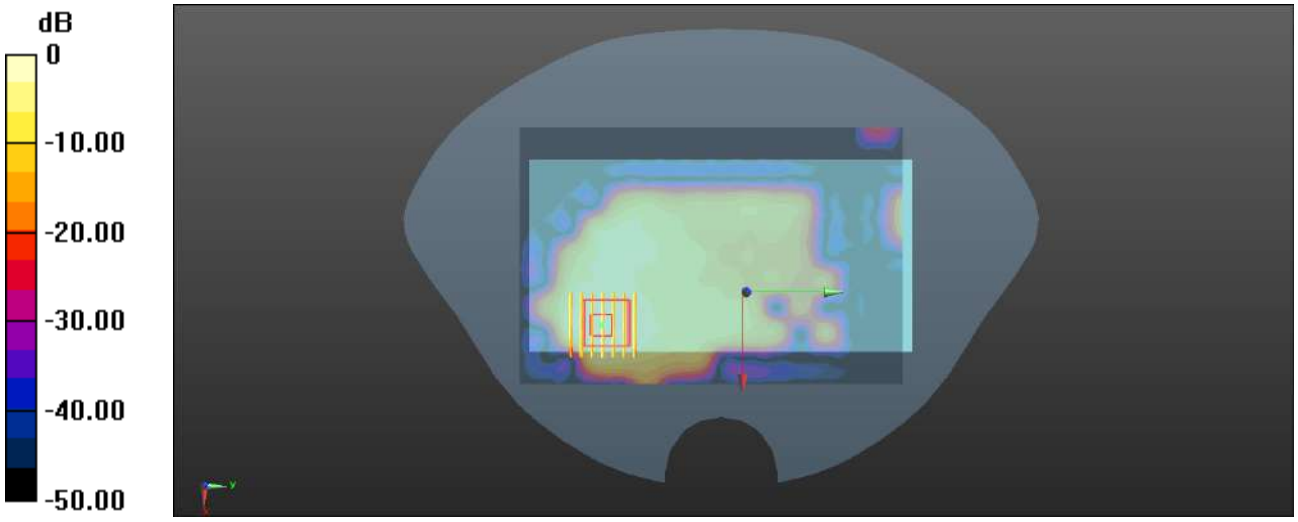


0 dB = 0.004 W/kg

Meas.67 Body Plane with Back Side 10mm on 0 Channel in Bluetooth mode
Date: 2025.04.05
Communication System Band: BT; Frequency: 2402 MHz;Duty Cycle: 1:1.304
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.768 S/m; ε_r = 40.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.4℃ Liquid Temperature:21.6℃
DASY5 Configuration:
Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1710; Calibrated: 2025.01.20
Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.067 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.108 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.023 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 50%
Maximum value of SAR (measured) = 0.056 W/kg



0 dB = 0.056 W/kg

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2540276-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “BL-SZ2540276-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “BL-SZ2540276-AC.pdf”.

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--END OF REPORT--