TEST REPORT

Applicant:	Franklin Technology
Address:	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea
Equipment Type:	Mobile Hotspot
Model Name:	RG3102
Brand Name:	N/A
FCC ID:	XHG-RG3102
Test Standard:	FCC 47 CFR Part 2.1093 (refer to section 3.1)
Maximum SAR:	Body-worn (1 g@10mm): 1.18 W/kg Hotspot (1 g@10mm): 1.18 W/kg Extremity (10 g@0mm): 2.60 W/kg
Sample Arrival Date:	Sep. 06, 2024
Test Date:	Sep. 09, 2024 - Dec. 30, 2024
Date of Issue:	Feb. 06, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Jan. 06, 2025	Initial Issue
Rev. 02	Feb. 06, 2025	Chapter 2.5 updates the frequency band information and adds UL MIMO results in Chapter 12

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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	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.2 Manufacturer Information

Manufacturer	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Hotspot
Under Test Model Name	RG3102
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P1
Software Version	RG3102.AT.1298
Dimensions (Approx.)	L:133mm W:85mm H:25.3mm
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	N/A
	Model No.	I0722A
	Serial No.	N/A
	Capacity	5000 mAh
	Nominal Voltage	3.8 V
	Manufacturer	Guangdong Highpower New Energy Technology Inc.
Ancillary Equipment 2	Battery	
	Brand Name	N/A
	Model No.	BP2451
	Serial No.	N/A
	Capacity	5000 mAh
	Nominal Voltage	3.8 V
	Manufacturer	Zhongshan Tianmao Battery Co., Ltd

2.5 Technical Information

Network and Wireless connectivity	3G Network WCDMA/HSDPA/HSUPA Band 1/2/4/5/8 4G Network FDD LTE Band 1/2/3/4/5/7/8/12/14/20/26/28/29/30/66 TDD LTE Band 38/39/40/41/48 LTE CA with 2 carriers:CA_4A-29A, CA_2A-5A, CA_4A-5A, CA_2A-12A CA_2A-29A, CA_4A-12A, CA_12A-30A, CA_2A-30A, CA_4A-30A CA_2A-48A, CA_5A-30A, CA_29A-30A, CA_5A-66A, CA_12A-66A CA_2A-66A, CA_30A-66A, CA_66A-66A, CA_29A-66A, CA_2A-14A CA_14A-66A, CA_14A-30A LTE CA with 3 carriers:CA_2A-14A-30A, CA_2A-14A-66A CA_2A-2A-14A, CA_14A-30A-66A, CA_14A-66A-66A, CA_2A-12A-66A CA_2A-5A-66A, CA_12A-30A-66A, CA_5A-30A-66A, CA_12A-66A-66A CA_5A-66A-66A, CA_2A-2A-66A, CA_2A-66A-66A, CA_30A-66A-66A CA_2A-30A-66A, CA_2A-66A-71A, CA_2A-12A-30A, CA_4A-12A-30A CA_2A-5A-30A, CA_4A-4A-12A, CA_2A-2A-12A, CA_2A-4A-5A CA_4A-5A-30A, CA_2A-29A-30A, CA_4A-29A-30A LTE CA with 4 carriers:CA_2A-2A-12A-30A, CA_12A-30A-66A-66A CA_2A-12A-66A-66A, CA_2A-5A-66A-66A, CA_5A-30A-66A-66A CA_2A-2A-12A-66A, CA_2A-2A-5A-30A, CA_2A-2A-5A-66A CA_2A-2A-66A-66A, CA_2A-2A-30A-66A, CA_2A-30A-66A-66A CA_2A-2A-29A-30A, CA_29A-30A-66A-66A, CA_2A-2A-14A-66A CA_14A-30A-66A-66A, CA_2A-14A-66A-66A LTE CA with 5 carriers:CA_2A-2A-14A-66A-66A CA_2A-2A-12A-66A-66A, CA_2A-2A-5A-66A-66A CA_2A-2A-29A-66A-66A, CA_2A-5A-12A-30A-66A LTE CA 2UL:CA_2A-12A, CA_4A-12A, CA_12A-66A, CA_2A-5A CA_5A-66A, CA_12A-30A, CA_5A-30A, CA_2A-14A, CA_14A-66A CA_14A-30A 5G Network SA: NR n2/n5/n14/n30/n48/n66/n77 SA UL MIMO: n77 1DL+FR1:DC_14A_n66A,DC_2A_n5A, DC_30A_n5A,

	DC_66A_n5A DC_2A_n66A, DC_12A_n66A, DC_30A_n66A, DC_5A_n2A DC_12A_n2A, DC_30A_n2A, DC_66A_n2A, DC_2A_n77A DC_5A_n77A, DC_66A_n77A, DC_30A_n77A, DC_12A_n77A DC_14A_n77A, DC_2A_n77(2A), DC_5A_n77(2A), DC_66A_n77(2A) DC_12A_n77(2A), DC_14A_n77(2A), DC_30A_n77(2A), DC_14A_n66A DC_14A_n2A 2DL +FR1:DC_2A-2A_n5A, DC_2A-5A_n5A, DC_5A-66A_n5A DC_2A-30A_n5A, DC_2A-66A_n5A, DC_30A-66A_n5A DC_66A-66A_n5A, DC_2A-12A_n66A, DC_2A-29A_n66A DC_2A-30A_n66A, DC_2A-2A_n66A, DC_12A-30A_n66A DC_5A-30A_n2A, DC_12A-30A_n2A, DC_29A-30A_n2A DC_5A-66A_n2A, DC_12A-66A_n2A, DC_29A-66A_n2A DC_30A-66A_n2A, DC_2A-5A_n2A, DC_2A-12A_n2A DC_2A-30A_n2A, DC_2A-66A_n2A, DC_29A-30A_n66A DC_2A-66A_n66A, DC_12A-66A_n66A, DC_30A-66A_n66A DC_2A-12A_n77A, DC_12A-66A_n77A, DC_12A-30A_n77A DC_2A-14A_n77A, DC_14A-66A_n77A, DC_14A-30A_n77A DC_2A-2A_n77A, DC_2A-5A_n77A, DC_2A-29A_n77A DC_2A-30A_n77A, DC_2A-66A_n77A, DC_5A-30A_n77A DC_2A-14A_n66A, DC_5A-66A_n77A, DC_29A-30A_n77A DC_29A-66A_n77A, DC_30A-66A_n77A, DC_66A-66A_n77A DC_14A-30A_n66A, DC_14A-66A_n66A, DC_2A-2A_n77(2A) DC_14A-30A_n2A, DC_14A-66A_n2A, DC_66A-66A_n77(2A) DC_2A-14A_n2A, DC_2A-14A_n66A, DC_14A-30A_n2A DC_14A-30A_n66A, DC_14A-66A_n66A, DC_14A-66A_n2A 3DL +FR1:DC_2A-2A-30A_n5A, DC_2A-2A-66A_n5A DC_2A-66A-66A_n5A, DC_30A-66A-66A_n5A, DC_2A-2A-5A_n5A DC_5A-66A-66A_n5A, DC_2A-2A-30A_n66A, DC_2A-2A- 12A_n66A DC_5A-66A-66A_n2A, DC_12A-66A-66A_n2A, DC_29A-66A- 66A_n2A DC_30A-66A-66A_n2A, DC_2A-2A-14A_n77A,DC_14A-66A- 66A_n77A DC_2A-2A-12A_n77A, DC_12A-66A-66A_n77A,DC_2A-2A- 30A_n77A DC_2A-2A-14A_n66A,DC_2A-2A-66A_n77A,DC_2A-66A- 66A_n77A DC_30A-66A-66A_n77A, DC_66A-66A-66A_n77A DC_2A-2A-29A_n77A, DC_29A-66A-66A_n77A, DC_2A-2A-

	5A_n77A DC_5A-66A-66A_n77A, DC_14A-66A-66A_n2A, DC_2A-2A-14A_n66A DC_14A-66A-66A_n2A 4DL + FR1:DC_2A-2A-66A-66A_n77A, DC_2A-2A-66A-66A_n5A FR1 1DL CA:CA_n2(2A), CA_n66(2A), CA_n66(3A), CA_n77(2A) FR1 2DL CA:CA_n2A-n66A, CA_n5A-n66A, CA_n2A-n5A CA_n14A-n66A, CA_n30A-n66A, CA_n2A-n14A, CA_n2A-n30A CA_n5A-n30A, CA_n14A-n30A Intra Band 2CC n48:CA_n2(2A)-n5A, CA_n2(2A)-n66A CA_n2A-n66(2A), CA_n5A-n66(2A), CA_n30A-n66(2A) CA_n2(2A)-n14A, CA_n14A-n66(2A), CA_n2A-n77A,CA_n5A-n77A CA_n12A-n77A, CA_n14A-n77A, CA_n66A-n77A, CA_n30A-n77A CA_n2A-n77(2A), CA_n5A-n77(2A), CA_n12A-n77(2A) CA_n14A-n77(2A), CA_n66A-n77(2A), CA_n30A-n77(2A) CA_n2(2A)-n77A, CA_n66(2A)-n77A, CA_n5A-n30A, CA_n2A-n66A CA_n2A-n30A, CA_n2(2A)-n30A, CA_n30A-n66A FR1 3DL CA:CA_n2A-n5A-n66A, CA_n2A-n5A-n30A CA_n5A-n30A-n66A, CA_n2A-n30A-n66A, CA_n2A-n14A-n30A CA_n2A-n14A-n66A, CA_n14A-n30A-n66A, CA_n2A-n12A-n77A CA_n2A-n14A-n77A, CA_n2A-n66A-n77A, CA_n2A-n30A-n77A CA_n30A-n66A-n77A, CA_n2A-n5A-n77A, CA_n5A-n66A-n77A CA_n5A-n30A-n77A, CA_n12A-n30A-n77A, CA_n12A-n66A-n77A CA_n14A-n30A-n77A, CA_n14A-n66A-n77A, CA_n5a-n30a-n66a CA_n2a-n30a-n66a, CA_n2a-n5a-n30a, CA_n5a-n30a-n77a FR1 2UL CA:CA_n5a-n66a, CA_n14a-n77a, CA_n5A-n30A CA_n30A-n66A, CA_n14A-n30A, CA_n2A-n5A, CA_n2A-n66A CA_n5A-n66A, CA_n2A-n14A, CA_n14A-n66A, CA_n30a-n77a CA_n2a-n77a, CA_n5a-n77a, CA_n66a-n77a Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80/160), 802.11ax(HE20/40/80/160) and 802.11be(EHT20/40/80/160)

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

Operating Mode	WCDMA, LTE, 2.4G WIFI, 5G WIFI, Bluetooth		
Frequency Range	WCDMA Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	LTE Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	LTE Band 14	TX: 788 ~ 798 MHz	RX: 758 ~ 768 MHz
	LTE Band 26	TX: 814~ 849 MHz	RX: 859 ~ 894 MHz
	LTE Band 30	TX: 2305~ 2315 MHz	RX: 2350~ 2360 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 40	TX: 2300 ~ 2400 MHz	RX: 2300 ~ 2400 MHz
	LTE Band 41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	LTE Band 48	TX: 3550 ~ 3700 MHz	RX: 3550 ~ 3700 MHz
	NR n2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	NR n5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	NR n14	TX: 788 ~ 798 MHz	RX: 758 ~ 768 MHz
	NR n30	TX: 2305~ 2315 MHz	RX: 2350~ 2360 MHz
	NR n66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2180 MHz
	NR n48	TX: 3550 ~ 3700 MHz	RX: 3550 ~ 3700 MHz
	NR n77	TX: 3450 ~ 3550 MHz	RX: 3450 ~ 3550 MHz
		TX: 3700 ~ 3980MHz	RX: 3700 ~ 3980MHz
	802.11b/g /n(HT20/HT40)	2412 ~ 2462 MHz	
	802.11ax (HE20/HE40)	2412 ~ 2462 MHz	
	802.11be (EHT20/EHT40)	2412 ~ 2462 MHz	
	802.11a/ /n(HT20/HT40) /ac(VHT20/VHT40 /VHT80/VHT160)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	802.11ax (HE20/HE40/HE80 /HE160)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	802.11be (EHT20/EHT40/E HT80/EHT160)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	

	802.11ax (HE20/HE40/HE80 /HE160)	5925 ~ 6425 MHz	
		6425 ~ 6525 MHz	
		6525 ~ 6875 MHz	
		6875 ~ 7125 MHz	
	802.11be (EHT20/EHT40/E HT80/EHT160)	5925 ~ 6425 MHz	
		6425 ~ 6525 MHz	
		6525 ~ 6875 MHz	
		6875 ~ 7125 MHz	
	Bluetooth	2402 ~ 2480 MHz	
Antenna Type	WWAN: PIFA Antenna WIFI: PIFA Antenna Bluetooth: PIFA Antenna		
DTM	N/A		
Hotspot Function	Support		
Power Reduction	N/A		
Exposure Category	General Population/Uncontrolled exposure		
Product Type	Portable Device		
EUT Type	☒ Production unit	☐ Identical prototype	

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2.1093	Radiofrequency radiation exposure evaluation: portable devices
2	ANSI C95.1-1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
3	KDB 447498 D04 v01	447498 D04 Interim General RF Exposure Guidance v01
4	KDB 941225 D01 v03r01	3G SAR MEAUREMENT PROCEDURES
5	KDB 941225 D05 v02r05	SAR Evaluation Considerations for LTE Devices
6	KDB 941225 D05A v01r02	REL. 10 LTE SAR TEST GUIDANCE AND KDB INQUIRIES
7	KDB 941225 D06 v02r01	SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES
8	KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
9	KDB 865664 D02 v01r02	RF Exposure Reporting
10	KDB 248227 D01 v02r02	SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS
11	IEC/IEEE 62209-1528:2020	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)

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)		
		Body-worn (10mm)	Hotspot (10mm)	Extremity (0mm)	Body-worn (10mm)	Hotspot (10mm)	Extremity (0mm)
		1g SAR		10g SAR	1g SAR		10g SAR
PCE	WCDMA Band 2	1.18	1.18	2.40	1.18	1.18	2.60
	WCDMA Band 4	0.86	0.86	1.33			
	WCDMA Band 5	0.82	0.82	1.34			
	LTE Band 2	0.68	0.68	0.71			
	LTE Band 4	0.80	0.80	1.94			
	LTE Band 5	0.72	0.72	1.47			
	LTE Band 7	0.26	0.26	0.66			
	LTE Band 12	0.32	0.32	1.02			
	LTE Band 14	0.39	0.39	0.83			
	LTE Band 26	0.82	0.82	1.35			
	LTE Band 30	0.41	0.41	1.79			
	LTE Band 66	0.92	0.92	1.68			
	LTE Band 38	0.21	0.21	0.38			
	LTE Band 40	0.60	0.60	1.05			
	LTE Band 41	0.12	0.12	0.61			
	LTE Band 48	0.21	0.21	0.43			
	n2	0.49	0.49	0.68			
	n5	0.88	0.88	1.15			
	n14	0.42	0.42	0.76			
	n30	0.76	0.76	2.60			
	n66	0.63	0.63	1.02			
	n48	0.76	0.76	1.16			
	n77	0.76	0.76	1.53			
WIFI	2.4G	0.11	0.11	0.47			
	5.2G	0.31	0.31	/			
	5.3G	0.31	/	0.86			
	5.6G	0.44	/	1.11			
	5.8G	0.42	0.42	0.72			
	6G	0.20	/	0.29			
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)		
	Body-worn 1g (10mm)	Hotspot 1g (10mm)	Extremity 10g (0mm)
PCE	**1.51**	**1.51**	**3.94**
DTS	**1.51**	**1.51**	**3.94**
NII	**1.51**	**1.51**	**3.94**
Limit (W/Kg)	1.60	1.60	4.00
Verdict	Pass		
Note: The highest simultaneous SAR please refer section 12.2			

3.4 Test Uncertainty

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

The maximum 1 g SAR for the EUT in this report is 1.18 W/kg, which is lower than 1.5 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.
The maximum 10 g SAR for the EUT in this report is 2.60 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

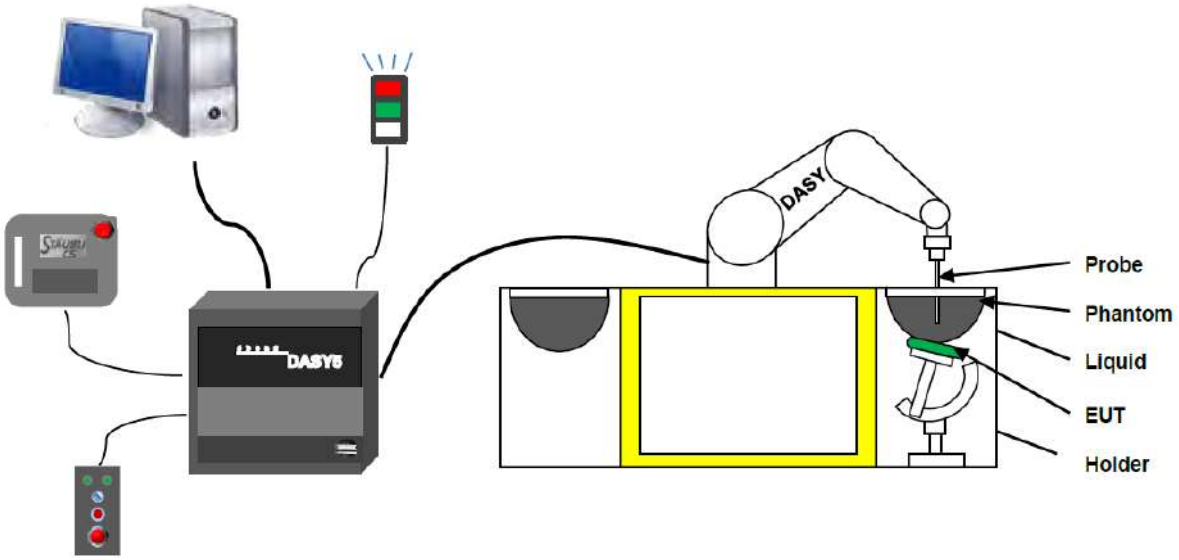
$$\mathbf{SAR} = \frac{\boldsymbol{\sigma}\mathbf{E}^{2}}{\boldsymbol{\rho}}$$

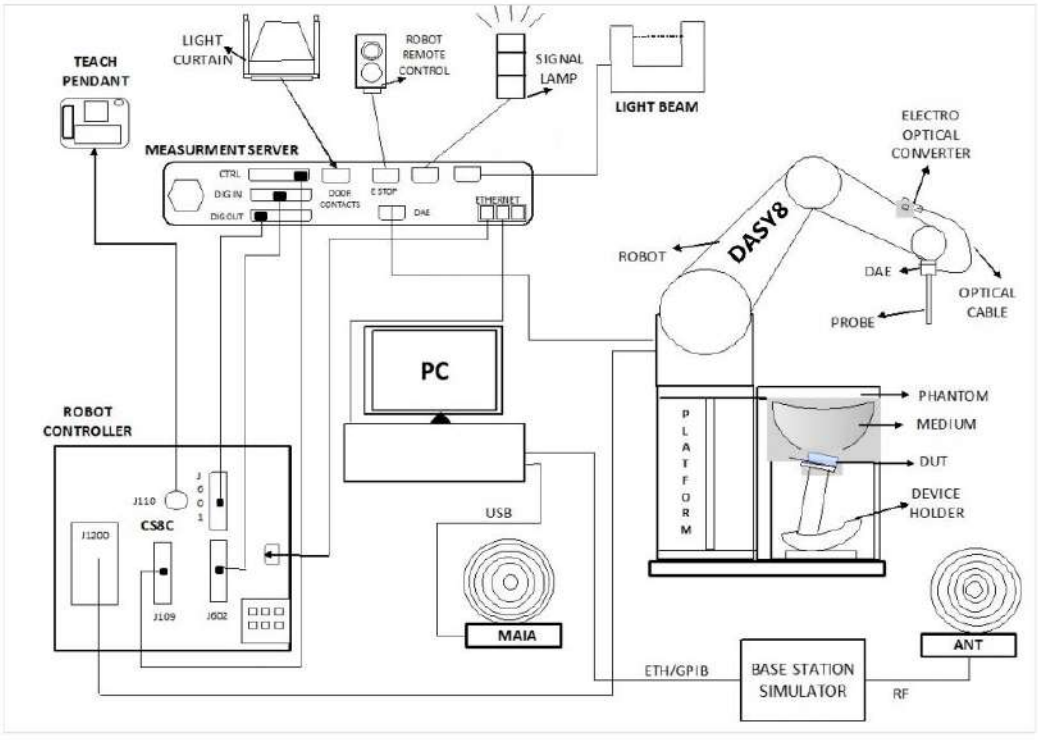
Where: σ is the conductivity of the tissue,

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

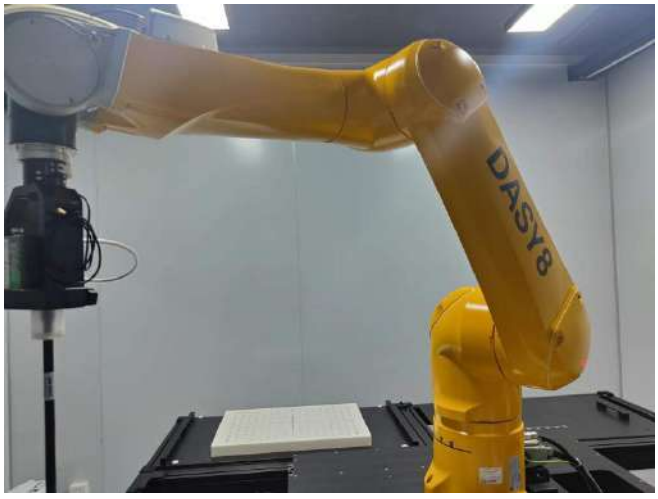
1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped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

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

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

4.2.2 Robot

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



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

4.2.3 E-Field Probe

The probe is specially designed and calibrated for use in liquids with high permittivities for the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN:7510&7893 with following specifications is used.

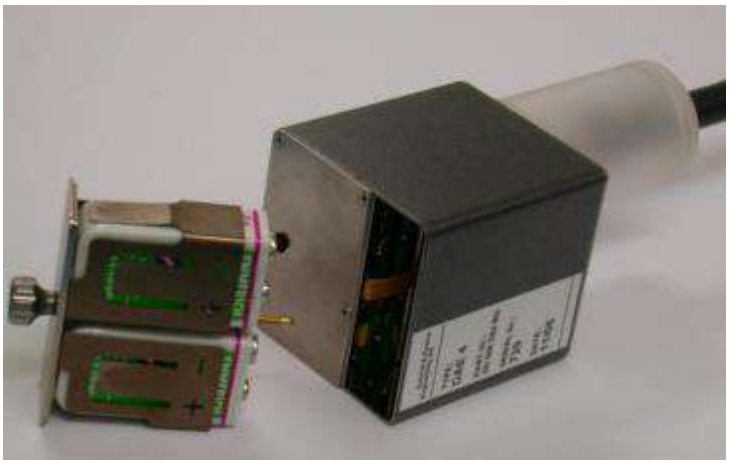
Construction	Symmetrical design with triangular core Built-in optical fiber for surface detection systemBuilt-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., glycolether)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to 6 GHz; 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

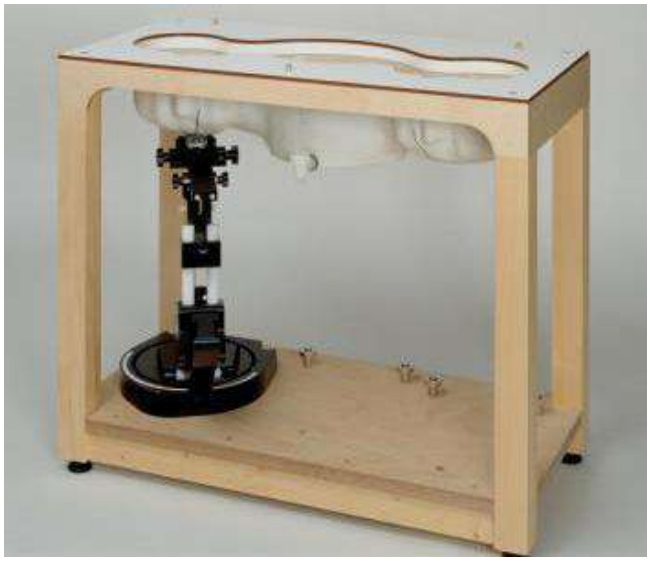
The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an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

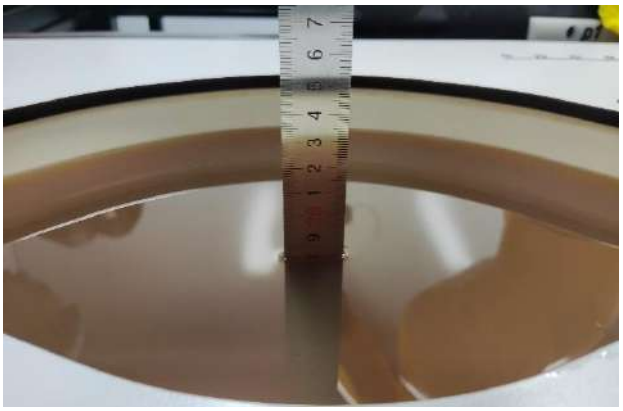
4.2.6 Device Holder

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

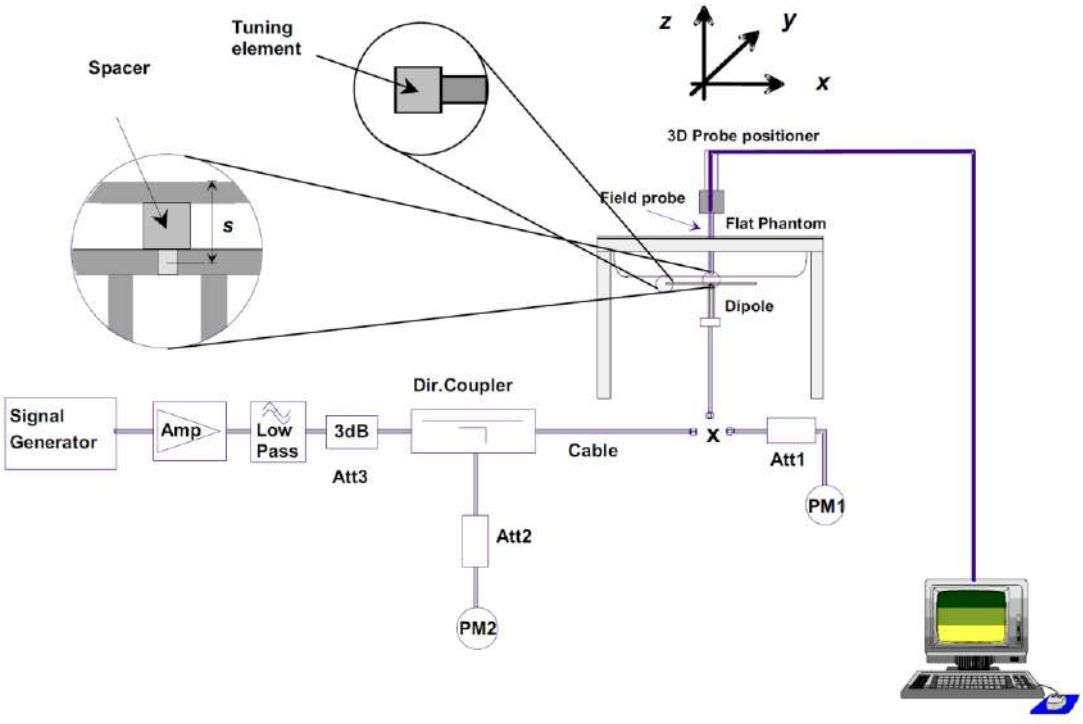
5 SYSTEM VERIFICATION

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

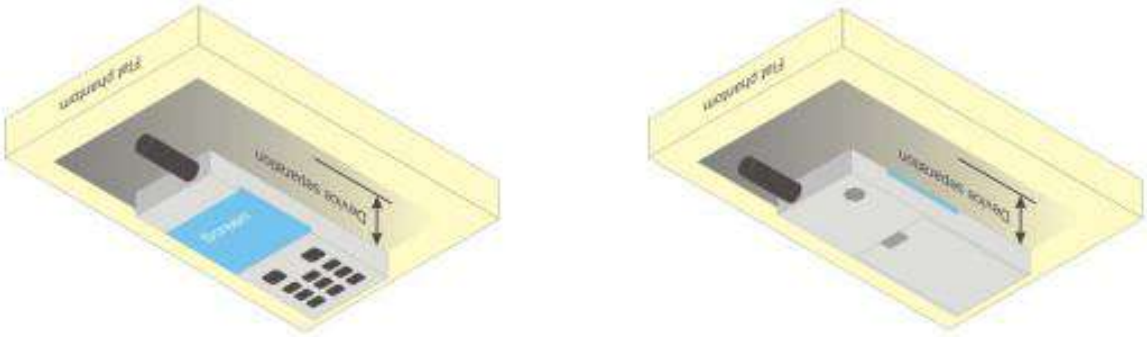
According to KDB 648474 D04 Handset, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

6.1 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.

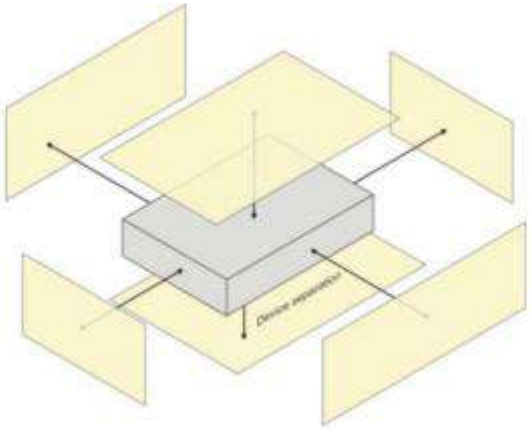
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.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



6.2 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).



6.3 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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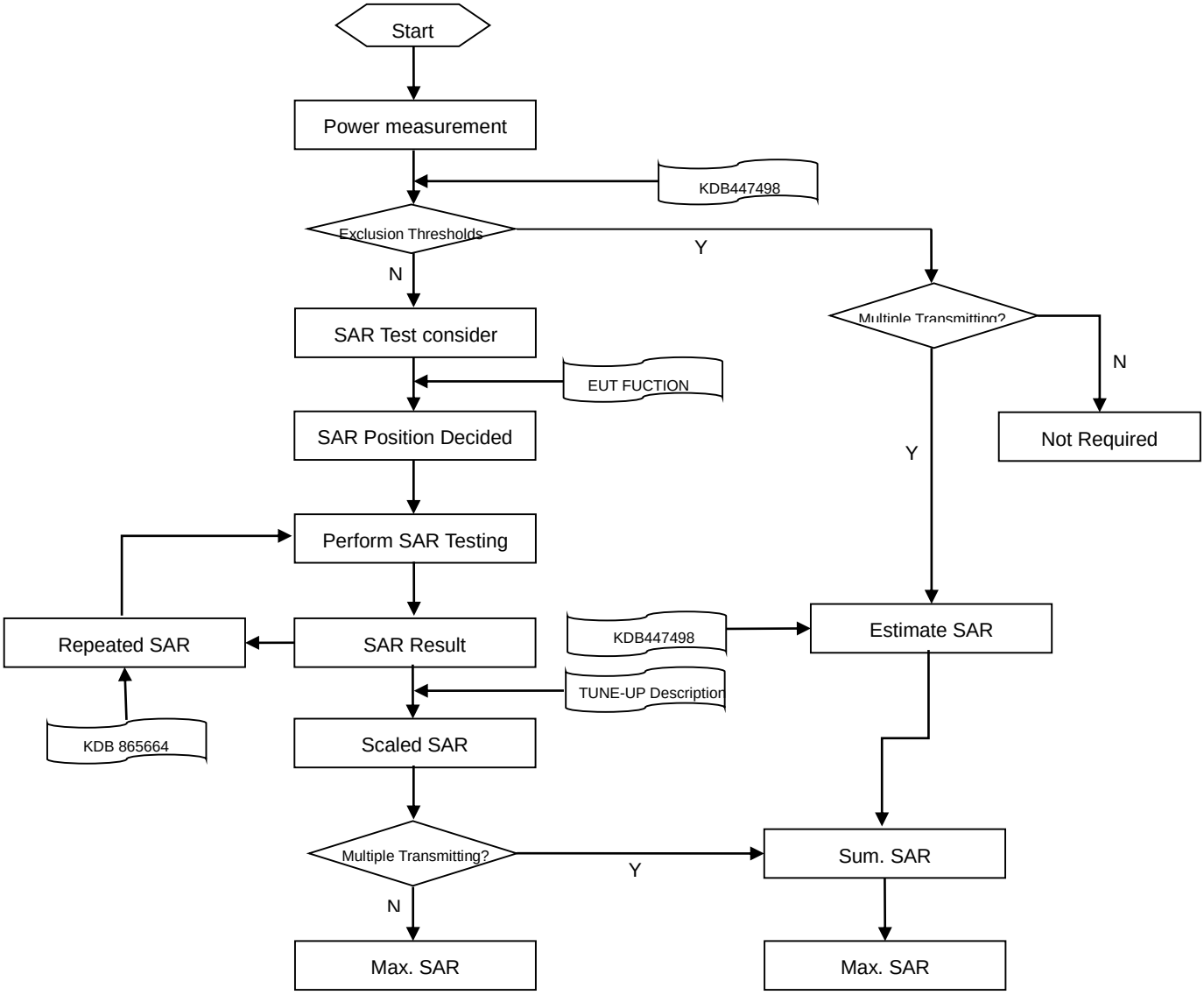
7 MEASUREMENT PROCEDURE

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="2">≤ 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><td>≤ 1.5·Δz Zoom (n-1)</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.

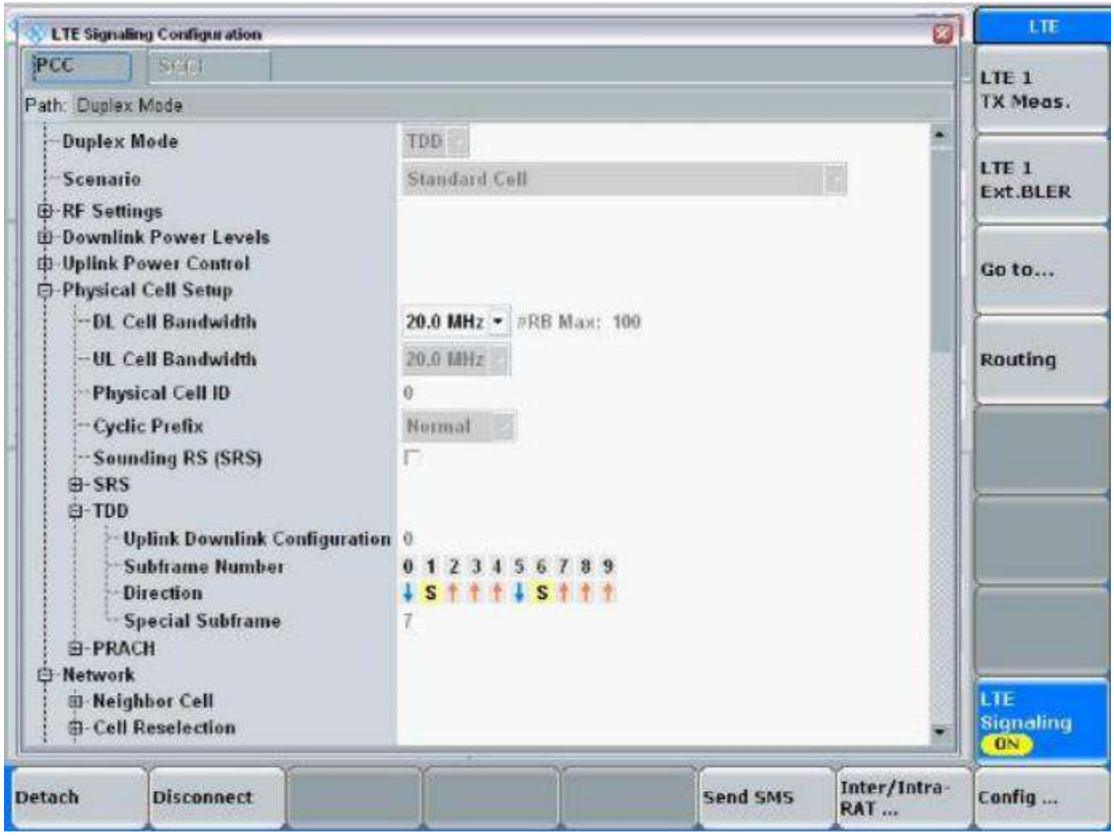
d. Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 *32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

7.4 Area & Zoom Scan Procedure

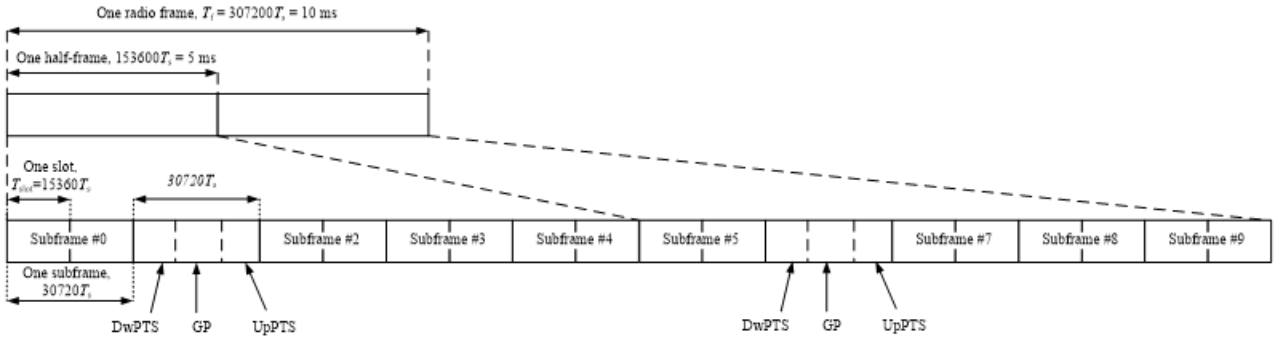
First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan 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.

7.5 Area & Zoom Scan Procedure

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



According to 3GPP Per 3GPP TS 36.211. Each radio frame of length (Tf=307200*TS =10ms) of two half-frames of length (153600*TS =5ms). Each half-frame consists of five sub-frames of length (30720*TS =1ms)



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

The length of DwPTS and UpPTS is given by below table subject to the total length of DwPTS, GP and UpPTS being equal to 30720*T_S =1ms.

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

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

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

Maximum uplink time of one special sub-frame=(largest cyclic prefix)/(one sub-frame of length)* time of one sub-frame=5120.Ts/30720.Ts*1ms=0.167ms

One radio frame with 6 uplink sub-frames and two special sub-frame,
there for the maximum Uplink time in one radio frame is: **6*1 ms+2*0.167 ms=6.334ms**
So, the duty cycle for TDD-LTE is: **6.334ms/10ms =1: 1.58**

8 CONDUCTED RF OUPUT POWER

8.1 WCDMA

Please refer the document “BL-SH2480613-AP Power List.pdf”.

8.2 LTE

Please refer the document “BL-SH2480613-AP Power List.pdf”.

8.3 NR

Please refer the document “BL-SH2480613-AP Power List.pdf”.

8.4 WIFI

8.4.1 2.4G WIFI-ANT9-Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	18.30	19.00	No
		6	2437	**18.39**	19.00	Yes
		11	2462	18.25	19.00	No
	802.11g	1	2412	16.14	17.00	No
		6	2437	16.02	17.00	No
		11	2462	16.08	17.00	No
	802.11n(HT20)	1	2412	16.90	18.00	No
		6	2437	17.06	18.00	No
		11	2462	17.13	18.00	No
	802.11n(HT40)	3	2422	17.03	18.00	No
		6	2437	17.14	18.00	No
		9	2452	17.20	18.00	No
	802.11ax (HE20)	1	2412	17.00	18.00	No
		6	2437	17.11	18.00	No
		11	2462	17.01	18.00	No
	802.11ax (HE40)	3	2422	17.00	18.00	No
		6	2437	16.99	18.00	No
		9	2452	17.16	18.00	No
	802.11be (EHT20)	1	2412	17.13	18.00	No
		6	2437	17.26	18.00	No
		11	2462	16.93	18.00	No
	802.11be (EHT40)	3	2422	17.24	18.00	No
		6	2437	17.06	18.00	No
		9	2452	17.25	18.00	No

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

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

2) When multiple transmission modes (802.11b/g/n/VHT/ax) 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 = 0.110 * (50.120mW/79.430mW) = 0.069 W/Kg, so 2.4G OFDM SAR test is not required.

8.4.2 2.4G WIFI-ANT10-Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11b	1	2412	18.56	19.00	No
		6	2437	**18.59**	19.00	Yes
		11	2462	18.31	19.00	No
	802.11g	1	2412	15.87	17.00	No
		6	2437	15.93	17.00	No
		11	2462	16.00	17.00	No
	802.11n(HT20)	1	2412	17.34	18.00	No
		6	2437	17.28	18.00	No
		11	2462	17.17	18.00	No
	802.11n(HT40)	3	2422	17.61	18.00	No
		6	2437	17.14	18.00	No
		9	2452	17.54	18.00	No
	802.11ax (HE20)	1	2412	16.86	18.00	No
		6	2437	16.94	18.00	No
		11	2462	17.21	18.00	No
	802.11ax (HE40)	3	2422	17.13	18.00	No
		6	2437	16.95	18.00	No
		9	2452	17.32	18.00	No
	802.11be (EHT20)	1	2412	17.29	18.00	No
		6	2437	17.12	18.00	No
		11	2462	16.88	18.00	No
	802.11be (EHT40)	3	2422	16.97	18.00	No
		6	2437	17.28	18.00	No
		9	2452	17.25	18.00	No

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

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

2) When multiple transmission modes (802.11b/g/n/VHT/ax) 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 = 0.043 * (50.120mW/79.430mW) = 0.027 W/Kg, so 2.4G OFDM SAR test is not required.

8.4.3 2.4G WIFI-MIMO-Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4	802.11n(HT20)	1	2412	19.86	21.00	No
		6	2437	20.19	21.00	No
		11	2462	20.04	21.00	No
	802.11n(HT40)	3	2422	20.01	21.00	No
		6	2437	**20.02**	21.00	Yes
		9	2452	19.98	21.00	No
	802.11ax (HE20)	1	2412	20.04	21.00	No
		6	2437	20.03	21.00	No
		11	2462	20.11	21.00	No
	802.11ax (HE40)	3	2422	20.17	21.00	No
		6	2437	20.09	21.00	No
		9	2452	19.97	21.00	No
	802.11be (EHT20)	1	2412	20.05	21.00	No
		6	2437	20.10	21.00	No
		11	2462	20.13	21.00	No
	802.11be (EHT40)	3	2422	20.33	21.00	No
		6	2437	19.95	21.00	No
		9	2452	19.85	21.00	No

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

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

2) When multiple transmission modes (802.11b/g/n/VHT/ax) 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.

8.4.4 5G WIFI-ANT9-Full power

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2	802.11a	36	5180	14.95	16.00	No
		40	5200	16.05	17.00	No
		44	5220	16.20	17.00	No
		48	5240	15.98	17.00	No
	802.11n(HT20)	36	5180	16.75	18.00	No
		44	5220	16.91	18.00	No
		48	5240	17.19	18.00	No
	802.11n(HT40)	38	5190	16.97	18.00	No
		46	5230	17.20	18.00	No
	802.11ac(VHT20)	36	5180	14.94	16.00	No
		40	5200	16.53	18.00	No
		44	5220	16.89	18.00	No
		48	5240	17.33	18.00	No
	802.11ac(VHT40)	38	5190	13.29	15.00	No
		46	5230	17.04	18.00	No
	802.11ac(VHT80)	42	5210	13.42	15.00	No
	802.11ac(VHT160)	50	5250	14.04	15.00	No
	802.11ax(HE20)	36	5180	14.34	16.00	No
		40	5200	17.08	18.00	No
		44	5220	17.14	18.00	No
		48	5240	17.13	18.00	No
	802.11ax(HE40)	38	5190	13.18	15.00	No
		46	5230	17.30	18.00	No
	802.11ax(HE80)	42	5210	**17.01**	18.00	Yes
	802.11ax(HE160)	50	5250	17.11	18.00	No
	802.11be(EHT20)	36	5180	14.30	16.00	No
		40	5200	16.96	18.00	No
		44	5220	16.99	18.00	No
		48	5240	17.31	18.00	No
	802.11be(EHT40)	38	5190	13.48	15.00	No
		46	5230	17.15	18.00	No
	802.11be(EHT80)	42	5210	13.01	15.00	No
	802.11be(EHT160)	50	5250	14.83	16.00	No
5.3	802.11a	52	5260	15.93	17.00	No
		60	5300	15.97	17.00	No
		64	5320	14.89	16.00	No
	802.11n(HT20)	52	5260	17.13	18.00	No
		60	5300	17.23	18.00	No
		64	5320	14.86	16.00	No

	802.11n(HT40)	54	5270	**17.29**	18.00	Yes
		62	5310	14.09	15.00	No
	802.11ac(VHT20)	52	5260	17.18	18.00	No
		60	5300	17.26	18.00	No
		64	5320	17.31	18.00	No
	802.11ac(VHT40)	54	5270	16.97	18.00	No
		62	5310	17.28	18.00	No
	802.11ac(VHT80)	58	5290	13.87	15.00	No
	802.11ax(HE20)	52	5260	17.28	18.00	No
		60	5300	16.88	18.00	No
		64	5320	15.03	16.00	No
	802.11ax(HE40)	54	5270	17.34	18.00	No
		62	5310	14.00	15.00	No
	802.11ax(HE80)	58	5290	13.97	15.00	No
	802.11be(EHT20)	52	5260	17.05	18.00	No
		60	5300	17.31	18.00	No
		64	5320	15.20	16.00	No
	802.11be(EHT40)	54	5270	17.06	18.00	No
		62	5310	13.79	15.00	No
	802.11be(EHT80)	58	5290	14.02	15.00	No
5.6	802.11a	100	5500	14.10	16.00	No
		104	5520	16.02	17.00	No
		116	5580	16.13	17.00	No
		136	5680	16.12	17.00	No
		140	5700	14.86	16.00	No
	802.11n(HT20)	100	5500	14.98	16.00	No
		116	5580	17.17	18.00	No
		136	5680	16.95	18.00	No
		140	5700	13.90	15.00	No
	802.11n(HT40)	102	5510	13.21	15.00	No
		110	5550	17.10	18.00	No
		118	5590	17.18	18.00	No
		126	5630	17.04	18.00	No
		134	5670	15.71	17.00	No
	802.11ac(VHT20)	100	5500	15.80	17.00	No
		104	5520	16.76	18.00	No
		116	5580	16.94	18.00	No
		140	5700	16.84	18.00	No
	802.11ac(VHT40)	102	5510	15.54	17.00	No
		110	5550	16.96	18.00	No
		118	5590	17.03	18.00	No
		134	5670	16.94	18.00	No
	802.11ac(VHT80)	106	5530	12.67	14.00	No

		122	5610	**16.19**	18.00	Yes
		138	5610	16.10	18.00	No
	802.11ac(VHT160)	114	5570	13.97	15.00	No
	802.11ax(HE20)	100	5500	13.81	15.00	No
		104	5520	17.21	18.00	No
		116	5580	17.32	18.00	No
		136	5680	17.12	18.00	No
		140	5700	13.53	15.00	No
	802.11ax(HE40)	102	5510	13.20	14.00	No
		110	5550	16.92	18.00	No
		118	5590	16.90	18.00	No
		134	5670	16.97	18.00	No
	802.11ax(HE80)	106	5530	12.29	13.00	No
		122	5610	15.02	16.00	No
		138	5690	14.87	16.00	No
	802.11ax(HE160)	114	5570	13.97	15.00	No
	802.11be(EHT20)	100	5500	13.81	15.00	No
		104	5520	16.87	18.00	No
		116	5580	17.11	18.00	No
		136	5680	16.93	18.00	No
		140	5700	13.53	15.00	No
	802.11be(EHT40)	102	5510	12.98	14.00	No
		110	5550	15.92	17.00	No
		118	5590	15.93	17.00	No
		126	5630	15.87	17.00	No
		134	5670	14.09	15.00	No
	802.11be(EHT80)	106	5530	11.85	13.00	No
		122	5610	15.52	16.00	No
		138	5690	15.45	16.00	No
	802.11be(EHT160)	114	5570	13.35	15.00	No
5.8	802.11a	149	5745	16.45	17.00	No
		157	5785	16.31	17.00	No
		165	5825	16.28	17.00	No
	802.11n(HT20)	149	5745	17.32	18.00	No
		157	5785	16.94	18.00	No
		165	5825	17.13	18.00	No
	802.11n(HT40)	151	5755	14.55	16.00	No
		159	5795	15.84	17.00	No
	802.11ac(VHT20)	149	5745	17.18	18.00	No
		157	5785	17.13	18.00	No
		165	5825	17.11	18.00	No
	802.11ac(VHT40)	151	5755	17.21	18.00	No
		159	5795	17.32	18.00	No

	802.11ac(VHT80)	155	5775	14.89	16.00	No
	802.11ax(HE20)	149	5745	17.19	18.00	No
		157	5785	17.34	18.00	No
		165	5825	17.18	18.00	No
	802.11ax(HE40)	151	5755	14.48	16.00	No
		159	5795	15.78	17.00	No
	802.11ax(HE80)	155	5775	14.54	16.00	No
	802.11be(EHT20)	149	5745	16.99	18.00	No
		157	5785	17.24	18.00	No
		165	5825	17.22	18.00	No
	802.11be(EHT40)	151	5755	14.28	15.00	No
		159	5795	15.23	16.00	No
	802.11be(EHT80)	155	5775	**16.89**	18.00	Yes
Note: When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.						

8.4.5 5G WIFI-ANT10-Full power

Band	Mode	Channel	Freq.	Conducted Power(dBm）	Tune-up Power(dBm)	SAR Test Require.
5.2	802.11a	36	5180	14.96	16.00	No
		44	5220	15.06	16.00	No
		48	5240	15.25	16.00	No
	802.11n(HT20)	36	5180	15.53	17.00	No
		44	5220	15.60	17.00	No
		48	5240	**17.03**	18.00	Yes
	802.11n(HT40)	38	5190	14.92	16.00	No
		46	5230	15.29	17.00	No
	802.11ac(VHT20)	36	5180	15.98	17.00	No
		44	5220	15.56	17.00	No
		48	5240	16.89	18.00	No
	802.11ac(VHT40)	38	5190	14.88	16.00	No
		46	5230	15.34	17.00	No
	802.11ac(VHT80)	42	5210	14.51	16.00	No
	802.11ac(VHT160)	50	5250	13.76	15.00	No
	802.11ax(HE20)	36	5180	15.09	16.00	No
		44	5220	15.61	16.00	No
		48	5240	17.10	18.00	No
	802.11ax(HE40)	38	5190	14.75	16.00	No
		46	5230	15.25	17.00	No
	802.11ax(HE80)	42	5210	13.70	15.00	No
	802.11aX(HE160)	50	5250	15.04	16.00	No
	802.11be(EHT20)	36	5180	15.56	17.00	No
		44	5220	14.81	16.00	No
		48	5240	15.52	17.00	No
	802.11be(EHT40)	38	5190	14.69	16.00	No
		46	5230	15.23	17.00	No
	802.11be(EHT80)	42	5210	12.57	14.00	No
	802.11be(EHT160)	50	5250	15.03	16.00	No
5.3	802.11a	52	5260	16.21	17.00	No
		60	5300	16.18	17.00	No
		64	5320	15.47	16.00	No
	802.11n(HT20)	52	5260	17.19	18.00	No
		60	5300	17.27	18.00	No
		64	5320	14.97	16.00	No
	802.11n(HT40)	54	5270	15.82	17.00	No
		62	5310	13.52	14.00	No
	802.11ac(VHT20)	52	5260	16.85	18.00	No
		60	5300	17.01	18.00	No

		64	5320	17.00	18.00	No
	802.11ac(VHT40)	54	5270	15.91	17.00	No
		62	5310	16.06	17.00	No
	802.11ac(VHT80)	58	5290	14.51	16.00	No
	802.11ax(HE20)	52	5260	17.17	18.00	No
		60	5300	17.17	18.00	No
		64	5320	14.99	16.00	No
	802.11ax(HE40)	54	5270	15.83	17.00	No
		62	5310	13.43	15.00	No
	802.11ax(HE80)	58	5290	13.22	14.00	No
	802.11be(EHT20)	52	5260	17.29	18.00	No
		60	5300	17.00	18.00	No
		64	5320	15.08	16.00	No
	802.11be(EHT40)	54	5270	**16.90**	18.00	Yes
		62	5310	13.78	15.00	No
	802.11be(EHT80)	58	5290	13.34	15.00	No
5.6	802.11a	100	5500	15.10	16.00	No
		104	5520	16.25	17.00	No
		116	5580	16.31	17.00	No
		136	5680	16.07	17.00	No
		140	5700	14.96	16.00	No
	802.11n(HT20)	100	5500	15.16	16.00	No
		104	5520	15.96	17.00	No
		116	5580	15.99	17.00	No
		136	5680	15.85	17.00	No
		140	5700	14.41	16.00	No
	802.11n(HT40)	102	5510	13.55	14.00	No
		110	5550	15.53	17.00	No
		118	5590	15.56	17.00	No
		134	5670	15.74	17.00	No
	802.11ac(VHT20)	100	5500	14.41	16.00	No
		116	5580	15.98	17.00	No
		120	5600	16.73	18.00	No
		140	5700	16.78	18.00	No
	802.11ac(VHT40)	102	5510	15.31	17.00	No
		118	5590	15.59	17.00	No
		126	5630	16.49	18.00	No
		134	5670	**16.54**	18.00	Yes
	802.11ac(VHT80)	106	5530	12.41	14.00	No
		122	5610	14.31	16.00	No
		138	5690	14.21	16.00	No
	802.11ac(VHT160)	114	5570	13.02	14.00	No
	802.11ax(HE20)	100	5500	14.23	15.00	No

		104	5520	16.25	18.00	No
		116	5580	16.32	18.00	No
		136	5680	16.45	18.00	No
		140	5700	13.48	14.00	No
	802.11ax(HE40)	102	5510	13.02	14.00	No
		110	5550	16.64	18.00	No
		118	5590	16.73	18.00	No
		126	5630	16.48	18.00	No
		134	5670	13.71	15.00	No
	802.11ax(HE80)	106	5530	12.12	13.00	No
		122	5610	13.97	15.00	No
		138	5690	13.84	15.00	No
	802.11ax(HE160)	114	5570	14.78	16.00	No
	802.11be(EHT20)	100	5500	14.21	15.00	No
		104	5520	15.41	17.00	No
		116	5580	15.44	17.00	No
		136	5680	15.37	17.00	No
		140	5700	13.48	15.00	No
	802.11be(EHT40)	102	5510	12.85	14.00	No
		110	5550	16.58	18.00	No
		118	5590	16.68	18.00	No
		126	5630	16.43	18.00	No
		134	5670	13.51	15.00	No
	802.11be(EHT80)	106	5530	11.62	13.00	No
		122	5610	14.00	15.00	No
		138	5690	13.95	15.00	No
	802.11be(EHT160)	114	5570	10.77	12.00	No
5.8	802.11a	149	5745	16.12	17.00	No
		157	5785	16.23	17.00	No
		165	5825	16.33	17.00	No
	802.11n(HT20)	149	5745	17.21	18.00	No
		157	5785	**17.27**	18.00	Yes
		165	5825	16.99	18.00	No
	802.11n(HT40)	151	5755	15.77	17.00	No
		159	5795	16.06	17.00	No
	802.11ac(VHT20)	149	5745	17.06	18.00	No
		157	5785	16.94	18.00	No
		165	5825	17.29	18.00	No
	802.11ac(VHT40)	151	5755	15.81	17.00	No
		159	5795	15.61	17.00	No
	802.11ac(VHT80)	155	5775	15.41	17.00	No
	802.11ax(HE20)	149	5745	14.82	16.00	No
		153	5765	15.43	17.00	No

		157	5785	15.48	17.00	No
		165	5825	15.61	17.00	No
	802.11ax(HE40)	151	5755	15.75	17.00	No
		159	5795	16.08	17.00	No
	802.11ax(HE80)	155	5775	14.28	15.00	No
	802.11be(EHT20)	149	5745	14.81	16.00	No
		157	5785	14.95	16.00	No
		165	5825	15.59	16.00	No
	802.11be(EHT40)	151	5755	14.02	15.00	No
		159	5795	16.06	17.00	No
	802.11be(EHT80)	155	5775	13.84	15.00	No
Note: When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.						

8.4.6 5G WIFI-MIMO-Full power

Band	Mode	Channel	Freq.	Conducted Power(dBm）	Tune-up Power(dBm)	SAR Test Require.
5.2	802.11n(HT20)	36	5180	19.82	21.00	No
		44	5220	19.74	21.00	No
		48	5240	**20.03**	21.00	Yes
	802.11n(HT40)	38	5190	18.89	20.00	No
		46	5230	19.09	20.00	No
	802.11ac(VHT20)	36	5180	19.05	20.00	No
		40	5200	19.87	21.00	No
		44	5220	19.98	21.00	No
		48	5240	19.77	21.00	No
	802.11ac(VHT40)	38	5190	16.74	18.00	No
		46	5230	18.82	20.00	No
	802.11ac(VHT80)	42	5210	16.79	18.00	No
	802.11ac(VHT160)	50	5250	16.99	18.00	No
	802.11ax(HE20)	36	5180	18.03	19.00	No
		40	5200	18.75	20.00	No
		44	5220	18.92	20.00	No
		48	5240	18.72	20.00	No
	802.11ax(HE40)	38	5190	16.80	18.00	No
		46	5230	19.03	20.00	No
	802.11ax(HE80)	42	5210	15.92	17.00	No
	802.11aX(HE160)	50	5250	16.89	18.00	No
	802.11be(EHT20)	36	5180	17.90	19.00	No
		40	5200	19.04	20.00	No
		44	5220	19.10	20.00	No
		48	5240	19.14	20.00	No
	802.11be(EHT40)	38	5190	16.98	18.00	No
		46	5230	18.99	20.00	No
	802.11be(EHT80)	42	5210	15.13	16.00	No
	802.11be(EHT160)	50	5250	17.67	19.00	No
5.3	802.11n(HT20)	52	5260	19.65	21.00	No
		60	5300	19.71	21.00	No
		64	5320	17.98	19.00	No
	802.11n(HT40)	54	5270	**19.69**	21.00	Yes
		62	5310	16.95	18.00	No
	802.11ac(VHT20)	52	5260	19.81	21.00	No
		60	5300	19.87	21.00	No
		64	5320	19.85	21.00	No
	802.11ac(VHT40)	54	5270	16.86	18.00	No
		62	5310	18.67	20.00	No

	802.11ac(VHT80)	58	5290	16.79	18.00	No
	802.11ax(HE20)	52	5260	19.68	21.00	No
		60	5300	20.09	21.00	No
		64	5320	17.79	19.00	No
	802.11ax(HE40)	54	5270	18.68	20.00	No
		62	5310	17.08	18.00	No
	802.11ax(HE80)	58	5290	17.01	18.00	No
	802.11be(EHT20)	52	5260	20.01	21.00	No
		60	5300	20.12	21.00	No
		64	5320	17.94	19.00	No
	802.11be(EHT40)	54	5270	18.92	20.00	No
		62	5310	14.11	15.00	No
	802.11be(EHT80)	58	5290	16.98	18.00	No
5.6	802.11n(HT20)	100	5500	17.67	19.00	No
		104	5520	19.87	21.00	No
		116	5580	19.94	21.00	No
		136	5680	19.76	21.00	No
		140	5700	16.65	18.00	No
	802.11n(HT40)	102	5510	15.77	17.00	No
		110	5550	18.78	20.00	No
		118	5590	19.00	20.00	No
		134	5670	19.09	20.00	No
	802.11ac(VHT20)	100	5500	17.79	19.00	No
		104	5520	19.46	21.00	No
		116	5580	19.97	21.00	No
		140	5700	19.79	21.00	No
	802.11ac(VHT40)	102	5510	17.92	19.00	No
		110	5550	18.79	20.00	No
		118	5590	18.81	20.00	No
		126	5630	19.75	21.00	No
		134	5670	**20.00**	21.00	Yes
	802.11ac(VHT80)	106	5530	15.01	16.00	No
		122	5610	17.90	19.00	No
		138	5690	17.68	19.00	No
	802.11ac(VHT160)	114	5570	16.88	18.00	No
	802.11ax(HE20)	100	5500	16.95	18.00	No
		104	5520	19.54	21.00	No
		116	5580	19.86	21.00	No
		136	5680	19.83	21.00	No
		140	5700	15.65	17.00	No
	802.11ax(HE40)	102	5510	15.98	17.00	No
		110	5550	18.68	20.00	No
		118	5590	18.72	20.00	No

		126	5630	18.73	20.00	No
		134	5670	17.85	19.00	No
	802.11ax(HE80)	106	5530	14.86	16.00	No
		122	5610	16.97	18.00	No
		138	5690	16.77	18.00	No
	802.11ax(HE160)	114	5570	16.92	18.00	No
	802.11be(EHT20)	100	5500	16.71	18.00	No
		104	5520	18.80	20.00	No
		116	5580	18.93	20.00	No
		136	5680	18.71	20.00	No
		140	5700	15.84	17.00	No
	802.11be(EHT40)	102	5510	15.73	17.00	No
		110	5550	18.89	20.00	No
		118	5590	19.09	20.00	No
		126	5630	19.02	20.00	No
		134	5670	16.66	18.00	No
	802.11be(EHT80)	106	5530	14.87	16.00	No
		122	5610	17.97	19.00	No
		138	5690	17.83	19.00	No
	802.11be(EHT160)	114	5570	15.14	16.00	No
5.8	802.11n(HT20)	149	5745	**20.13**	21.00	Yes
		157	5785	19.78	21.00	No
		165	5825	19.79	21.00	No
	802.11n(HT40)	151	5755	18.06	19.00	No
		159	5795	19.14	20.00	No
	802.11ac(VHT20)	149	5745	19.86	21.00	No
		157	5785	19.68	21.00	No
		165	5825	20.05	21.00	No
	802.11ac(VHT40)	151	5755	18.74	20.00	No
		159	5795	18.86	20.00	No
	802.11ac(VHT80)	155	5775	17.89	19.00	No
	802.11ax(HE20)	149	5745	18.81	20.00	No
		157	5785	18.65	20.00	No
		165	5825	19.11	20.00	No
	802.11ax(HE40)	151	5755	17.80	19.00	No
		159	5795	19.05	20.00	No
	802.11ax(HE80)	155	5775	16.97	18.00	No
	802.11be(EHT20)	149	5745	18.70	20.00	No
		157	5785	18.98	20.00	No
		165	5825	18.80	20.00	No
	802.11be(EHT40)	151	5755	16.99	18.00	No
		159	5795	17.76	19.00	No
	802.11be(EHT80)	155	5775	18.12	19.00	No

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

8.4.7 6G WIFI-ANT9-Full power

Band	Mode	Channel	Freq.	Conducted Power(dBm)	Tune-up Power(dBm)	SAR Test Require.
6	802.11ax(HE20)	1	5955	10.88	12.00	No
		45	6175	11.14	12.00	No
		93	6415	11.01	12.00	No
		97	6435	10.88	12.00	No
		105	6475	11.23	12.00	No
		113	6515	10.85	12.00	No
		117	6535	10.85	12.00	No
		153	6715	10.94	12.00	No
		181	6855	11.33	12.00	No
		185	6875	10.90	12.00	No
		213	7015	11.21	12.00	No
		233	7115	11.33	12.00	No
	802.11ax(HE40)	3	5965	10.90	12.00	No
		43	6165	11.30	12.00	No
		91	6405	10.86	12.00	No
		99	6445	11.23	12.00	No
		107	6485	11.26	12.00	No
		115	6525	11.15	12.00	No
		123	6565	10.96	12.00	No
		155	6725	10.95	12.00	No
		179	6845	11.11	12.00	No
		187	6885	10.96	12.00	No
		211	7005	11.08	12.00	No
		227	7085	11.26	12.00	No
	802.11ax(HE80)	7	5985	11.30	12.00	No
		39	6145	11.18	12.00	No
		87	6385	11.14	12.00	No
		103	6465	11.31	12.00	No
		119	6545	11.21	12.00	No
		135	6625	11.03	12.00	No
		151	6705	10.99	12.00	No
		167	6785	11.29	12.00	No
		183	6865	11.24	12.00	No
		199	6945	10.96	12.00	No
		215	7025	11.32	12.00	No
	802.11ax(HE160)	15	6025	**11.46**	12.00	Yes
		47	6185	11.13	12.00	No
		79	6345	11.24	12.00	No
		111	6505	10.64	12.00	No

		143	6665	11.16	12.00	No
		175	6825	11.06	12.00	No
		207	6985	10.54	12.00	No
	802.11be(EHT20)	1	5955	11.32	12.00	No
		45	6175	11.34	12.00	No
		93	6415	11.10	12.00	No
		97	6435	10.94	12.00	No
		105	6475	11.03	12.00	No
		113	6515	10.88	12.00	No
		117	6535	10.88	12.00	No
		153	6715	11.21	12.00	No
		181	6855	11.00	12.00	No
		185	6875	10.89	12.00	No
		213	7015	11.17	12.00	No
		233	7115	10.85	12.00	No
	802.11be(EHT40)	3	5965	11.21	12.00	No
		43	6165	10.98	12.00	No
		91	6405	10.92	12.00	No
		99	6445	11.08	12.00	No
		107	6485	10.91	12.00	No
		115	6525	11.02	12.00	No
		123	6565	10.90	12.00	No
		155	6725	10.91	12.00	No
		179	6845	11.04	12.00	No
		187	6885	11.14	12.00	No
		211	7005	10.97	12.00	No
		227	7085	11.03	12.00	No
	802.11be(EHT80)	7	5985	10.98	12.00	No
		39	6145	11.26	12.00	No
		87	6385	10.95	12.00	No
		103	6465	11.27	12.00	No
		119	6545	11.13	12.00	No
		135	6625	11.05	12.00	No
		151	6705	10.90	12.00	No
		167	6785	11.03	12.00	No
		183	6865	10.94	12.00	No
		199	6945	11.15	12.00	No
		215	7025	10.97	12.00	No
	802.11be(EHT160)	15	6025	10.89	12.00	No
		47	6185	10.90	12.00	No
		79	6345	11.01	12.00	No
		111	6505	11.06	12.00	No
		143	6665	11.01	12.00	No

		175	6825	11.07	12.00	No
		207	6985	11.00	12.00	No

8.4.8 6G WIFI-ANT10-Full power

Band	Mode	Channel	Freq.	Conducted Power(dBm)	Tune-up Power(dBm)	SAR Test Require.
6	802.11ax(HE20)	1	5955	11.11	12.00	No
		45	6175	10.98	12.00	No
		93	6415	10.98	12.00	No
		97	6435	11.06	12.00	No
		105	6475	11.17	12.00	No
		113	6515	11.21	12.00	No
		117	6535	11.22	12.00	No
		153	6715	11.14	12.00	No
		181	6855	11.34	12.00	No
		185	6875	11.12	12.00	No
		213	7015	11.13	12.00	No
		233	7115	11.25	12.00	No
	802.11ax(HE40)	3	5965	11.31	12.00	No
		43	6165	11.02	12.00	No
		91	6405	11.01	12.00	No
		99	6445	11.26	12.00	No
		107	6485	11.18	12.00	No
		115	6525	11.26	12.00	No
		123	6565	11.22	12.00	No
		155	6725	10.89	12.00	No
		179	6845	11.02	12.00	No
		187	6885	11.34	12.00	No
		211	7005	11.00	12.00	No
		227	7085	11.08	12.00	No
	802.11ax(HE80)	7	5985	11.25	12.00	No
		39	6145	10.99	12.00	No
		87	6385	11.11	12.00	No
		103	6465	11.23	12.00	No
		119	6545	11.22	12.00	No
		135	6625	11.15	12.00	No
		151	6705	11.07	12.00	No
		167	6785	11.22	12.00	No
		183	6865	11.26	12.00	No
		199	6945	11.03	12.00	No
		215	7025	11.31	12.00	No
	802.11ax(HE160)	15	6025	**11.50**	12.00	Yes

		47	6185	11.28	12.00	No
		79	6345	11.38	12.00	No
		111	6505	10.69	12.00	No
		143	6665	11.26	12.00	No
		175	6825	11.12	12.00	No
		207	6985	10.56	12.00	No
	802.11be(EHT20)	1	5955	10.93	12.00	No
		45	6175	11.08	12.00	No
		93	6415	11.01	12.00	No
		97	6435	10.95	12.00	No
		105	6475	11.08	12.00	No
		113	6515	11.06	12.00	No
		117	6535	11.31	12.00	No
		153	6715	11.08	12.00	No
		181	6855	11.09	12.00	No
		185	6875	11.01	12.00	No
		213	7015	10.88	12.00	No
		233	7115	11.07	12.00	No
	802.11be(EHT40)	3	5965	10.89	12.00	No
		43	6165	11.04	12.00	No
		91	6405	11.19	12.00	No
		99	6445	10.95	12.00	No
		107	6485	11.23	12.00	No
		115	6525	11.30	12.00	No
		123	6565	11.20	12.00	No
		155	6725	10.87	12.00	No
		179	6845	11.03	12.00	No
		187	6885	10.90	12.00	No
		211	7005	11.31	12.00	No
		227	7085	10.95	12.00	No
	802.11be(EHT80)	7	5985	11.08	12.00	No
		39	6145	11.07	12.00	No
		87	6385	11.03	12.00	No
		103	6465	11.27	12.00	No
		119	6545	11.16	12.00	No
		135	6625	11.19	12.00	No
		151	6705	11.26	12.00	No
		167	6785	11.23	12.00	No
		183	6865	11.02	12.00	No
		199	6945	11.16	12.00	No
		215	7025	11.23	12.00	No
	802.11be(EHT160)	15	6025	11.11	12.00	No
		47	6185	11.19	12.00	No

		79	6345	10.99	12.00	No
		111	6505	11.03	12.00	No
		143	6665	11.28	12.00	No
		175	6825	11.27	12.00	No
		207	6985	11.18	12.00	No

8.4.9 6G WIFI-MIMO-Full power

Band	Mode	Channel	Freq.	Conducted Power(dBm)	Tune-up Power(dBm)	SAR Test Require.
6	802.11ax(HE20)	1	5955	14.27	15.00	No
		45	6175	13.98	15.00	No
		93	6415	14.10	15.00	No
		97	6435	14.04	15.00	No
		105	6475	13.93	15.00	No
		113	6515	14.10	15.00	No
		117	6535	14.00	15.00	No
		153	6715	13.97	15.00	No
		181	6855	14.32	15.00	No
		185	6875	14.34	15.00	No
		213	7015	14.04	15.00	No
		233	7115	14.14	15.00	No
	802.11ax(HE40)	3	5965	14.31	15.00	No
		43	6165	14.20	15.00	No
		91	6405	13.94	15.00	No
		99	6445	14.00	15.00	No
		107	6485	13.89	15.00	No
		115	6525	14.32	15.00	No
		123	6565	14.29	15.00	No
		155	6725	14.09	15.00	No
		179	6845	14.28	15.00	No
		187	6885	14.28	15.00	No
		211	7005	14.09	15.00	No
		227	7085	14.14	15.00	No
	802.11ax(HE80)	7	5985	14.31	15.00	No
		39	6145	14.15	15.00	No
		87	6385	14.03	15.00	No
		103	6465	14.21	15.00	No
		119	6545	14.22	15.00	No
		135	6625	13.89	15.00	No
		151	6705	14.22	15.00	No
		167	6785	14.33	15.00	No
		183	6865	13.91	15.00	No

		199	6945	13.85	15.00	No
		215	7025	14.08	15.00	No
	802.11ax(HE160)	15	6025	**14.39**	15.00	Yes
		47	6185	14.10	15.00	Yes
		79	6345	14.17	15.00	Yes
		111	6505	14.33	15.00	Yes
		143	6665	14.01	15.00	Yes
		175	6825	14.09	15.00	Yes
		207	6985	14.12	15.00	Yes
	802.11be(EHT20)	1	5955	14.13	15.00	No
		45	6175	14.11	15.00	No
		93	6415	13.88	15.00	No
		97	6435	14.17	15.00	No
		105	6475	14.12	15.00	No
		113	6515	14.33	15.00	No
		117	6535	14.11	15.00	No
		153	6715	14.13	15.00	No
		181	6855	13.90	15.00	No
		185	6875	14.02	15.00	No
		213	7015	14.26	15.00	No
		233	7115	14.22	15.00	No
	802.11be(EHT40)	3	5965	14.02	15.00	No
		43	6165	14.28	15.00	No
		91	6405	13.89	15.00	No
		99	6445	14.20	15.00	No
		107	6485	14.34	15.00	No
		115	6525	14.04	15.00	No
		123	6565	14.03	15.00	No
		155	6725	14.18	15.00	No
		179	6845	14.26	15.00	No
		187	6885	13.92	15.00	No
		211	7005	14.01	15.00	No
		227	7085	14.19	15.00	No
	802.11be(EHT80)	7	5985	14.34	15.00	No
		39	6145	14.34	15.00	No
		87	6385	14.21	15.00	No
		103	6465	13.90	15.00	No
		119	6545	13.85	15.00	No
		135	6625	14.31	15.00	No
		151	6705	13.86	15.00	No
		167	6785	14.10	15.00	No
		183	6865	14.13	15.00	No
		199	6945	14.01	15.00	No

		215	7025	13.86	15.00	No
	802.11be(EHT160)	15	6025	14.07	15.00	No
		47	6185	13.99	15.00	No
		79	6345	14.22	15.00	No
		111	6505	14.26	15.00	No
		143	6665	14.19	15.00	No
		175	6825	14.28	15.00	No
		207	6985	13.90	15.00	No

9 TEST EXCLUSION CONSIDERATION

For antenna location and support bands please refer the document “BL-SH2480613-AI EUT internal photo.pdf”.

Antenna	Front Side(mm)	Back Side(mm)	Left Edge(mm)	Right Edge(mm)	Top Edge(mm)	Bottom Edge(mm)
Ant.0	15	2	3	120	5	40
Ant.1	15	2	120	3	32	3
Ant.9	15	2	3	100	5	55
Ant.10	15	2	118	3	45	3

9.1 SAR Test Exclusion Consideration Table

According with FCC KDB 447498 D04, Appendix B, The SAR-based exemption formula applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold Pth (mW), this Device SAR test configurations consider as following :

RF exposure Position	RF exposure scenarios
Front Side	Body-Worn&Hotspot&Extremity
Back Side	Body-Worn&Hotspot&Extremity
Left Edge	Body-Worn&Hotspot&Extremity
Right Edge	Body-Worn&Hotspot&Extremity
Top Edge	Body-Worn&Hotspot&Extremity
Bottom Edge	Body-Worn&Hotspot&Extremity

Antenna 0

Test Position Configurations	Mode	WCDMA B2	WCDMA B4	LTE Band2	LTE Band4	LTE Band7	LTE Band30	LTE Band66	LTE Band38
Calculated Frequency(MHz)		1910	1755	1910	1755	2570	2315	1780	2620
Front Side	Distance to User (mm)	15							
	Max. Peak Power (dBm)	25.00	25.00	24.00	22.00	24.50	24.00	22.00	24.00
	Max. Peak Power (mW)	316.23	316.23	251.19	158.49	281.84	251.19	158.49	251.19
	Exclusion Threshold (mW)	25.51	26.76	25.51	26.76	21.59	22.90	26.54	21.36
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Back Side	Distance to User (mm)	2							
	Max. Peak Power (dBm)	25.00	25.00	24.00	22.00	24.50	24.00	22.00	24.00
	Max. Peak Power (mW)	316.23	316.23	251.19	158.49	281.84	251.19	158.49	251.19
	Exclusion Threshold (mW)	0.62	0.67	0.62	0.67	0.46	0.51	0.66	0.45
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Left Edge	Distance to User (mm)	3							
	Max. Peak Power (dBm)	25.00	25.00	24.00	22.00	24.50	24.00	22.00	24.00
	Max. Peak Power (mW)	316.23	316.23	251.19	158.49	281.84	251.19	158.49	251.19
	Exclusion Threshold (mW)	1.30	1.41	1.30	1.41	0.99	1.09	1.39	0.98
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Right Edge	Distance to User (mm)	120							
	Max. Peak Power (dBm)	25.00	25.00	24.00	22.00	24.50	24.00	22.00	24.00
	Max. Peak Power (mW)	316.23	316.23	251.19	158.49	281.84	251.19	158.49	251.19
	Exclusion Threshold (mW)	1190.49	1201.72	1190.49	1201.72	1151.93	1165.36	1199.83	1149.47
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Top Edge	Distance to User (mm)	5							
	Max. Peak Power (dBm)	25.00	25.00	24.00	22.00	24.50	24.00	22.00	24.00
	Max. Peak Power (mW)	316.23	316.23	251.19	158.49	281.84	251.19	158.49	251.19
	Exclusion Threshold (mW)	3.35	3.58	3.35	3.58	2.64	2.87	3.54	2.60
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bottom Edge	Distance to User (mm)	40							
	Max. Peak Power (dBm)	25.00	25.00	24.00	22.00	24.50	24.00	22.00	24.00
	Max. Peak Power (mW)	316.23	316.23	251.19	158.49	281.84	251.19	158.49	251.19
	Exclusion Threshold (mW)	156.30	160.99	156.30	160.99	140.90	146.14	160.20	139.96
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Test Position Configurations	Mode	LTE Band40	LTE Band41	n2	n30	n48	n66	n77
Calculated Frequency(MHz)		2400	2690	1910	2315	3700	1780	3980
Front Side	Distance to User (mm)	15						
	Max. Peak Power (dBm)	24.00	24.00	23.50	24.50	23.00	22.00	26.00
	Max. Peak Power (mW)	251.19	251.19	223.87	281.84	199.53	158.49	398.11
	Exclusion Threshold (mW)	22.44	21.04	25.51	22.90	17.59	26.54	16.38
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Back Side	Distance to User (mm)	2						
	Max. Peak Power (dBm)	24.00	24.00	23.50	24.50	23.00	22.00	26.00
	Max. Peak Power (mW)	251.19	251.19	223.87	281.84	199.53	158.49	398.11
	Exclusion Threshold (mW)	0.49	0.44	0.62	0.51	0.32	0.66	0.28
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Left Edge	Distance to User (mm)	3						
	Max. Peak Power (dBm)	24.00	24.00	23.50	24.50	23.00	22.00	26.00
	Max. Peak Power (mW)	251.19	251.19	223.87	281.84	199.53	158.49	398.11
	Exclusion Threshold (mW)	1.06	0.95	1.30	1.09	0.71	1.39	0.64
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Right Edge	Distance to User (mm)	120						
	Max. Peak Power (dBm)	24.00	24.00	23.50	24.50	23.00	22.00	26.00
	Max. Peak Power (mW)	251.19	251.19	223.87	281.84	199.53	158.49	398.11
	Exclusion Threshold (mW)	1160.71	1146.12	1190.49	1165.36	1106.30	1199.83	1090.85
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Top Edge	Distance to User (mm)	5						
	Max. Peak Power (dBm)	24.00	24.00	23.50	24.50	23.00	22.00	26.00
	Max. Peak Power (mW)	251.19	251.19	223.87	281.84	199.53	158.49	398.11
	Exclusion Threshold (mW)	2.79	2.55	3.35	2.87	1.97	3.54	1.78
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bottom Edge	Distance to User (mm)	40						
	Max. Peak Power (dBm)	24.00	24.00	23.50	24.50	23.00	22.00	26.00
	Max. Peak Power (mW)	251.19	251.19	223.87	281.84	199.53	158.49	398.11
	Exclusion Threshold (mW)	144.31	138.67	156.30	146.14	124.05	160.20	118.68
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Antenna 1

Test Position Configurations	Mode	WCDMA B5	LTE Band2	LTE Band4	LTE Band5	LTE Band12	LTE Band14	LTE Band26	LTE Band66
Calculated Frequency(MHz)		849	1910	1755	849	716	798	849	1780
Front Side	Distance to User (mm)	15							
	Max. Peak Power (dBm)	25.00	22.00	23.00	24.50	24.50	24.50	24.50	23.00
	Max. Peak Power (mW)	316.23	158.49	199.53	281.84	281.84	281.84	281.84	199.53
	Exclusion Threshold (mW)	43.22	25.51	26.76	43.22	48.59	45.10	43.22	26.54
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Back Side	Distance to User (mm)	2							
	Max. Peak Power (dBm)	25.00	22.00	23.00	24.50	24.50	24.50	24.50	23.00
	Max. Peak Power (mW)	316.23	158.49	199.53	281.84	281.84	281.84	281.84	199.53
	Exclusion Threshold (mW)	2.45	0.62	0.67	2.45	3.44	2.77	2.45	0.66
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Left Edge	Distance to User (mm)	3							
	Max. Peak Power (dBm)	25.00	22.00	23.00	24.50	24.50	24.50	24.50	23.00
	Max. Peak Power (mW)	316.23	158.49	199.53	281.84	281.84	281.84	281.84	199.53
	Exclusion Threshold (mW)	836.45	1190.49	1201.72	836.45	746.56	802.58	836.45	1199.83
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Right Edge	Distance to User (mm)	120							
	Max. Peak Power (dBm)	25.00	22.00	23.00	24.50	24.50	24.50	24.50	23.00
	Max. Peak Power (mW)	316.23	158.49	199.53	281.84	281.84	281.84	281.84	199.53
	Exclusion Threshold (mW)	4.36	1.30	1.41	4.36	5.86	4.86	4.36	1.39
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Top Edge	Distance to User (mm)	5							
	Max. Peak Power (dBm)	25.00	22.00	23.00	24.50	24.50	24.50	24.50	23.00
	Max. Peak Power (mW)	316.23	158.49	199.53	281.84	281.84	281.84	281.84	199.53
	Exclusion Threshold (mW)	127.21	103.48	107.03	127.21	131.49	128.75	127.21	106.43
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bottom Edge	Distance to User (mm)	40							
	Max. Peak Power (dBm)	25.00	22.00	23.00	24.50	24.50	24.50	24.50	23.00
	Max. Peak Power (mW)	316.23	158.49	199.53	281.84	281.84	281.84	281.84	199.53
	Exclusion Threshold (mW)	4.36	1.30	1.41	4.36	5.86	4.86	4.36	1.39
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Test Position Configurations	Mode	LTE Band48	n2	n5	n14	n48	n66	n77
Calculated Frequency(MHz)		3700	1910	849	798	3700	1780	3980
Front Side	Distance to User (mm)	15						
	Max. Peak Power (dBm)	22.50	22.00	24.00	24.00	23.00	22.00	26.00
	Max. Peak Power (mW)	177.83	158.49	251.19	251.19	199.53	158.49	398.11
	Exclusion Threshold (mW)	17.59	25.51	43.22	45.10	17.59	26.54	16.38
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Back Side	Distance to User (mm)	2						
	Max. Peak Power (dBm)	22.50	22.00	24.00	24.00	23.00	22.00	26.00
	Max. Peak Power (mW)	177.83	158.49	251.19	251.19	199.53	158.49	398.11
	Exclusion Threshold (mW)	0.32	0.62	2.45	2.77	0.32	0.66	0.28
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Left Edge	Distance to User (mm)	3						
	Max. Peak Power (dBm)	22.50	22.00	24.00	24.00	23.00	22.00	26.00
	Max. Peak Power (mW)	177.83	158.49	251.19	251.19	199.53	158.49	398.11
	Exclusion Threshold (mW)	1106.30	1190.49	836.45	802.58	1106.30	1199.83	1090.85
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Right Edge	Distance to User (mm)	120						
	Max. Peak Power (dBm)	22.50	22.00	24.00	24.00	23.00	22.00	26.00
	Max. Peak Power (mW)	177.83	158.49	251.19	251.19	199.53	158.49	398.11
	Exclusion Threshold (mW)	0.71	1.30	4.36	4.86	0.71	1.39	0.64
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Top Edge	Distance to User (mm)	5						
	Max. Peak Power (dBm)	22.50	22.00	24.00	24.00	23.00	22.00	26.00
	Max. Peak Power (mW)	177.83	158.49	251.19	251.19	199.53	158.49	398.11
	Exclusion Threshold (mW)	79.54	103.48	127.21	128.75	79.54	106.43	75.63
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bottom Edge	Distance to User (mm)	40						
	Max. Peak Power (dBm)	22.50	22.00	24.00	24.00	23.00	22.00	26.00
	Max. Peak Power (mW)	177.83	158.49	251.19	251.19	199.53	158.49	398.11
	Exclusion Threshold (mW)	1.30	4.36	4.86	0.71	1.39	0.64	1.30
	SAR Test Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Antenna 9

Test Position Configurations	Mode	2.4G WIFI	5.2&5.3GWIFI	5.6G WIFI	5.8G WIFI
Calculated Frequency(MHz)		2462	5320	5710	5825
Front Side	Distance to User (mm)	15			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	22.12	14.34	13.78	13.63
	SAR Test Required	Yes	Yes	Yes	Yes
Back Side	Distance to User (mm)	2			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	0.48	0.22	0.21	0.20
	SAR Test Required	Yes	Yes	Yes	Yes
Left Edge	Distance to User (mm)	3			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	1.03	0.51	0.48	0.47
	SAR Test Required	Yes	Yes	Yes	Yes
Right Edge	Distance to User (mm)	100			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	818.08	728.50	720.79	718.63
	SAR Test Required	Yes	Yes	Yes	Yes
Top Edge	Distance to User (mm)	5			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	2.73	1.47	1.39	1.37
	SAR Test Required	Yes	Yes	Yes	Yes
Bottom Edge	Distance to User (mm)	55			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	262.21	211.27	207.12	205.97
	SAR Test Required	Yes	Yes	Yes	Yes

Antenna 10

Test Position Configurations	Mode	2.4G WIFI	5.2&5.3GWIFI	5.6G WIFI	5.8G WIFI
Calculated Frequency(MHz)		2462	5320	5710	5825
Front Side	Distance to User (mm)	15			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	22.12	14.34	13.78	13.63
	SAR Test Required	Yes	Yes	Yes	Yes
Back Side	Distance to User (mm)	2			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	0.48	0.22	0.21	0.20
	SAR Test Required	Yes	Yes	Yes	Yes
Left Edge	Distance to User (mm)	118			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	1121.00	1026.28	1017.99	1015.67
	SAR Test Required	Yes	Yes	Yes	Yes
Right Edge	Distance to User (mm)	3			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	1.03	0.51	0.48	0.47
	SAR Test Required	Yes	Yes	Yes	Yes
Top Edge	Distance to User (mm)	45			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	178.97	139.44	136.28	135.41
	SAR Test Required	Yes	Yes	Yes	Yes
Bottom Edge	Distance to User (mm)	3			
	Max. Peak Power (dBm)	19.00	18.00	18.00	18.00
	Max. Peak Power (mW)	79.43	63.10	63.10	63.10
	Exclusion Threshold (mW)	1.03	0.51	0.48	0.47
	SAR Test Required	Yes	Yes	Yes	Yes

Note:

1. Maximum power is the source-based time-average power and represents the maximum RF output power including tune-up tolerance among production units
2. Per KDB 447498 D04, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. Per KDB 447498 D04, standalone SAR test exclusion threshold is applied; If the distance of the antenna to the user is < 5mm, 5mm is used to determine SAR exclusion threshold
4. Per KDB 447498 D04, for separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive), the threshold

Pth (mW) is given by Following:

$$P_{th}(mW) = \begin{cases} ERP_{20cm}(d/20cm)^x & d \le 20cm \\ ERP_{20cm} & 20cm < d \le 40cm \end{cases}$$

where

$$x = -log_{10}\left(\frac{60}{ERP_{20cm}\sqrt{f}}\right)$$

a. f(GHz) is the RF channel transmit frequency in GHz

b. d is the separation distance (cm), The result is rounded to one decimal place for comparison

c. ERP_{20cm} are determined by:

$$ERP_{20cm}(mW) = f(x) = \begin{cases} 2040f & 0.3GHz \le f < 1.5GHz \\ 3060 & 1.5GHz \le f \le 6GHz \end{cases}$$

5. Per KDB 941225 D01, RMC 12.2kbps setting is used to evaluate SAR. If HSDPA /HSUPA /DC-HSDPA output power is < 0.25dB higher than RMC12.2Kbps, or reported SAR with RMC 12.2kbps setting is ≤ 1.2W/kg, HSDPA/HSUPA/DC-HSDPA SAR evaluation can be excluded.
6. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion.8. For each frequency band, testing at higher data rates and higher order modulations is not required when the maximum average output power for each of these configurations is less than 1/4dB higher than those measured at the lowest data rate
7. Per KDB 248227 D01 SAR is not required for the following 2.4 GHz OFDM conditions.
   a. When KDB Publication 447498 D04 SAR test exclusion applies to the OFDM configuration.
   b. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
8. Per KDB 248227 D01 SAR is not required for the following U-NII-1 and U-NII-2A bands conditions.
   a. 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.
   b. When different maximum output power is specified for the bands, begin SAR measurement in the band with higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power in that test configuration; otherwise, each band is tested independently for SAR.

9.2 10g Extremity 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;

10 TEST RESULT

10.1WCDMA Band 2

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	1 g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot												
Ant.0	RMC	Front Side	10	9400	1880	-0.01	0.187	24.78	25.00	1.052	0.197	/
		Back Side	10	9400	1880	-0.10	1.120	24.78	25.00	1.052	**1.178**	1#
		Left Edge	10	9400	1880	-0.05	0.619	24.78	25.00	1.052	0.651	/
		Right Edge	10	9400	1880	0.05	0.000	24.78	25.00	1.052	0.000	/
		Top Edge	10	9400	1880	-0.12	0.326	24.78	25.00	1.052	0.343	/
		Bottom Edge	10	9400	1880	0.09	0.062	24.78	25.00	1.052	0.065	/
		Back Side	10	9262	1852.4	-0.01	1.000	24.38	25.00	1.153	1.153	/
		Back Side	10	9538	1907.6	-0.11	1.020	24.46	25.00	1.132	1.155	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.0	RMC	Front Side	0	9400	1880	0.10	0.244	24.78	25.00	1.052	0.257	/
		Back Side	0	9400	1880	0.12	2.280	24.78	25.00	1.052	**2.399**	2#
		Left Edge	0	9400	1880	0.04	0.994	24.78	25.00	1.052	1.046	/
		Right Edge	0	9400	1880	0.05	0.000	24.78	25.00	1.052	0.000	/
		Top Edge	0	9400	1880	0.06	0.432	24.78	25.00	1.052	0.454	/
		Bottom Edge	0	9400	1880	-0.09	0.090	24.78	25.00	1.052	0.095	/
		Back Side	0	9262	1852.4	-0.01	1.860	24.38	25.00	1.153	2.145	/
		Back Side	0	9538	1907.6	0.04	2.060	24.46	25.00	1.132	2.332	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

10.2WCDMA Band 4

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SA R(W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot												
Ant.0	RMC	Front Side	10	1412	1732.4	0.11	0.083	24.69	25.00	1.074	0.089	/
		Back Side	10	1412	1732.4	0.09	0.779	24.69	25.00	1.074	0.837	/
		Left Edge	10	1412	1732.4	-0.01	0.391	24.69	25.00	1.074	0.420	/
		Right Edge	10	1412	1732.4	-0.04	0.003	24.69	25.00	1.074	0.003	/
		Top Edge	10	1412	1732.4	0.03	0.122	24.69	25.00	1.074	0.131	/
		Bottom Edge	10	1412	1732.4	-0.09	0.001	24.69	25.00	1.074	0.001	/
		Back Side	10	1312	1712.4	0.02	0.753	24.45	25.00	1.135	**0.855**	3#
		Back Side	10	1513	1752.6	-0.01	0.706	24.60	25.00	1.096	0.774	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.0	RMC	Front Side	0	1412	1732.4	-0.03	0.186	24.69	25.00	1.074	0.200	/
		Back Side	0	1412	1732.4	-0.01	1.240	24.69	25.00	1.074	**1.332**	4#
		Left Edge	0	1412	1732.4	0.01	0.810	24.69	25.00	1.074	0.870	/
		Right Edge	0	1412	1732.4	-0.02	0.009	24.69	25.00	1.074	0.010	/
		Top Edge	0	1412	1732.4	0.08	0.232	24.69	25.00	1.074	0.249	/
		Bottom Edge	0	1412	1732.4	0.11	0.025	24.69	25.00	1.074	0.027	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

10.3WCDMA Band 5

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	1 g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot												
Ant.1	RMC	Front Side	10	4182	836.4	0.08	0.271	24.66	25.00	1.081	0.293	/
		Back Side	10	4182	836.4	0.04	0.743	24.66	25.00	1.081	0.803	/
		Left Edge	10	4182	836.4	-0.03	0.000	24.66	25.00	1.081	0.000	/
		Right Edge	10	4182	836.4	0.03	0.253	24.66	25.00	1.081	0.273	/
		Top Edge	10	4182	836.4	0.05	0.038	24.66	25.00	1.081	0.041	/
		Bottom Edge	10	4182	836.4	0.02	0.255	24.66	25.00	1.081	0.276	/
		Back Side	10	4132	826.4	0.11	0.632	24.61	25.00	1.094	0.691	/
		Back Side	10	4233	846.6	-0.18	0.752	24.65	25.00	1.084	**0.815**	5#
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity												
Ant.1	RMC	Front Side	0	4182	836.4	-0.10	0.604	24.66	25.00	1.081	0.653	/
		Back Side	0	4182	836.4	-0.15	1.240	24.66	25.00	1.081	**1.340**	6#
		Left Edge	0	4182	836.4	0.05	0.043	24.66	25.00	1.081	0.046	/
		Right Edge	0	4182	836.4	-0.07	1.170	24.66	25.00	1.081	1.265	/
		Top Edge	0	4182	836.4	0.04	0.056	24.66	25.00	1.081	0.061	/
		Bottom Edge	0	4182	836.4	-0.04	0.688	24.66	25.00	1.081	0.744	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.												

10.4LTE Band 2 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	19100	1900	1	High	0.00	0.059	22.98	24.00	1.265	0.075	/
		Back Side	10	19100	1900	1	High	0.12	0.283	22.98	24.00	1.265	0.358	/
		Left Edge	10	19100	1900	1	High	0.03	0.142	22.98	24.00	1.265	0.180	/
		Right Edge	10	19100	1900	1	High	0.01	0.000	22.98	24.00	1.265	0.000	/
		Top Edge	10	19100	1900	1	High	-0.02	0.076	22.98	24.00	1.265	0.096	/
		Bottom Edge	10	19100	1900	1	High	-0.15	0.015	22.98	24.00	1.265	0.019	/
		Front Side	10	19100	1900	50	High	-0.12	0.048	22.08	23.00	1.236	0.059	/
		Back Side	10	19100	1900	50	High	-0.12	0.221	22.08	23.00	1.236	0.273	/
		Left Edge	10	19100	1900	50	High	0.00	0.120	22.08	23.00	1.236	0.148	/
		Right Edge	10	19100	1900	50	High	0.03	0.000	22.08	23.00	1.236	0.000	/
		Top Edge	10	19100	1900	50	High	0.06	0.068	22.08	23.00	1.236	0.084	/
		Bottom Edge	10	19100	1900	50	High	0.13	0.011	22.08	23.00	1.236	0.014	/
Ant.1	QPSK	Front Side	10	19100	1900	1	Low	0.08	0.129	21.08	22.00	1.236	0.159	/
		Back Side	10	19100	1900	1	Low	-0.02	0.332	21.08	22.00	1.236	0.410	/
		Left Edge	10	19100	1900	1	Low	0.00	0.010	21.08	22.00	1.236	0.012	/
		Right Edge	10	19100	1900	1	Low	0.00	0.553	21.08	22.00	1.236	**0.684**	7#
		Top Edge	10	19100	1900	1	Low	0.12	0.011	21.08	22.00	1.236	0.014	/
		Bottom Edge	10	19100	1900	1	Low	0.07	0.079	21.08	22.00	1.236	0.098	/
		Front Side	10	19100	1900	50	Low	-0.02	0.121	21.19	22.00	1.205	0.146	/
		Back Side	10	19100	1900	50	Low	-0.04	0.326	21.19	22.00	1.205	0.393	/
		Left Edge	10	19100	1900	50	Low	0.02	0.004	21.19	22.00	1.205	0.005	/
		Right Edge	10	19100	1900	50	Low	-0.02	0.543	21.19	22.00	1.205	0.654	/
		Top Edge	10	19100	1900	50	Low	0.00	0.016	21.19	22.00	1.205	0.019	/
		Bottom Edge	10	19100	1900	50	Low	0.02	0.085	21.19	22.00	1.205	0.102	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	19100	1900	1	High	0.02	0.062	22.98	24.00	1.265	0.078	/
		Back Side	0	19100	1900	1	High	-0.03	0.558	22.98	24.00	1.265	**0.706**	8#
		Left Edge	0	19100	1900	1	High	-0.02	0.231	22.98	24.00	1.265	0.292	/
		Right Edge	0	19100	1900	1	High	-0.11	0.002	22.98	24.00	1.265	0.003	/
		Top Edge	0	19100	1900	1	High	0.08	0.116	22.98	24.00	1.265	0.147	/
		Bottom Edge	0	19100	1900	1	High	0.12	0.028	22.98	24.00	1.265	0.035	/
		Front Side	0	19100	1900	50	High	-0.03	0.051	22.08	23.00	1.236	0.063	/
		Back Side	0	19100	1900	50	High	-0.13	0.425	22.08	23.00	1.236	0.525	/
		Left Edge	0	19100	1900	50	High	0.00	0.203	22.08	23.00	1.236	0.251	/
		Right Edge	0	19100	1900	50	High	-0.08	0.000	22.08	23.00	1.236	0.000	/
		Top Edge	0	19100	1900	50	High	-0.06	0.103	22.08	23.00	1.236	0.127	/
		Bottom Edge	0	19100	1900	50	High	-0.03	0.019	22.08	23.00	1.236	0.023	/
Ant.1	QPSK	Front Side	0	19100	1900	1	Low	0.10	0.131	21.08	22.00	1.236	0.162	/
		Back Side	0	19100	1900	1	Low	-0.02	0.313	21.08	22.00	1.236	0.387	/
		Left Edge	0	19100	1900	1	Low	0.03	0.009	21.08	22.00	1.236	0.011	/
		Right Edge	0	19100	1900	1	Low	-0.07	0.447	21.08	22.00	1.236	0.552	/
		Top Edge	0	19100	1900	1	Low	0.11	0.014	21.08	22.00	1.236	0.017	/
		Bottom Edge	0	19100	1900	1	Low	0.12	0.092	21.08	22.00	1.236	0.114	/
		Front Side	0	19100	1900	50	Low	0.12	0.129	21.19	22.00	1.205	0.155	/
		Back Side	0	19100	1900	50	Low	-0.09	0.319	21.19	22.00	1.205	0.384	/
		Left Edge	0	19100	1900	50	Low	-0.12	0.006	21.19	22.00	1.205	0.007	/
		Right Edge	0	19100	1900	50	Low	0.02	0.424	21.19	22.00	1.205	0.511	/
		Top Edge	0	19100	1900	50	Low	-0.10	0.013	21.19	22.00	1.205	0.016	/
		Bottom Edge	0	19100	1900	50	Low	0.03	0.099	21.19	22.00	1.205	0.119	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.5LTE Band 4 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	20050	1720	1	Low	-0.06	0.052	21.11	22.00	1.227	0.064	/
		Back Side	10	20050	1720	1	Low	-0.17	0.395	21.11	22.00	1.227	0.485	/
		Left Edge	10	20050	1720	1	Low	-0.07	0.203	21.11	22.00	1.227	0.249	/
		Right Edge	10	20050	1720	1	Low	-0.11	0.003	21.11	22.00	1.227	0.004	/
		Top Edge	10	20050	1720	1	Low	0.09	0.065	21.11	22.00	1.227	0.080	/
		Bottom Edge	10	20050	1720	1	Low	0.01	0.002	21.11	22.00	1.227	0.002	/
		Front Side	10	20050	1720	50	Low	0.07	0.033	21.12	22.00	1.225	0.040	/
		Back Side	10	20050	1720	50	Low	0.10	0.389	21.12	22.00	1.225	0.477	/
		Left Edge	10	20050	1720	50	Low	-0.08	0.196	21.12	22.00	1.225	0.240	/
		Right Edge	10	20050	1720	50	Low	0.11	0.003	21.12	22.00	1.225	0.004	/
		Top Edge	10	20050	1720	50	Low	0.12	0.056	21.12	22.00	1.225	0.069	/
		Bottom Edge	10	20050	1720	50	Low	-0.05	0.000	21.12	22.00	1.225	0.000	/
Ant.1	QPSK	Front Side	10	20050	1720	1	Mid	0.10	0.169	22.73	23.00	1.064	0.180	/
		Back Side	10	20050	1720	1	Mid	-0.02	0.510	22.73	23.00	1.064	0.543	/
		Left Edge	10	20050	1720	1	Mid	-0.12	0.000	22.73	23.00	1.064	0.000	/
		Right Edge	10	20050	1720	1	Mid	-0.09	0.756	22.73	23.00	1.064	**0.804**	9#
		Top Edge	10	20050	1720	1	Mid	0.01	0.000	22.73	23.00	1.064	0.000	/
		Bottom Edge	10	20050	1720	1	Mid	-0.05	0.194	22.73	23.00	1.064	0.206	/
		Front Side	10	20050	1720	50	Low	0.09	0.181	22.86	23.00	1.033	0.187	/
		Back Side	10	20050	1720	50	Low	0.03	0.510	22.86	23.00	1.033	0.527	/
		Left Edge	10	20050	1720	50	Low	0.12	0.033	22.86	23.00	1.033	0.034	/
		Right Edge	10	20050	1720	50	Low	-0.08	0.736	22.86	23.00	1.033	0.760	/
		Top Edge	10	20050	1720	50	Low	-0.11	0.031	22.86	23.00	1.033	0.032	/
		Bottom Edge	10	20050	1720	50	Low	-0.05	0.198	22.86	23.00	1.033	0.205	/
		Right Edge	10	20175	1732.5	1	Mid	0.03	0.726	22.69	23.00	1.074	0.780	/
		Right Edge	10	20300	1745	1	Low	-0.05	0.730	22.70	23.00	1.072	0.783	/
		Right Edge	10	20050	1720	100	Low	0.02	0.725	22.87	23.00	1.030	0.747	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	20050	1720	1	Low	0.03	0.099	21.11	22.00	1.227	0.121	/
		Back Side	0	20050	1720	1	Low	0.05	0.628	21.11	22.00	1.227	0.771	/
		Left Edge	0	20050	1720	1	Low	0.10	0.401	21.11	22.00	1.227	0.492	/
		Right Edge	0	20050	1720	1	Low	0.00	0.005	21.11	22.00	1.227	0.006	/
		Top Edge	0	20050	1720	1	Low	0.12	0.105	21.11	22.00	1.227	0.129	/
		Bottom Edge	0	20050	1720	1	Low	-0.12	0.019	21.11	22.00	1.227	0.023	/
		Front Side	0	20050	1720	50	Low	-0.12	0.066	21.12	22.00	1.225	0.081	/
		Back Side	0	20050	1720	50	Low	-0.05	0.537	21.12	22.00	1.225	0.658	/
		Left Edge	0	20050	1720	50	Low	-0.08	0.327	21.12	22.00	1.225	0.401	/
		Right Edge	0	20050	1720	50	Low	0.09	0.006	21.12	22.00	1.225	0.007	/
		Top Edge	0	20050	1720	50	Low	0.10	0.083	21.12	22.00	1.225	0.102	/
		Bottom Edge	0	20050	1720	50	Low	-0.02	0.012	21.12	22.00	1.225	0.015	/
Ant.1	QPSK	Front Side	0	20050	1720	1	Mid	0.07	0.444	22.73	23.00	1.064	0.472	/
		Back Side	0	20050	1720	1	Mid	0.07	1.720	22.73	23.00	1.064	1.830	/
		Left Edge	0	20050	1720	1	Mid	-0.10	0.094	22.73	23.00	1.064	0.100	/
		Right Edge	0	20050	1720	1	Mid	-0.08	1.820	22.73	23.00	1.064	**1.936**	10#
		Top Edge	0	20050	1720	1	Mid	-0.01	0.032	22.73	23.00	1.064	0.034	/
		Bottom Edge	0	20050	1720	1	Mid	-0.09	0.598	22.73	23.00	1.064	0.636	/
		Front Side	0	20050	1720	50	Low	-0.02	0.445	22.86	23.00	1.033	0.460	/
		Back Side	0	20050	1720	50	Low	-0.07	1.660	22.86	23.00	1.033	1.715	/
		Left Edge	0	20050	1720	50	Low	0.00	0.092	22.86	23.00	1.033	0.095	/
		Right Edge	0	20050	1720	50	Low	0.11	1.780	22.86	23.00	1.033	1.839	/
		Top Edge	0	20050	1720	50	Low	-0.09	0.030	22.86	23.00	1.033	0.031	/
		Bottom Edge	0	20050	1720	50	Low	-0.02	0.594	22.86	23.00	1.033	0.614	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.6 LTE Band 5 (10MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.1	QPSK	Front Side	10	20450	829	1	High	-0.02	0.221	22.83	24.50	1.469	0.325	/
		Back Side	10	20450	829	1	High	-0.05	0.489	22.83	24.50	1.469	**0.718**	11#
		Left Edge	10	20450	829	1	High	-0.01	0.000	22.83	24.50	1.469	0.000	/
		Right Edge	10	20450	829	1	High	-0.03	0.186	22.83	24.50	1.469	0.273	/
		Top Edge	10	20450	829	1	High	-0.12	0.000	22.83	24.50	1.469	0.000	/
		Bottom Edge	10	20450	829	1	High	-0.07	0.182	22.83	24.50	1.469	0.267	/
		Front Side	10	20450	829	25	Mid	-0.09	0.180	21.93	23.50	1.435	0.258	/
		Back Side	10	20450	829	25	Mid	-0.05	0.395	21.93	23.50	1.435	0.567	/
		Left Edge	10	20450	829	25	Mid	-0.06	0.000	21.93	23.50	1.435	0.000	/
		Right Edge	10	20450	829	25	Mid	-0.10	0.147	21.93	23.50	1.435	0.211	/
		Top Edge	10	20450	829	25	Mid	0.00	0.000	21.93	23.50	1.435	0.000	/
		Bottom Edge	10	20450	829	25	Mid	0.01	0.146	21.93	23.50	1.435	0.210	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.1	QPSK	Front Side	0	20450	829	1	High	0.02	0.525	22.83	24.50	1.469	0.771	/
		Back Side	0	20450	829	1	High	-0.05	0.999	22.83	24.50	1.469	**1.468**	12#
		Left Edge	0	20450	829	1	High	-0.01	0.020	22.83	24.50	1.469	0.029	/
		Right Edge	0	20450	829	1	High	0.06	0.916	22.83	24.50	1.469	1.346	/
		Top Edge	0	20450	829	1	High	-0.06	0.064	22.83	24.50	1.469	0.094	/
		Bottom Edge	0	20450	829	1	High	0.11	0.534	22.83	24.50	1.469	0.784	/
		Front Side	0	20450	829	25	Mid	0.10	0.430	21.93	23.50	1.435	0.617	/
		Back Side	0	20450	829	25	Mid	-0.12	0.814	21.93	23.50	1.435	1.168	/
		Left Edge	0	20450	829	25	Mid	-0.06	0.000	21.93	23.50	1.435	0.000	/
		Right Edge	0	20450	829	25	Mid	0.00	0.803	21.93	23.50	1.435	1.152	/
		Top Edge	0	20450	829	25	Mid	-0.11	0.053	21.93	23.50	1.435	0.076	/
		Bottom Edge	0	20450	829	25	Mid	0.07	0.433	21.93	23.50	1.435	0.621	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.7 LTE Band 7 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	21350	2560	1	High	0.00	0.126	23.28	24.50	1.324	0.167	/
		Back Side	10	21350	2560	1	High	0.12	0.194	23.28	24.50	1.324	**0.257**	13#
		Left Edge	10	21350	2560	1	High	-0.05	0.147	23.28	24.50	1.324	0.195	/
		Right Edge	10	21350	2560	1	High	0.11	0.000	23.28	24.50	1.324	0.000	/
		Top Edge	10	21350	2560	1	High	0.04	0.147	23.28	24.50	1.324	0.195	/
		Bottom Edge	10	21350	2560	1	High	0.09	0.000	23.28	24.50	1.324	0.000	/
		Front Side	10	21350	2560	50	Mid	0.07	0.101	22.35	23.50	1.303	0.132	/
		Back Side	10	21350	2560	50	Mid	0.10	0.152	22.35	23.50	1.303	0.198	/
		Left Edge	10	21350	2560	50	Mid	0.10	0.112	22.35	23.50	1.303	0.146	/
		Right Edge	10	21350	2560	50	Mid	-0.09	0.000	22.35	23.50	1.303	0.000	/
		Top Edge	10	21350	2560	50	Mid	-0.01	0.125	22.35	23.50	1.303	0.163	/
		Bottom Edge	10	21350	2560	50	Mid	-0.01	0.018	22.35	23.50	1.303	0.023	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	21350	2560	1	High	-0.10	0.302	23.28	24.50	1.324	0.400	/
		Back Side	0	21350	2560	1	High	-0.10	0.309	23.28	24.50	1.324	0.409	/
		Left Edge	0	21350	2560	1	High	-0.12	0.497	23.28	24.50	1.324	**0.658**	14#
		Right Edge	0	21350	2560	1	High	-0.03	0.002	23.28	24.50	1.324	0.003	/
		Top Edge	0	21350	2560	1	High	-0.12	0.492	23.28	24.50	1.324	0.651	/
		Bottom Edge	0	21350	2560	1	High	0.11	0.000	23.28	24.50	1.324	0.000	/
		Front Side	0	21350	2560	50	Mid	0.03	0.249	22.35	23.50	1.303	0.324	/
		Back Side	0	21350	2560	50	Mid	-0.11	0.251	22.35	23.50	1.303	0.327	/
		Left Edge	0	21350	2560	50	Mid	0.10	0.414	22.35	23.50	1.303	0.539	/
		Right Edge	0	21350	2560	50	Mid	-0.04	0.000	22.35	23.50	1.303	0.000	/
		Top Edge	0	21350	2560	50	Mid	0.02	0.410	22.35	23.50	1.303	0.534	/
		Bottom Edge	0	21350	2560	50	Mid	0.09	0.000	22.35	23.50	1.303	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.8 LTE Band 12 (10MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.1	QPSK	Front Side	10	23060	704	1	Low	-0.12	0.269	23.99	24.50	1.125	0.303	/
		Back Side	10	23060	704	1	Low	-0.08	0.287	23.99	24.50	1.125	**0.323**	15#
		Left Edge	10	23060	704	1	Low	0.11	0.000	23.99	24.50	1.125	0.000	/
		Right Edge	10	23060	704	1	Low	-0.04	0.136	23.99	24.50	1.125	0.153	/
		Top Edge	10	23060	704	1	Low	-0.01	0.138	23.99	24.50	1.125	0.155	/
		Bottom Edge	10	23060	704	1	Low	-0.07	0.172	23.99	24.50	1.125	0.194	/
		Front Side	10	23060	704	25	Mid	0.10	0.215	23.13	23.50	1.089	0.234	/
		Back Side	10	23060	704	25	Mid	-0.03	0.216	23.13	23.50	1.089	0.235	/
		Left Edge	10	23060	704	25	Mid	-0.09	0.000	23.13	23.50	1.089	0.000	/
		Right Edge	10	23060	704	25	Mid	-0.03	0.113	23.13	23.50	1.089	0.123	/
		Top Edge	10	23060	704	25	Mid	0.10	0.112	23.13	23.50	1.089	0.122	/
		Bottom Edge	10	23060	704	25	Mid	0.07	0.130	23.13	23.50	1.089	0.142	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.1	QPSK	Front Side	0	23060	704	1	Low	-0.02	0.303	23.99	24.50	1.125	0.341	/
		Back Side	0	23060	704	1	Low	-0.07	0.908	23.99	24.50	1.125	**1.022**	16#
		Left Edge	0	23060	704	1	Low	-0.06	0.030	23.99	24.50	1.125	0.034	/
		Right Edge	0	23060	704	1	Low	0.11	0.883	23.99	24.50	1.125	0.993	/
		Top Edge	0	23060	704	1	Low	0.04	0.097	23.99	24.50	1.125	0.109	/
		Bottom Edge	0	23060	704	1	Low	0.08	0.338	23.99	24.50	1.125	0.380	/
		Front Side	0	23060	704	25	Mid	0.05	0.238	23.13	23.50	1.089	0.259	/
		Back Side	0	23060	704	25	Mid	-0.05	0.640	23.13	23.50	1.089	0.697	/
		Left Edge	0	23060	704	25	Mid	-0.02	0.029	23.13	23.50	1.089	0.032	/
		Right Edge	0	23060	704	25	Mid	-0.05	0.753	23.13	23.50	1.089	0.820	/
		Top Edge	0	23060	704	25	Mid	0.06	0.061	23.13	23.50	1.089	0.066	/
		Bottom Edge	0	23060	704	25	Mid	0.10	0.267	23.13	23.50	1.089	0.291	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.9 LTE Band 14 (10MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.1	QPSK	Front Side	10	23330	793	1	Low	0.11	0.153	23.70	24.50	1.202	0.184	/
		Back Side	10	23330	793	1	Low	-0.10	0.320	23.70	24.50	1.202	**0.385**	17#
		Left Edge	10	23330	793	1	Low	-0.12	0.000	23.70	24.50	1.202	0.000	/
		Right Edge	10	23330	793	1	Low	-0.12	0.135	23.70	24.50	1.202	0.162	/
		Top Edge	10	23330	793	1	Low	-0.02	0.000	23.70	24.50	1.202	0.000	/
		Bottom Edge	10	23330	793	1	Low	0.12	0.102	23.70	24.50	1.202	0.123	/
		Front Side	10	23330	793	25	Mid	-0.10	0.125	22.78	23.50	1.180	0.148	/
		Back Side	10	23330	793	25	Mid	0.03	0.254	22.78	23.50	1.180	0.300	/
		Left Edge	10	23330	793	25	Mid	0.08	0.000	22.78	23.50	1.180	0.000	/
		Right Edge	10	23330	793	25	Mid	-0.04	0.109	22.78	23.50	1.180	0.129	/
		Top Edge	10	23330	793	25	Mid	0.11	0.000	22.78	23.50	1.180	0.000	/
		Bottom Edge	10	23330	793	25	Mid	0.00	0.080	22.78	23.50	1.180	0.094	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.1	QPSK	Front Side	0	23330	793	1	Low	-0.06	0.298	23.70	24.50	1.202	0.358	/
		Back Side	0	23330	793	1	Low	-0.09	0.693	23.70	24.50	1.202	**0.833**	18#
		Left Edge	0	23330	793	1	Low	0.05	0.000	23.70	24.50	1.202	0.000	/
		Right Edge	0	23330	793	1	Low	0.00	0.622	23.70	24.50	1.202	0.748	/
		Top Edge	0	23330	793	1	Low	0.01	0.053	23.70	24.50	1.202	0.064	/
		Bottom Edge	0	23330	793	1	Low	-0.01	0.237	23.70	24.50	1.202	0.285	/
		Front Side	0	23330	793	25	Mid	0.03	0.241	22.78	23.50	1.180	0.284	/
		Back Side	0	23330	793	25	Mid	0.04	0.554	22.78	23.50	1.180	0.654	/
		Left Edge	0	23330	793	25	Mid	-0.12	0.000	22.78	23.50	1.180	0.000	/
		Right Edge	0	23330	793	25	Mid	-0.08	0.542	22.78	23.50	1.180	0.640	/
		Top Edge	0	23330	793	25	Mid	0.04	0.043	22.78	23.50	1.180	0.051	/
		Bottom Edge	0	23330	793	25	Mid	0.08	0.188	22.78	23.50	1.180	0.222	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.10 LTE Band 26 (15MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.1	QPSK	Front Side	10	26865	831.5	1	Mid	0.11	0.234	22.87	24.50	1.455	0.340	/
		Back Side	10	26865	831.5	1	Mid	-0.04	0.565	22.87	24.50	1.455	**0.822**	19#
		Left Edge	10	26865	831.5	1	Mid	-0.10	0.000	22.87	24.50	1.455	0.000	/
		Right Edge	10	26865	831.5	1	Mid	-0.08	0.214	22.87	24.50	1.455	0.311	/
		Top Edge	10	26865	831.5	1	Mid	-0.06	0.000	22.87	24.50	1.455	0.000	/
		Bottom Edge	10	26865	831.5	1	Mid	-0.08	0.206	22.87	24.50	1.455	0.300	/
		Front Side	10	26865	831.5	36	High	-0.09	0.200	21.89	23.50	1.449	0.290	/
		Back Side	10	26865	831.5	36	High	-0.05	0.455	21.89	23.50	1.449	0.659	/
		Left Edge	10	26865	831.5	36	High	0.02	0.000	21.89	23.50	1.449	0.000	/
		Right Edge	10	26865	831.5	36	High	-0.09	0.173	21.89	23.50	1.449	0.251	/
		Top Edge	10	26865	831.5	36	High	0.02	0.000	21.89	23.50	1.449	0.000	/
		Bottom Edge	10	26865	831.5	36	High	0.01	0.162	21.89	23.50	1.449	0.235	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power(dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.1	QPSK	Front Side	0	26865	831.5	1	Mid	0.00	0.462	22.87	24.50	1.455	0.672	/
		Back Side	0	26865	831.5	1	Mid	-0.06	0.930	22.87	24.50	1.455	**1.353**	20#
		Left Edge	0	26865	831.5	1	Mid	-0.11	0.019	22.87	24.50	1.455	0.028	/
		Right Edge	0	26865	831.5	1	Mid	0.08	0.391	22.87	24.50	1.455	0.569	/
		Top Edge	0	26865	831.5	1	Mid	0.07	0.055	22.87	24.50	1.455	0.080	/
		Bottom Edge	0	26865	831.5	1	Mid	0.00	0.436	22.87	24.50	1.455	0.634	/
		Front Side	0	26865	831.5	36	High	-0.04	0.373	21.89	23.50	1.449	0.540	/
		Back Side	0	26865	831.5	36	High	-0.04	0.716	21.89	23.50	1.449	1.037	/
		Left Edge	0	26865	831.5	36	High	-0.03	0.017	21.89	23.50	1.449	0.025	/
		Right Edge	0	26865	831.5	36	High	0.05	0.322	21.89	23.50	1.449	0.467	/
		Top Edge	0	26865	831.5	36	High	0.01	0.045	21.89	23.50	1.449	0.065	/
		Bottom Edge	0	26865	831.5	36	High	0.04	0.364	21.89	23.50	1.449	0.527	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.11 LTE Band 30 (10MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	27710	2310	1	Mid	0.05	0.108	22.85	24.00	1.303	0.141	/
		Back Side	10	27710	2310	1	Mid	-0.12	0.312	22.85	24.00	1.303	**0.407**	21#
		Left Edge	10	27710	2310	1	Mid	-0.07	0.171	22.85	24.00	1.303	0.223	/
		Right Edge	10	27710	2310	1	Mid	-0.09	0.000	22.85	24.00	1.303	0.000	/
		Top Edge	10	27710	2310	1	Mid	-0.10	0.136	22.85	24.00	1.303	0.177	/
		Bottom Edge	10	27710	2310	1	Mid	-0.01	0.000	22.85	24.00	1.303	0.000	/
		Front Side	10	27710	2310	25	High	0.07	0.082	21.64	23.00	1.368	0.112	/
		Back Side	10	27710	2310	25	High	0.11	0.228	21.64	23.00	1.368	0.312	/
		Left Edge	10	27710	2310	25	High	0.02	0.134	21.64	23.00	1.368	0.183	/
		Right Edge	10	27710	2310	25	High	0.10	0.000	21.64	23.00	1.368	0.000	/
		Top Edge	10	27710	2310	25	High	-0.04	0.102	21.64	23.00	1.368	0.140	/
		Bottom Edge	10	27710	2310	25	High	-0.04	0.000	21.64	23.00	1.368	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	27710	2310	1	Mid	0.08	0.435	22.85	24.00	1.303	0.567	/
		Back Side	0	27710	2310	1	Mid	0.11	1.370	22.85	24.00	1.303	**1.785**	22#
		Left Edge	0	27710	2310	1	Mid	0.09	0.626	22.85	24.00	1.303	0.816	/
		Right Edge	0	27710	2310	1	Mid	0.09	0.000	22.85	24.00	1.303	0.000	/
		Top Edge	0	27710	2310	1	Mid	-0.05	0.744	22.85	24.00	1.303	0.969	/
		Bottom Edge	0	27710	2310	1	Mid	-0.01	0.006	22.85	24.00	1.303	0.008	/
		Front Side	0	27710	2310	25	High	-0.10	0.339	21.64	23.00	1.368	0.464	/
		Back Side	0	27710	2310	25	High	0.11	1.010	21.64	23.00	1.368	1.382	/
		Left Edge	0	27710	2310	25	High	-0.10	0.525	21.64	23.00	1.368	0.718	/
		Right Edge	0	27710	2310	25	High	0.07	0.000	21.64	23.00	1.368	0.000	/
		Top Edge	0	27710	2310	25	High	0.07	0.599	21.64	23.00	1.368	0.819	/
		Bottom Edge	0	27710	2310	25	High	0.12	0.004	21.64	23.00	1.368	0.005	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.12 LTE Band 66 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	132072	1720	1	Low	0.04	0.036	21.23	22.00	1.194	0.043	/
		Back Side	10	132072	1720	1	Low	-0.10	0.388	21.23	22.00	1.194	0.463	/
		Left Edge	10	132072	1720	1	Low	0.10	0.159	21.23	22.00	1.194	0.190	/
		Right Edge	10	132072	1720	1	Low	-0.12	0.005	21.23	22.00	1.194	0.006	/
		Top Edge	10	132072	1720	1	Low	0.06	0.046	21.23	22.00	1.194	0.055	/
		Bottom Edge	10	132072	1720	1	Low	0.07	0.003	21.23	22.00	1.194	0.004	/
		Front Side	10	132072	1720	50	Low	-0.08	0.050	21.25	22.00	1.189	0.059	/
		Back Side	10	132072	1720	50	Low	0.00	0.380	21.25	22.00	1.189	0.452	/
		Left Edge	10	132072	1720	50	Low	0.10	0.161	21.25	22.00	1.189	0.191	/
		Right Edge	10	132072	1720	50	Low	0.02	0.002	21.25	22.00	1.189	0.002	/
		Top Edge	10	132072	1720	50	Low	-0.09	0.062	21.25	22.00	1.189	0.074	/
		Bottom Edge	10	132072	1720	50	Low	-0.07	0.003	21.25	22.00	1.189	0.004	/
Ant.1	QPSK	Front Side	10	132322	1745	1	Mid	0.07	0.185	22.65	23.00	1.084	0.201	/
		Back Side	10	132322	1745	1	Mid	-0.06	0.539	22.65	23.00	1.084	0.584	/
		Left Edge	10	132322	1745	1	Mid	0.11	0.000	22.65	23.00	1.084	0.000	/
		Right Edge	10	132322	1745	1	Mid	-0.08	0.846	22.65	23.00	1.084	**0.917**	23#
		Top Edge	10	132322	1745	1	Mid	-0.10	0.000	22.65	23.00	1.084	0.000	/
		Bottom Edge	10	132322	1745	1	Mid	0.01	0.212	22.65	23.00	1.084	0.230	/
		Front Side	10	132572	1770	50	Mid	0.01	0.183	22.62	23.00	1.091	0.200	/
		Back Side	10	132572	1770	50	Mid	0.01	0.541	22.62	23.00	1.091	0.590	/
		Left Edge	10	132572	1770	50	Mid	0.10	0.000	22.62	23.00	1.091	0.000	/
		Right Edge	10	132572	1770	50	Mid	0.07	0.838	22.62	23.00	1.091	0.914	/
		Top Edge	10	132572	1770	50	Mid	0.06	0.000	22.62	23.00	1.091	0.000	/
		Bottom Edge	10	132572	1770	50	Mid	0.03	0.210	22.62	23.00	1.091	0.229	/
		Right Edge	10	132072	1720	1	High	0.08	0.804	22.46	23.00	1.132	0.910	/
		Right Edge	10	132572	1770	1	Mid	0.04	0.796	22.40	23.00	1.148	0.914	/
		Right Edge	10	132072	1720	50	High	-0.02	0.793	22.56	23.00	1.107	0.878	/
		Right Edge	10	132322	1745	50	Mid	0.11	0.810	22.55	23.00	1.109	0.898	/
		Right Edge	10	132322	1745	100	Low	-0.01	0.802	22.53	23.00	1.114	0.893	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	132072	1720	1	Low	0.07	0.083	21.23	22.00	1.194	0.099	/
		Back Side	0	132072	1720	1	Low	-0.09	0.580	21.23	22.00	1.194	0.693	/
		Left Edge	0	132072	1720	1	Low	0.03	0.351	21.23	22.00	1.194	0.419	/
		Right Edge	0	132072	1720	1	Low	0.10	0.003	21.23	22.00	1.194	0.004	/
		Top Edge	0	132072	1720	1	Low	-0.04	0.102	21.23	22.00	1.194	0.122	/
		Bottom Edge	0	132072	1720	1	Low	0.11	0.012	21.23	22.00	1.194	0.014	/
		Front Side	0	132072	1720	50	Low	0.03	0.086	21.25	22.00	1.189	0.102	/
		Back Side	0	132072	1720	50	Low	0.08	0.568	21.25	22.00	1.189	0.675	/
		Left Edge	0	132072	1720	50	Low	-0.08	0.340	21.25	22.00	1.189	0.404	/
		Right Edge	0	132072	1720	50	Low	0.12	0.003	21.25	22.00	1.189	0.004	/
		Top Edge	0	132072	1720	50	Low	0.11	0.115	21.25	22.00	1.189	0.137	/
		Bottom Edge	0	132072	1720	50	Low	-0.07	0.017	21.25	22.00	1.189	0.020	/
Ant.1	QPSK	Front Side	0	132322	1745	1	Mid	0.09	0.421	22.65	23.00	1.084	0.456	/
		Back Side	0	132322	1745	1	Mid	0.07	1.310	22.65	23.00	1.084	1.420	/
		Left Edge	0	132322	1745	1	Mid	0.11	0.035	22.65	23.00	1.084	0.038	/
		Right Edge	0	132322	1745	1	Mid	-0.06	1.550	22.65	23.00	1.084	**1.680**	24#
		Top Edge	0	132322	1745	1	Mid	0.08	0.021	22.65	23.00	1.084	0.023	/
		Bottom Edge	0	132322	1745	1	Mid	0.02	0.536	22.65	23.00	1.084	0.581	/
		Front Side	0	132572	1770	50	Mid	-0.08	0.415	22.62	23.00	1.091	0.453	/
		Back Side	0	132572	1770	50	Mid	0.02	1.290	22.62	23.00	1.091	1.407	/
		Left Edge	0	132572	1770	50	Mid	-0.03	0.034	22.62	23.00	1.091	0.037	/
		Right Edge	0	132572	1770	50	Mid	0.10	1.510	22.62	23.00	1.091	1.647	/
		Top Edge	0	132572	1770	50	Mid	-0.10	0.020	22.62	23.00	1.091	0.022	/
		Bottom Edge	0	132572	1770	50	Mid	-0.10	0.532	22.62	23.00	1.091	0.580	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.13 LTE Band 38 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	37850	2580	1	Mid	0.11	0.116	23.07	24.00	1.239	0.144	/
		Back Side	10	37850	2580	1	Mid	0.01	0.139	23.07	24.00	1.239	0.172	/
		Left Edge	10	37850	2580	1	Mid	-0.07	0.115	23.07	24.00	1.239	0.142	/
		Right Edge	10	37850	2580	1	Mid	-0.02	0.029	23.07	24.00	1.239	0.036	/
		Top Edge	10	37850	2580	1	Mid	0.18	0.168	23.07	24.00	1.239	**0.208**	25#
		Bottom Edge	10	37850	2580	1	Mid	-0.12	0.000	23.07	24.00	1.239	0.000	/
		Front Side	10	38000	2595	50	Mid	0.01	0.087	22.03	23.00	1.250	0.109	/
		Back Side	10	38000	2595	50	Mid	0.03	0.102	22.03	23.00	1.250	0.128	/
		Left Edge	10	38000	2595	50	Mid	-0.02	0.087	22.03	23.00	1.250	0.109	/
		Right Edge	10	38000	2595	50	Mid	0.02	0.000	22.03	23.00	1.250	0.000	/
		Top Edge	10	38000	2595	50	Mid	0.06	0.131	22.03	23.00	1.250	0.164	/
		Bottom Edge	10	38000	2595	50	Mid	-0.05	0.000	22.03	23.00	1.250	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	37850	2580	1	Mid	0.00	0.072	23.07	24.00	1.239	0.089	/
		Back Side	0	37850	2580	1	Mid	0.05	0.164	23.07	24.00	1.239	0.203	/
		Left Edge	0	37850	2580	1	Mid	0.03	0.306	23.07	24.00	1.239	**0.379**	26#
		Right Edge	0	37850	2580	1	Mid	-0.01	0.000	23.07	24.00	1.239	0.000	/
		Top Edge	0	37850	2580	1	Mid	0.08	0.125	23.07	24.00	1.239	0.155	/
		Bottom Edge	0	37850	2580	1	Mid	0.02	0.003	23.07	24.00	1.239	0.004	/
		Front Side	0	38000	2595	50	Mid	0.10	0.054	22.03	23.00	1.250	0.068	/
		Back Side	0	38000	2595	50	Mid	-0.02	0.126	22.03	23.00	1.250	0.158	/
		Left Edge	0	38000	2595	50	Mid	-0.03	0.248	22.03	23.00	1.250	0.310	/
		Right Edge	0	38000	2595	50	Mid	-0.03	0.000	22.03	23.00	1.250	0.000	/
		Top Edge	0	38000	2595	50	Mid	0.04	0.095	22.03	23.00	1.250	0.119	/
		Bottom Edge	0	38000	2595	50	Mid	-0.08	0.000	22.03	23.00	1.250	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.14 LTE Band 40 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	38750	2310	1	Mid	-0.04	0.161	22.77	24.00	1.327	0.214	/
		Back Side	10	38750	2310	1	Mid	-0.16	0.450	22.77	24.00	1.327	**0.597**	27#
		Left Edge	10	38750	2310	1	Mid	0.12	0.283	22.77	24.00	1.327	0.376	/
		Right Edge	10	38750	2310	1	Mid	0.06	0.000	22.77	24.00	1.327	0.000	/
		Top Edge	10	38750	2310	1	Mid	0.05	0.214	22.77	24.00	1.327	0.284	/
		Bottom Edge	10	38750	2310	1	Mid	-0.01	0.000	22.77	24.00	1.327	0.000	/
		Front Side	10	38750	2310	50	Mid	0.01	0.133	21.67	23.00	1.358	0.181	/
		Back Side	10	38750	2310	50	Mid	0.07	0.356	21.67	23.00	1.358	0.483	/
		Left Edge	10	38750	2310	50	Mid	0.08	0.212	21.67	23.00	1.358	0.288	/
		Right Edge	10	38750	2310	50	Mid	0.10	0.000	21.67	23.00	1.358	0.000	/
		Top Edge	10	38750	2310	50	Mid	0.12	0.161	21.67	23.00	1.358	0.219	/
		Bottom Edge	10	38750	2310	50	Mid	0.01	0.000	21.67	23.00	1.358	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	38750	2310	1	Mid	0.09	0.160	22.77	24.00	1.327	0.212	/
		Back Side	0	38750	2310	1	Mid	-0.02	0.792	22.77	24.00	1.327	**1.051**	28#
		Left Edge	0	38750	2310	1	Mid	0.11	0.292	22.77	24.00	1.327	0.387	/
		Right Edge	0	38750	2310	1	Mid	0.07	0.000	22.77	24.00	1.327	0.000	/
		Top Edge	0	38750	2310	1	Mid	0.07	0.310	22.77	24.00	1.327	0.411	/
		Bottom Edge	0	38750	2310	1	Mid	-0.08	0.000	22.77	24.00	1.327	0.000	/
		Front Side	0	38750	2310	50	Mid	-0.04	0.128	21.67	23.00	1.358	0.174	/
		Back Side	0	38750	2310	50	Mid	-0.01	0.592	21.67	23.00	1.358	0.804	/
		Left Edge	0	38750	2310	50	Mid	-0.01	0.227	21.67	23.00	1.358	0.308	/
		Right Edge	0	38750	2310	50	Mid	0.08	0.000	21.67	23.00	1.358	0.000	/
		Top Edge	0	38750	2310	50	Mid	0.10	0.218	21.67	23.00	1.358	0.296	/
		Bottom Edge	0	38750	2310	50	Mid	-0.05	0.000	21.67	23.00	1.358	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.15 LTE Band 41 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.0	QPSK	Front Side	10	39750	2506	1	High	0.04	0.073	23.69	24.00	1.074	0.078	/
		Back Side	10	39750	2506	1	High	0.02	0.092	23.69	24.00	1.074	0.099	/
		Left Edge	10	39750	2506	1	High	-0.06	0.073	23.69	24.00	1.074	0.078	/
		Right Edge	10	39750	2506	1	High	-0.06	0.012	23.69	24.00	1.074	0.013	/
		Top Edge	10	39750	2506	1	High	0.17	0.109	23.69	24.00	1.074	**0.117**	29#
		Bottom Edge	10	39750	2506	1	High	0.00	0.012	23.69	24.00	1.074	0.013	/
		Front Side	10	39750	2506	50	High	-0.07	0.074	22.67	23.00	1.079	0.080	/
		Back Side	10	39750	2506	50	High	0.03	0.086	22.67	23.00	1.079	0.093	/
		Left Edge	10	39750	2506	50	High	-0.07	0.069	22.67	23.00	1.079	0.074	/
		Right Edge	10	39750	2506	50	High	-0.04	0.000	22.67	23.00	1.079	0.000	/
		Top Edge	10	39750	2506	50	High	-0.08	0.106	22.67	23.00	1.079	0.114	/
		Bottom Edge	10	39750	2506	50	High	0.08	0.000	22.67	23.00	1.079	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.0	QPSK	Front Side	0	39750	2506	1	High	0.04	0.133	23.69	24.00	1.074	0.143	/
		Back Side	0	39750	2506	1	High	-0.11	0.321	23.69	24.00	1.074	0.345	/
		Left Edge	0	39750	2506	1	High	0.06	0.569	23.69	24.00	1.074	**0.611**	30#
		Right Edge	0	39750	2506	1	High	-0.03	0.000	23.69	24.00	1.074	0.000	/
		Top Edge	0	39750	2506	1	High	0.12	0.238	23.69	24.00	1.074	0.256	/
		Bottom Edge	0	39750	2506	1	High	0.09	0.000	23.69	24.00	1.074	0.000	/
		Front Side	0	39750	2506	50	High	0.12	0.106	22.67	23.00	1.079	0.114	/
		Back Side	0	39750	2506	50	High	-0.06	0.249	22.67	23.00	1.079	0.269	/
		Left Edge	0	39750	2506	50	High	-0.08	0.489	22.67	23.00	1.079	0.528	/
		Right Edge	0	39750	2506	50	High	-0.09	0.000	22.67	23.00	1.079	0.000	/
		Top Edge	0	39750	2506	50	High	-0.04	0.195	22.67	23.00	1.079	0.210	/
		Bottom Edge	0	39750	2506	50	High	0.10	0.000	22.67	23.00	1.079	0.000	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.16 LTE Band 48 (20MHz Bandwidth)

Antenna	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.
Body-Worn&Hotspot														
Ant.1	QPSK	Front Side	10	55340	3560.0	1	Mid	0.08	0.141	22.14	22.50	1.086	0.153	/
		Back Side	10	55340	3560.0	1	Mid	0.02	0.104	22.14	22.50	1.086	0.113	/
		Left Edge	10	55340	3560.0	1	Mid	0.08	0.024	22.14	22.50	1.086	0.026	/
		Right Edge	10	55340	3560.0	1	Mid	0.08	0.195	22.14	22.50	1.086	0.212	31#
		Top Edge	10	55340	3560.0	1	Mid	0.12	0.026	22.14	22.50	1.086	0.028	/
		Bottom Edge	10	55340	3560.0	1	Mid	0.09	0.089	22.14	22.50	1.086	0.097	/
		Front Side	10	56640	3690.0	50	Mid	0.01	0.123	21.32	21.50	1.042	0.128	/
		Back Side	10	56640	3690.0	50	Mid	0.00	0.086	21.32	21.50	1.042	0.090	/
		Left Edge	10	56640	3690.0	50	Mid	0.06	0.021	21.32	21.50	1.042	0.022	/
		Right Edge	10	56640	3690.0	50	Mid	-0.11	0.148	21.32	21.50	1.042	0.154	/
		Top Edge	10	56640	3690.0	50	Mid	-0.09	0.000	21.32	21.50	1.042	0.000	/
		Bottom Edge	10	56640	3690.0	50	Mid	0.03	0.069	21.32	21.50	1.042	0.072	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.1	QPSK	Front Side	0	55340	3560.0	1	Mid	0.02	0.185	22.14	22.50	1.086	0.201	/
		Back Side	0	55340	3560.0	1	Mid	0.05	0.288	22.14	22.50	1.086	0.313	/
		Left Edge	0	55340	3560.0	1	Mid	0.04	0.005	22.14	22.50	1.086	0.005	/
		Right Edge	0	55340	3560.0	1	Mid	0.02	0.397	22.14	22.50	1.086	**0.431**	32#
		Top Edge	0	55340	3560.0	1	Mid	-0.01	0.014	22.14	22.50	1.086	0.015	/
		Bottom Edge	0	55340	3560.0	1	Mid	0.07	0.151	22.14	22.50	1.086	0.164	/
		Front Side	0	56640	3690.0	50	Mid	0.06	0.146	21.32	21.50	1.042	0.152	/
		Back Side	0	56640	3690.0	50	Mid	-0.09	0.225	21.32	21.50	1.042	0.234	/
		Left Edge	0	56640	3690.0	50	Mid	0.06	0.000	21.32	21.50	1.042	0.000	/
		Right Edge	0	56640	3690.0	50	Mid	-0.08	0.324	21.32	21.50	1.042	0.338	/
		Top Edge	0	56640	3690.0	50	Mid	0.03	0.012	21.32	21.50	1.042	0.013	/
		Bottom Edge	0	56640	3690.0	50	Mid	-0.04	0.118	21.32	21.50	1.042	0.123	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.17 n2 (40MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	10	376000	1880	1	121	0.13	0.058	23.08	23.50	1.102	0.064	/
			Back Side	10	376000	1880	1	121	-0.07	0.340	23.08	23.50	1.102	0.375	/
			Left Edge	10	376000	1880	1	121	-0.11	0.183	23.08	23.50	1.102	0.202	/
			Right Edge	10	376000	1880	1	121	0.00	0.005	23.08	23.50	1.102	0.006	/
			Top Edge	10	376000	1880	1	121	-0.04	0.083	23.08	23.50	1.102	0.091	/
			Bottom Edge	10	376000	1880	1	121	-0.12	0.001	23.08	23.50	1.102	0.001	/
			Front Side	10	378000	1890	121	121	0.01	0.056	23.07	23.50	1.104	0.062	/
			Back Side	10	378000	1890	121	121	-0.11	0.337	23.07	23.50	1.104	0.372	/
			Left Edge	10	378000	1890	121	121	0.11	0.174	23.07	23.50	1.104	0.192	/
			Right Edge	10	378000	1890	121	121	-0.09	0.005	23.07	23.50	1.104	0.006	/
			Top Edge	10	378000	1890	121	121	-0.05	0.078	23.07	23.50	1.104	0.086	/
			Bottom Edge	10	378000	1890	121	121	0.06	0.001	23.07	23.50	1.104	0.001	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	10	374000	1870	1	1	0.07	0.096	21.05	22.00	1.245	0.120	/
			Back Side	10	374000	1870	1	1	0.05	0.238	21.05	22.00	1.245	0.296	/
			Left Edge	10	374000	1870	1	1	0.12	0.002	21.05	22.00	1.245	0.002	/
			Right Edge	10	374000	1870	1	1	-0.17	0.395	21.05	22.00	1.245	**0.492**	33#
			Top Edge	10	374000	1870	1	1	-0.12	0.006	21.05	22.00	1.245	0.007	/
			Bottom Edge	10	374000	1870	1	1	0.12	0.065	21.05	22.00	1.245	0.081	/
			Front Side	10	374000	1870	121	0	0.11	0.093	21.10	22.00	1.230	0.114	/
			Back Side	10	374000	1870	121	0	0.03	0.248	21.10	22.00	1.230	0.305	/
			Left Edge	10	374000	1870	121	0	-0.08	0.001	21.10	22.00	1.230	0.001	/
			Right Edge	10	374000	1870	121	0	-0.12	0.387	21.10	22.00	1.230	0.476	/
			Top Edge	10	374000	1870	121	0	0.12	0.012	21.10	22.00	1.230	0.015	/
			Bottom Edge	10	374000	1870	121	0	-0.06	0.053	21.10	22.00	1.230	0.065	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	0	376000	1880	1	121	0.06	0.076	23.08	23.50	1.102	0.084	/
			Back Side	0	376000	1880	1	121	-0.08	0.618	23.08	23.50	1.102	**0.681**	34#
			Left Edge	0	376000	1880	1	121	0.03	0.243	23.08	23.50	1.102	0.268	/
			Right Edge	0	376000	1880	1	121	-0.05	0.009	23.08	23.50	1.102	0.010	/
			Top Edge	0	376000	1880	1	121	-0.10	0.102	23.08	23.50	1.102	0.112	/
			Bottom Edge	0	376000	1880	1	121	-0.11	0.010	23.08	23.50	1.102	0.011	/
			Front Side	0	378000	1890	121	121	-0.04	0.074	23.07	23.50	1.104	0.082	/
			Back Side	0	378000	1890	121	121	0.10	0.615	23.07	23.50	1.104	0.679	/
			Left Edge	0	378000	1890	121	121	0.07	0.247	23.07	23.50	1.104	0.273	/
			Right Edge	0	378000	1890	121	121	-0.06	0.007	23.07	23.50	1.104	0.008	/
			Top Edge	0	378000	1890	121	121	0.06	0.103	23.07	23.50	1.104	0.114	/
			Bottom Edge	0	378000	1890	121	121	0.10	0.010	23.07	23.50	1.104	0.011	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	0	374000	1870	1	1	0.02	0.137	21.05	22.00	1.245	0.171	/
			Back Side	0	374000	1870	1	1	0.00	0.300	21.05	22.00	1.245	0.374	/
			Left Edge	0	374000	1870	1	1	-0.02	0.020	21.05	22.00	1.245	0.025	/
			Right Edge	0	374000	1870	1	1	-0.08	0.443	21.05	22.00	1.245	0.552	/
			Top Edge	0	374000	1870	1	1	0.05	0.010	21.05	22.00	1.245	0.012	/
			Bottom Edge	0	374000	1870	1	1	0.08	0.101	21.05	22.00	1.245	0.126	/
			Front Side	0	374000	1870	121	0	0.07	0.127	21.10	22.00	1.230	0.156	/
			Back Side	0	374000	1870	121	0	0.04	0.308	21.10	22.00	1.230	0.379	/
			Left Edge	0	374000	1870	121	0	-0.11	0.004	21.10	22.00	1.230	0.005	/
			Right Edge	0	374000	1870	121	0	0.05	0.424	21.10	22.00	1.230	0.522	/
			Top Edge	0	374000	1870	121	0	-0.07	0.004	21.10	22.00	1.230	0.005	/
			Bottom Edge	0	374000	1870	121	0	0.06	0.082	21.10	22.00	1.230	0.101	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.18 n5 (25MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	10	167300	836.5	1	67	0.16	0.481	23.80	24.00	1.047	0.504	/
			Back Side	10	167300	836.5	1	67	-0.08	0.843	23.80	24.00	1.047	**0.883**	35#
			Left Edge	10	167300	836.5	1	67	0.08	0.000	23.80	24.00	1.047	0.000	/
			Right Edge	10	167300	836.5	1	67	0.07	0.356	23.80	24.00	1.047	0.373	/
			Top Edge	10	167300	836.5	1	67	0.07	0.142	23.80	24.00	1.047	0.149	/
			Bottom Edge	10	167300	836.5	1	67	0.15	0.285	23.80	24.00	1.047	0.298	/
			Front Side	10	167300	836.5	64	35	0.13	0.420	23.71	24.00	1.069	0.449	/
			Back Side	10	167300	836.5	64	35	-0.11	0.733	23.71	24.00	1.069	0.784	/
			Left Edge	10	167300	836.5	64	35	-0.10	0.000	23.71	24.00	1.069	0.000	/
			Right Edge	10	167300	836.5	64	35	-0.02	0.323	23.71	24.00	1.069	0.345	/
			Top Edge	10	167300	836.5	64	35	-0.14	0.114	23.71	24.00	1.069	0.122	/
			Bottom Edge	10	167300	836.5	64	35	-0.09	0.284	23.71	24.00	1.069	0.304	/
			Back Side	10	167300	836.5	128	0	0.15	0.745	22.59	23.00	1.099	0.819	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	0	167300	836.5	1	67	-0.09	0.501	23.80	24.00	1.047	0.525	/
			Back Side	0	167300	836.5	1	67	-0.15	1.000	23.80	24.00	1.047	1.047	/
			Left Edge	0	167300	836.5	1	67	-0.09	0.035	23.80	24.00	1.047	0.037	/
			Right Edge	0	167300	836.5	1	67	0.08	1.100	23.80	24.00	1.047	**1.152**	36#
			Top Edge	0	167300	836.5	1	67	-0.16	0.099	23.80	24.00	1.047	0.104	/
			Bottom Edge	0	167300	836.5	1	67	0.08	0.435	23.80	24.00	1.047	0.455	/
			Front Side	0	167300	836.5	64	35	0.07	0.444	23.71	24.00	1.069	0.475	/
			Back Side	0	167300	836.5	64	35	0.02	0.850	23.71	24.00	1.069	0.909	/
			Left Edge	0	167300	836.5	64	35	-0.04	0.029	23.71	24.00	1.069	0.031	/
			Right Edge	0	167300	836.5	64	35	-0.13	0.831	23.71	24.00	1.069	0.888	/
			Top Edge	0	167300	836.5	64	35	-0.04	0.100	23.71	24.00	1.069	0.107	/
			Bottom Edge	0	167300	836.5	64	35	0.09	0.402	23.71	24.00	1.069	0.430	/
			Right Edge	0	167300	836.5	128	0	0.10	0.975	22.59	23.00	1.099	1.072	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.19 n14 (10MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	10	158600	793	1	1	-0.12	0.227	23.76	24.00	1.057	0.240	/
			Back Side	10	158600	793	1	1	-0.01	0.399	23.76	24.00	1.057	**0.422**	37#
			Left Edge	10	158600	793	1	1	-0.03	0.000	23.76	24.00	1.057	0.000	/
			Right Edge	10	158600	793	1	1	-0.09	0.151	23.76	24.00	1.057	0.160	/
			Top Edge	10	158600	793	1	1	-0.14	0.079	23.76	24.00	1.057	0.084	/
			Bottom Edge	10	158600	793	1	1	-0.06	0.132	23.76	24.00	1.057	0.140	/
			Front Side	10	158600	793	25	0	0.09	0.163	23.72	24.00	1.067	0.174	/
			Back Side	10	158600	793	25	0	-0.04	0.319	23.72	24.00	1.067	0.340	/
			Left Edge	10	158600	793	25	0	-0.15	0.000	23.72	24.00	1.067	0.000	/
			Right Edge	10	158600	793	25	0	-0.10	0.128	23.72	24.00	1.067	0.137	/
			Top Edge	10	158600	793	25	0	-0.02	0.074	23.72	24.00	1.067	0.079	/
			Bottom Edge	10	158600	793	25	0	-0.10	0.111	23.72	24.00	1.067	0.118	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	0	158600	793	1	1	0.11	0.294	23.76	24.00	1.057	0.311	/
			Back Side	0	158600	793	1	1	-0.06	0.714	23.76	24.00	1.057	**0.755**	38#
			Left Edge	0	158600	793	1	1	-0.05	0.019	23.76	24.00	1.057	0.020	/
			Right Edge	0	158600	793	1	1	0.04	0.647	23.76	24.00	1.057	0.684	/
			Top Edge	0	158600	793	1	1	0.09	0.088	23.76	24.00	1.057	0.093	/
			Bottom Edge	0	158600	793	1	1	0.12	0.253	23.76	24.00	1.057	0.267	/
			Front Side	0	158600	793	25	0	0.07	0.263	23.72	24.00	1.067	0.281	/
			Back Side	0	158600	793	25	0	0.07	0.681	23.72	24.00	1.067	0.727	/
			Left Edge	0	158600	793	25	0	0.16	0.000	23.72	24.00	1.067	0.000	/
			Right Edge	0	158600	793	25	0	0.07	0.592	23.72	24.00	1.067	0.632	/
			Top Edge	0	158600	793	25	0	0.13	0.068	23.72	24.00	1.067	0.073	/
			Bottom Edge	0	158600	793	25	0	-0.14	0.212	23.72	24.00	1.067	0.226	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.20 n30 (10MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune -power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	10	462000	2310	1	53	-0.04	0.203	23.28	24.50	1.324	0.269	/
			Back Side	10	462000	2310	1	53	0.09	0.571	23.28	24.50	1.324	**0.756**	39#
			Left Edge	10	462000	2310	1	53	-0.15	0.250	23.28	24.50	1.324	0.331	/
			Right Edge	10	462000	2310	1	53	0.02	0.000	23.28	24.50	1.324	0.000	/
			Top Edge	10	462000	2310	1	53	-0.12	0.193	23.28	24.50	1.324	0.256	/
			Bottom Edge	10	462000	2310	1	53	0.15	0.030	23.28	24.50	1.324	0.040	/
			Front Side	10	462000	2310	50	28	0.04	0.149	23.25	24.50	1.334	0.199	/
			Back Side	10	462000	2310	50	28	0.02	0.454	23.25	24.50	1.334	0.606	/
			Left Edge	10	462000	2310	50	28	0.05	0.231	23.25	24.50	1.334	0.308	/
			Right Edge	10	462000	2310	50	28	-0.05	0.000	23.25	24.50	1.334	0.000	/
			Top Edge	10	462000	2310	50	28	-0.01	0.184	23.25	24.50	1.334	0.245	
			Bottom Edge	10	462000	2310	50	28	-0.12	0.028	23.25	24.50	1.334	0.037	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	0	462000	2310	1	53	0.11	0.397	23.28	24.50	1.324	0.526	/
			Back Side	0	462000	2310	1	53	0.11	1.690	23.28	24.50	1.324	2.238	/
			Left Edge	0	462000	2310	1	53	0.15	0.544	23.28	24.50	1.324	0.720	/
			Right Edge	0	462000	2310	1	53	-0.04	0.000	23.28	24.50	1.324	0.000	/
			Top Edge	0	462000	2310	1	53	-0.02	0.675	23.28	24.50	1.324	0.894	/
			Bottom Edge	0	462000	2310	1	53	-0.10	0.054	23.28	24.50	1.324	0.071	/
			Front Side	0	462000	2310	50	28	0.06	0.445	23.25	24.50	1.334	0.594	/
			Back Side	0	462000	2310	50	28	0.06	1.950	23.25	24.50	1.334	**2.601**	40#
			Left Edge	0	462000	2310	50	28	0.06	0.576	23.25	24.50	1.334	0.768	/
			Right Edge	0	462000	2310	50	28	0.10	0.000	23.25	24.50	1.334	0.000	/
			Top Edge	0	462000	2310	50	28	-0.04	0.651	23.25	24.50	1.334	0.868	/
			Bottom Edge	0	462000	2310	50	28	-0.12	0.049	23.25	24.50	1.334	0.065	/
			Back Side	0	462000	2310	100	0	0.05	1.460	22.58	23.50	1.236	1.805	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.21 n66 (40MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	10	346000	1730	1	108	0.07	0.050	21.20	22.00	1.202	0.060	/
			Back Side	10	346000	1730	1	108	0.03	0.416	21.20	22.00	1.202	0.500	/
			Left Edge	10	346000	1730	1	108	0.05	0.181	21.20	22.00	1.202	0.218	/
			Right Edge	10	346000	1730	1	108	0.06	0.006	21.20	22.00	1.202	0.007	/
			Top Edge	10	346000	1730	1	108	0.12	0.055	21.20	22.00	1.202	0.066	/
			Bottom Edge	10	346000	1730	1	108	-0.01	0.008	21.20	22.00	1.202	0.010	/
			Front Side	10	352000	1760	108	54	-0.01	0.047	21.25	22.00	1.189	0.056	/
			Back Side	10	352000	1760	108	54	-0.11	0.396	21.25	22.00	1.189	0.471	/
			Left Edge	10	352000	1760	108	54	0.06	0.174	21.25	22.00	1.189	0.207	/
			Right Edge	10	352000	1760	108	54	-0.12	0.006	21.25	22.00	1.189	0.007	/
			Top Edge	10	352000	1760	108	54	-0.02	0.046	21.25	22.00	1.189	0.055	/
			Bottom Edge	10	352000	1760	108	54	0.04	0.009	21.25	22.00	1.189	0.011	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	10	349000	1745	1	1	0.01	0.094	21.57	22.00	1.104	0.104	/
			Back Side	10	349000	1745	1	1	-0.12	0.275	21.57	22.00	1.104	0.304	/
			Left Edge	10	349000	1745	1	1	-0.12	0.003	21.57	22.00	1.104	0.003	/
			Right Edge	10	349000	1745	1	1	-0.10	0.570	21.57	22.00	1.104	0.629	/
			Top Edge	10	349000	1745	1	1	-0.07	0.026	21.57	22.00	1.104	0.029	/
			Bottom Edge	10	349000	1745	1	1	0.12	0.097	21.57	22.00	1.104	0.107	/
			Front Side	10	352000	1760	108	108	0.09	0.092	21.60	22.00	1.096	0.101	/
			Back Side	10	352000	1760	108	108	0.09	0.278	21.60	22.00	1.096	0.305	/
			Left Edge	10	352000	1760	108	108	0.01	0.003	21.60	22.00	1.096	0.003	/
			Right Edge	10	352000	1760	108	108	-0.03	0.576	21.60	22.00	1.096	**0.631**	41#
			Top Edge	10	352000	1760	108	108	0.00	0.029	21.60	22.00	1.096	0.032	/
			Bottom Edge	10	352000	1760	108	108	0.03	0.096	21.60	22.00	1.096	0.105	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	0	346000	1730	1	108	-0.09	0.116	21.20	22.00	1.202	0.139	/
			Back Side	0	346000	1730	1	108	0.07	0.654	21.20	22.00	1.202	0.786	/
			Left Edge	0	346000	1730	1	108	0.08	0.404	21.20	22.00	1.202	0.486	/
			Right Edge	0	346000	1730	1	108	-0.05	0.003	21.20	22.00	1.202	0.004	/
			Top Edge	0	346000	1730	1	108	-0.11	0.115	21.20	22.00	1.202	0.138	/
			Bottom Edge	0	346000	1730	1	108	0.07	0.019	21.20	22.00	1.202	0.023	/
			Front Side	0	352000	1760	108	54	-0.02	0.084	21.25	22.00	1.189	0.100	/
			Back Side	0	352000	1760	108	54	0.04	0.659	21.25	22.00	1.189	0.784	/
			Left Edge	0	352000	1760	108	54	0.04	0.386	21.25	22.00	1.189	0.459	/
			Right Edge	0	352000	1760	108	54	-0.06	0.004	21.25	22.00	1.189	0.005	/
			Top Edge	0	352000	1760	108	54	0.05	0.102	21.25	22.00	1.189	0.121	/
			Bottom Edge	0	352000	1760	108	54	0.12	0.024	21.25	22.00	1.189	0.029	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	0	349000	1745	1	1	-0.03	0.233	21.57	22.00	1.104	0.257	/
			Back Side	0	349000	1745	1	1	0.05	0.553	21.57	22.00	1.104	0.611	/
			Left Edge	0	349000	1745	1	1	0.06	0.042	21.57	22.00	1.104	0.046	/
			Right Edge	0	349000	1745	1	1	-0.07	0.920	21.57	22.00	1.104	**1.016**	42#
			Top Edge	0	349000	1745	1	1	-0.09	0.012	21.57	22.00	1.104	0.013	/
			Bottom Edge	0	349000	1745	1	1	-0.02	0.176	21.57	22.00	1.104	0.194	/
			Front Side	0	352000	1760	108	108	0.08	0.235	21.60	22.00	1.096	0.258	/
			Back Side	0	352000	1760	108	108	0.03	0.558	21.60	22.00	1.096	0.612	/
			Left Edge	0	352000	1760	108	108	-0.14	0.043	21.60	22.00	1.096	0.047	/
			Right Edge	0	352000	1760	108	108	0.07	0.925	21.60	22.00	1.096	1.014	/
			Top Edge	0	352000	1760	108	108	-0.03	0.013	21.60	22.00	1.096	0.014	/
			Bottom Edge	0	352000	1760	108	108	-0.13	0.181	21.60	22.00	1.096	0.198	/

10.22 n48 (100MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	10	643332	3649.98	1	271	0.04	0.013	22.31	23.50	1.315	0.017	/
			Back Side	10	643332	3649.98	1	271	-0.06	0.045	22.31	23.50	1.315	0.059	/
			Left Edge	10	643332	3649.98	1	271	-0.07	0.045	22.31	23.50	1.315	0.059	/
			Right Edge	10	643332	3649.98	1	271	-0.05	0.000	22.31	23.50	1.315	0.000	/
			Top Edge	10	643332	3649.98	1	271	-0.15	0.044	22.31	23.50	1.315	0.058	/
			Bottom Edge	10	643332	3649.98	1	271	0.15	0.042	22.31	23.50	1.315	0.055	/
			Front Side	10	640000	3600	135	0	0.02	0.011	22.48	23.50	1.265	0.014	/
			Back Side	10	640000	3600	135	0	0.09	0.038	22.48	23.50	1.265	0.048	/
			Left Edge	10	640000	3600	135	0	-0.06	0.041	22.48	23.50	1.265	0.052	/
			Right Edge	10	640000	3600	135	0	0.14	0.039	22.48	23.50	1.265	0.049	/
			Top Edge	10	640000	3600	135	0	-0.13	0.041	22.48	23.50	1.265	0.052	/
			Bottom Edge	10	640000	3600	135	0	0.10	0.036	22.48	23.50	1.265	0.046	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	10	641666	3624.99	1	137	0.03	0.473	22.79	23.50	1.178	0.557	/
			Back Side	10	641666	3624.99	1	137	-0.13	0.300	22.79	23.50	1.178	0.353	/
			Left Edge	10	641666	3624.99	1	137	0.07	0.000	22.79	23.50	1.178	0.000	/
			Right Edge	10	641666	3624.99	1	137	0.09	0.643	22.79	23.50	1.178	**0.757**	43#
			Top Edge	10	641666	3624.99	1	137	0.06	0.031	22.79	23.50	1.178	0.037	/
			Bottom Edge	10	641666	3624.99	1	137	-0.08	0.332	22.79	23.50	1.178	0.391	/
			Front Side	10	643332	3649.98	135	69	-0.02	0.430	22.95	23.50	1.135	0.488	/
			Back Side	10	643332	3649.98	135	69	0.05	0.255	22.95	23.50	1.135	0.289	/
			Left Edge	10	643332	3649.98	135	69	0.06	0.020	22.95	23.50	1.135	0.023	/
			Right Edge	10	643332	3649.98	135	69	-0.12	0.475	22.95	23.50	1.135	0.539	/
			Top Edge	10	643332	3649.98	135	69	0.01	0.025	22.95	23.50	1.135	0.028	/
			Bottom Edge	10	643332	3649.98	135	69	-0.09	0.265	22.95	23.50	1.135	0.301	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	0	643332	3649.98	1	271	-0.04	0.036	22.31	23.50	1.315	0.047	/
			Back Side	0	643332	3649.98	1	271	-0.12	0.127	22.31	23.50	1.315	0.167	/
			Left Edge	0	643332	3649.98	1	271	0.04	0.133	22.31	23.50	1.315	0.175	/
			Right Edge	0	643332	3649.98	1	271	0.15	0.000	22.31	23.50	1.315	0.000	/
			Top Edge	0	643332	3649.98	1	271	0.16	0.066	22.31	23.50	1.315	0.087	/
			Bottom Edge	0	643332	3649.98	1	271	-0.09	0.000	22.31	23.50	1.315	0.000	/
			Front Side	0	640000	3600	135	0	0.11	0.029	22.48	23.50	1.265	0.037	/
			Back Side	0	640000	3600	135	0	-0.05	0.097	22.48	23.50	1.265	0.123	/
			Left Edge	0	640000	3600	135	0	-0.02	0.110	22.48	23.50	1.265	0.139	/
			Right Edge	0	640000	3600	135	0	0.16	0.000	22.48	23.50	1.265	0.000	/
			Top Edge	0	640000	3600	135	0	-0.14	0.048	22.48	23.50	1.265	0.061	/
			Bottom Edge	0	640000	3600	135	0	0.13	0.000	22.48	23.50	1.265	0.000	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	0	641666	3624.99	1	137	0.06	0.426	22.79	23.50	1.178	0.502	/
			Back Side	0	641666	3624.99	1	137	-0.07	0.623	22.79	23.50	1.178	0.734	/
			Left Edge	0	641666	3624.99	1	137	0.15	0.011	22.79	23.50	1.178	0.013	/
			Right Edge	0	641666	3624.99	1	137	-0.07	0.984	22.79	23.50	1.178	**1.159**	44#
			Top Edge	0	641666	3624.99	1	137	-0.08	0.000	22.79	23.50	1.178	0.000	/
			Bottom Edge	0	641666	3624.99	1	137	0.06	0.415	22.79	23.50	1.178	0.489	/
			Front Side	0	643332	3649.98	135	69	0.15	0.409	22.95	23.50	1.135	0.464	/
			Back Side	0	643332	3649.98	135	69	0.01	0.587	22.95	23.50	1.135	0.666	/
			Left Edge	0	643332	3649.98	135	69	-0.15	0.006	22.95	23.50	1.135	0.007	/
			Right Edge	0	643332	3649.98	135	69	-0.03	0.852	22.95	23.50	1.135	0.967	/
			Top Edge	0	643332	3649.98	135	69	0.08	0.000	22.95	23.50	1.135	0.000	/
			Bottom Edge	0	643332	3649.98	135	69	0.10	0.366	22.95	23.50	1.135	0.415	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.23 n77 (3450~3550 MHz) (100MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	10	633334	3500.01	1	137	0.08	0.058	25.33	26.00	1.167	0.068	/
			Back Side	10	633334	3500.01	1	137	0.01	0.071	25.33	26.00	1.167	0.083	/
			Left Edge	10	633334	3500.01	1	137	0.12	0.078	25.33	26.00	1.167	0.091	/
			Right Edge	10	633334	3500.01	1	137	-0.10	0.000	25.33	26.00	1.167	0.000	/
			Top Edge	10	633334	3500.01	1	137	-0.09	0.073	25.33	26.00	1.167	0.085	/
			Bottom Edge	10	633334	3500.01	1	137	0.02	0.044	25.33	26.00	1.167	0.051	/
			Front Side	10	633334	3500.01	135	69	-0.04	0.044	24.83	26.00	1.309	0.058	/
			Back Side	10	633334	3500.01	135	69	-0.03	0.066	24.83	26.00	1.309	0.086	/
			Left Edge	10	633334	3500.01	135	69	0.02	0.075	24.83	26.00	1.309	0.098	/
			Right Edge	10	633334	3500.01	135	69	-0.04	0.037	24.83	26.00	1.309	0.048	/
			Top Edge	10	633334	3500.01	135	69	-0.07	0.069	24.83	26.00	1.309	0.090	
			Bottom Edge	10	633334	3500.01	135	69	-0.01	0.000	24.83	26.00	1.309	0.000	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	10	633334	3500.01	1	271	0.07	0.415	25.80	26.00	1.047	0.435	/
			Back Side	10	633334	3500.01	1	271	0.07	0.318	25.80	26.00	1.047	0.333	/
			Left Edge	10	633334	3500.01	1	271	0.02	0.000	25.80	26.00	1.047	0.000	/
			Right Edge	10	633334	3500.01	1	271	0.02	0.722	25.80	26.00	1.047	**0.756**	45#
			Top Edge	10	633334	3500.01	1	271	-0.09	0.031	25.80	26.00	1.047	0.032	/
			Bottom Edge	10	633334	3500.01	1	271	-0.06	0.450	25.80	26.00	1.047	0.471	/
			Front Side	10	633334	3500.01	135	69	0.05	0.408	25.61	26.00	1.094	0.446	/
			Back Side	10	633334	3500.01	135	69	0.06	0.291	25.61	26.00	1.094	0.318	/
			Left Edge	10	633334	3500.01	135	69	-0.09	0.000	25.61	26.00	1.094	0.000	/
			Right Edge	10	633334	3500.01	135	69	-0.06	0.673	25.61	26.00	1.094	0.736	/
			Top Edge	10	633334	3500.01	135	69	0.10	0.000	25.61	26.00	1.094	0.000	/
			Bottom Edge	10	633334	3500.01	135	69	-0.12	0.417	25.61	26.00	1.094	0.456	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	0	633334	3500.01	1	137	0.00	0.081	25.33	26.00	1.167	0.095	/
			Back Side	0	633334	3500.01	1	137	-0.10	0.255	25.33	26.00	1.167	0.298	/
			Left Edge	0	633334	3500.01	1	137	-0.10	0.241	25.33	26.00	1.167	0.281	/
			Right Edge	0	633334	3500.01	1	137	-0.03	0.014	25.33	26.00	1.167	0.016	/
			Top Edge	0	633334	3500.01	1	137	0.00	0.118	25.33	26.00	1.167	0.138	/
			Bottom Edge	0	633334	3500.01	1	137	-0.08	0.013	25.33	26.00	1.167	0.015	/
			Front Side	0	633334	3500.01	135	69	0.03	0.091	24.83	26.00	1.309	0.119	/
			Back Side	0	633334	3500.01	135	69	-0.02	0.249	24.83	26.00	1.309	0.326	/
			Left Edge	0	633334	3500.01	135	69	-0.05	0.291	24.83	26.00	1.309	0.381	/
			Right Edge	0	633334	3500.01	135	69	-0.12	0.006	24.83	26.00	1.309	0.008	/
			Top Edge	0	633334	3500.01	135	69	-0.11	0.098	24.83	26.00	1.309	0.128	
			Bottom Edge	0	633334	3500.01	135	69	-0.13	0.000	24.83	26.00	1.309	0.000	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	0	633334	3500.01	1	271	-0.10	0.433	25.80	26.00	1.047	0.453	/
			Back Side	0	633334	3500.01	1	271	0.10	0.678	25.80	26.00	1.047	0.710	/
			Left Edge	0	633334	3500.01	1	271	-0.13	0.010	25.80	26.00	1.047	0.010	/
			Right Edge	0	633334	3500.01	1	271	0.03	0.969	25.80	26.00	1.047	1.015	/
			Top Edge	0	633334	3500.01	1	271	-0.01	0.022	25.80	26.00	1.047	0.023	/
			Bottom Edge	0	633334	3500.01	1	271	0.04	0.590	25.80	26.00	1.047	0.618	/
			Front Side	0	633334	3500.01	135	69	-0.03	0.428	25.61	26.00	1.094	0.468	/
			Back Side	0	633334	3500.01	135	69	-0.01	0.725	25.61	26.00	1.094	0.793	/
			Left Edge	0	633334	3500.01	135	69	-0.08	0.000	25.61	26.00	1.094	0.000	/
			Right Edge	0	633334	3500.01	135	69	0.06	1.090	25.61	26.00	1.094	**1.192**	46#
			Top Edge	0	633334	3500.01	135	69	-0.07	0.022	25.61	26.00	1.094	0.024	/
			Bottom Edge	0	633334	3500.01	135	69	-0.02	0.529	25.61	26.00	1.094	0.579	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.24 n77 (3700~3980 MHz) (100MHz Bandwidth)

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Body-Worn&Hotspot															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	10	656000	3840	1	1	0.01	0.023	25.68	26.00	1.076	0.025	/
			Back Side	10	656000	3840	1	1	0.11	0.043	25.68	26.00	1.076	0.046	/
			Left Edge	10	656000	3840	1	1	0.06	0.068	25.68	26.00	1.076	0.073	/
			Right Edge	10	656000	3840	1	1	0.08	0.036	25.68	26.00	1.076	0.039	/
			Top Edge	10	656000	3840	1	1	0.10	0.083	25.68	26.00	1.076	0.089	/
			Bottom Edge	10	656000	3840	1	1	0.00	0.024	25.68	26.00	1.076	0.026	/
			Front Side	10	656000	3840	135	69	0.04	0.047	25.37	26.00	1.156	0.054	/
			Back Side	10	656000	3840	135	69	-0.11	0.031	25.37	26.00	1.156	0.036	/
			Left Edge	10	656000	3840	135	69	-0.05	0.064	25.37	26.00	1.156	0.074	/
			Right Edge	10	656000	3840	135	69	-0.01	0.043	25.37	26.00	1.156	0.050	/
			Top Edge	10	656000	3840	135	69	-0.01	0.064	25.37	26.00	1.156	0.074	/
			Bottom Edge	10	656000	3840	135	69	-0.03	0.034	25.37	26.00	1.156	0.039	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	10	650000	3750	1	271	0.08	0.334	25.68	26.00	1.076	0.359	/
			Back Side	10	650000	3750	1	271	0.08	0.216	25.68	26.00	1.076	0.232	/
			Left Edge	10	650000	3750	1	271	-0.09	0.000	25.68	26.00	1.076	0.000	/
			Right Edge	10	650000	3750	1	271	0.03	0.433	25.68	26.00	1.076	**0.466**	47#
			Top Edge	10	650000	3750	1	271	0.07	0.042	25.68	26.00	1.076	0.045	/
			Bottom Edge	10	650000	3750	1	271	0.09	0.176	25.68	26.00	1.076	0.189	/
			Front Side	10	656000	3840	135	69	-0.10	0.295	25.60	26.00	1.096	0.323	/
			Back Side	10	656000	3840	135	69	0.12	0.190	25.60	26.00	1.096	0.208	/
			Left Edge	10	656000	3840	135	69	0.03	0.051	25.60	26.00	1.096	0.056	/
			Right Edge	10	656000	3840	135	69	-0.10	0.405	25.60	26.00	1.096	0.444	/
			Top Edge	10	656000	3840	135	69	-0.01	0.039	25.60	26.00	1.096	0.043	/
			Bottom Edge	10	656000	3840	135	69	0.09	0.177	25.60	26.00	1.096	0.194	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Mode	Information	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Extremity															
Ant.0	DFT-s-OFDM BPSK	SA	Front Side	0	656000	3840	1	1	0.12	0.020	25.68	26.00	1.076	0.022	/
			Back Side	0	656000	3840	1	1	0.03	0.084	25.68	26.00	1.076	0.090	/
			Left Edge	0	656000	3840	1	1	0.08	0.178	25.68	26.00	1.076	0.192	/
			Right Edge	0	656000	3840	1	1	0.07	0.015	25.68	26.00	1.076	0.016	/
			Top Edge	0	656000	3840	1	1	0.01	0.061	25.68	26.00	1.076	0.066	/
			Bottom Edge	0	656000	3840	1	1	-0.09	0.012	25.68	26.00	1.076	0.013	/
			Front Side	0	656000	3840	135	69	0.00	0.022	25.37	26.00	1.156	0.025	/
			Back Side	0	656000	3840	135	69	-0.09	0.086	25.37	26.00	1.156	0.099	/
			Left Edge	0	656000	3840	135	69	-0.07	0.191	25.37	26.00	1.156	0.221	/
			Right Edge	0	656000	3840	135	69	0.04	0.000	25.37	26.00	1.156	0.000	/
			Top Edge	0	656000	3840	135	69	0.04	0.065	25.37	26.00	1.156	0.075	/
			Bottom Edge	0	656000	3840	135	69	-0.10	0.006	25.37	26.00	1.156	0.007	/
Ant.1	DFT-s-OFDM BPSK	SA	Front Side	0	650000	3750	1	271	0.10	0.496	25.68	26.00	1.076	0.534	/
			Back Side	0	650000	3750	1	271	0.03	0.769	25.68	26.00	1.076	0.827	/
			Left Edge	0	650000	3750	1	271	-0.02	0.016	25.68	26.00	1.076	0.017	/
			Right Edge	0	650000	3750	1	271	0.09	1.420	25.68	26.00	1.076	**1.528**	48#
			Top Edge	0	650000	3750	1	271	-0.07	0.023	25.68	26.00	1.076	0.025	/
			Bottom Edge	0	650000	3750	1	271	0.08	0.365	25.68	26.00	1.076	0.393	/
			Front Side	0	656000	3840	135	69	-0.01	0.460	25.60	26.00	1.096	0.504	/
			Back Side	0	656000	3840	135	69	-0.05	0.727	25.60	26.00	1.096	0.797	/
			Left Edge	0	656000	3840	135	69	0.01	0.012	25.60	26.00	1.096	0.013	/
			Right Edge	0	656000	3840	135	69	-0.01	0.914	25.60	26.00	1.096	1.002	/
			Top Edge	0	656000	3840	135	69	-0.03	0.029	25.60	26.00	1.096	0.032	/
			Bottom Edge	0	656000	3840	135	69	0.03	0.356	25.60	26.00	1.096	0.390	/

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

10.26 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.
Body-Worn&Hotspot														
Ant.9	802.11 b	Front Side	10	6	2437	0.02	0.065	18.39	19.00	1.151	99.20	1.008	0.075	/
	802.11 b	Back Side	10	6	2437	0.06	0.086	18.39	19.00	1.151	99.20	1.008	0.100	/
	802.11 b	Left Edge	10	6	2437	0.01	0.089	18.39	19.00	1.151	99.20	1.008	0.103	/
	802.11 b	Right Edge	10	6	2437	0.10	0.000	18.39	19.00	1.151	99.20	1.008	0.000	/
	802.11 b	Top Edge	10	6	2437	-0.11	0.095	18.39	19.00	1.151	99.20	1.008	**0.110**	49#
	802.11 b	Bottom Edge	10	6	2437	-0.08	0.000	18.39	19.00	1.151	99.20	1.008	0.000	/
Ant.10	802.11 b	Front Side	10	6	2437	-0.01	0.028	18.59	19.00	1.099	99.20	1.008	0.031	/
	802.11 b	Back Side	10	6	2437	-0.08	0.026	18.59	19.00	1.099	99.20	1.008	0.029	/
	802.11 b	Left Edge	10	6	2437	-0.03	0.000	18.59	19.00	1.099	99.20	1.008	0.000	/
	802.11 b	Right Edge	10	6	2437	-0.05	0.039	18.59	19.00	1.099	99.20	1.008	0.043	/
	802.11 b	Top Edge	10	6	2437	0.01	0.000	18.59	19.00	1.099	99.20	1.008	0.000	/
	802.11 b	Bottom Edge	10	6	2437	-0.02	0.016	18.59	19.00	1.099	99.20	1.008	0.018	/
MIMO	802.11 n(HT40)	Front Side	10	6	2437	0.03	0.081	20.02	21.00	1.253	98.60	1.014	0.103	/
	802.11 n(HT40)	Back Side	10	6	2437	0.13	0.047	20.02	21.00	1.253	98.60	1.014	0.060	/
	802.11 n(HT40)	Left Edge	10	6	2437	0.07	0.068	20.02	21.00	1.253	98.60	1.014	0.086	/
	802.11 n(HT40)	Right Edge	10	6	2437	0.11	0.021	20.02	21.00	1.253	98.60	1.014	0.027	/
	802.11 n(HT40)	Top Edge	10	6	2437	0.02	0.061	20.02	21.00	1.253	98.60	1.014	0.078	/
	802.11 n(HT40)	Bottom Edge	10	6	2437	-0.08	0.000	20.02	21.00	1.253	98.60	1.014	0.000	/

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

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR (W/kg)	Meas. Powe r(dBm)	Max. tune-power (dBm)	Scaling Factor	Duty Cycle (%)	Scaling Factor	1 g Scaled SAR (W/kg)	Meas. No.
Extremity														
Ant.9	802.11 b	Front Side	0	6	2437	0.13	0.191	18.39	19.00	1.151	99.20	1.008	0.222	/
	802.11 b	Back Side	0	6	2437	0.07	0.402	18.39	19.00	1.151	99.20	1.008	**0.466**	50#
	802.11 b	Left Edge	0	6	2437	0.07	0.236	18.39	19.00	1.151	99.20	1.008	0.274	/
	802.11 b	Right Edge	0	6	2437	-0.09	0.000	18.39	19.00	1.151	99.20	1.008	0.000	/
	802.11 b	Top Edge	0	6	2437	0.05	0.356	18.39	19.00	1.151	99.20	1.008	0.413	/
	802.11 b	Bottom Edge	0	6	2437	-0.10	0.000	18.39	19.00	1.151	99.20	1.008	0.000	/
Ant.10	802.11 b	Front Side	0	6	2437	-0.05	0.042	18.59	19.00	1.099	99.20	1.008	0.047	/
	802.11 b	Back Side	0	6	2437	-0.05	0.041	18.59	19.00	1.099	99.20	1.008	0.045	/
	802.11 b	Left Edge	0	6	2437	-0.07	0.000	18.59	19.00	1.099	99.20	1.008	0.000	/
	802.11 b	Right Edge	0	6	2437	-0.11	0.059	18.59	19.00	1.099	99.20	1.008	0.065	/
	802.11 b	Top Edge	0	6	2437	0.04	0.000	18.59	19.00	1.099	99.20	1.008	0.000	/
	802.11 b	Bottom Edge	0	6	2437	0.07	0.020	18.59	19.00	1.099	99.20	1.008	0.022	/
MIMO	802.11 n(HT40)	Front Side	0	6	2437	-0.07	0.125	20.02	21.00	1.253	98.60	1.014	0.159	/
	802.11 n(HT40)	Back Side	0	6	2437	0.01	0.267	20.02	21.00	1.253	98.60	1.014	0.339	/
	802.11 n(HT40)	Left Edge	0	6	2437	0.13	0.170	20.02	21.00	1.253	98.60	1.014	0.216	/
	802.11 n(HT40)	Right Edge	0	6	2437	0.10	0.070	20.02	21.00	1.253	98.60	1.014	0.089	/
	802.11 n(HT40)	Top Edge	0	6	2437	-0.13	0.155	20.02	21.00	1.253	98.60	1.014	0.197	/
	802.11 n(HT40)	Bottom Edge	0	6	2437	-0.08	0.038	20.02	21.00	1.253	98.60	1.014	0.048	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.27 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.
Body-Worn&Hotspot															
Ant.9	5.2G	802.11 ax(HE80)	Front Side	10	42	5210	-0.10	0.135	17.01	18.00	1.256	96.40	1.037	0.176	/
	5.2G	802.11 ax(HE80)	Back Side	10	42	5210	0.06	0.092	17.01	18.00	1.256	96.40	1.037	0.120	/
	5.2G	802.11 ax(HE80)	Left Edge	10	42	5210	0.07	0.086	17.01	18.00	1.256	96.40	1.037	0.112	/
	5.2G	802.11 ax(HE80)	Right Edge	10	42	5210	-0.04	0.035	17.01	18.00	1.256	96.40	1.037	0.046	/
	5.2G	802.11 ax(HE80)	Top Edge	10	42	5210	0.08	0.234	17.01	18.00	1.256	96.40	1.037	**0.305**	51#
	5.2G	802.11 ax(HE80)	Bottom Edge	10	42	5210	0.07	0.020	17.01	18.00	1.256	96.40	1.037	0.026	/
Ant.10	5.2G	802.11 n(HT20)	Front Side	10	48	5240	-0.07	0.047	17.03	18.00	1.250	98.90	1.011	0.059	/
	5.2G	802.11 n(HT20)	Back Side	10	48	5240	0.10	0.042	17.03	18.00	1.250	98.90	1.011	0.053	/
	5.2G	802.11 n(HT20)	Left Edge	10	48	5240	0.08	0.042	17.03	18.00	1.250	98.90	1.011	0.053	/
	5.2G	802.11 n(HT20)	Right Edge	10	48	5240	0.03	0.049	17.03	18.00	1.250	98.90	1.011	0.062	/
	5.2G	802.11 n(HT20)	Top Edge	10	48	5240	-0.09	0.035	17.03	18.00	1.250	98.90	1.011	0.044	/
	5.2G	802.11 n(HT20)	Bottom Edge	10	48	5240	-0.05	0.086	17.03	18.00	1.250	98.90	1.011	0.109	/
MIMO	5.2G	802.11 n(HT20)	Front Side	10	48	5240	-0.03	0.128	20.03	21.00	1.250	98.90	1.011	0.162	/
	5.2G	802.11 n(HT20)	Back Side	10	48	5240	-0.10	0.082	20.03	21.00	1.250	98.90	1.011	0.104	/
	5.2G	802.11 n(HT20)	Left Edge	10	48	5240	-0.08	0.139	20.03	21.00	1.250	98.90	1.011	0.176	/
	5.2G	802.11 n(HT20)	Right Edge	10	48	5240	0.10	0.040	20.03	21.00	1.250	98.90	1.011	0.051	/
	5.2G	802.11 n(HT20)	Top Edge	10	48	5240	-0.07	0.221	20.03	21.00	1.250	98.90	1.011	0.279	/
	5.2G	802.11 n(HT20)	Bottom Edge	10	48	5240	0.09	0.052	20.03	21.00	1.250	98.90	1.011	0.066	/
Ant.9	5.3G	802.11 n(HT40)	Front Side	10	54	5270	-0.04	0.154	17.29	18.00	1.178	98.60	1.014	0.184	/
	5.3G	802.11 n(HT40)	Back Side	10	54	5270	-0.11	0.105	17.29	18.00	1.178	98.60	1.014	0.125	/
	5.3G	802.11 n(HT40)	Left Edge	10	54	5270	0.10	0.102	17.29	18.00	1.178	98.60	1.014	0.122	/
	5.3G	802.11 n(HT40)	Right Edge	10	54	5270	-0.04	0.041	17.29	18.00	1.178	98.60	1.014	0.049	/
	5.3G	802.11 n(HT40)	Top Edge	10	54	5270	0.02	0.262	17.29	18.00	1.178	98.60	1.014	**0.313**	52#
	5.3G	802.11 n(HT40)	Bottom Edge	10	54	5270	-0.09	0.024	17.29	18.00	1.178	98.60	1.014	0.029	/
Ant.10	5.3G	802.11 be(EHT40)	Front Side	10	54	5270	-0.02	0.050	16.90	18.00	1.288	98.60	1.014	0.065	/
	5.3G	802.11 be(EHT40)	Back Side	10	54	5270	0.02	0.048	16.90	18.00	1.288	98.60	1.014	0.063	/
	5.3G	802.11 be(EHT40)	Left Edge	10	54	5270	-0.10	0.049	16.90	18.00	1.288	98.60	1.014	0.064	/
	5.3G	802.11 be(EHT40)	Right Edge	10	54	5270	-0.10	0.061	16.90	18.00	1.288	98.60	1.014	0.080	/
	5.3G	802.11 be(EHT40)	Top Edge	10	54	5270	0.10	0.037	16.90	18.00	1.288	98.60	1.014	0.048	/
	5.3G	802.11 be(EHT40)	Bottom Edge	10	54	5270	0.02	0.098	16.90	18.00	1.288	98.60	1.014	0.128	/
MIMO	5.3G	802.11 n(HT40)	Front Side	10	58	5290	0.06	0.146	19.69	21.00	1.352	98.60	1.014	0.200	/
	5.3G	802.11 n(HT40)	Back Side	10	58	5290	0.13	0.094	19.69	21.00	1.352	98.60	1.014	0.129	/
	5.3G	802.11 n(HT40)	Left Edge	10	58	5290	-0.05	0.158	19.69	21.00	1.352	98.60	1.014	0.217	/
	5.3G	802.11 n(HT40)	Right Edge	10	58	5290	0.06	0.045	19.69	21.00	1.352	98.60	1.014	0.062	/
	5.3G	802.11 n(HT40)	Top Edge	10	58	5290	-0.03	0.215	19.69	21.00	1.352	98.60	1.014	0.295	/
	5.3G	802.11 n(HT40)	Bottom Edge	10	58	5290	-0.02	0.060	19.69	21.00	1.352	98.60	1.014	0.082	/

Ant.9	5.6G	802.11 ac(VHT80)	Front Side	10	122	5610	0.12	0.222	16.19	18.00	1.517	96.40	1.037	0.349	/
	5.6G	802.11 ac(VHT80)	Back Side	10	122	5610	0.10	0.114	16.19	18.00	1.517	96.40	1.037	0.179	/
	5.6G	802.11 ac(VHT80)	Left Edge	10	122	5610	0.03	0.176	16.19	18.00	1.517	96.40	1.037	0.277	/
	5.6G	802.11 ac(VHT80)	Right Edge	10	122	5610	0.09	0.029	16.19	18.00	1.517	96.40	1.037	0.046	/
	5.6G	802.11 ac(VHT80)	Top Edge	10	122	5610	0.04	0.277	16.19	18.00	1.517	96.40	1.037	**0.436**	53#
	5.6G	802.11 ac(VHT80)	Bottom Edge	10	122	5610	0.12	0.050	16.19	18.00	1.517	96.40	1.037	0.079	/
Ant.10	5.6G	802.11 ac(VHT40)	Front Side	10	134	5670	-0.02	0.122	16.54	18.00	1.400	98.60	1.014	0.173	/
	5.6G	802.11 ac(VHT40)	Back Side	10	134	5670	0.11	0.114	16.54	18.00	1.400	98.60	1.014	0.162	/
	5.6G	802.11 ac(VHT40)	Left Edge	10	134	5670	0.00	0.026	16.54	18.00	1.400	98.60	1.014	0.037	/
	5.6G	802.11 ac(VHT40)	Right Edge	10	134	5670	-0.08	0.115	16.54	18.00	1.400	98.60	1.014	0.163	/
	5.6G	802.11 ac(VHT40)	Top Edge	10	134	5670	0.13	0.057	16.54	18.00	1.400	98.60	1.014	0.081	/
	5.6G	802.11 ac(VHT40)	Bottom Edge	10	134	5670	-0.05	0.187	16.54	18.00	1.400	98.60	1.014	0.265	/
MIMO	5.6G	802.11 ac(VHT40)	Front Side	10	134	5670	0.11	0.206	20.00	21.00	1.259	98.60	1.014	0.263	/
	5.6G	802.11 ac(VHT40)	Back Side	10	134	5670	0.00	0.124	20.00	21.00	1.259	98.60	1.014	0.158	/
	5.6G	802.11 ac(VHT40)	Left Edge	10	134	5670	0.12	0.132	20.00	21.00	1.259	98.60	1.014	0.169	/
	5.6G	802.11 ac(VHT40)	Right Edge	10	134	5670	-0.11	0.082	20.00	21.00	1.259	98.60	1.014	0.105	/
	5.6G	802.11 ac(VHT40)	Top Edge	10	134	5670	-0.04	0.261	20.00	21.00	1.259	98.60	1.014	0.333	/
	5.6G	802.11 ac(VHT40)	Bottom Edge	10	134	5670	-0.02	0.194	20.00	21.00	1.259	98.60	1.014	0.248	/
Ant.9	5.8G	802.11 be(EHT80)	Front Side	10	155	5775	0.03	0.194	16.89	18.00	1.291	96.40	1.037	0.260	/
	5.8G	802.11 be(EHT80)	Back Side	10	155	5775	0.01	0.122	16.89	18.00	1.291	96.40	1.037	0.163	/
	5.8G	802.11 be(EHT80)	Left Edge	10	155	5775	0.03	0.122	16.89	18.00	1.291	96.40	1.037	0.163	/
	5.8G	802.11 be(EHT80)	Right Edge	10	155	5775	-0.13	0.059	16.89	18.00	1.291	96.40	1.037	0.079	/
	5.8G	802.11 be(EHT80)	Top Edge	10	155	5775	0.02	0.313	16.89	18.00	1.291	96.40	1.037	**0.419**	54#
	5.8G	802.11 be(EHT80)	Bottom Edge	10	155	5775	0.06	0.038	16.89	18.00	1.291	96.40	1.037	0.051	/
Ant.10	5.8G	802.11 n(HT20)	Front Side	10	157	5785	-0.04	0.131	17.27	18.00	1.183	98.90	1.011	0.157	/
	5.8G	802.11 n(HT20)	Back Side	10	157	5785	0.01	0.135	17.27	18.00	1.183	98.90	1.011	0.161	/
	5.8G	802.11 n(HT20)	Left Edge	10	157	5785	0.01	0.035	17.27	18.00	1.183	98.90	1.011	0.042	/
	5.8G	802.11 n(HT20)	Right Edge	10	157	5785	-0.13	0.137	17.27	18.00	1.183	98.90	1.011	0.164	/
	5.8G	802.11 n(HT20)	Top Edge	10	157	5785	-0.08	0.044	17.27	18.00	1.183	98.90	1.011	0.053	/
	5.8G	802.11 n(HT20)	Bottom Edge	10	157	5785	0.04	0.223	17.27	18.00	1.183	98.90	1.011	0.267	/
MIMO	5.8G	802.11 n(HT20)	Front Side	10	149	5745	0.10	0.135	20.13	21.00	1.222	98.90	1.011	0.167	/
	5.8G	802.11 n(HT20)	Back Side	10	149	5745	-0.08	0.135	20.13	21.00	1.222	98.90	1.011	0.167	/
	5.8G	802.11 n(HT20)	Left Edge	10	149	5745	0.13	0.163	20.13	21.00	1.222	98.90	1.011	0.201	/
	5.8G	802.11 n(HT20)	Right Edge	10	149	5745	-0.03	0.135	20.13	21.00	1.222	98.90	1.011	0.167	/
	5.8G	802.11 n(HT20)	Top Edge	10	149	5745	0.13	0.296	20.13	21.00	1.222	98.90	1.011	0.366	/
	5.8G	802.11 n(HT20)	Bottom Edge	10	149	5745	0.03	0.226	20.13	21.00	1.222	98.90	1.011	0.279	/

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

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.
Extremity															
Ant.9	5.3G	802.11 n(HT40)	Front Side	0	54	5270	-0.10	0.264	17.29	18.00	1.178	98.60	1.014	0.315	/
	5.3G	802.11 n(HT40)	Back Side	0	54	5270	-0.08	0.149	17.29	18.00	1.178	98.60	1.014	0.178	/
	5.3G	802.11 n(HT40)	Left Edge	0	54	5270	0.12	0.105	17.29	18.00	1.178	98.60	1.014	0.125	/
	5.3G	802.11 n(HT40)	Right Edge	0	54	5270	0.00	0.013	17.29	18.00	1.178	98.60	1.014	0.016	/
	5.3G	802.11 n(HT40)	Top Edge	0	54	5270	-0.03	0.723	17.29	18.00	1.178	98.60	1.014	**0.864**	55#
	5.3G	802.11 n(HT40)	Bottom Edge	0	54	5270	-0.03	0.009	17.29	18.00	1.178	98.60	1.014	0.011	/
Ant.10	5.3G	802.11 be(EHT40)	Front Side	0	54	5270	-0.08	0.052	16.90	18.00	1.288	98.60	1.014	0.068	/
	5.3G	802.11 be(EHT40)	Back Side	0	54	5270	-0.02	0.048	16.90	18.00	1.288	98.60	1.014	0.063	/
	5.3G	802.11 be(EHT40)	Left Edge	0	54	5270	0.04	0.009	16.90	18.00	1.288	98.60	1.014	0.012	/
	5.3G	802.11 be(EHT40)	Right Edge	0	54	5270	-0.10	0.048	16.90	18.00	1.288	98.60	1.014	0.063	/
	5.3G	802.11 be(EHT40)	Top Edge	0	54	5270	-0.01	0.013	16.90	18.00	1.288	98.60	1.014	0.017	/
	5.3G	802.11 be(EHT40)	Bottom Edge	0	54	5270	-0.01	0.220	16.90	18.00	1.288	98.60	1.014	0.287	/
MIMO	5.3G	802.11 n(HT40)	Front Side	0	58	5290	0.08	0.269	19.69	21.00	1.352	98.60	1.014	0.369	/
	5.3G	802.11 n(HT40)	Back Side	0	58	5290	0.13	0.144	19.69	21.00	1.352	98.60	1.014	0.197	/
	5.3G	802.11 n(HT40)	Left Edge	0	58	5290	0.09	0.105	19.69	21.00	1.352	98.60	1.014	0.144	/
	5.3G	802.11 n(HT40)	Right Edge	0	58	5290	0.00	0.063	19.69	21.00	1.352	98.60	1.014	0.086	/
	5.3G	802.11 n(HT40)	Top Edge	0	58	5290	-0.08	0.583	19.69	21.00	1.352	98.60	1.014	0.799	/
	5.3G	802.11 n(HT40)	Bottom Edge	0	58	5290	0.08	0.189	19.69	21.00	1.352	98.60	1.014	0.259	/
Ant.9	5.6G	802.11 ac(VHT80)	Front Side	0	122	5610	0.04	0.285	16.19	18.00	1.517	96.40	1.037	0.448	/
	5.6G	802.11 ac(VHT80)	Back Side	0	122	5610	-0.10	0.123	16.19	18.00	1.517	96.40	1.037	0.193	/
	5.6G	802.11 ac(VHT80)	Left Edge	0	122	5610	0.00	0.162	16.19	18.00	1.517	96.40	1.037	0.255	/
	5.6G	802.11 ac(VHT80)	Right Edge	0	122	5610	-0.07	0.013	16.19	18.00	1.517	96.40	1.037	0.020	/
	5.6G	802.11 ac(VHT80)	Top Edge	0	122	5610	-0.03	0.705	16.19	18.00	1.517	96.40	1.037	**1.109**	56#
	5.6G	802.11 ac(VHT80)	Bottom Edge	0	122	5610	-0.09	0.017	16.19	18.00	1.517	96.40	1.037	0.027	/
Ant.10	5.6G	802.11 ac(VHT40)	Front Side	0	134	5670	-0.08	0.214	16.54	18.00	1.400	98.60	1.014	0.304	/
	5.6G	802.11 ac(VHT40)	Back Side	0	134	5670	-0.06	0.157	16.54	18.00	1.400	98.60	1.014	0.223	/
	5.6G	802.11 ac(VHT40)	Left Edge	0	134	5670	0.12	0.014	16.54	18.00	1.400	98.60	1.014	0.020	/
	5.6G	802.11 ac(VHT40)	Right Edge	0	134	5670	-0.10	0.153	16.54	18.00	1.400	98.60	1.014	0.217	/
	5.6G	802.11 ac(VHT40)	Top Edge	0	134	5670	-0.03	0.018	16.54	18.00	1.400	98.60	1.014	0.026	/
	5.6G	802.11 ac(VHT40)	Bottom Edge	0	134	5670	0.02	0.473	16.54	18.00	1.400	98.60	1.014	0.671	/
MIMO	5.6G	802.11 ac(VHT40)	Front Side	0	134	5670	-0.08	0.229	20.00	21.00	1.259	98.60	1.014	0.292	/
	5.6G	802.11 ac(VHT40)	Back Side	0	134	5670	-0.12	0.158	20.00	21.00	1.259	98.60	1.014	0.202	/
	5.6G	802.11 ac(VHT40)	Left Edge	0	134	5670	-0.12	0.140	20.00	21.00	1.259	98.60	1.014	0.179	/
	5.6G	802.11 ac(VHT40)	Right Edge	0	134	5670	-0.06	0.187	20.00	21.00	1.259	98.60	1.014	0.239	/
	5.6G	802.11 ac(VHT40)	Top Edge	0	134	5670	-0.13	0.596	20.00	21.00	1.259	98.60	1.014	0.761	/
	5.6G	802.11 ac(VHT40)	Bottom Edge	0	134	5670	0.08	0.564	20.00	21.00	1.259	98.60	1.014	0.720	/
Ant.9	5.8G	802.11 be(EHT80)	Front Side	0	155	5775	0.06	0.224	16.89	18.00	1.291	96.40	1.037	0.300	/

	5.8G	802.11 be(EHT80)	Back Side	0	155	5775	0.00	0.086	16.89	18.00	1.291	96.40	1.037	0.115	/
	5.8G	802.11 be(EHT80)	Left Edge	0	155	5775	0.03	0.114	16.89	18.00	1.291	96.40	1.037	0.153	/
	5.8G	802.11 be(EHT80)	Right Edge	0	155	5775	-0.13	0.007	16.89	18.00	1.291	96.40	1.037	0.009	/
	5.8G	802.11 be(EHT80)	Top Edge	0	155	5775	-0.09	0.538	16.89	18.00	1.291	96.40	1.037	**0.720**	57#
	5.8G	802.11 be(EHT80)	Bottom Edge	0	155	5775	0.07	0.011	16.89	18.00	1.291	96.40	1.037	0.015	/
Ant.10	5.8G	802.11 n(HT20)	Front Side	0	157	5785	-0.01	0.209	17.27	18.00	1.183	98.90	1.011	0.250	/
	5.8G	802.11 n(HT20)	Back Side	0	157	5785	-0.13	0.149	17.27	18.00	1.183	98.90	1.011	0.178	/
	5.8G	802.11 n(HT20)	Left Edge	0	157	5785	0.05	0.105	17.27	18.00	1.183	98.90	1.011	0.126	/
	5.8G	802.11 n(HT20)	Right Edge	0	157	5785	0.05	0.017	17.27	18.00	1.183	98.90	1.011	0.020	/
	5.8G	802.11 n(HT20)	Top Edge	0	157	5785	0.00	0.013	17.27	18.00	1.183	98.90	1.011	0.016	/
	5.8G	802.11 n(HT20)	Bottom Edge	0	157	5785	-0.06	0.412	17.27	18.00	1.183	98.90	1.011	0.493	/
MIMO	5.8G	802.11 n(HT20)	Front Side	0	149	5745	-0.04	0.203	20.13	21.00	1.222	98.90	1.011	0.251	/
	5.8G	802.11 n(HT20)	Back Side	0	149	5745	0.09	0.136	20.13	21.00	1.222	98.90	1.011	0.168	/
	5.8G	802.11 n(HT20)	Left Edge	0	149	5745	0.08	0.112	20.13	21.00	1.222	98.90	1.011	0.138	/
	5.8G	802.11 n(HT20)	Right Edge	0	149	5745	-0.09	0.099	20.13	21.00	1.222	98.90	1.011	0.122	/
	5.8G	802.11 n(HT20)	Top Edge	0	149	5745	-0.08	0.472	20.13	21.00	1.222	98.90	1.011	0.583	/
	5.8G	802.11 n(HT20)	Bottom Edge	0	149	5745	-0.13	0.496	20.13	21.00	1.222	98.90	1.011	0.613	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.28 WIFI 6GHz

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)	Measured APD4cm2 [W/m2]	Scaled APD [W/m2]	Meas. No.
Body-Worn																	
Ant.9	6G	802.11 ax (HE160)	Front Side	10	15	6025	-0.06	0.052	11.46	12.00	1.132	94.50	1.058	0.062	0.462	0.553	/
	6G	802.11 ax (HE160)	Back Side	10	15	6025	0.11	0.024	11.46	12.00	1.132	94.50	1.058	0.029	0.214	0.256	/
	6G	802.11 ax (HE160)	Left Edge	10	15	6025	0.13	0.024	11.46	12.00	1.132	94.50	1.058	0.029	0.184	0.220	/
	6G	802.11 ax (HE160)	Right Edge	10	15	6025	0.12	0.012	11.46	12.00	1.132	94.50	1.058	0.014	0.101	0.121	/
	6G	802.11 ax (HE160)	Top Edge	10	15	6025	0.08	0.156	11.46	12.00	1.132	94.50	1.058	0.187	1.280	1.533	/
	6G	802.11 ax (HE160)	Bottom Edge	10	15	6025	-0.01	0.028	11.46	12.00	1.132	94.50	1.058	0.034	0.209	0.250	/
Ant.10	6G	802.11 ax (HE160)	Front Side	10	15	6025	0.04	0.044	11.50	12.00	1.122	94.50	1.058	0.052	0.352	0.418	/
	6G	802.11 ax (HE160)	Back Side	10	15	6025	-0.07	0.030	11.50	12.00	1.122	94.50	1.058	0.036	0.249	0.296	/
	6G	802.11 ax (HE160)	Left Edge	10	15	6025	0.01	0.010	11.50	12.00	1.122	94.50	1.058	0.012	0.090	0.107	/
	6G	802.11 ax (HE160)	Right Edge	10	15	6025	0.03	0.015	11.50	12.00	1.122	94.50	1.058	0.018	0.129	0.153	/
	6G	802.11 ax (HE160)	Top Edge	10	15	6025	-0.10	0.012	11.50	12.00	1.122	94.50	1.058	0.014	0.091	0.108	/
	6G	802.11 ax (HE160)	Bottom Edge	10	15	6025	-0.08	0.069	11.50	12.00	1.122	94.50	1.058	0.082	0.572	0.679	/
MIMO	6G	802.11 ax (HE160)	Front Side	10	15	6025	-0.11	0.050	14.39	15.00	1.151	94.50	1.058	0.061	0.381	0.464	/
	6G	802.11 ax (HE160)	Back Side	10	15	6025	0.03	0.034	14.39	15.00	1.151	94.50	1.058	0.041	0.248	0.302	/
	6G	802.11 ax (HE160)	Left Edge	10	15	6025	-0.13	0.028	14.39	15.00	1.151	94.50	1.058	0.034	0.249	0.303	/
	6G	802.11 ax (HE160)	Right Edge	10	15	6025	0.02	0.019	14.39	15.00	1.151	94.50	1.058	0.023	0.151	0.184	/
	6G	802.11 ax (HE160)	Top Edge	10	15	6025	-0.01	0.160	14.39	15.00	1.151	94.50	1.058	**0.195**	1.310	1.595	58#
	6G	802.11 ax (HE160)	Bottom Edge	10	15	6025	-0.06	0.074	14.39	15.00	1.151	94.50	1.058	0.090	0.659	0.803	/
	6G	802.11 ax (HE160)	Top Edge	10	47	6185	0.09	0.148	14.10	15.00	1.230	94.50	1.058	0.193	1.220	1.588	/
	6G	802.11 ax (HE160)	Top Edge	10	79	6345	0.07	0.120	14.17	15.00	1.211	94.50	1.058	0.154	1.110	1.422	/
	6G	802.11 ax (HE160)	Top Edge	10	111	6505	0.09	0.127	14.33	15.00	1.167	94.50	1.058	0.157	1.130	1.395	/
	6G	802.11 ax (HE160)	Top Edge	10	143	6665	0.06	0.131	14.01	15.00	1.256	94.50	1.058	0.174	1.110	1.475	/
	6G	802.11 ax (HE160)	Top Edge	10	175	6825	-0.01	0.146	14.09	15.00	1.233	94.50	1.058	0.190	1.140	1.487	/
	6G	802.11 ax (HE160)	Top Edge	10	207	6985	0.07	0.150	14.12	15.00	1.225	94.50	1.058	0.194	1.220	1.581	/

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

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)	Measured APD4cm2 [W/m2]	Scaled APD [W/m2]	Meas. No.
Extremity																	
Ant.9	6G	802.11 ax (HE160)	Front Side	0	15	6025	0.08	0.078	11.46	12.00	1.132	94.50	1.058	0.093	1.990	2.383	/
	6G	802.11 ax (HE160)	Back Side	0	15	6025	0.06	0.032	11.46	12.00	1.132	94.50	1.058	0.038	0.764	0.915	/
	6G	802.11 ax (HE160)	Left Edge	0	15	6025	-0.03	0.032	11.46	12.00	1.132	94.50	1.058	0.038	0.669	0.801	/
	6G	802.11 ax (HE160)	Right Edge	0	15	6025	0.10	0.002	11.46	12.00	1.132	94.50	1.058	0.002	0.043	0.051	/
	6G	802.11 ax (HE160)	Top Edge	0	15	6025	-0.07	0.215	11.46	12.00	1.132	94.50	1.058	0.257	5.060	6.060	/
	6G	802.11 ax (HE160)	Bottom Edge	0	15	6025	0.07	0.002	11.46	12.00	1.132	94.50	1.058	0.002	0.042	0.050	/
Ant.10	6G	802.11 ax (HE160)	Front Side	0	15	6025	-0.05	0.063	11.50	12.00	1.122	94.50	1.058	0.075	1.330	1.579	/
	6G	802.11 ax (HE160)	Back Side	0	15	6025	-0.11	0.025	11.50	12.00	1.122	94.50	1.058	0.030	0.655	0.778	/
	6G	802.11 ax (HE160)	Left Edge	0	15	6025	-0.13	0.004	11.50	12.00	1.122	94.50	1.058	0.005	0.093	0.110	/
	6G	802.11 ax (HE160)	Right Edge	0	15	6025	0.08	0.017	11.50	12.00	1.122	94.50	1.058	0.020	0.438	0.520	/
	6G	802.11 ax (HE160)	Top Edge	0	15	6025	-0.03	0.004	11.50	12.00	1.122	94.50	1.058	0.005	0.092	0.109	/
	6G	802.11 ax (HE160)	Bottom Edge	0	15	6025	-0.04	0.108	11.50	12.00	1.122	94.50	1.058	0.128	2.620	3.110	/
MIMO	6G	802.11 ax (HE160)	Front Side	0	15	6025	0.08	0.119	14.39	15.00	1.151	94.50	1.058	0.145	3.030	3.690	/
	6G	802.11 ax (HE160)	Back Side	0	15	6025	-0.03	0.053	14.39	15.00	1.151	94.50	1.058	0.065	1.370	1.668	/
	6G	802.11 ax (HE160)	Left Edge	0	15	6025	0.10	0.057	14.39	15.00	1.151	94.50	1.058	0.069	1.270	1.547	/
	6G	802.11 ax (HE160)	Right Edge	0	15	6025	-0.11	0.029	14.39	15.00	1.151	94.50	1.058	0.035	0.754	0.918	/
	6G	802.11 ax (HE160)	Top Edge	0	15	6025	-0.03	0.239	14.39	15.00	1.151	94.50	1.058	**0.291**	5.640	6.868	59#
	6G	802.11 ax (HE160)	Bottom Edge	0	15	6025	-0.04	0.112	14.39	15.00	1.151	94.50	1.058	0.136	2.580	3.142	/
	6G	802.11 ax (HE160)	Top Edge	0	47	6185	0.09	0.189	14.10	15.00	1.230	94.50	1.058	0.246	4.770	6.207	/
	6G	802.11 ax (HE160)	Top Edge	0	79	6345	0.07	0.153	14.17	15.00	1.211	94.50	1.058	0.196	3.420	4.382	/
	6G	802.11 ax (HE160)	Top Edge	0	111	6505	0.09	0.156	14.33	15.00	1.167	94.50	1.058	0.193	3.820	4.717	/
	6G	802.11 ax (HE160)	Top Edge	0	143	6665	0.06	0.164	14.01	15.00	1.256	94.50	1.058	0.218	4.650	6.179	/
	6G	802.11 ax (HE160)	Top Edge	0	175	6825	-0.01	0.125	14.09	15.00	1.233	94.50	1.058	0.163	2.840	3.705	/
	6G	802.11 ax (HE160)	Top Edge	0	207	6985	0.07	0.145	14.12	15.00	1.225	94.50	1.058	0.188	4.010	5.197	/

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

11 SAR Measurement Variability

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

SAR repeated measurement procedure:

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

Frequency Band (MHz)	Wireless Band	RF Exposure Conditions	Test Position	Highest Measured SAR (W/kg)	Repeated SAR (Yes/No)	Repeated^{1th} Measured SAR (W/kg)	Largest to Smallest SAR Radio
1880	WCDMA Band2	Body-worn	Back Side	1.120	Yes	1.090	1.03
1880	WCDMA Band2	Extremity	Back Side	2.280	Yes	2.210	1.03
1720	LTE Band66	Body-worn	Back Side	0.846	Yes	0.835	1.01
836.5	NR n5	Body-worn	Back Side	0.843	Yes	0.815	1.03
Note: The ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20, the second repeated measurement. is not required.							

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	Body-worn	Hotspot	Extremity
1	2.4G WIFI + 5/6G WIFI	Yes	Yes	Yes
2	WWAN + 2.4G WIFI	Yes	Yes	Yes
3	WWAN + 5/6G WIFI	Yes	Yes	Yes
4	WWAN + 2.4G WIFI + 5/6G WIFI	Yes	Yes	Yes
Note: 1. WWAN antennas can switch automatically, the standards supported by WWAN are(WCDMA/LTE/SA(5G NR)/EN-DC(LTE + 5G NR)). 2. The maximum SAR summation is calculated based on the same configuration and test position.				

12.2 Sum SAR of Simultaneous Transmission

12.2.1 Body-Worn&Hotspot Simultaneous Transmission SAR Evaluation for WWAN and WLAN

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4		
			WWAN	2.4GWIFI Max.	5GWIFI Max.	6GWIFI Max.	1+2+3	1+3+4
WCDMA B2	Ant.0	Front Side 10mm	0.197	0.103	0.349	0.062	0.649	0.608
		Back Side 10mm	1.178	0.100	0.220	0.041	**1.498**	1.439
		Left Edge 10mm	0.651	0.103	0.277	0.034	1.031	0.962
		Right Edge 10mm	0.000	0.043	0.167	0.023	0.210	0.190
		Top Edge 10mm	0.343	0.110	0.436	0.195	0.889	0.974
		Bottom Edge 10mm	0.065	0.018	0.279	0.090	0.362	0.434
WCDMA B4	Ant.0	Front Side 10mm	0.089	0.103	0.349	0.062	0.541	0.500
		Back Side 10mm	0.855	0.100	0.220	0.041	1.175	1.116
		Left Edge 10mm	0.420	0.103	0.277	0.034	0.800	0.731
		Right Edge 10mm	0.003	0.043	0.167	0.023	0.213	0.193
		Top Edge 10mm	0.131	0.110	0.436	0.195	0.677	0.762
		Bottom Edge 10mm	0.001	0.018	0.279	0.090	0.298	0.370
WCDMA B5	Ant.1	Front Side 10mm	0.293	0.103	0.349	0.062	0.745	0.704
		Back Side 10mm	0.815	0.100	0.220	0.041	1.135	1.076
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.273	0.043	0.167	0.023	0.483	0.463
		Top Edge 10mm	0.041	0.110	0.436	0.195	0.587	0.672
		Bottom Edge 10mm	0.276	0.018	0.279	0.090	0.573	0.645
LTE B2	Ant.0	Front Side 10mm	0.075	0.103	0.349	0.062	0.527	0.486
		Back Side 10mm	0.358	0.100	0.220	0.041	0.678	0.619
		Left Edge 10mm	0.180	0.103	0.277	0.034	0.560	0.491
		Right Edge 10mm	0.000	0.043	0.167	0.023	0.210	0.190
		Top Edge 10mm	0.096	0.110	0.436	0.195	0.642	0.727
		Bottom Edge 10mm	0.019	0.018	0.279	0.090	0.316	0.388
LTE B2	Ant.1	Front Side 10mm	0.159	0.103	0.349	0.062	0.611	0.570
		Back Side 10mm	0.410	0.100	0.220	0.041	0.730	0.671
		Left Edge 10mm	0.012	0.103	0.277	0.034	0.392	0.323
		Right Edge 10mm	0.684	0.043	0.167	0.023	0.894	0.874
		Top Edge 10mm	0.019	0.110	0.436	0.195	0.565	0.650
		Bottom Edge 10mm	0.102	0.018	0.279	0.090	0.399	0.471
LTE B4	Ant.0	Front Side 10mm	0.064	0.103	0.349	0.062	0.516	0.475
		Back Side 10mm	0.485	0.100	0.220	0.041	0.805	0.746
		Left Edge 10mm	0.249	0.103	0.277	0.034	0.629	0.560
		Right Edge 10mm	0.004	0.043	0.167	0.023	0.214	0.194
		Top Edge 10mm	0.080	0.110	0.436	0.195	0.626	0.711

		Bottom Edge 10mm	0.002	0.018	0.279	0.090	0.299	0.371
LTE B4	Ant.1	Front Side 10mm	0.187	0.103	0.349	0.062	0.639	0.598
		Back Side 10mm	0.543	0.100	0.220	0.041	0.863	0.804
		Left Edge 10mm	0.034	0.103	0.277	0.034	0.414	0.345
		Right Edge 10mm	0.804	0.043	0.167	0.023	1.014	0.994
		Top Edge 10mm	0.032	0.110	0.436	0.195	0.578	0.663
		Bottom Edge 10mm	0.206	0.018	0.279	0.090	0.503	0.575
LTE B5	Ant.1	Front Side 10mm	0.325	0.103	0.349	0.062	0.777	0.736
		Back Side 10mm	0.718	0.100	0.220	0.041	1.038	0.979
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.273	0.043	0.167	0.023	0.483	0.463
		Top Edge 10mm	0.000	0.110	0.436	0.195	0.546	0.631
		Bottom Edge 10mm	0.267	0.018	0.279	0.090	0.564	0.636
LTE B7	Ant.0	Front Side 10mm	0.167	0.103	0.349	0.062	0.619	0.578
		Back Side 10mm	0.257	0.100	0.220	0.041	0.577	0.518
		Left Edge 10mm	0.195	0.103	0.277	0.034	0.575	0.506
		Right Edge 10mm	0.000	0.043	0.167	0.023	0.210	0.190
		Top Edge 10mm	0.195	0.110	0.436	0.195	0.741	0.826
		Bottom Edge 10mm	0.023	0.018	0.279	0.090	0.320	0.392
LTE B12	Ant.1	Front Side 10mm	0.303	0.103	0.349	0.062	0.755	0.714
		Back Side 10mm	0.323	0.100	0.220	0.041	0.643	0.584
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.153	0.043	0.167	0.023	0.363	0.343
		Top Edge 10mm	0.155	0.110	0.436	0.195	0.701	0.786
		Bottom Edge 10mm	0.194	0.018	0.279	0.090	0.491	0.563
LTE B14	Ant.1	Front Side 10mm	0.184	0.103	0.349	0.062	0.636	0.595
		Back Side 10mm	0.385	0.100	0.220	0.041	0.705	0.646
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.162	0.043	0.167	0.023	0.372	0.352
		Top Edge 10mm	0.000	0.110	0.436	0.195	0.546	0.631
		Bottom Edge 10mm	0.123	0.018	0.279	0.090	0.420	0.492
LTE B26	Ant.1	Front Side 10mm	0.340	0.103	0.349	0.062	0.792	0.751
		Back Side 10mm	0.822	0.100	0.220	0.041	1.142	1.083
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.311	0.043	0.167	0.023	0.521	0.501
		Top Edge 10mm	0.000	0.110	0.436	0.195	0.546	0.631
		Bottom Edge 10mm	0.300	0.018	0.279	0.090	0.597	0.669
LTE B30	Ant.0	Front Side 10mm	0.153	0.103	0.349	0.062	0.605	0.564
		Back Side 10mm	0.441	0.100	0.220	0.041	0.761	0.702
		Left Edge 10mm	0.242	0.103	0.277	0.034	0.622	0.553
		Right Edge 10mm	0.000	0.043	0.167	0.023	0.210	0.190
		Top Edge 10mm	0.192	0.110	0.436	0.195	0.738	0.823
		Bottom Edge 10mm	0.000	0.018	0.279	0.090	0.297	0.369

LTE B66	Ant.0	Front Side 10mm	0.059	0.103	0.349	0.062	0.511	0.470
		Back Side 10mm	0.463	0.100	0.220	0.041	0.783	0.724
		Left Edge 10mm	0.191	0.103	0.277	0.034	0.571	0.502
		Right Edge 10mm	0.006	0.043	0.167	0.023	0.216	0.196
		Top Edge 10mm	0.074	0.110	0.436	0.195	0.620	0.705
		Bottom Edge 10mm	0.004	0.018	0.279	0.090	0.301	0.373
LTE B66	Ant.1	Front Side 10mm	0.201	0.103	0.349	0.062	0.653	0.612
		Back Side 10mm	0.590	0.100	0.220	0.041	0.910	0.851
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.917	0.043	0.167	0.023	1.127	1.107
		Top Edge 10mm	0.000	0.110	0.436	0.195	0.546	0.631
		Bottom Edge 10mm	0.230	0.018	0.279	0.090	0.527	0.599
LTE B38	Ant.0	Front Side 10mm	0.144	0.103	0.349	0.062	0.596	0.555
		Back Side 10mm	0.172	0.100	0.220	0.041	0.492	0.433
		Left Edge 10mm	0.142	0.103	0.277	0.034	0.522	0.453
		Right Edge 10mm	0.036	0.043	0.167	0.023	0.246	0.226
		Top Edge 10mm	0.208	0.110	0.436	0.195	0.754	0.839
		Bottom Edge 10mm	0.000	0.018	0.279	0.090	0.297	0.369
LTE B40	Ant.0	Front Side 10mm	0.214	0.103	0.349	0.062	0.666	0.625
		Back Side 10mm	0.597	0.100	0.220	0.041	0.917	0.858
		Left Edge 10mm	0.376	0.103	0.277	0.034	0.756	0.687
		Right Edge 10mm	0.000	0.043	0.167	0.023	0.210	0.190
		Top Edge 10mm	0.284	0.110	0.436	0.195	0.830	0.915
		Bottom Edge 10mm	0.000	0.018	0.279	0.090	0.297	0.369
LTE B41	Ant.0	Front Side 10mm	0.080	0.103	0.349	0.062	0.532	0.491
		Back Side 10mm	0.099	0.100	0.220	0.041	0.419	0.360
		Left Edge 10mm	0.078	0.103	0.277	0.034	0.458	0.389
		Right Edge 10mm	0.013	0.043	0.167	0.023	0.223	0.203
		Top Edge 10mm	0.117	0.110	0.436	0.195	0.663	0.748
		Bottom Edge 10mm	0.013	0.018	0.279	0.090	0.310	0.382
LTE B48	Ant.1	Front Side 10mm	0.153	0.103	0.349	0.062	0.605	0.564
		Back Side 10mm	0.113	0.100	0.220	0.041	0.433	0.374
		Left Edge 10mm	0.026	0.103	0.277	0.034	0.406	0.337
		Right Edge 10mm	0.212	0.043	0.167	0.023	0.422	0.402
		Top Edge 10mm	0.028	0.110	0.436	0.195	0.574	0.659
		Bottom Edge 10mm	0.097	0.018	0.279	0.090	0.394	0.466
n2	Ant.0	Front Side 10mm	0.064	0.103	0.349	0.062	0.516	0.475
		Back Side 10mm	0.375	0.100	0.220	0.041	0.695	0.636
		Left Edge 10mm	0.202	0.103	0.277	0.034	0.582	0.513
		Right Edge 10mm	0.006	0.043	0.167	0.023	0.216	0.196
		Top Edge 10mm	0.091	0.110	0.436	0.195	0.637	0.722
		Bottom Edge 10mm	0.001	0.018	0.279	0.090	0.298	0.370
n2	Ant.1	Front Side 10mm	0.120	0.103	0.349	0.062	0.572	0.531

		Back Side 10mm	0.305	0.100	0.220	0.041	0.625	0.566
		Left Edge 10mm	0.002	0.103	0.277	0.034	0.382	0.313
		Right Edge 10mm	0.492	0.043	0.167	0.023	0.702	0.682
		Top Edge 10mm	0.015	0.110	0.436	0.195	0.561	0.646
		Bottom Edge 10mm	0.081	0.018	0.279	0.090	0.378	0.450
n5	Ant.1	Front Side 10mm	0.504	0.103	0.349	0.062	0.956	0.915
		Back Side 10mm	0.883	0.100	0.220	0.041	1.203	1.144
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.373	0.043	0.167	0.023	0.583	0.563
		Top Edge 10mm	0.149	0.110	0.436	0.195	0.695	0.780
		Bottom Edge 10mm	0.304	0.018	0.279	0.090	0.601	0.673
n14	Ant.1	Front Side 10mm	0.240	0.103	0.349	0.062	0.692	0.651
		Back Side 10mm	0.422	0.100	0.220	0.041	0.742	0.683
		Left Edge 10mm	0.000	0.103	0.277	0.034	0.380	0.311
		Right Edge 10mm	0.160	0.043	0.167	0.023	0.370	0.350
		Top Edge 10mm	0.084	0.110	0.436	0.195	0.630	0.715
		Bottom Edge 10mm	0.140	0.018	0.279	0.090	0.437	0.509
n30	Ant.0	Front Side 10mm	0.141	0.103	0.349	0.062	0.593	0.552
		Back Side 10mm	0.407	0.100	0.220	0.041	0.727	0.668
		Left Edge 10mm	0.223	0.103	0.277	0.034	0.603	0.534
		Right Edge 10mm	0.000	0.043	0.167	0.023	0.210	0.190
		Top Edge 10mm	0.177	0.110	0.436	0.195	0.723	0.808
		Bottom Edge 10mm	0.000	0.018	0.279	0.090	0.297	0.369
n66	Ant.0	Front Side 10mm	0.060	0.103	0.349	0.062	0.512	0.471
		Back Side 10mm	0.500	0.100	0.220	0.041	0.820	0.761
		Left Edge 10mm	0.218	0.103	0.277	0.034	0.598	0.529
		Right Edge 10mm	0.007	0.043	0.167	0.023	0.217	0.197
		Top Edge 10mm	0.066	0.110	0.436	0.195	0.612	0.697
		Bottom Edge 10mm	0.011	0.018	0.279	0.090	0.308	0.380
n66	Ant.1	Front Side 10mm	0.104	0.103	0.349	0.062	0.556	0.515
		Back Side 10mm	0.305	0.100	0.220	0.041	0.625	0.566
		Left Edge 10mm	0.003	0.103	0.277	0.034	0.383	0.314
		Right Edge 10mm	0.631	0.043	0.167	0.023	0.841	0.821
		Top Edge 10mm	0.032	0.110	0.436	0.195	0.578	0.663
		Bottom Edge 10mm	0.107	0.018	0.279	0.090	0.404	0.476
n48	Ant.0	Front Side 10mm	0.017	0.103	0.349	0.062	0.469	0.428
		Back Side 10mm	0.059	0.100	0.220	0.041	0.379	0.320
		Left Edge 10mm	0.059	0.103	0.277	0.034	0.439	0.370
		Right Edge 10mm	0.049	0.043	0.167	0.023	0.259	0.239
		Top Edge 10mm	0.058	0.110	0.436	0.195	0.604	0.689
		Bottom Edge 10mm	0.055	0.018	0.279	0.090	0.352	0.424
n48	Ant.1	Front Side 10mm	0.557	0.103	0.349	0.062	1.009	0.968
		Back Side 10mm	0.353	0.100	0.220	0.041	0.673	0.614

		Left Edge 10mm	0.023	0.103	0.277	0.034	0.403	0.334
		Right Edge 10mm	0.757	0.043	0.167	0.023	0.967	0.947
		Top Edge 10mm	0.037	0.110	0.436	0.195	0.583	0.668
		Bottom Edge 10mm	0.391	0.018	0.279	0.090	0.688	0.760
n77	Ant.0	Front Side 10mm	0.068	0.103	0.349	0.062	0.520	0.479
		Back Side 10mm	0.086	0.100	0.220	0.041	0.406	0.347
		Left Edge 10mm	0.098	0.103	0.277	0.034	0.478	0.409
		Right Edge 10mm	0.050	0.043	0.167	0.023	0.260	0.240
		Top Edge 10mm	0.090	0.110	0.436	0.195	0.636	0.721
		Bottom Edge 10mm	0.051	0.018	0.279	0.090	0.348	0.420
n77	Ant.1	Front Side 10mm	0.446	0.103	0.349	0.062	0.898	0.857
		Back Side 10mm	0.333	0.100	0.220	0.041	0.653	0.594
		Left Edge 10mm	0.056	0.103	0.277	0.034	0.436	0.367
		Right Edge 10mm	0.756	0.043	0.167	0.023	0.966	0.946
		Top Edge 10mm	0.045	0.110	0.436	0.195	0.591	0.676
		Bottom Edge 10mm	0.471	0.018	0.279	0.090	0.768	0.840

Note:

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

2: The highest Summed 1g SAR is 1.498 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.2 Extremity Simultaneous Transmission SAR Evaluation for WWAN and WLAN

Band	Antenna	Position	Stand alone SAR				SUM SAR	
			1	2	3	4		
			WWAN	2.4GWIFI Max.	5GWIFI Max.	6GWIFI Max.	1+2+3	1+3+4
WCDMA B2	Ant.0	Front Side 0mm	0.257	0.222	0.448	0.145	0.927	0.850
		Back Side 0mm	2.399	0.466	0.223	0.065	3.088	2.687
		Left Edge 0mm	1.046	0.274	0.255	0.069	1.575	1.370
		Right Edge 0mm	0.000	0.089	0.239	0.035	0.328	0.274
		Top Edge 0mm	0.454	0.413	1.109	0.291	1.976	1.854
		Bottom Edge 0mm	0.095	0.048	0.720	0.136	0.863	0.951
WCDMA B4	Ant.0	Front Side 0mm	0.200	0.222	0.448	0.145	0.870	0.793
		Back Side 0mm	1.332	0.466	0.223	0.065	2.021	1.620
		Left Edge 0mm	0.870	0.274	0.255	0.069	1.399	1.194
		Right Edge 0mm	0.010	0.089	0.239	0.035	0.338	0.284
		Top Edge 0mm	0.249	0.413	1.109	0.291	1.771	1.649
		Bottom Edge 0mm	0.027	0.048	0.720	0.136	0.795	0.883
WCDMA B5	Ant.1	Front Side 0mm	0.653	0.222	0.448	0.145	1.323	1.246
		Back Side 0mm	1.340	0.466	0.223	0.065	2.029	1.628
		Left Edge 0mm	0.046	0.274	0.255	0.069	0.575	0.370
		Right Edge 0mm	1.265	0.089	0.239	0.035	1.593	1.539
		Top Edge 0mm	0.061	0.413	1.109	0.291	1.583	1.461
		Bottom Edge 0mm	0.744	0.048	0.720	0.136	1.512	1.600
LTE B2	Ant.0	Front Side 0mm	0.078	0.222	0.448	0.145	0.748	0.671
		Back Side 0mm	0.706	0.466	0.223	0.065	1.395	0.994
		Left Edge 0mm	0.292	0.274	0.255	0.069	0.821	0.616
		Right Edge 0mm	0.003	0.089	0.239	0.035	0.331	0.277
		Top Edge 0mm	0.147	0.413	1.109	0.291	1.669	1.547
		Bottom Edge 0mm	0.035	0.048	0.720	0.136	0.803	0.891
LTE B2	Ant.1	Front Side 0mm	0.162	0.222	0.448	0.145	0.832	0.755
		Back Side 0mm	0.387	0.466	0.223	0.065	1.076	0.675
		Left Edge 0mm	0.011	0.274	0.255	0.069	0.540	0.335
		Right Edge 0mm	0.552	0.089	0.239	0.035	0.880	0.826
		Top Edge 0mm	0.017	0.413	1.109	0.291	1.539	1.417
		Bottom Edge 0mm	0.119	0.048	0.720	0.136	0.887	0.975
LTE B4	Ant.0	Front Side 0mm	0.121	0.222	0.448	0.145	0.791	0.714
		Back Side 0mm	0.771	0.466	0.223	0.065	1.460	1.059
		Left Edge 0mm	0.492	0.274	0.255	0.069	1.021	0.816
		Right Edge 0mm	0.007	0.089	0.239	0.035	0.335	0.281
		Top Edge 0mm	0.129	0.413	1.109	0.291	1.651	1.529
		Bottom Edge 0mm	0.023	0.048	0.720	0.136	0.791	0.879
LTE B4	Ant.1	Front Side 0mm	0.472	0.222	0.448	0.145	1.142	1.065

		Back Side 0mm	1.830	0.466	0.223	0.065	2.519	2.118
		Left Edge 0mm	0.100	0.274	0.255	0.069	0.629	0.424
		Right Edge 0mm	1.936	0.089	0.239	0.035	2.264	2.210
		Top Edge 0mm	0.034	0.413	1.109	0.291	1.556	1.434
		Bottom Edge 0mm	0.636	0.048	0.720	0.136	1.404	1.492
LTE B5	Ant.1	Front Side 0mm	0.771	0.222	0.448	0.145	1.441	1.364
		Back Side 0mm	1.468	0.466	0.223	0.065	2.157	1.756
		Left Edge 0mm	0.029	0.274	0.255	0.069	0.558	0.353
		Right Edge 0mm	1.346	0.089	0.239	0.035	1.674	1.620
		Top Edge 0mm	0.094	0.413	1.109	0.291	1.616	1.494
		Bottom Edge 0mm	0.784	0.048	0.720	0.136	1.552	1.640
LTE B7	Ant.0	Front Side 0mm	0.400	0.222	0.448	0.145	1.070	0.993
		Back Side 0mm	0.409	0.466	0.223	0.065	1.098	0.697
		Left Edge 0mm	0.658	0.274	0.255	0.069	1.187	0.982
		Right Edge 0mm	0.003	0.089	0.239	0.035	0.331	0.277
		Top Edge 0mm	0.651	0.413	1.109	0.291	2.173	2.051
		Bottom Edge 0mm	0.000	0.048	0.720	0.136	0.768	0.856
LTE B12	Ant.1	Front Side 0mm	0.341	0.222	0.448	0.145	1.011	0.934
		Back Side 0mm	1.022	0.466	0.223	0.065	1.711	1.310
		Left Edge 0mm	0.034	0.274	0.255	0.069	0.563	0.358
		Right Edge 0mm	0.993	0.089	0.239	0.035	1.321	1.267
		Top Edge 0mm	0.109	0.413	1.109	0.291	1.631	1.509
		Bottom Edge 0mm	0.380	0.048	0.720	0.136	1.148	1.236
LTE B14	Ant.1	Front Side 0mm	0.358	0.222	0.448	0.145	1.028	0.951
		Back Side 0mm	0.833	0.466	0.223	0.065	1.522	1.121
		Left Edge 0mm	0.000	0.274	0.255	0.069	0.529	0.324
		Right Edge 0mm	0.748	0.089	0.239	0.035	1.076	1.022
		Top Edge 0mm	0.064	0.413	1.109	0.291	1.586	1.464
		Bottom Edge 0mm	0.285	0.048	0.720	0.136	1.053	1.141
LTE B26	Ant.1	Front Side 0mm	0.672	0.222	0.448	0.145	1.342	1.265
		Back Side 0mm	1.353	0.466	0.223	0.065	2.042	1.641
		Left Edge 0mm	0.028	0.274	0.255	0.069	0.557	0.352
		Right Edge 0mm	0.569	0.089	0.239	0.035	0.897	0.843
		Top Edge 0mm	0.080	0.413	1.109	0.291	1.602	1.480
		Bottom Edge 0mm	0.634	0.048	0.720	0.136	1.402	1.490
LTE B30	Ant.0	Front Side 0mm	0.567	0.222	0.448	0.145	1.237	1.160
		Back Side 0mm	1.785	0.466	0.223	0.065	2.474	2.073
		Left Edge 0mm	0.816	0.274	0.255	0.069	1.345	1.140
		Right Edge 0mm	0.000	0.089	0.239	0.035	0.328	0.274
		Top Edge 0mm	0.969	0.413	1.109	0.291	2.491	2.369
		Bottom Edge 0mm	0.008	0.048	0.720	0.136	0.776	0.864
LTE B66	Ant.0	Front Side 0mm	0.102	0.222	0.448	0.145	0.772	0.695
		Back Side 0mm	0.693	0.466	0.223	0.065	1.382	0.981

		Left Edge 0mm	0.419	0.274	0.255	0.069	0.948	0.743
		Right Edge 0mm	0.004	0.089	0.239	0.035	0.332	0.278
		Top Edge 0mm	0.137	0.413	1.109	0.291	1.659	1.537
		Bottom Edge 0mm	0.020	0.048	0.720	0.136	0.788	0.876
LTE B66	Ant.1	Front Side 0mm	0.456	0.222	0.448	0.145	1.126	1.049
		Back Side 0mm	1.420	0.466	0.223	0.065	2.109	1.708
		Left Edge 0mm	0.038	0.274	0.255	0.069	0.567	0.362
		Right Edge 0mm	1.680	0.089	0.239	0.035	2.008	1.954
		Top Edge 0mm	0.023	0.413	1.109	0.291	1.545	1.423
		Bottom Edge 0mm	0.581	0.048	0.720	0.136	1.349	1.437
LTE B38	Ant.0	Front Side 0mm	0.089	0.222	0.448	0.145	0.759	0.682
		Back Side 0mm	0.203	0.466	0.223	0.065	0.892	0.491
		Left Edge 0mm	0.379	0.274	0.255	0.069	0.908	0.703
		Right Edge 0mm	0.000	0.089	0.239	0.035	0.328	0.274
		Top Edge 0mm	0.155	0.413	1.109	0.291	1.677	1.555
		Bottom Edge 0mm	0.004	0.048	0.720	0.136	0.772	0.860
LTE B40	Ant.0	Front Side 0mm	0.212	0.222	0.448	0.145	0.882	0.805
		Back Side 0mm	1.051	0.466	0.223	0.065	1.740	1.339
		Left Edge 0mm	0.387	0.274	0.255	0.069	0.916	0.711
		Right Edge 0mm	0.000	0.089	0.239	0.035	0.328	0.274
		Top Edge 0mm	0.411	0.413	1.109	0.291	1.933	1.811
		Bottom Edge 0mm	0.000	0.048	0.720	0.136	0.768	0.856
LTE B41	Ant.0	Front Side 0mm	0.143	0.222	0.448	0.145	0.813	0.736
		Back Side 0mm	0.345	0.466	0.223	0.065	1.034	0.633
		Left Edge 0mm	0.611	0.274	0.255	0.069	1.140	0.935
		Right Edge 0mm	0.000	0.089	0.239	0.035	0.328	0.274
		Top Edge 0mm	0.256	0.413	1.109	0.291	1.778	1.656
		Bottom Edge 0mm	0.000	0.048	0.720	0.136	0.768	0.856
LTE B48	Ant.1	Front Side 0mm	0.201	0.222	0.448	0.145	0.871	0.794
		Back Side 0mm	0.313	0.466	0.223	0.065	1.002	0.601
		Left Edge 0mm	0.005	0.274	0.255	0.069	0.534	0.329
		Right Edge 0mm	0.431	0.089	0.239	0.035	0.759	0.705
		Top Edge 0mm	0.015	0.413	1.109	0.291	1.537	1.415
		Bottom Edge 0mm	0.164	0.048	0.720	0.136	0.932	1.020
n2	Ant.0	Front Side 0mm	0.084	0.222	0.448	0.145	0.754	0.677
		Back Side 0mm	0.681	0.466	0.223	0.065	1.370	0.969
		Left Edge 0mm	0.273	0.274	0.255	0.069	0.802	0.597
		Right Edge 0mm	0.010	0.089	0.239	0.035	0.338	0.284
		Top Edge 0mm	0.114	0.413	1.109	0.291	1.636	1.514
		Bottom Edge 0mm	0.011	0.048	0.720	0.136	0.779	0.867
n2	Ant.1	Front Side 0mm	0.171	0.222	0.448	0.145	0.841	0.764
		Back Side 0mm	0.379	0.466	0.223	0.065	1.068	0.667
		Left Edge 0mm	0.025	0.274	0.255	0.069	0.554	0.349

		Right Edge 0mm	0.552	0.089	0.239	0.035	0.880	0.826
		Top Edge 0mm	0.012	0.413	1.109	0.291	1.534	1.412
		Bottom Edge 0mm	0.126	0.048	0.720	0.136	0.894	0.982
n5	Ant.1	Front Side 0mm	0.525	0.222	0.448	0.145	1.195	1.118
		Back Side 0mm	1.047	0.466	0.223	0.065	1.736	1.335
		Left Edge 0mm	0.037	0.274	0.255	0.069	0.566	0.361
		Right Edge 0mm	1.152	0.089	0.239	0.035	1.480	1.426
		Top Edge 0mm	0.107	0.413	1.109	0.291	1.629	1.507
		Bottom Edge 0mm	0.455	0.048	0.720	0.136	1.223	1.311
n14	Ant.1	Front Side 0mm	0.311	0.222	0.448	0.145	0.981	0.904
		Back Side 0mm	0.755	0.466	0.223	0.065	1.444	1.043
		Left Edge 0mm	0.020	0.274	0.255	0.069	0.549	0.344
		Right Edge 0mm	0.684	0.089	0.239	0.035	1.012	0.958
		Top Edge 0mm	0.093	0.413	1.109	0.291	1.615	1.493
		Bottom Edge 0mm	0.267	0.048	0.720	0.136	1.035	1.123
n30	Ant.0	Front Side 0mm	0.594	0.222	0.448	0.145	1.264	1.187
		Back Side 0mm	2.601	0.466	0.223	0.065	**3.290**	2.889
		Left Edge 0mm	0.768	0.274	0.255	0.069	1.297	1.092
		Right Edge 0mm	0.000	0.089	0.239	0.035	0.328	0.274
		Top Edge 0mm	0.894	0.413	1.109	0.291	2.416	2.294
		Bottom Edge 0mm	0.071	0.048	0.720	0.136	0.839	0.927
n66	Ant.0	Front Side 0mm	0.139	0.222	0.448	0.145	0.809	0.732
		Back Side 0mm	0.786	0.466	0.223	0.065	1.475	1.074
		Left Edge 0mm	0.486	0.274	0.255	0.069	1.015	0.810
		Right Edge 0mm	0.005	0.089	0.239	0.035	0.333	0.279
		Top Edge 0mm	0.138	0.413	1.109	0.291	1.660	1.538
		Bottom Edge 0mm	0.029	0.048	0.720	0.136	0.797	0.885
n66	Ant.1	Front Side 0mm	0.258	0.222	0.448	0.145	0.928	0.851
		Back Side 0mm	0.612	0.466	0.223	0.065	1.301	0.900
		Left Edge 0mm	0.047	0.274	0.255	0.069	0.576	0.371
		Right Edge 0mm	1.016	0.089	0.239	0.035	1.344	1.290
		Top Edge 0mm	0.014	0.413	1.109	0.291	1.536	1.414
		Bottom Edge 0mm	0.198	0.048	0.720	0.136	0.966	1.054
n48	Ant.0	Front Side 0mm	0.047	0.222	0.448	0.145	0.717	0.640
		Back Side 0mm	0.167	0.466	0.223	0.065	0.856	0.455
		Left Edge 0mm	0.175	0.274	0.255	0.069	0.704	0.499
		Right Edge 0mm	0.000	0.089	0.239	0.035	0.328	0.274
		Top Edge 0mm	0.087	0.413	1.109	0.291	1.609	1.487
		Bottom Edge 0mm	0.000	0.048	0.720	0.136	0.768	0.856
n48	Ant.1	Front Side 0mm	0.502	0.222	0.448	0.145	1.172	1.095
		Back Side 0mm	0.734	0.466	0.223	0.065	1.423	1.022
		Left Edge 0mm	0.013	0.274	0.255	0.069	0.542	0.337
		Right Edge 0mm	1.159	0.089	0.239	0.035	1.487	1.433

		Top Edge 0mm	0.000	0.413	1.109	0.291	1.522	1.400
		Bottom Edge 0mm	0.489	0.048	0.720	0.136	1.257	1.345
n77	Ant.0	Front Side 0mm	0.119	0.222	0.448	0.145	0.789	0.712
		Back Side 0mm	0.326	0.466	0.223	0.065	1.015	0.614
		Left Edge 0mm	0.381	0.274	0.255	0.069	0.910	0.705
		Right Edge 0mm	0.016	0.089	0.239	0.035	0.344	0.290
		Top Edge 0mm	0.138	0.413	1.109	0.291	1.660	1.538
		Bottom Edge 0mm	0.015	0.048	0.720	0.136	0.783	0.871
n77	Ant.1	Front Side 0mm	0.534	0.222	0.448	0.145	1.204	1.127
		Back Side 0mm	0.827	0.466	0.223	0.065	1.516	1.115
		Left Edge 0mm	0.017	0.274	0.255	0.069	0.546	0.341
		Right Edge 0mm	1.528	0.089	0.239	0.035	1.856	1.802
		Top Edge 0mm	0.032	0.413	1.109	0.291	1.554	1.432
		Bottom Edge 0mm	0.618	0.048	0.720	0.136	1.386	1.474

Note:

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

2: The highest Summed 10g SAR is 3.290 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.3 Body-Worn&Hotspot Simultaneous Transmission SAR Evaluation for UL-LTE CA and WLAN

Band	LTE Band1 Antenna	SA LTE Band1 SAR	SA LTE Max Power	UL-CA LTE Max Power	LTE Band2 Antenna	SA LTE Band2 SAR	SA LTE Max Power	UL-CA LTE Max Power	Position	Stand alone SAR Band1 SAR	Band2 SAR	1 UL-CA (Band1+Band2)	2 2.4GWIFI Max.	3 5GWIFI Max.	4 6GWIFI Max.	SUM SAR 1+2+3	SUM SAR 1+3+4
CA_2A+5A	Ant.0	0.075	24.00	24.00	Ant.1	0.325	24.50	24.50	Front Side 10mm	0.075	0.325	0.400	0.103	0.349	0.062	0.852	0.811
		0.358	24.00	24.00		0.718	24.50	24.50	Back Side 10mm	0.358	0.718	1.076	0.100	0.179	0.041	1.355	1.296
		0.180	24.00	24.00		0.000	24.50	24.50	Left Edge 10mm	0.180	0.000	0.180	0.103	0.277	0.034	0.560	0.491
		0.000	24.00	24.00		0.273	24.50	24.50	Right Edge 10mm	0.000	0.273	0.273	0.043	0.167	0.023	0.483	0.463
		0.096	24.00	24.00		0.000	24.50	24.50	Top Edge 10mm	0.096	0.000	0.096	0.110	0.436	0.195	0.642	0.727
		0.019	24.00	24.00		0.267	24.50	24.50	Bottom Edge 10mm	0.019	0.267	0.286	0.018	0.279	0.090	0.583	0.655
CA_2A+12A	Ant.0	0.075	24.00	24.00	Ant.1	0.303	24.50	24.50	Front Side 10mm	0.075	0.303	0.378	0.103	0.349	0.062	0.830	0.789
		0.358	24.00	24.00		0.323	24.50	24.50	Back Side 10mm	0.358	0.323	0.681	0.100	0.179	0.041	0.960	0.901
		0.180	24.00	24.00		0.000	24.50	24.50	Left Edge 10mm	0.180	0.000	0.180	0.103	0.277	0.034	0.560	0.491
		0.000	24.00	24.00		0.153	24.50	24.50	Right Edge 10mm	0.000	0.153	0.153	0.043	0.167	0.023	0.363	0.343
		0.096	24.00	24.00		0.155	24.50	24.50	Top Edge 10mm	0.096	0.155	0.251	0.110	0.436	0.195	0.797	0.882
		0.019	24.00	24.00		0.194	24.50	24.50	Bottom Edge 10mm	0.019	0.194	0.213	0.018	0.279	0.090	0.510	0.582
CA_2A+14A	Ant.0	0.075	24.00	24.00	Ant.1	0.184	24.50	24.50	Front Side 10mm	0.075	0.184	0.259	0.103	0.349	0.062	0.711	0.670
		0.358	24.00	24.00		0.385	24.50	24.50	Back Side 10mm	0.358	0.385	0.743	0.100	0.179	0.041	1.022	0.963
		0.180	24.00	24.00		0.000	24.50	24.50	Left Edge 10mm	0.180	0.000	0.180	0.103	0.277	0.034	0.560	0.491
		0.000	24.00	24.00		0.162	24.50	24.50	Right Edge 10mm	0.000	0.162	0.162	0.043	0.167	0.023	0.372	0.352
		0.096	24.00	24.00		0.000	24.50	24.50	Top Edge 10mm	0.096	0.000	0.096	0.110	0.436	0.195	0.642	0.727
		0.019	24.00	24.00		0.123	24.50	24.50	Bottom Edge 10mm	0.019	0.123	0.142	0.018	0.279	0.090	0.439	0.511
CA_4A+12A	Ant.0	0.064	22.00	22.00	Ant.1	0.303	24.50	24.50	Front Side 10mm	0.064	0.303	0.367	0.103	0.349	0.062	0.819	0.778
		0.485	22.00	22.00		0.323	24.50	24.50	Back Side 10mm	0.485	0.323	0.808	0.100	0.179	0.041	1.087	1.028
		0.249	22.00	22.00		0.000	24.50	24.50	Left Edge 10mm	0.249	0.000	0.249	0.103	0.277	0.034	0.629	0.560
		0.004	22.00	22.00		0.153	24.50	24.50	Right Edge 10mm	0.004	0.153	0.157	0.043	0.167	0.023	0.367	0.347
		0.080	22.00	22.00		0.155	24.50	24.50	Top Edge 10mm	0.080	0.155	0.235	0.110	0.436	0.195	0.781	0.866
		0.002	22.00	22.00		0.194	24.50	24.50	Bottom Edge 10mm	0.002	0.194	0.196	0.018	0.279	0.090	0.493	0.565
CA_5A+30A	Ant.1	0.325	24.50	24.50	Ant.0	0.141	24.00	24.00	Front Side 10mm	0.325	0.141	0.466	0.103	0.349	0.062	0.918	0.877
		0.718	24.50	24.50		0.407	24.00	24.00	Back Side 10mm	0.718	0.407	1.125	0.100	0.179	0.041	1.404	1.345
		0.000	24.50	24.50		0.223	24.00	24.00	Left Edge 10mm	0.000	0.223	0.223	0.103	0.277	0.034	0.603	0.534
		0.273	24.50	24.50		0.000	24.00	24.00	Right Edge 10mm	0.273	0.000	0.273	0.043	0.167	0.023	0.483	0.463
		0.000	24.50	24.50		0.177	24.00	24.00	Top Edge 10mm	0.000	0.177	0.177	0.110	0.436	0.195	0.723	0.808
		0.267	24.50	24.50		0.000	24.00	24.00	Bottom Edge 10mm	0.267	0.000	0.267	0.018	0.279	0.090	0.564	0.636
CA_5A+66A	Ant.1	0.325	24.50	24.50	Ant.0	0.059	22.00	22.00	Front Side 10mm	0.325	0.030	0.355	0.103	0.349	0.062	0.807	0.766
		0.718	24.50	24.50		0.463	22.00	22.00	Back Side 10mm	0.718	0.232	0.950	0.100	0.179	0.041	1.229	1.170
		0.000	24.50	24.50		0.191	22.00	22.00	Left Edge 10mm	0.000	0.096	0.096	0.103	0.277	0.034	0.476	0.407
		0.273	24.50	24.50		0.006	22.00	22.00	Right Edge 10mm	0.273	0.003	0.276	0.043	0.167	0.023	0.486	0.466
		0.000	24.50	24.50		0.074	22.00	22.00	Top Edge 10mm	0.000	0.037	0.037	0.110	0.436	0.195	0.583	0.668

		0.267	24.50	24.50		0.004	22.00	22.00	Bottom Edge 10mm	0.267	0.002	0.269	0.018	0.279	0.090	0.566	0.638
CA_12A+30A	Ant.1	0.303	24.50	24.50	Ant.0	0.141	24.00	24.00	Front Side 10mm	0.325	0.059	0.384	0.103	0.349	0.062	0.836	0.795
		0.323	24.50	24.50		0.407	24.00	24.00	Back Side 10mm	0.718	0.463	1.181	0.100	0.179	0.041	**1.460**	1.401
		0.000	24.50	24.50		0.223	24.00	24.00	Left Edge 10mm	0.000	0.191	0.191	0.103	0.277	0.034	0.571	0.502
		0.153	24.50	24.50		0.000	24.00	24.00	Right Edge 10mm	0.273	0.006	0.279	0.043	0.167	0.023	0.489	0.469
		0.155	24.50	24.50		0.177	24.00	24.00	Top Edge 10mm	0.000	0.074	0.074	0.110	0.436	0.195	0.620	0.705
		0.194	24.50	24.50		0.000	24.00	24.00	Bottom Edge 10mm	0.267	0.004	0.271	0.018	0.279	0.090	0.568	0.640
CA_12A+66A	Ant.1	0.303	24.50	24.50	Ant.0	0.059	22.00	22.00	Front Side 10mm	0.303	0.141	0.444	0.103	0.349	0.062	0.896	0.855
		0.323	24.50	24.50		0.463	22.00	22.00	Back Side 10mm	0.323	0.407	0.730	0.100	0.179	0.041	1.009	0.950
		0.000	24.50	24.50		0.191	22.00	22.00	Left Edge 10mm	0.000	0.223	0.223	0.103	0.277	0.034	0.603	0.534
		0.153	24.50	24.50		0.006	22.00	22.00	Right Edge 10mm	0.153	0.000	0.153	0.043	0.167	0.023	0.363	0.343
		0.155	24.50	24.50		0.074	22.00	22.00	Top Edge 10mm	0.155	0.177	0.332	0.110	0.436	0.195	0.878	0.963
		0.194	24.50	24.50		0.004	22.00	22.00	Bottom Edge 10mm	0.194	0.000	0.194	0.018	0.279	0.090	0.491	0.563
CA_14A+30A	Ant.1	0.184	24.50	24.50	Ant.0	0.141	24.00	24.00	Front Side 10mm	0.303	0.059	0.362	0.103	0.349	0.062	0.814	0.773
		0.385	24.50	24.50		0.407	24.00	24.00	Back Side 10mm	0.323	0.463	0.786	0.100	0.179	0.041	1.065	1.006
		0.000	24.50	24.50		0.223	24.00	24.00	Left Edge 10mm	0.000	0.191	0.191	0.103	0.277	0.034	0.571	0.502
		0.162	24.50	24.50		0.000	24.00	24.00	Right Edge 10mm	0.153	0.006	0.159	0.043	0.167	0.023	0.369	0.349
		0.000	24.50	24.50		0.177	24.00	24.00	Top Edge 10mm	0.155	0.074	0.229	0.110	0.436	0.195	0.775	0.860
		0.123	24.50	24.50		0.000	24.00	24.00	Bottom Edge 10mm	0.194	0.004	0.198	0.018	0.279	0.090	0.495	0.567
CA_14A+66A	Ant.1	0.184	24.50	24.50	Ant.0	0.059	22.00	22.00	Front Side 10mm	0.184	0.141	0.325	0.103	0.349	0.062	0.777	0.736
		0.385	24.50	24.50		0.463	22.00	22.00	Back Side 10mm	0.385	0.407	0.792	0.100	0.179	0.041	1.071	1.012
		0.000	24.50	24.50		0.191	22.00	22.00	Left Edge 10mm	0.000	0.223	0.223	0.103	0.277	0.034	0.603	0.534
		0.162	24.50	24.50		0.006	22.00	22.00	Right Edge 10mm	0.162	0.000	0.162	0.043	0.167	0.023	0.372	0.352
		0.000	24.50	24.50		0.074	22.00	22.00	Top Edge 10mm	0.000	0.177	0.177	0.110	0.436	0.195	0.723	0.808
		0.123	24.50	24.50		0.004	22.00	22.00	Bottom Edge 10mm	0.123	0.000	0.123	0.018	0.279	0.090	0.420	0.492

Note:

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

2: The highest Summed 1g SAR is 1.460 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.4 Extremity Simultaneous Transmission SAR Evaluation for UL-LTE CA and WLAN

Band	LTE Band1 Antenna	SA LTE Band1 SAR	SA LTE Max Power	UL-CA LTE Max Power	LTE Band2 Antenna	SA LTE Band2 SAR	SA LTE Max Power	UL-CA LTE Max Power	Position	Stand alone SAR Band1 SAR	Stand alone SAR Band2 SAR	Stand alone SAR 1 UL-CA (Band1+ Band2)	Stand alone SAR 2 2.4GWIFI Max.	Stand alone SAR 3 5GWIFI Max.	Stand alone SAR 4 6GWIFI Max.	SUM SAR 1+2+3	SUM SAR 1+3+4
CA_2A+5A	Ant.0	0.078	24.00	24.00	Ant.1	0.771	24.50	24.50	Front Side 0mm	0.078	0.771	0.849	0.222	0.448	0.145	1.519	1.442
		0.706	24.00	24.00		1.468	24.50	24.50	Back Side 0mm	0.706	1.468	2.174	0.466	0.223	0.065	2.863	2.462
		0.292	24.00	24.00		0.029	24.50	24.50	Left Edge 0mm	0.292	0.029	0.321	0.274	0.255	0.069	0.850	0.645
		0.003	24.00	24.00		1.346	24.50	24.50	Right Edge 0mm	0.003	1.346	1.349	0.089	0.239	0.035	1.677	1.623
		0.147	24.00	24.00		0.094	24.50	24.50	Top Edge 0mm	0.147	0.094	0.241	0.413	1.109	0.291	1.763	1.641
		0.035	24.00	24.00		0.784	24.50	24.50	Bottom Edge 0mm	0.035	0.784	0.819	0.048	0.720	0.136	1.587	1.675
CA_2A+12A	Ant.0	0.078	24.00	24.00	Ant.1	0.341	24.50	24.50	Front Side 0mm	0.078	0.341	0.419	0.222	0.448	0.145	1.089	1.012
		0.706	24.00	24.00		1.022	24.50	24.50	Back Side 0mm	0.706	1.022	1.728	0.466	0.223	0.065	2.417	2.016
		0.292	24.00	24.00		0.034	24.50	24.50	Left Edge 0mm	0.292	0.034	0.326	0.274	0.255	0.069	0.855	0.650
		0.003	24.00	24.00		0.993	24.50	24.50	Right Edge 0mm	0.003	0.993	0.996	0.089	0.239	0.035	1.324	1.270
		0.147	24.00	24.00		0.109	24.50	24.50	Top Edge 0mm	0.147	0.109	0.256	0.413	1.109	0.291	1.778	1.656
		0.035	24.00	24.00		0.380	24.50	24.50	Bottom Edge 0mm	0.035	0.380	0.415	0.048	0.720	0.136	1.183	1.271
CA_2A+14A	Ant.0	0.078	24.00	24.00	Ant.1	0.358	24.50	24.50	Front Side 0mm	0.078	0.358	0.436	0.222	0.448	0.145	1.106	1.029
		0.706	24.00	24.00		0.833	24.50	24.50	Back Side 0mm	0.706	0.833	1.539	0.466	0.223	0.065	2.228	1.827
		0.292	24.00	24.00		0.000	24.50	24.50	Left Edge 0mm	0.292	0.000	0.292	0.274	0.255	0.069	0.821	0.616
		0.003	24.00	24.00		0.748	24.50	24.50	Right Edge 0mm	0.003	0.748	0.751	0.089	0.239	0.035	1.079	1.025
		0.147	24.00	24.00		0.064	24.50	24.50	Top Edge 0mm	0.147	0.064	0.211	0.413	1.109	0.291	1.733	1.611
		0.035	24.00	24.00		0.285	24.50	24.50	Bottom Edge 0mm	0.035	0.285	0.320	0.048	0.720	0.136	1.088	1.176
CA_4A+12A	Ant.0	0.121	22.00	22.00	Ant.1	0.341	24.50	24.50	Front Side 0mm	0.121	0.341	0.462	0.222	0.448	0.145	1.132	1.055
		0.771	22.00	22.00		1.022	24.50	24.50	Back Side 0mm	0.771	1.022	1.793	0.466	0.223	0.065	2.482	2.081
		0.492	22.00	22.00		0.034	24.50	24.50	Left Edge 0mm	0.492	0.034	0.526	0.274	0.255	0.069	1.055	0.850
		0.007	22.00	22.00		0.993	24.50	24.50	Right Edge 0mm	0.007	0.993	1.000	0.089	0.239	0.035	1.328	1.274
		0.129	22.00	22.00		0.109	24.50	24.50	Top Edge 0mm	0.129	0.109	0.238	0.413	1.109	0.291	1.760	1.638
		0.023	22.00	22.00		0.380	24.50	24.50	Bottom Edge 0mm	0.023	0.380	0.403	0.048	0.720	0.136	1.171	1.259
CA_5A+30A	Ant.1	0.771	24.50	24.50	Ant.0	0.567	24.00	24.00	Front Side 0mm	0.771	0.567	1.338	0.222	0.448	0.145	2.008	1.931
		1.468	24.50	24.50		1.785	24.00	24.00	Back Side 0mm	1.468	1.785	3.253	0.466	0.223	0.065	**3.942**	3.541
		0.029	24.50	24.50		0.816	24.00	24.00	Left Edge 0mm	0.029	0.816	0.845	0.274	0.255	0.069	1.374	1.169
		1.346	24.50	24.50		0.000	24.00	24.00	Right Edge 0mm	1.346	0.000	1.346	0.089	0.239	0.035	1.674	1.620
		0.094	24.50	24.50		0.969	24.00	24.00	Top Edge 0mm	0.094	0.969	1.063	0.413	1.109	0.291	2.585	2.463
		0.784	24.50	24.50		0.008	24.00	24.00	Bottom Edge 0mm	0.784	0.008	0.792	0.048	0.720	0.136	1.560	1.648
CA_5A+66A	Ant.1	0.771	24.50	24.50	Ant.0	0.102	22.00	22.00	Front Side 0mm	0.771	0.102	0.873	0.222	0.448	0.145	1.543	1.466
		1.468	24.50	24.50		0.693	22.00	22.00	Back Side 0mm	1.468	0.693	2.161	0.466	0.223	0.065	2.850	2.449
		0.029	24.50	24.50		0.419	22.00	22.00	Left Edge 0mm	0.029	0.419	0.448	0.274	0.255	0.069	0.977	0.772
		1.346	24.50	24.50		0.004	22.00	22.00	Right Edge 0mm	1.346	0.004	1.350	0.089	0.239	0.035	1.678	1.624

		0.094	24.50	24.50		0.137	22.00	22.00	Top Edge 0mm	0.094	0.137	0.231	0.413	1.109	0.291	1.753	1.631
		0.784	24.50	24.50		0.020	22.00	22.00	Bottom Edge 0mm	0.784	0.020	0.804	0.048	0.720	0.136	1.572	1.660
CA_12A+30A	Ant.1	0.341	24.50	24.50	Ant.0	0.567	24.00	24.00	Front Side 0mm	0.341	0.567	0.908	0.222	0.448	0.145	1.578	1.501
		1.022	24.50	24.50		1.785	24.00	24.00	Back Side 0mm	1.022	1.785	2.807	0.466	0.223	0.065	3.496	3.095
		0.034	24.50	24.50		0.816	24.00	24.00	Left Edge 0mm	0.034	0.816	0.850	0.274	0.255	0.069	1.379	1.174
		0.993	24.50	24.50		0.000	24.00	24.00	Right Edge 0mm	0.993	0.000	0.993	0.089	0.239	0.035	1.321	1.267
		0.109	24.50	24.50		0.969	24.00	24.00	Top Edge 0mm	0.109	0.969	1.078	0.413	1.109	0.291	2.600	2.478
		0.380	24.50	24.50		0.008	24.00	24.00	Bottom Edge 0mm	0.380	0.008	0.388	0.048	0.720	0.136	1.156	1.244
CA_12A+66A	Ant.1	0.341	24.50	24.50	Ant.0	0.102	22.00	22.00	Front Side 0mm	0.341	0.102	0.443	0.222	0.448	0.145	1.113	1.036
		1.022	24.50	24.50		0.693	22.00	22.00	Back Side 0mm	1.022	0.693	1.715	0.466	0.223	0.065	2.404	2.003
		0.034	24.50	24.50		0.419	22.00	22.00	Left Edge 0mm	0.034	0.419	0.453	0.274	0.255	0.069	0.982	0.777
		0.993	24.50	24.50		0.004	22.00	22.00	Right Edge 0mm	0.993	0.004	0.997	0.089	0.239	0.035	1.325	1.271
		0.109	24.50	24.50		0.137	22.00	22.00	Top Edge 0mm	0.109	0.137	0.246	0.413	1.109	0.291	1.768	1.646
		0.380	24.50	24.50		0.020	22.00	22.00	Bottom Edge 0mm	0.380	0.020	0.400	0.048	0.720	0.136	1.168	1.256
CA_14A+30A	Ant.1	0.358	24.50	24.50	Ant.0	0.567	24.00	24.00	Front Side 0mm	0.358	0.567	0.925	0.222	0.448	0.145	1.595	1.518
		0.833	24.50	24.50		1.785	24.00	24.00	Back Side 0mm	0.833	1.785	2.618	0.466	0.223	0.065	3.307	2.906
		0.000	24.50	24.50		0.816	24.00	24.00	Left Edge 0mm	0.000	0.816	0.816	0.274	0.255	0.069	1.345	1.140
		0.748	24.50	24.50		0.000	24.00	24.00	Right Edge 0mm	0.748	0.000	0.748	0.089	0.239	0.035	1.076	1.022
		0.064	24.50	24.50		0.969	24.00	24.00	Top Edge 0mm	0.064	0.969	1.033	0.413	1.109	0.291	2.555	2.433
		0.285	24.50	24.50		0.008	24.00	24.00	Bottom Edge 0mm	0.285	0.008	0.293	0.048	0.720	0.136	1.061	1.149
CA_14A+66A	Ant.1	0.358	24.50	24.50	Ant.0	0.102	22.00	22.00	Front Side 0mm	0.358	0.102	0.460	0.222	0.448	0.145	1.130	1.053
		0.833	24.50	24.50		0.693	22.00	22.00	Back Side 0mm	0.833	0.693	1.526	0.466	0.223	0.065	2.215	1.814
		0.000	24.50	24.50		0.419	22.00	22.00	Left Edge 0mm	0.000	0.419	0.419	0.274	0.255	0.069	0.948	0.743
		0.748	24.50	24.50		0.004	22.00	22.00	Right Edge 0mm	0.748	0.004	0.752	0.089	0.239	0.035	1.080	1.026
		0.064	24.50	24.50		0.137	22.00	22.00	Top Edge 0mm	0.064	0.137	0.201	0.413	1.109	0.291	1.723	1.601
		0.285	24.50	24.50		0.020	22.00	22.00	Bottom Edge 0mm	0.285	0.020	0.305	0.048	0.720	0.136	1.073	1.161

Note:

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

2: The highest Summed 10g SAR is 3.942 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.5 Body-Worn&Hotspot Simultaneous Transmission SAR Evaluation for UL-NR CA and WLAN

Band	NR Band1 Antenna	SA	SA	UL-CA	NR Band2 Antenna	SA	SA	UL-CA	Position	Stand alone SAR						SUM SAR	
		NR Band1 SAR	NR Max Power	NR Max Power		NR Band2 SAR	NR Max Power	NR Max Power		Band1 SAR	Band2 SAR	1 UL-CA (Band1+ Band2)	2 2.4GWIFI Max.	3 5GWIFI Max.	4 6GWIFI Max.	1+2+3	1+3+4
CA_n2A+n5A	Ant.0	0.064	23.50	23.50	Ant.1	0.504	24.00	22.50	Front Side 10mm	0.064	0.357	0.421	0.103	0.349	0.062	0.873	0.832
		0.375	23.50	23.50		0.883	24.00	22.50	Back Side 10mm	0.375	0.625	1.000	0.100	0.179	0.041	1.279	1.220
		0.202	23.50	23.50		0.000	24.00	22.50	Left Edge 10mm	0.202	0.000	0.202	0.103	0.277	0.034	0.582	0.513
		0.006	23.50	23.50		0.373	24.00	22.50	Right Edge 10mm	0.006	0.264	0.270	0.043	0.167	0.023	0.480	0.460
		0.091	23.50	23.50		0.149	24.00	22.50	Top Edge 10mm	0.091	0.105	0.196	0.110	0.436	0.195	0.742	0.827
		0.001	23.50	23.50		0.304	24.00	22.50	Bottom Edge 10mm	0.001	0.215	0.216	0.018	0.279	0.090	0.513	0.585
CA_n2A+n14A	Ant.0	0.064	23.50	23.50	Ant.1	0.240	24.00	24.00	Front Side 10mm	0.064	0.240	0.304	0.103	0.349	0.062	0.756	0.715
		0.375	23.50	23.50		0.422	24.00	24.00	Back Side 10mm	0.375	0.422	0.797	0.100	0.179	0.041	1.076	1.017
		0.202	23.50	23.50		0.000	24.00	24.00	Left Edge 10mm	0.202	0.000	0.202	0.103	0.277	0.034	0.582	0.513
		0.006	23.50	23.50		0.160	24.00	24.00	Right Edge 10mm	0.006	0.160	0.166	0.043	0.167	0.023	0.376	0.356
		0.091	23.50	23.50		0.084	24.00	24.00	Top Edge 10mm	0.091	0.084	0.175	0.110	0.436	0.195	0.721	0.806
		0.001	23.50	23.50		0.140	24.00	24.00	Bottom Edge 10mm	0.001	0.140	0.141	0.018	0.279	0.090	0.438	0.510
CA_n2A+n66A	Ant.0	0.064	23.50	23.50	Ant.1	0.104	22.00	22.00	Front Side 10mm	0.064	0.104	0.168	0.103	0.349	0.062	0.620	0.579
		0.375	23.50	23.50		0.305	22.00	22.00	Back Side 10mm	0.375	0.305	0.680	0.100	0.179	0.041	0.959	0.900
		0.202	23.50	23.50		0.003	22.00	22.00	Left Edge 10mm	0.202	0.003	0.205	0.103	0.277	0.034	0.585	0.516
		0.006	23.50	23.50		0.631	22.00	22.00	Right Edge 10mm	0.006	0.631	0.637	0.043	0.167	0.023	0.847	0.827
		0.091	23.50	23.50		0.032	22.00	22.00	Top Edge 10mm	0.091	0.032	0.123	0.110	0.436	0.195	0.669	0.754
		0.001	23.50	23.50		0.107	22.00	22.00	Bottom Edge 10mm	0.001	0.107	0.108	0.018	0.279	0.090	0.405	0.477
CA_n2A+n77A	Ant.0	0.064	23.50	23.50	Ant.1	0.446	26.00	25.00	Front Side 10mm	0.064	0.354	0.418	0.103	0.349	0.062	0.870	0.829
		0.375	23.50	23.50		0.333	26.00	25.00	Back Side 10mm	0.375	0.265	0.640	0.100	0.179	0.041	0.919	0.860
		0.202	23.50	23.50		0.056	26.00	25.00	Left Edge 10mm	0.202	0.044	0.246	0.103	0.277	0.034	0.626	0.557
		0.006	23.50	23.50		0.756	26.00	25.00	Right Edge 10mm	0.006	0.601	0.607	0.043	0.167	0.023	0.817	0.797
		0.091	23.50	23.50		0.045	26.00	25.00	Top Edge 10mm	0.091	0.036	0.127	0.110	0.436	0.195	0.673	0.758
		0.001	23.50	23.50		0.471	26.00	25.00	Bottom Edge 10mm	0.001	0.374	0.375	0.018	0.279	0.090	0.672	0.744
CA_n5A+n30A	Ant.1	0.504	24.00	22.50	Ant.0	0.269	24.50	23.50	Front Side 10mm	0.357	0.214	0.570	0.103	0.349	0.062	1.022	0.981
		0.883	24.00	22.50		0.756	24.50	23.50	Back Side 10mm	0.625	0.601	1.226	0.100	0.179	0.041	**1.505**	1.446
		0.000	24.00	22.50		0.331	24.50	23.50	Left Edge 10mm	0.000	0.263	0.263	0.103	0.277	0.034	0.643	0.574
		0.373	24.00	22.50		0.000	24.50	23.50	Right Edge 10mm	0.264	0.000	0.264	0.043	0.167	0.023	0.474	0.454
		0.149	24.00	22.50		0.256	24.50	23.50	Top Edge 10mm	0.105	0.203	0.309	0.110	0.436	0.195	0.855	0.940
		0.304	24.00	22.50		0.040	24.50	23.50	Bottom Edge 10mm	0.215	0.032	0.247	0.018	0.279	0.090	0.544	0.616
CA_n5A+n66A	Ant.1	0.504	24.00	22.50	Ant.0	0.060	22.00	22.00	Front Side 10mm	0.357	0.060	0.417	0.103	0.349	0.062	0.869	0.828
		0.883	24.00	22.50		0.500	22.00	22.00	Back Side 10mm	0.625	0.500	1.125	0.100	0.179	0.041	1.404	1.345
		0.000	24.00	22.50		0.218	22.00	22.00	Left Edge 10mm	0.000	0.218	0.218	0.103	0.277	0.034	0.598	0.529
		0.373	24.00	22.50		0.007	22.00	22.00	Right Edge 10mm	0.264	0.007	0.271	0.043	0.167	0.023	0.481	0.461
		0.149	24.00	22.50		0.066	22.00	22.00	Top Edge 10mm	0.105	0.066	0.171	0.110	0.436	0.195	0.717	0.802

		0.304	24.00	22.50		0.011	22.00	22.00	Bottom Edge 10mm	0.215	0.011	0.226	0.018	0.279	0.090	0.523	0.595
CA_n5A+n77A	Ant.1	0.504	24.00	22.50	Ant.0	0.068	26.00	26.00	Front Side 10mm	0.357	0.068	0.425	0.103	0.349	0.062	0.877	0.836
		0.883	24.00	22.50		0.086	26.00	26.00	Back Side 10mm	0.625	0.086	0.711	0.100	0.179	0.041	0.990	0.931
		0.000	24.00	22.50		0.098	26.00	26.00	Left Edge 10mm	0.000	0.098	0.098	0.103	0.277	0.034	0.478	0.409
		0.373	24.00	22.50		0.050	26.00	26.00	Right Edge 10mm	0.264	0.050	0.314	0.043	0.167	0.023	0.524	0.504
		0.149	24.00	22.50		0.090	26.00	26.00	Top Edge 10mm	0.105	0.090	0.195	0.110	0.436	0.195	0.741	0.826
		0.304	24.00	22.50		0.051	26.00	26.00	Bottom Edge 10mm	0.215	0.051	0.266	0.018	0.279	0.090	0.563	0.635
CA_n14A+n30A	Ant.1	0.240	24.00	24.00	Ant.0	0.269	24.50	23.50	Front Side 10mm	0.240	0.214	0.454	0.103	0.349	0.062	0.906	0.865
		0.422	24.00	24.00		0.756	24.50	23.50	Back Side 10mm	0.422	0.601	1.023	0.100	0.179	0.041	1.302	1.243
		0.000	24.00	24.00		0.331	24.50	23.50	Left Edge 10mm	0.000	0.263	0.263	0.103	0.277	0.034	0.643	0.574
		0.160	24.00	24.00		0.000	24.50	23.50	Right Edge 10mm	0.160	0.000	0.160	0.043	0.167	0.023	0.370	0.350
		0.084	24.00	24.00		0.256	24.50	23.50	Top Edge 10mm	0.084	0.203	0.287	0.110	0.436	0.195	0.833	0.918
		0.140	24.00	24.00		0.040	24.50	23.50	Bottom Edge 10mm	0.140	0.032	0.172	0.018	0.279	0.090	0.469	0.541
CA_n14A+n66A	Ant.1	0.240	24.00	24.00	Ant.0	0.060	22.00	22.00	Front Side 10mm	0.240	0.060	0.300	0.103	0.349	0.062	0.752	0.711
		0.422	24.00	24.00		0.500	22.00	22.00	Back Side 10mm	0.422	0.500	0.922	0.100	0.179	0.041	1.201	1.142
		0.000	24.00	24.00		0.218	22.00	22.00	Left Edge 10mm	0.000	0.218	0.218	0.103	0.277	0.034	0.598	0.529
		0.160	24.00	24.00		0.007	22.00	22.00	Right Edge 10mm	0.160	0.007	0.167	0.043	0.167	0.023	0.377	0.357
		0.084	24.00	24.00		0.066	22.00	22.00	Top Edge 10mm	0.084	0.066	0.150	0.110	0.436	0.195	0.696	0.781
		0.140	24.00	24.00		0.011	22.00	22.00	Bottom Edge 10mm	0.140	0.011	0.151	0.018	0.279	0.090	0.448	0.520
CA_n14A+n77A	Ant.1	0.240	24.00	24.00	Ant.0	0.068	26.00	26.00	Front Side 10mm	0.240	0.068	0.308	0.103	0.349	0.062	0.760	0.719
		0.422	24.00	24.00		0.086	26.00	26.00	Back Side 10mm	0.422	0.086	0.508	0.100	0.179	0.041	0.787	0.728
		0.000	24.00	24.00		0.098	26.00	26.00	Left Edge 10mm	0.000	0.098	0.098	0.103	0.277	0.034	0.478	0.409
		0.160	24.00	24.00		0.050	26.00	26.00	Right Edge 10mm	0.160	0.050	0.210	0.043	0.167	0.023	0.420	0.400
		0.084	24.00	24.00		0.090	26.00	26.00	Top Edge 10mm	0.084	0.090	0.174	0.110	0.436	0.195	0.720	0.805
		0.140	24.00	24.00		0.051	26.00	26.00	Bottom Edge 10mm	0.140	0.051	0.191	0.018	0.279	0.090	0.488	0.560
CA_n30A+n66A	Ant.0	0.269	24.50	23.50	Ant.1	0.104	22.00	22.00	Front Side 10mm	0.214	0.104	0.318	0.103	0.349	0.062	0.770	0.729
		0.756	24.50	23.50		0.305	22.00	22.00	Back Side 10mm	0.601	0.305	0.906	0.100	0.179	0.041	1.185	1.126
		0.331	24.50	23.50		0.003	22.00	22.00	Left Edge 10mm	0.263	0.003	0.266	0.103	0.277	0.034	0.646	0.577
		0.000	24.50	23.50		0.631	22.00	22.00	Right Edge 10mm	0.000	0.631	0.631	0.043	0.167	0.023	0.841	0.821
		0.256	24.50	23.50		0.032	22.00	22.00	Top Edge 10mm	0.203	0.032	0.235	0.110	0.436	0.195	0.781	0.866
		0.040	24.50	23.50		0.107	22.00	22.00	Bottom Edge 10mm	0.032	0.107	0.139	0.018	0.279	0.090	0.436	0.508
CA_n30A+n77A	Ant.0	0.269	24.50	23.50	Ant.1	0.446	26.00	25.00	Front Side 10mm	0.214	0.354	0.568	0.103	0.349	0.062	1.020	0.979
		0.756	24.50	23.50		0.333	26.00	25.00	Back Side 10mm	0.601	0.265	0.865	0.100	0.179	0.041	1.144	1.085
		0.331	24.50	23.50		0.056	26.00	25.00	Left Edge 10mm	0.263	0.044	0.307	0.103	0.277	0.034	0.687	0.618
		0.000	24.50	23.50		0.756	26.00	25.00	Right Edge 10mm	0.000	0.601	0.601	0.043	0.167	0.023	0.811	0.791
		0.256	24.50	23.50		0.045	26.00	25.00	Top Edge 10mm	0.203	0.036	0.239	0.110	0.436	0.195	0.785	0.870
		0.040	24.50	23.50		0.471	26.00	25.00	Bottom Edge 10mm	0.032	0.374	0.406	0.018	0.279	0.090	0.703	0.775
CA_n66A+n77A	Ant.0	0.060	22.00	22.00	Ant.1	0.446	26.00	25.00	Front Side 10mm	0.060	0.354	0.414	0.103	0.349	0.062	0.866	0.825
		0.500	22.00	22.00		0.333	26.00	25.00	Back Side 10mm	0.500	0.265	0.765	0.100	0.179	0.041	1.044	0.985
		0.218	22.00	22.00		0.056	26.00	25.00	Left Edge 10mm	0.218	0.044	0.262	0.103	0.277	0.034	0.642	0.573
		0.007	22.00	22.00		0.756	26.00	25.00	Right Edge 10mm	0.007	0.601	0.608	0.043	0.167	0.023	0.818	0.798
		0.066	22.00	22.00		0.045	26.00	25.00	Top Edge 10mm	0.066	0.036	0.102	0.110	0.436	0.195	0.648	0.733
		0.011	22.00	22.00		0.471	26.00	25.00	Bottom Edge 10mm	0.011	0.374	0.385	0.018	0.279	0.090	0.682	0.754

Note:

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

2: The highest Summed 1g SAR is 1.505 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.6 Extremity Simultaneous Transmission SAR Evaluation for UL-NR CA and WLAN

Band	NR Band1 Antenna	SA NR Band1 SAR	SA NR Max Power	UL-CA NR Max Power	NR Band2 Antenna	SA NR Band2 SAR	SA NR Max Power	UL-CA NR Max Power	Position	Stand alone SAR						SUM SAR	
										Band1 SAR	Band2 SAR	1 UL-CA (Band1+ Band2)	2 2.4GWIFI Max.	3 5GWIFI Max.	4 6GWIFI Max.	1+2+3	1+3+4
CA_n2A+n5A	Ant.0	0.084	23.50	23.50	Ant.1	0.525	24.00	22.50	Front Side 0mm	0.084	0.372	0.456	0.222	0.448	0.145	1.126	1.049
		0.681	23.50	23.50		1.047	24.00	22.50	Back Side 0mm	0.681	0.741	1.422	0.466	0.223	0.065	2.111	1.710
		0.273	23.50	23.50		0.037	24.00	22.50	Left Edge 0mm	0.273	0.026	0.299	0.274	0.255	0.069	0.828	0.623
		0.010	23.50	23.50		1.152	24.00	22.50	Right Edge 0mm	0.010	0.816	0.826	0.089	0.239	0.035	1.154	1.100
		0.114	23.50	23.50		0.107	24.00	22.50	Top Edge 0mm	0.114	0.076	0.190	0.413	1.109	0.291	1.712	1.590
		0.011	23.50	23.50		0.455	24.00	22.50	Bottom Edge 0mm	0.011	0.322	0.333	0.048	0.720	0.136	1.101	1.189
CA_n2A+n14A	Ant.0	0.084	23.50	23.50	Ant.1	0.311	24.00	24.00	Front Side 0mm	0.084	0.311	0.395	0.222	0.448	0.145	1.065	0.988
		0.681	23.50	23.50		0.755	24.00	24.00	Back Side 0mm	0.681	0.755	1.436	0.466	0.223	0.065	2.125	1.724
		0.273	23.50	23.50		0.020	24.00	24.00	Left Edge 0mm	0.273	0.020	0.293	0.274	0.255	0.069	0.822	0.617
		0.010	23.50	23.50		0.684	24.00	24.00	Right Edge 0mm	0.010	0.684	0.694	0.089	0.239	0.035	1.022	0.968
		0.114	23.50	23.50		0.093	24.00	24.00	Top Edge 0mm	0.114	0.093	0.207	0.413	1.109	0.291	1.729	1.607
		0.011	23.50	23.50		0.267	24.00	24.00	Bottom Edge 0mm	0.011	0.267	0.278	0.048	0.720	0.136	1.046	1.134
CA_n2A+n66A	Ant.0	0.084	23.50	23.50	Ant.1	0.258	22.00	22.00	Front Side 0mm	0.084	0.258	0.342	0.222	0.448	0.145	1.012	0.935
		0.681	23.50	23.50		0.612	22.00	22.00	Back Side 0mm	0.681	0.612	1.293	0.466	0.223	0.065	1.982	1.581
		0.273	23.50	23.50		0.047	22.00	22.00	Left Edge 0mm	0.273	0.047	0.320	0.274	0.255	0.069	0.849	0.644
		0.010	23.50	23.50		1.016	22.00	22.00	Right Edge 0mm	0.010	1.016	1.026	0.089	0.239	0.035	1.354	1.300
		0.114	23.50	23.50		0.014	22.00	22.00	Top Edge 0mm	0.114	0.014	0.128	0.413	1.109	0.291	1.650	1.528
		0.011	23.50	23.50		0.198	22.00	22.00	Bottom Edge 0mm	0.011	0.198	0.209	0.048	0.720	0.136	0.977	1.065
CA_n2A+n77A	Ant.0	0.084	23.50	23.50	Ant.1	0.534	26.00	25.00	Front Side 0mm	0.084	0.424	0.508	0.222	0.448	0.145	1.178	1.101
		0.681	23.50	23.50		0.827	26.00	25.00	Back Side 0mm	0.681	0.657	1.338	0.466	0.223	0.065	2.027	1.626
		0.273	23.50	23.50		0.017	26.00	25.00	Left Edge 0mm	0.273	0.014	0.287	0.274	0.255	0.069	0.816	0.611
		0.010	23.50	23.50		1.528	26.00	25.00	Right Edge 0mm	0.010	1.214	1.224	0.089	0.239	0.035	1.552	1.498
		0.114	23.50	23.50		0.032	26.00	25.00	Top Edge 0mm	0.114	0.025	0.139	0.413	1.109	0.291	1.661	1.539
		0.011	23.50	23.50		0.618	26.00	25.00	Bottom Edge 0mm	0.011	0.491	0.502	0.048	0.720	0.136	1.270	1.358
CA_n5A+n30A	Ant.1	0.525	24.00	22.50	Ant.0	0.594	24.50	23.50	Front Side 0mm	0.372	0.472	0.844	0.222	0.448	0.145	1.514	1.437
		1.047	24.00	22.50		2.601	24.50	23.50	Back Side 0mm	0.741	2.066	2.807	0.466	0.223	0.065	3.496	3.095
		0.037	24.00	22.50		0.768	24.50	23.50	Left Edge 0mm	0.026	0.610	0.636	0.274	0.255	0.069	1.165	0.960
		1.152	24.00	22.50		0.000	24.50	23.50	Right Edge 0mm	0.816	0.000	0.816	0.089	0.239	0.035	1.144	1.090
		0.107	24.00	22.50		0.894	24.50	23.50	Top Edge 0mm	0.076	0.710	0.786	0.413	1.109	0.291	2.308	2.186
		0.455	24.00	22.50		0.071	24.50	23.50	Bottom Edge 0mm	0.322	0.056	0.379	0.048	0.720	0.136	1.147	1.235
CA_n5A+n66A	Ant.1	0.525	24.00	22.50	Ant.0	0.139	22.00	22.00	Front Side 0mm	0.372	0.139	0.511	0.222	0.448	0.145	1.181	1.104
		1.047	24.00	22.50		0.786	22.00	22.00	Back Side 0mm	0.741	0.786	1.527	0.466	0.223	0.065	2.216	1.815
		0.037	24.00	22.50		0.486	22.00	22.00	Left Edge 0mm	0.026	0.486	0.512	0.274	0.255	0.069	1.041	0.836
		1.152	24.00	22.50		0.005	22.00	22.00	Right Edge 0mm	0.816	0.005	0.821	0.089	0.239	0.035	1.149	1.095
		0.107	24.00	22.50		0.138	22.00	22.00	Top Edge 0mm	0.076	0.138	0.214	0.413	1.109	0.291	1.736	1.614
		0.455	24.00	22.50		0.029	22.00	22.00	Bottom Edge 0mm	0.322	0.029	0.351	0.048	0.720	0.136	1.119	1.207

CA_n5A+n77A	Ant.1	0.525	24.00	22.50	Ant.0	0.119	26.00	26.00	Front Side 0mm	0.372	0.119	0.491	0.222	0.448	0.145	1.161	1.084
		1.047	24.00	22.50		0.326	26.00	26.00	Back Side 0mm	0.741	0.326	1.067	0.466	0.223	0.065	1.756	1.355
		0.037	24.00	22.50		0.381	26.00	26.00	Left Edge 0mm	0.026	0.381	0.407	0.274	0.255	0.069	0.936	0.731
		1.152	24.00	22.50		0.016	26.00	26.00	Right Edge 0mm	0.816	0.016	0.832	0.089	0.239	0.035	1.160	1.106
		0.107	24.00	22.50		0.138	26.00	26.00	Top Edge 0mm	0.076	0.138	0.214	0.413	1.109	0.291	1.736	1.614
		0.455	24.00	22.50		0.015	26.00	26.00	Bottom Edge 0mm	0.322	0.015	0.337	0.048	0.720	0.136	1.105	1.193
CA_n14A+n30A	Ant.1	0.311	24.00	24.00	Ant.0	0.594	24.50	23.50	Front Side 0mm	0.311	0.472	0.783	0.222	0.448	0.145	1.453	1.376
		0.755	24.00	24.00		2.601	24.50	23.50	Back Side 0mm	0.755	2.066	2.821	0.466	0.223	0.065	**3.510**	3.109
		0.020	24.00	24.00		0.768	24.50	23.50	Left Edge 0mm	0.020	0.610	0.630	0.274	0.255	0.069	1.159	0.954
		0.684	24.00	24.00		0.000	24.50	23.50	Right Edge 0mm	0.684	0.000	0.684	0.089	0.239	0.035	1.012	0.958
		0.093	24.00	24.00		0.894	24.50	23.50	Top Edge 0mm	0.093	0.710	0.803	0.413	1.109	0.291	2.325	2.203
		0.267	24.00	24.00		0.071	24.50	23.50	Bottom Edge 0mm	0.267	0.056	0.323	0.048	0.720	0.136	1.091	1.179
CA_n14A+n66A	Ant.1	0.311	24.00	24.00	Ant.0	0.139	22.00	22.00	Front Side 0mm	0.311	0.139	0.450	0.222	0.448	0.145	1.120	1.043
		0.755	24.00	24.00		0.786	22.00	22.00	Back Side 0mm	0.755	0.786	1.541	0.466	0.223	0.065	2.230	1.829
		0.020	24.00	24.00		0.486	22.00	22.00	Left Edge 0mm	0.020	0.486	0.506	0.274	0.255	0.069	1.035	0.830
		0.684	24.00	24.00		0.005	22.00	22.00	Right Edge 0mm	0.684	0.005	0.689	0.089	0.239	0.035	1.017	0.963
		0.093	24.00	24.00		0.138	22.00	22.00	Top Edge 0mm	0.093	0.138	0.231	0.413	1.109	0.291	1.753	1.631
		0.267	24.00	24.00		0.029	22.00	22.00	Bottom Edge 0mm	0.267	0.029	0.296	0.048	0.720	0.136	1.064	1.152
CA_n14A+n77A	Ant.1	0.311	24.00	24.00	Ant.0	0.119	26.00	26.00	Front Side 0mm	0.311	0.119	0.430	0.222	0.448	0.145	1.100	1.023
		0.755	24.00	24.00		0.326	26.00	26.00	Back Side 0mm	0.755	0.326	1.081	0.466	0.223	0.065	1.770	1.369
		0.020	24.00	24.00		0.381	26.00	26.00	Left Edge 0mm	0.020	0.381	0.401	0.274	0.255	0.069	0.930	0.725
		0.684	24.00	24.00		0.016	26.00	26.00	Right Edge 0mm	0.684	0.016	0.700	0.089	0.239	0.035	1.028	0.974
		0.093	24.00	24.00		0.138	26.00	26.00	Top Edge 0mm	0.093	0.138	0.231	0.413	1.109	0.291	1.753	1.631
		0.267	24.00	24.00		0.015	26.00	26.00	Bottom Edge 0mm	0.267	0.015	0.282	0.048	0.720	0.136	1.050	1.138
CA_n30A+n66A	Ant.0	0.594	24.50	23.50	Ant.1	0.258	22.00	22.00	Front Side 0mm	0.472	0.258	0.730	0.222	0.448	0.145	1.400	1.323
		2.601	24.50	23.50		0.612	22.00	22.00	Back Side 0mm	2.066	0.612	2.678	0.466	0.223	0.065	3.367	2.966
		0.768	24.50	23.50		0.047	22.00	22.00	Left Edge 0mm	0.610	0.047	0.657	0.274	0.255	0.069	1.186	0.981
		0.000	24.50	23.50		1.016	22.00	22.00	Right Edge 0mm	0.000	1.016	1.016	0.089	0.239	0.035	1.344	1.290
		0.894	24.50	23.50		0.014	22.00	22.00	Top Edge 0mm	0.710	0.014	0.724	0.413	1.109	0.291	2.246	2.124
		0.071	24.50	23.50		0.198	22.00	22.00	Bottom Edge 0mm	0.056	0.198	0.254	0.048	0.720	0.136	1.022	1.110
CA_n30A+n77A	Ant.0	0.594	24.50	23.50	Ant.1	0.534	26.00	25.00	Front Side 0mm	0.472	0.424	0.896	0.222	0.448	0.145	1.566	1.489
		2.601	24.50	23.50		0.827	26.00	25.00	Back Side 0mm	2.066	0.657	2.723	0.466	0.223	0.065	3.412	3.011
		0.768	24.50	23.50		0.017	26.00	25.00	Left Edge 0mm	0.610	0.014	0.624	0.274	0.255	0.069	1.153	0.948
		0.000	24.50	23.50		1.528	26.00	25.00	Right Edge 0mm	0.000	1.214	1.214	0.089	0.239	0.035	1.542	1.488
		0.894	24.50	23.50		0.032	26.00	25.00	Top Edge 0mm	0.710	0.025	0.736	0.413	1.109	0.291	2.258	2.136
		0.071	24.50	23.50		0.618	26.00	25.00	Bottom Edge 0mm	0.056	0.491	0.547	0.048	0.720	0.136	1.315	1.403
CA_n66A+n77A	Ant.0	0.139	22.00	22.00	Ant.1	0.534	26.00	25.00	Front Side 0mm	0.139	0.424	0.563	0.222	0.448	0.145	1.233	1.156
		0.786	22.00	22.00		0.827	26.00	25.00	Back Side 0mm	0.786	0.657	1.443	0.466	0.223	0.065	2.132	1.731
		0.486	22.00	22.00		0.017	26.00	25.00	Left Edge 0mm	0.486	0.014	0.500	0.274	0.255	0.069	1.029	0.824
		0.005	22.00	22.00		1.528	26.00	25.00	Right Edge 0mm	0.005	1.214	1.219	0.089	0.239	0.035	1.547	1.493
		0.138	22.00	22.00		0.032	26.00	25.00	Top Edge 0mm	0.138	0.025	0.163	0.413	1.109	0.291	1.685	1.563
		0.029	22.00	22.00		0.618	26.00	25.00	Bottom Edge 0mm	0.029	0.491	0.520	0.048	0.720	0.136	1.288	1.376

Note:

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

2: The highest Summed 10g SAR is 3.510 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.7 Body-Worn&Hotspot Simultaneous Transmission SAR Evaluation for ENDC and WLAN

Band	LTE Antenna	4G		ENDC	NR Antenna	SA		ENDC	Position	Stand alone SAR						SUM SAR	
		LTE SAR	LTE Max Power	LTE Max Power		NR SAR	NR Max Power	NR Max Power		LTE SAR	NR SAR	1 ENDC (LTE+NR)	2 2.4GWIFI Max.	3 5GWIFI Max.	4 6GWIFI Max.	1+2+3	1+3+4
DC_5A+n2A	Ant.1	0.325	24.50	24.50	Ant.0	0.064	23.50	23.50	Front Side 10mm	0.325	0.064	0.389	0.103	0.349	0.062	0.841	0.800
		0.718	24.50	24.50		0.375	23.50	23.50	Back Side 10mm	0.718	0.375	1.093	0.100	0.179	0.041	**1.372**	1.313
		0.000	24.50	24.50		0.202	23.50	23.50	Left Edge 10mm	0.000	0.202	0.202	0.103	0.277	0.034	0.582	0.513
		0.273	24.50	24.50		0.006	23.50	23.50	Right Edge 10mm	0.273	0.006	0.279	0.043	0.167	0.023	0.489	0.469
		0.000	24.50	24.50		0.091	23.50	23.50	Top Edge 10mm	0.000	0.091	0.091	0.110	0.436	0.195	0.637	0.722
		0.267	24.50	24.50		0.001	23.50	23.50	Bottom Edge 10mm	0.267	0.001	0.268	0.018	0.279	0.090	0.565	0.637
DC_12A+n2A	Ant.1	0.303	24.50	24.50	Ant.0	0.064	23.50	23.50	Front Side 10mm	0.303	0.064	0.367	0.103	0.349	0.062	0.819	0.778
		0.323	24.50	24.50		0.375	23.50	23.50	Back Side 10mm	0.323	0.375	0.698	0.100	0.179	0.041	0.977	0.918
		0.000	24.50	24.50		0.202	23.50	23.50	Left Edge 10mm	0.000	0.202	0.202	0.103	0.277	0.034	0.582	0.513
		0.153	24.50	24.50		0.006	23.50	23.50	Right Edge 10mm	0.153	0.006	0.159	0.043	0.167	0.023	0.369	0.349
		0.155	24.50	24.50		0.091	23.50	23.50	Top Edge 10mm	0.155	0.091	0.246	0.110	0.436	0.195	0.792	0.877
		0.194	24.50	24.50		0.001	23.50	23.50	Bottom Edge 10mm	0.194	0.001	0.195	0.018	0.279	0.090	0.492	0.564
DC_14A+n2A	Ant.1	0.184	24.50	24.50	Ant.0	0.064	23.50	23.50	Front Side 10mm	0.184	0.064	0.248	0.103	0.349	0.062	0.700	0.659
		0.385	24.50	24.50		0.375	23.50	23.50	Back Side 10mm	0.385	0.375	0.760	0.100	0.179	0.041	1.039	0.980
		0.000	24.50	24.50		0.202	23.50	23.50	Left Edge 10mm	0.000	0.202	0.202	0.103	0.277	0.034	0.582	0.513
		0.162	24.50	24.50		0.006	23.50	23.50	Right Edge 10mm	0.162	0.006	0.168	0.043	0.167	0.023	0.378	0.358
		0.000	24.50	24.50		0.091	23.50	23.50	Top Edge 10mm	0.000	0.091	0.091	0.110	0.436	0.195	0.637	0.722
		0.123	24.50	24.50		0.001	23.50	23.50	Bottom Edge 10mm	0.123	0.001	0.124	0.018	0.279	0.090	0.421	0.493
DC_30A+n2A	Ant.0	0.141	24.00	24.00	Ant.1	0.120	22.00	22.00	Front Side 10mm	0.141	0.120	0.261	0.103	0.349	0.062	0.713	0.672
		0.407	24.00	24.00		0.305	22.00	22.00	Back Side 10mm	0.407	0.305	0.712	0.100	0.179	0.041	0.991	0.932
		0.223	24.00	24.00		0.002	22.00	22.00	Left Edge 10mm	0.223	0.002	0.225	0.103	0.277	0.034	0.605	0.536
		0.000	24.00	24.00		0.492	22.00	22.00	Right Edge 10mm	0.000	0.492	0.492	0.043	0.167	0.023	0.702	0.682
		0.177	24.00	24.00		0.015	22.00	22.00	Top Edge 10mm	0.177	0.015	0.192	0.110	0.436	0.195	0.738	0.823
		0.000	24.00	24.00		0.081	22.00	22.00	Bottom Edge 10mm	0.000	0.081	0.081	0.018	0.279	0.090	0.378	0.450
DC_66A+n2A	Ant.0	0.059	22.00	22.00	Ant.1	0.120	22.00	22.00	Front Side 10mm	0.059	0.120	0.179	0.103	0.349	0.062	0.631	0.590
		0.463	22.00	22.00		0.305	22.00	22.00	Back Side 10mm	0.463	0.305	0.768	0.100	0.179	0.041	1.047	0.988
		0.191	22.00	22.00		0.002	22.00	22.00	Left Edge 10mm	0.191	0.002	0.193	0.103	0.277	0.034	0.573	0.504
		0.006	22.00	22.00		0.492	22.00	22.00	Right Edge 10mm	0.006	0.492	0.498	0.043	0.167	0.023	0.708	0.688
		0.074	22.00	22.00		0.015	22.00	22.00	Top Edge 10mm	0.074	0.015	0.089	0.110	0.436	0.195	0.635	0.720
		0.004	22.00	22.00		0.081	22.00	22.00	Bottom Edge 10mm	0.004	0.081	0.085	0.018	0.279	0.090	0.382	0.454
DC_2A+n5A	Ant.0	0.075	24.00	24.00	Ant.1	0.504	24.00	22.50	Front Side 10mm	0.075	0.357	0.432	0.103	0.349	0.062	0.884	0.843
		0.358	24.00	24.00		0.883	24.00	22.50	Back Side 10mm	0.358	0.625	0.983	0.100	0.179	0.041	1.262	1.203
		0.180	24.00	24.00		0.000	24.00	22.50	Left Edge 10mm	0.180	0.000	0.180	0.103	0.277	0.034	0.560	0.491
		0.000	24.00	24.00		0.373	24.00	22.50	Right Edge 10mm	0.000	0.264	0.264	0.043	0.167	0.023	0.474	0.454
		0.096	24.00	24.00		0.149	24.00	22.50	Top Edge 10mm	0.096	0.105	0.201	0.110	0.436	0.195	0.747	0.832
		0.019	24.00	24.00		0.304	24.00	22.50	Bottom Edge 10mm	0.019	0.215	0.234	0.018	0.279	0.090	0.531	0.603

DC_30A+n5A	Ant.0	0.141	24.00	24.00	Ant.1	0.504	24.00	22.50	Front Side 10mm	0.141	0.357	0.498	0.103	0.349	0.062	0.950	0.909
		0.407	24.00	24.00		0.883	24.00	22.50	Back Side 10mm	0.407	0.625	1.032	0.100	0.179	0.041	1.311	1.252
		0.223	24.00	24.00		0.000	24.00	22.50	Left Edge 10mm	0.223	0.000	0.223	0.103	0.277	0.034	0.603	0.534
		0.000	24.00	24.00		0.373	24.00	22.50	Right Edge 10mm	0.000	0.264	0.264	0.043	0.167	0.023	0.474	0.454
		0.177	24.00	24.00		0.149	24.00	22.50	Top Edge 10mm	0.177	0.105	0.282	0.110	0.436	0.195	0.828	0.913
		0.000	24.00	24.00		0.304	24.00	22.50	Bottom Edge 10mm	0.000	0.215	0.215	0.018	0.279	0.090	0.512	0.584
DC_66A+n5A	Ant.0	0.059	22.00	22.00	Ant.1	0.504	24.00	22.50	Front Side 10mm	0.059	0.357	0.416	0.103	0.349	0.062	0.868	0.827
		0.463	22.00	22.00		0.883	24.00	22.50	Back Side 10mm	0.463	0.625	1.088	0.100	0.179	0.041	1.367	1.308
		0.191	22.00	22.00		0.000	24.00	22.50	Left Edge 10mm	0.191	0.000	0.191	0.103	0.277	0.034	0.571	0.502
		0.006	22.00	22.00		0.373	24.00	22.50	Right Edge 10mm	0.006	0.264	0.270	0.043	0.167	0.023	0.480	0.460
		0.074	22.00	22.00		0.149	24.00	22.50	Top Edge 10mm	0.074	0.105	0.179	0.110	0.436	0.195	0.725	0.810
		0.004	22.00	22.00		0.304	24.00	22.50	Bottom Edge 10mm	0.004	0.215	0.219	0.018	0.279	0.090	0.516	0.588
DC_2A+n66A	Ant.0	0.075	24.00	24.00	Ant.1	0.104	22.00	22.00	Front Side 10mm	0.075	0.104	0.179	0.103	0.349	0.062	0.631	0.590
		0.358	24.00	24.00		0.305	22.00	22.00	Back Side 10mm	0.358	0.305	0.663	0.100	0.179	0.041	0.942	0.883
		0.180	24.00	24.00		0.003	22.00	22.00	Left Edge 10mm	0.180	0.003	0.183	0.103	0.277	0.034	0.563	0.494
		0.000	24.00	24.00		0.631	22.00	22.00	Right Edge 10mm	0.000	0.631	0.631	0.043	0.167	0.023	0.841	0.821
		0.096	24.00	24.00		0.032	22.00	22.00	Top Edge 10mm	0.096	0.032	0.128	0.110	0.436	0.195	0.674	0.759
		0.019	24.00	24.00		0.107	22.00	22.00	Bottom Edge 10mm	0.019	0.107	0.126	0.018	0.279	0.090	0.423	0.495
DC_12A+n66A	Ant.1	0.303	24.50	24.50	Ant.0	0.060	22.00	22.00	Front Side 10mm	0.303	0.060	0.363	0.103	0.349	0.062	0.815	0.774
		0.323	24.50	24.50		0.500	22.00	22.00	Back Side 10mm	0.323	0.500	0.823	0.100	0.179	0.041	1.102	1.043
		0.000	24.50	24.50		0.218	22.00	22.00	Left Edge 10mm	0.000	0.218	0.218	0.103	0.277	0.034	0.598	0.529
		0.153	24.50	24.50		0.007	22.00	22.00	Right Edge 10mm	0.153	0.007	0.160	0.043	0.167	0.023	0.370	0.350
		0.155	24.50	24.50		0.066	22.00	22.00	Top Edge 10mm	0.155	0.066	0.221	0.110	0.436	0.195	0.767	0.852
		0.194	24.50	24.50		0.011	22.00	22.00	Bottom Edge 10mm	0.194	0.011	0.205	0.018	0.279	0.090	0.502	0.574
DC_14A+n66A	Ant.1	0.184	24.50	24.50	Ant.0	0.060	22.00	22.00	Front Side 10mm	0.184	0.060	0.244	0.103	0.349	0.062	0.696	0.655
		0.385	24.50	24.50		0.500	22.00	22.00	Back Side 10mm	0.385	0.500	0.885	0.100	0.179	0.041	1.164	1.105
		0.000	24.50	24.50		0.218	22.00	22.00	Left Edge 10mm	0.000	0.218	0.218	0.103	0.277	0.034	0.598	0.529
		0.162	24.50	24.50		0.007	22.00	22.00	Right Edge 10mm	0.162	0.007	0.169	0.043	0.167	0.023	0.379	0.359
		0.000	24.50	24.50		0.066	22.00	22.00	Top Edge 10mm	0.000	0.066	0.066	0.110	0.436	0.195	0.612	0.697
		0.123	24.50	24.50		0.011	22.00	22.00	Bottom Edge 10mm	0.123	0.011	0.134	0.018	0.279	0.090	0.431	0.503
DC_30A+n66A	Ant.0	0.141	24.00	24.00	Ant.1	0.104	22.00	22.00	Front Side 10mm	0.141	0.104	0.245	0.103	0.349	0.062	0.697	0.656
		0.407	24.00	24.00		0.305	22.00	22.00	Back Side 10mm	0.407	0.305	0.712	0.100	0.179	0.041	0.991	0.932
		0.223	24.00	24.00		0.003	22.00	22.00	Left Edge 10mm	0.223	0.003	0.226	0.103	0.277	0.034	0.606	0.537
		0.000	24.00	24.00		0.631	22.00	22.00	Right Edge 10mm	0.000	0.631	0.631	0.043	0.167	0.023	0.841	0.821
		0.177	24.00	24.00		0.032	22.00	22.00	Top Edge 10mm	0.177	0.032	0.209	0.110	0.436	0.195	0.755	0.840
		0.000	24.00	24.00		0.107	22.00	22.00	Bottom Edge 10mm	0.000	0.107	0.107	0.018	0.279	0.090	0.404	0.476
DC_2A+n77A	Ant.0	0.075	24.00	24.00	Ant.1	0.446	26.00	25.00	Front Side 10mm	0.075	0.354	0.429	0.103	0.349	0.062	0.881	0.840
		0.358	24.00	24.00		0.333	26.00	25.00	Back Side 10mm	0.358	0.265	0.623	0.100	0.179	0.041	0.902	0.843
		0.180	24.00	24.00		0.056	26.00	25.00	Left Edge 10mm	0.180	0.044	0.224	0.103	0.277	0.034	0.604	0.535
		0.000	24.00	24.00		0.756	26.00	25.00	Right Edge 10mm	0.000	0.601	0.601	0.043	0.167	0.023	0.811	0.791
		0.096	24.00	24.00		0.045	26.00	25.00	Top Edge 10mm	0.096	0.036	0.132	0.110	0.436	0.195	0.678	0.763
		0.019	24.00	24.00		0.471	26.00	25.00	Bottom Edge 10mm	0.019	0.374	0.393	0.018	0.279	0.090	0.690	0.762
DC_5A+n77A	Ant.1	0.325	24.50	24.50	Ant.0	0.068	26.00	26.00	Front Side 10mm	0.325	0.068	0.393	0.103	0.349	0.062	0.845	0.804

		0.718	24.50	24.50		0.086	26.00	26.00	Back Side 10mm	0.718	0.086	0.804	0.100	0.179	0.041	1.083	1.024
		0.000	24.50	24.50		0.098	26.00	26.00	Left Edge 10mm	0.000	0.098	0.098	0.103	0.277	0.034	0.478	0.409
		0.273	24.50	24.50		0.050	26.00	26.00	Right Edge 10mm	0.273	0.050	0.323	0.043	0.167	0.023	0.533	0.513
		0.000	24.50	24.50		0.090	26.00	26.00	Top Edge 10mm	0.000	0.090	0.090	0.110	0.436	0.195	0.636	0.721
		0.267	24.50	24.50		0.051	26.00	26.00	Bottom Edge 10mm	0.267	0.051	0.318	0.018	0.279	0.090	0.615	0.687
DC_66A+n77A	Ant.0	0.059	22.00	22.00	Ant.1	0.446	26.00	25.00	Front Side 10mm	0.059	0.354	0.413	0.103	0.349	0.062	0.865	0.824
		0.463	22.00	22.00		0.333	26.00	25.00	Back Side 10mm	0.463	0.265	0.728	0.100	0.179	0.041	1.007	0.948
		0.191	22.00	22.00		0.056	26.00	25.00	Left Edge 10mm	0.191	0.044	0.235	0.103	0.277	0.034	0.615	0.546
		0.006	22.00	22.00		0.756	26.00	25.00	Right Edge 10mm	0.006	0.601	0.607	0.043	0.167	0.023	0.817	0.797
		0.074	22.00	22.00		0.045	26.00	25.00	Top Edge 10mm	0.074	0.036	0.110	0.110	0.436	0.195	0.656	0.741
		0.004	22.00	22.00		0.471	26.00	25.00	Bottom Edge 10mm	0.004	0.374	0.378	0.018	0.279	0.090	0.675	0.747
DC_30A+n77A	Ant.0	0.141	24.00	24.00	Ant.1	0.446	26.00	25.00	Front Side 10mm	0.141	0.354	0.495	0.103	0.349	0.062	0.947	0.906
		0.407	24.00	24.00		0.333	26.00	25.00	Back Side 10mm	0.407	0.265	0.672	0.100	0.179	0.041	0.951	0.892
		0.223	24.00	24.00		0.056	26.00	25.00	Left Edge 10mm	0.223	0.044	0.267	0.103	0.277	0.034	0.647	0.578
		0.000	24.00	24.00		0.756	26.00	25.00	Right Edge 10mm	0.000	0.601	0.601	0.043	0.167	0.023	0.811	0.791
		0.177	24.00	24.00		0.045	26.00	25.00	Top Edge 10mm	0.177	0.036	0.213	0.110	0.436	0.195	0.759	0.844
		0.000	24.00	24.00		0.471	26.00	25.00	Bottom Edge 10mm	0.000	0.374	0.374	0.018	0.279	0.090	0.671	0.743
DC_12A+n77A	Ant.1	0.303	24.50	24.50	Ant.0	0.068	26.00	26.00	Front Side 10mm	0.303	0.068	0.371	0.103	0.349	0.062	0.823	0.782
		0.323	24.50	24.50		0.086	26.00	26.00	Back Side 10mm	0.323	0.086	0.409	0.100	0.179	0.041	0.688	0.629
		0.000	24.50	24.50		0.098	26.00	26.00	Left Edge 10mm	0.000	0.098	0.098	0.103	0.277	0.034	0.478	0.409
		0.153	24.50	24.50		0.050	26.00	26.00	Right Edge 10mm	0.153	0.050	0.203	0.043	0.167	0.023	0.413	0.393
		0.155	24.50	24.50		0.090	26.00	26.00	Top Edge 10mm	0.155	0.090	0.245	0.110	0.436	0.195	0.791	0.876
		0.194	24.50	24.50		0.051	26.00	26.00	Bottom Edge 10mm	0.194	0.051	0.245	0.018	0.279	0.090	0.542	0.614
DC_14A+n77A	Ant.1	0.184	24.50	24.50	Ant.0	0.068	26.00	26.00	Front Side 10mm	0.184	0.068	0.252	0.103	0.349	0.062	0.704	0.663
		0.385	24.50	24.50		0.086	26.00	26.00	Back Side 10mm	0.385	0.086	0.471	0.100	0.179	0.041	0.750	0.691
		0.000	24.50	24.50		0.098	26.00	26.00	Left Edge 10mm	0.000	0.098	0.098	0.103	0.277	0.034	0.478	0.409
		0.162	24.50	24.50		0.050	26.00	26.00	Right Edge 10mm	0.162	0.050	0.212	0.043	0.167	0.023	0.422	0.402
		0.000	24.50	24.50		0.090	26.00	26.00	Top Edge 10mm	0.000	0.090	0.090	0.110	0.436	0.195	0.636	0.721
		0.123	24.50	24.50		0.051	26.00	26.00	Bottom Edge 10mm	0.123	0.051	0.174	0.018	0.279	0.090	0.471	0.543

Note:

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

2: The highest Summed 1g SAR is 1.372 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.8 Extremity Simultaneous Transmission SAR Evaluation for ENDC and WLAN

Band	LTE Antenna	4G		ENDC	NR Antenna	SA		ENDC	Position	Stand alone SAR						SUM SAR	
		LTE SAR	LTE Max Power	LTE Max Power		NR SAR	NR Max Power	NR Max Power		LTE SAR	NR SAR	1 ENDC (LTE+NR)	2 2.4GWIFI Max.	3 5GWIFI Max.	4 6GWIFI Max.	1+2+3	1+3+4
DC_5A+n2A	Ant.1	0.771	24.50	24.50	Ant.0	0.084	23.50	23.50	Front Side 0mm	0.771	0.084	0.855	0.222	0.448	0.145	1.525	1.448
		1.468	24.50	24.50		0.681	23.50	23.50	Back Side 0mm	1.468	0.681	2.149	0.466	0.223	0.065	2.838	2.437
		0.029	24.50	24.50		0.273	23.50	23.50	Left Edge 0mm	0.029	0.273	0.302	0.274	0.255	0.069	0.831	0.626
		1.346	24.50	24.50		0.010	23.50	23.50	Right Edge 0mm	1.346	0.010	1.356	0.089	0.239	0.035	1.684	1.630
		0.094	24.50	24.50		0.114	23.50	23.50	Top Edge 0mm	0.094	0.114	0.208	0.413	1.109	0.291	1.730	1.608
		0.784	24.50	24.50		0.011	23.50	23.50	Bottom Edge 0mm	0.784	0.011	0.795	0.048	0.720	0.136	1.563	1.651
DC_12A+n2A	Ant.1	0.341	24.50	24.50	Ant.0	0.084	23.50	23.50	Front Side 0mm	0.341	0.084	0.425	0.222	0.448	0.145	1.095	1.018
		1.022	24.50	24.50		0.681	23.50	23.50	Back Side 0mm	1.022	0.681	1.703	0.466	0.223	0.065	2.392	1.991
		0.034	24.50	24.50		0.273	23.50	23.50	Left Edge 0mm	0.034	0.273	0.307	0.274	0.255	0.069	0.836	0.631
		0.993	24.50	24.50		0.010	23.50	23.50	Right Edge 0mm	0.993	0.010	1.003	0.089	0.239	0.035	1.331	1.277
		0.109	24.50	24.50		0.114	23.50	23.50	Top Edge 0mm	0.109	0.114	0.223	0.413	1.109	0.291	1.745	1.623
		0.380	24.50	24.50		0.011	23.50	23.50	Bottom Edge 0mm	0.380	0.011	0.391	0.048	0.720	0.136	1.159	1.247
DC_14A+n2A	Ant.1	0.358	24.50	24.50	Ant.0	0.084	23.50	23.50	Front Side 0mm	0.358	0.084	0.442	0.222	0.448	0.145	1.112	1.035
		0.833	24.50	24.50		0.681	23.50	23.50	Back Side 0mm	0.833	0.681	1.514	0.466	0.223	0.065	2.203	1.802
		0.000	24.50	24.50		0.273	23.50	23.50	Left Edge 0mm	0.000	0.273	0.273	0.274	0.255	0.069	0.802	0.597
		0.748	24.50	24.50		0.010	23.50	23.50	Right Edge 0mm	0.748	0.010	0.758	0.089	0.239	0.035	1.086	1.032
		0.064	24.50	24.50		0.114	23.50	23.50	Top Edge 0mm	0.064	0.114	0.178	0.413	1.109	0.291	1.700	1.578
		0.285	24.50	24.50		0.011	23.50	23.50	Bottom Edge 0mm	0.285	0.011	0.296	0.048	0.720	0.136	1.064	1.152
DC_30A+n2A	Ant.0	0.567	24.00	24.00	Ant.1	0.171	22.00	22.00	Front Side 0mm	0.567	0.171	0.738	0.222	0.448	0.145	1.408	1.331
		1.785	24.00	24.00		0.379	22.00	22.00	Back Side 0mm	1.785	0.379	2.164	0.466	0.223	0.065	2.853	2.452
		0.816	24.00	24.00		0.025	22.00	22.00	Left Edge 0mm	0.816	0.025	0.841	0.274	0.255	0.069	1.370	1.165
		0.000	24.00	24.00		0.552	22.00	22.00	Right Edge 0mm	0.000	0.552	0.552	0.089	0.239	0.035	0.880	0.826
		0.969	24.00	24.00		0.012	22.00	22.00	Top Edge 0mm	0.969	0.012	0.981	0.413	1.109	0.291	2.503	2.381
		0.008	24.00	24.00		0.126	22.00	22.00	Bottom Edge 0mm	0.008	0.126	0.134	0.048	0.720	0.136	0.902	0.990
DC_66A+n2A	Ant.0	0.102	22.00	22.00	Ant.1	0.171	22.00	22.00	Front Side 0mm	0.102	0.171	0.273	0.222	0.448	0.145	0.943	0.866
		0.693	22.00	22.00		0.379	22.00	22.00	Back Side 0mm	0.693	0.379	1.072	0.466	0.223	0.065	1.761	1.360
		0.419	22.00	22.00		0.025	22.00	22.00	Left Edge 0mm	0.419	0.025	0.444	0.274	0.255	0.069	0.973	0.768
		0.004	22.00	22.00		0.552	22.00	22.00	Right Edge 0mm	0.004	0.552	0.556	0.089	0.239	0.035	0.884	0.830
		0.137	22.00	22.00		0.012	22.00	22.00	Top Edge 0mm	0.137	0.012	0.149	0.413	1.109	0.291	1.671	1.549
		0.020	22.00	22.00		0.126	22.00	22.00	Bottom Edge 0mm	0.020	0.126	0.146	0.048	0.720	0.136	0.914	1.002
DC_2A+n5A	Ant.0	0.078	24.00	24.00	Ant.1	0.525	24.00	22.50	Front Side 0mm	0.078	0.372	0.450	0.222	0.448	0.145	1.120	1.043
		0.706	24.00	24.00		1.047	24.00	22.50	Back Side 0mm	0.706	0.741	1.447	0.466	0.223	0.065	2.136	1.735
		0.292	24.00	24.00		0.037	24.00	22.50	Left Edge 0mm	0.292	0.026	0.318	0.274	0.255	0.069	0.847	0.642
		0.003	24.00	24.00		1.152	24.00	22.50	Right Edge 0mm	0.003	0.816	0.819	0.089	0.239	0.035	1.147	1.093
		0.147	24.00	24.00		0.107	24.00	22.50	Top Edge 0mm	0.147	0.076	0.223	0.413	1.109	0.291	1.745	1.623
		0.035	24.00	24.00		0.455	24.00	22.50	Bottom Edge 0mm	0.035	0.322	0.357	0.048	0.720	0.136	1.125	1.213
DC_30A+n5A	Ant.0	0.567	24.00	24.00	Ant.1	0.525	24.00	22.50	Front Side 0mm	0.567	0.372	0.939	0.222	0.448	0.145	1.609	1.532

		1.785	24.00	24.00		1.047	24.00	22.50	Back Side 0mm	1.785	0.741	2.526	0.466	0.223	0.065	**3.215**	2.814
		0.816	24.00	24.00		0.037	24.00	22.50	Left Edge 0mm	0.816	0.026	0.842	0.274	0.255	0.069	1.371	1.166
		0.000	24.00	24.00		1.152	24.00	22.50	Right Edge 0mm	0.000	0.816	0.816	0.089	0.239	0.035	1.144	1.090
		0.969	24.00	24.00		0.107	24.00	22.50	Top Edge 0mm	0.969	0.076	1.045	0.413	1.109	0.291	2.567	2.445
		0.008	24.00	24.00		0.455	24.00	22.50	Bottom Edge 0mm	0.008	0.322	0.330	0.048	0.720	0.136	1.098	1.186
DC_66A+n5A	Ant.0	0.102	22.00	22.00	Ant.1	0.525	24.00	22.50	Front Side 0mm	0.102	0.372	0.474	0.222	0.448	0.145	1.144	1.067
		0.693	22.00	22.00		1.047	24.00	22.50	Back Side 0mm	0.693	0.741	1.434	0.466	0.223	0.065	2.123	1.722
		0.419	22.00	22.00		0.037	24.00	22.50	Left Edge 0mm	0.419	0.026	0.445	0.274	0.255	0.069	0.974	0.769
		0.004	22.00	22.00		1.152	24.00	22.50	Right Edge 0mm	0.004	0.816	0.820	0.089	0.239	0.035	1.148	1.094
		0.137	22.00	22.00		0.107	24.00	22.50	Top Edge 0mm	0.137	0.076	0.213	0.413	1.109	0.291	1.735	1.613
		0.020	22.00	22.00		0.455	24.00	22.50	Bottom Edge 0mm	0.020	0.322	0.342	0.048	0.720	0.136	1.110	1.198
DC_2A+n66A	Ant.0	0.078	24.00	24.00	Ant.1	0.258	22.00	22.00	Front Side 0mm	0.078	0.258	0.336	0.222	0.448	0.145	1.006	0.929
		0.706	24.00	24.00		0.612	22.00	22.00	Back Side 0mm	0.706	0.612	1.318	0.466	0.223	0.065	2.007	1.606
		0.292	24.00	24.00		0.047	22.00	22.00	Left Edge 0mm	0.292	0.047	0.339	0.274	0.255	0.069	0.868	0.663
		0.003	24.00	24.00		1.016	22.00	22.00	Right Edge 0mm	0.003	1.016	1.019	0.089	0.239	0.035	1.347	1.293
		0.147	24.00	24.00		0.014	22.00	22.00	Top Edge 0mm	0.147	0.014	0.161	0.413	1.109	0.291	1.683	1.561
		0.035	24.00	24.00		0.198	22.00	22.00	Bottom Edge 0mm	0.035	0.198	0.233	0.048	0.720	0.136	1.001	1.089
DC_12A+n66A	Ant.1	0.341	24.50	24.50	Ant.0	0.139	22.00	22.00	Front Side 0mm	0.341	0.139	0.480	0.222	0.448	0.145	1.150	1.073
		1.022	24.50	24.50		0.786	22.00	22.00	Back Side 0mm	1.022	0.786	1.808	0.466	0.223	0.065	2.497	2.096
		0.034	24.50	24.50		0.486	22.00	22.00	Left Edge 0mm	0.034	0.486	0.520	0.274	0.255	0.069	1.049	0.844
		0.993	24.50	24.50		0.005	22.00	22.00	Right Edge 0mm	0.993	0.005	0.998	0.089	0.239	0.035	1.326	1.272
		0.109	24.50	24.50		0.138	22.00	22.00	Top Edge 0mm	0.109	0.138	0.247	0.413	1.109	0.291	1.769	1.647
		0.380	24.50	24.50		0.029	22.00	22.00	Bottom Edge 0mm	0.380	0.029	0.409	0.048	0.720	0.136	1.177	1.265
DC_14A+n66A	Ant.1	0.358	24.50	24.50	Ant.0	0.139	22.00	22.00	Front Side 0mm	0.358	0.139	0.497	0.222	0.448	0.145	1.167	1.090
		0.833	24.50	24.50		0.786	22.00	22.00	Back Side 0mm	0.833	0.786	1.619	0.466	0.223	0.065	2.308	1.907
		0.000	24.50	24.50		0.486	22.00	22.00	Left Edge 0mm	0.000	0.486	0.486	0.274	0.255	0.069	1.015	0.810
		0.748	24.50	24.50		0.005	22.00	22.00	Right Edge 0mm	0.748	0.005	0.753	0.089	0.239	0.035	1.081	1.027
		0.064	24.50	24.50		0.138	22.00	22.00	Top Edge 0mm	0.064	0.138	0.202	0.413	1.109	0.291	1.724	1.602
		0.285	24.50	24.50		0.029	22.00	22.00	Bottom Edge 0mm	0.285	0.029	0.314	0.048	0.720	0.136	1.082	1.170
DC_30A+n66A	Ant.0	0.567	24.00	24.00	Ant.1	0.258	22.00	22.00	Front Side 0mm	0.567	0.258	0.825	0.222	0.448	0.145	1.495	1.418
		1.785	24.00	24.00		0.612	22.00	22.00	Back Side 0mm	1.785	0.612	2.397	0.466	0.223	0.065	3.086	2.685
		0.816	24.00	24.00		0.047	22.00	22.00	Left Edge 0mm	0.816	0.047	0.863	0.274	0.255	0.069	1.392	1.187
		0.000	24.00	24.00		1.016	22.00	22.00	Right Edge 0mm	0.000	1.016	1.016	0.089	0.239	0.035	1.344	1.290
		0.969	24.00	24.00		0.014	22.00	22.00	Top Edge 0mm	0.969	0.014	0.983	0.413	1.109	0.291	2.505	2.383
		0.008	24.00	24.00		0.198	22.00	22.00	Bottom Edge 0mm	0.008	0.198	0.206	0.048	0.720	0.136	0.974	1.062
DC_2A+n77A	Ant.0	0.078	24.00	24.00	Ant.1	0.534	26.00	25.00	Front Side 0mm	0.078	0.424	0.502	0.222	0.448	0.145	1.172	1.095
		0.706	24.00	24.00		0.827	26.00	25.00	Back Side 0mm	0.706	0.657	1.363	0.466	0.223	0.065	2.052	1.651
		0.292	24.00	24.00		0.017	26.00	25.00	Left Edge 0mm	0.292	0.014	0.306	0.274	0.255	0.069	0.835	0.630
		0.003	24.00	24.00		1.528	26.00	25.00	Right Edge 0mm	0.003	1.214	1.217	0.089	0.239	0.035	1.545	1.491
		0.147	24.00	24.00		0.032	26.00	25.00	Top Edge 0mm	0.147	0.025	0.172	0.413	1.109	0.291	1.694	1.572
		0.035	24.00	24.00		0.618	26.00	25.00	Bottom Edge 0mm	0.035	0.491	0.526	0.048	0.720	0.136	1.294	1.382
DC_5A+n77A	Ant.1	0.771	24.50	24.50	Ant.0	0.119	26.00	26.00	Front Side 0mm	0.771	0.119	0.890	0.222	0.448	0.145	1.560	1.483
		1.468	24.50	24.50		0.326	26.00	26.00	Back Side 0mm	1.468	0.326	1.794	0.466	0.223	0.065	2.483	2.082

		0.029	24.50	24.50		0.381	26.00	26.00	Left Edge 0mm	0.029	0.381	0.410	0.274	0.255	0.069	0.939	0.734
		1.346	24.50	24.50		0.016	26.00	26.00	Right Edge 0mm	1.346	0.016	1.362	0.089	0.239	0.035	1.690	1.636
		0.094	24.50	24.50		0.138	26.00	26.00	Top Edge 0mm	0.094	0.138	0.232	0.413	1.109	0.291	1.754	1.632
		0.784	24.50	24.50		0.015	26.00	26.00	Bottom Edge 0mm	0.784	0.015	0.799	0.048	0.720	0.136	1.567	1.655
DC_66A+n77A	Ant.0	0.102	22.00	22.00	Ant.1	0.534	26.00	25.00	Front Side 0mm	0.102	0.424	0.526	0.222	0.448	0.145	1.196	1.119
		0.693	22.00	22.00		0.827	26.00	25.00	Back Side 0mm	0.693	0.657	1.350	0.466	0.223	0.065	2.039	1.638
		0.419	22.00	22.00		0.017	26.00	25.00	Left Edge 0mm	0.419	0.014	0.433	0.274	0.255	0.069	0.962	0.757
		0.004	22.00	22.00		1.528	26.00	25.00	Right Edge 0mm	0.004	1.214	1.218	0.089	0.239	0.035	1.546	1.492
		0.137	22.00	22.00		0.032	26.00	25.00	Top Edge 0mm	0.137	0.025	0.162	0.413	1.109	0.291	1.684	1.562
		0.020	22.00	22.00		0.618	26.00	25.00	Bottom Edge 0mm	0.020	0.491	0.511	0.048	0.720	0.136	1.279	1.367
DC_30A+n77A	Ant.0	0.567	24.00	24.00	Ant.1	0.534	26.00	25.00	Front Side 0mm	0.567	0.424	0.991	0.222	0.448	0.145	1.661	1.584
		1.785	24.00	24.00		0.827	26.00	25.00	Back Side 0mm	1.785	0.657	2.442	0.466	0.223	0.065	3.131	2.730
		0.816	24.00	24.00		0.017	26.00	25.00	Left Edge 0mm	0.816	0.014	0.830	0.274	0.255	0.069	1.359	1.154
		0.000	24.00	24.00		1.528	26.00	25.00	Right Edge 0mm	0.000	1.214	1.214	0.089	0.239	0.035	1.542	1.488
		0.969	24.00	24.00		0.032	26.00	25.00	Top Edge 0mm	0.969	0.025	0.994	0.413	1.109	0.291	2.516	2.394
		0.008	24.00	24.00		0.618	26.00	25.00	Bottom Edge 0mm	0.008	0.491	0.499	0.048	0.720	0.136	1.267	1.355
DC_12A+n77A	Ant.1	0.341	24.50	24.50	Ant.0	0.119	26.00	26.00	Front Side 0mm	0.341	0.119	0.460	0.222	0.448	0.145	1.130	1.053
		1.022	24.50	24.50		0.326	26.00	26.00	Back Side 0mm	1.022	0.326	1.348	0.466	0.223	0.065	2.037	1.636
		0.034	24.50	24.50		0.381	26.00	26.00	Left Edge 0mm	0.034	0.381	0.415	0.274	0.255	0.069	0.944	0.739
		0.993	24.50	24.50		0.016	26.00	26.00	Right Edge 0mm	0.993	0.016	1.009	0.089	0.239	0.035	1.337	1.283
		0.109	24.50	24.50		0.138	26.00	26.00	Top Edge 0mm	0.109	0.138	0.247	0.413	1.109	0.291	1.769	1.647
		0.380	24.50	24.50		0.015	26.00	26.00	Bottom Edge 0mm	0.380	0.015	0.395	0.048	0.720	0.136	1.163	1.251
DC_14A+n77A	Ant.1	0.358	24.50	24.50	Ant.0	0.119	26.00	26.00	Front Side 0mm	0.358	0.119	0.477	0.222	0.448	0.145	1.147	1.070
		0.833	24.50	24.50		0.326	26.00	26.00	Back Side 0mm	0.833	0.326	1.159	0.466	0.223	0.065	1.848	1.447
		0.000	24.50	24.50		0.381	26.00	26.00	Left Edge 0mm	0.000	0.381	0.381	0.274	0.255	0.069	0.910	0.705
		0.748	24.50	24.50		0.016	26.00	26.00	Right Edge 0mm	0.748	0.016	0.764	0.089	0.239	0.035	1.092	1.038
		0.064	24.50	24.50		0.138	26.00	26.00	Top Edge 0mm	0.064	0.138	0.202	0.413	1.109	0.291	1.724	1.602
		0.285	24.50	24.50		0.015	26.00	26.00	Bottom Edge 0mm	0.285	0.015	0.300	0.048	0.720	0.136	1.068	1.156

Note:

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

2: The highest Summed 10g SAR is 3.215 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.9 Body-Worn&Hotspot Simultaneous Transmission SAR Evaluation for UL-NR MIMO and WLAN

Band	NR Band1 Antenna	SA		UL-MIMO	NR Band2 Antenna	SA		UL-MIMO	Position	Stand alone SAR						SUM SAR	
		NR Band1 SAR	NR Max Power	NR Max Power		NR Band2 SAR	NR Max Power	NR Max Power		Band1 SAR	Band2 SAR	1	2	3	4		
												UL-MIMO (Band1+Band2)	2.4GWIFI Max.	5GWIFI Max.	6GWIFI Max.	1+2+3	1+3+4
NR UL MIMO n77	Ant.0	0.068	26.00	23.00	Ant.1	0.446	26.00	25.00	Front Side 10mm	0.034	0.354	0.388	0.103	0.349	0.062	**0.840**	0.799
		0.086	26.00	23.00		0.333	26.00	25.00	Back Side 10mm	0.043	0.265	0.308	0.100	0.179	0.041	0.587	0.528
		0.098	26.00	23.00		0.056	26.00	25.00	Left Edge 10mm	0.049	0.044	0.094	0.103	0.277	0.034	0.474	0.405
		0.050	26.00	23.00		0.756	26.00	25.00	Right Edge 10mm	0.025	0.601	0.626	0.043	0.167	0.023	0.836	0.816
		0.090	26.00	23.00		0.045	26.00	25.00	Top Edge 10mm	0.045	0.036	0.081	0.110	0.436	0.195	0.627	0.712
		0.051	26.00	23.00		0.471	26.00	25.00	Bottom Edge 10mm	0.026	0.374	0.400	0.018	0.279	0.090	0.697	0.769

Note:

1: The simultaneous transmission combinations of the multiple 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 0.840 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.10 Extremity Simultaneous Transmission SAR Evaluation for UL-NR MIMO and WLAN

Band	NR Band1 Antenna	SA		UL-MIMO	NR Band2 Antenna	SA		UL-MIMO	Position	Stand alone SAR						SUM SAR	
		NR Band1 SAR	NR Max Power	NR Max Power		NR Band2 SAR	NR Max Power	NR Max Power		Band1 SAR	Band2 SAR	1	2	3	4		
												UL-MIMO (Band1+Band2)	2.4GWIFI Max.	5GWIFI Max.	6GWIFI Max.	1+2+3	1+3+4
NR UL MIMO n77	Ant.0	0.119	26.00	23.00	Ant.1	0.534	26.00	25.00	Front Side 0mm	0.060	0.424	0.484	0.222	0.448	0.145	1.154	1.077
		0.326	26.00	23.00		0.827	26.00	25.00	Back Side 0mm	0.163	0.657	0.820	0.466	0.223	0.065	1.509	1.108
		0.381	26.00	23.00		0.017	26.00	25.00	Left Edge 0mm	0.191	0.014	0.204	0.274	0.255	0.069	0.733	0.528
		0.016	26.00	23.00		1.528	26.00	25.00	Right Edge 0mm	0.008	1.214	1.222	0.089	0.239	0.035	1.550	1.496
		0.138	26.00	23.00		0.032	26.00	25.00	Top Edge 0mm	0.069	0.025	0.095	0.413	1.109	0.291	**1.617**	1.495
		0.015	26.00	23.00		0.618	26.00	25.00	Bottom Edge 0mm	0.008	0.491	0.498	0.048	0.720	0.136	1.266	1.354

Note:

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

2: The highest Summed 10g SAR is 1.617 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

13 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY5	52.8.8.1222	N/A	N/A
Test Software	Speag	DASY8	16.2.2.1588	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1208	2024/08/19	2027/08/18
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2024/05/08	2027/05/07
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2024/05/08	2027/05/07
1950MHz Validation Dipole	Speag	D1950V3	SN: 1240	2024/08/22	2027/08/21
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2024/05/07	2027/05/06
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2024/05/08	2027/05/07
3500MHz Validation Dipole	Speag	D3500V2	SN: 1129	2024/07/19	2027/07/18
3700MHz Validation Dipole	Speag	D3700V2	SN: 1101	2024/07/18	2027/07/17
3900MHz Validation Dipole	Speag	D3900V2	SN: 1077	2024/07/19	2027/07/18
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2024/05/09	2027/05/08
6.5GHz Validation Dipole	Speag	D6.5GHzV2	SN: 1037	2024/05/28	2027/05/27
Data Acquisition Electronicsr	Speag	DAE4	SN: 1711	2024/03/18	2025/03/17
Data Acquisition Electronicsr	Speag	DAE4	SN: 1710	2024/01/03	2025/01/02
E-Field Probe	Speag	EX3DV4	SN: 7893	2024/09/05	2025/09/04
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
Wireless Communication Test Set	Anritsu	MT8820C	6201502974	2024/08/01	2025/07/31
Network Analyzer	Agilent	E5071C	MY46103472	2023/11/14	2024/11/13
Network Analyzer	Agilent	E5071C	MY46103472	2024/09/11	2025/09/10
Thermometer	Elitech	RC-4	EF5238001628	2023/10/09	2024/10/08
Thermometer	Elitech	RC-4HC	EF7239002652	2023/11/17	2024/11/16
Thermometer	Elitech	RC-4	EF5238001629	2023/10/09	2024/10/08
Thermometer	Elitech	RC-4HC	EF7239002655	2023/11/17	2024/11/16
Thermometer	Elitech	RC-4HC	EF7216002985	2024/10/31	2025/10/30
Thermometer	Elitech	RC-4HC	EF720B004811	2024/10/31	2025/10/30
Power Amplifier	SATIMO	6552B	22374	N/A	N/A
Dielectric Probe Kit	Speag	DAK3.5	SN: 1312	N/A	N/A
Phantom	Speag	SAM	SN: 1859	N/A	N/A

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
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 (%)
2024.09.09	Head	750	21.6	0.91	41.40	0.89	41.94	2.25	-1.29
2024.09.10	Head	750	21.5	0.87	42.77	0.89	41.94	-2.25	1.98
2024.09.11	Head	835	21.3	0.90	41.81	0.90	41.50	0.00	0.75
2024.09.12	Head	835	21.2	0.88	41.58	0.90	41.50	-2.22	0.19
2024.09.13	Head	835	21.2	0.93	41.04	0.90	41.50	3.33	-1.11
2024.09.14	Head	1750	21.4	1.40	40.32	1.37	40.08	2.19	0.60
2024.09.15	Head	1750	21.5	1.37	39.04	1.37	40.08	0.00	-2.59
2024.09.16	Head	1750	21.7	1.39	39.79	1.37	40.08	1.46	-0.72
2024.09.17	Head	1750	21.5	1.40	39.46	1.37	40.08	2.19	-1.55
2024.09.18	Head	1750	21.7	1.40	41.03	1.37	40.08	2.19	2.37
2024.12.29	Head	1750	21.3	1.36	40.16	1.37	40.08	-0.73	0.20
2024.09.19	Head	1950	21.3	1.44	39.24	1.40	40.00	2.86	-1.90
2024.09.20	Head	1950	21.6	1.40	39.52	1.40	40.00	0.00	-1.20
2024.09.21	Head	1950	21.5	1.41	38.71	1.40	40.00	0.71	-3.23
2024.09.22	Head	1950	21.4	1.44	40.83	1.40	40.00	2.86	2.08
2024.09.23	Head	1950	21.6	1.45	38.94	1.40	40.00	3.57	-2.65
2024.12.30	Head	1950	21.3	1.40	40.27	1.40	40.00	0.00	0.68
2024.09.24	Head	2450	21.2	1.79	38.84	1.80	39.20	-0.56	-0.92
2024.09.25	Head	2450	21.2	1.84	38.23	1.80	39.20	2.22	-2.47
2024.09.26	Head	2450	21.7	1.85	39.91	1.80	39.20	2.78	1.81
2024.09.27	Head	2600	21.7	2.03	37.95	1.96	39.01	3.57	-2.72
2024.09.28	Head	2600	21.5	1.95	37.86	1.96	39.01	-0.51	-2.95
2024.09.29	Head	2600	21.6	2.00	39.33	1.96	39.01	2.04	0.82
2024.09.30	Head	3500	21.3	2.84	38.75	2.91	37.93	-2.41	2.16
2024.10.08	Head	3700	21.3	3.14	38.09	3.12	37.70	0.64	1.03
2024.10.09	Head	3700	21.5	3.17	37.52	3.12	37.70	1.60	-0.48
2024.10.10	Head	3900	21.4	3.22	36.96	3.32	37.47	-3.01	-1.36
2024.10.11	Head	5250	21.3	4.58	35.50	4.71	35.93	-2.76	-1.20
2024.10.12	Head	5600	21.2	4.90	35.71	5.07	35.53	-3.35	0.51
2024.10.13	Head	5750	21.2	5.17	34.88	5.22	35.36	-0.96	-1.36
2024.11.18	Head	6500	21.2	6.11	34.21	6.07	34.46	0.66	-0.73
2024.11.19	Head	6500	21.6	6.07	34.15	6.07	34.46	0.00	-0.90
2024.11.20	Head	6500	21.0	5.99	34.61	6.07	34.46	-1.32	0.44
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 (%)
2024.09.09	Head	750	100	0.85	8.53	8.46	0.83
2024.09.10	Head	750	100	0.85	8.54	8.46	0.95
2024.09.11	Head	835	100	0.96	9.61	9.74	-1.33
2024.09.12	Head	835	100	0.96	9.58	9.74	-1.64
2024.09.13	Head	835	100	0.96	9.55	9.74	-1.95
2024.09.14	Head	1750	100	3.79	37.90	37.00	2.43
2024.09.15	Head	1750	100	3.74	37.40	37.00	1.08
2024.09.16	Head	1750	100	3.76	37.60	37.00	1.62
2024.09.17	Head	1750	100	3.77	37.70	37.00	1.89
2024.09.18	Head	1750	100	3.74	37.40	37.00	1.08
2024.12.29	Head	1750	100	3.76	37.60	37.00	1.62
2024.09.19	Head	1950	100	4.16	41.60	41.70	-0.24
2024.09.20	Head	1950	100	4.12	41.20	41.70	-1.20
2024.09.21	Head	1950	100	4.15	41.50	41.70	-0.48
2024.09.22	Head	1950	100	4.18	41.80	41.70	0.24
2024.09.23	Head	1950	100	4.19	41.90	41.70	0.48
2024.12.30	Head	1950	100	4.16	41.60	41.70	-0.24
2024.09.24	Head	2450	100	5.36	53.60	52.60	1.90
2024.09.25	Head	2450	100	5.34	53.40	52.60	1.52
2024.09.26	Head	2450	100	5.28	52.80	52.60	0.38
2024.09.27	Head	2600	100	5.47	54.70	55.90	-2.15
2024.09.28	Head	2600	100	5.45	54.50	55.90	-2.50
2024.09.29	Head	2600	100	5.42	54.20	55.90	-3.04
2024.09.30	Head	3500	100	6.88	68.80	68.00	1.18
2024.10.08	Head	3700	100	6.74	67.40	66.70	1.05
2024.10.09	Head	3700	100	6.76	67.60	66.70	1.35
2024.10.10	Head	3900	100	6.82	68.20	67.60	0.89
2024.10.11	Head	5250	100	7.85	78.50	77.70	1.03
2024.10.12	Head	5600	100	8.23	82.30	81.30	1.23
2024.10.13	Head	5750	100	7.75	77.50	77.60	-0.13
2024.11.18	Head	6500	100	29.20	292.00	299.00	-2.34
2024.11.19	Head	6500	100	29.80	298.00	299.00	-0.33
2024.11.20	Head	6500	100	30.20	302.00	299.00	1.00
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 (%)
2024.09.09	750	100	0.55	5.52	5.70	-3.16
2024.09.10	750	100	0.56	5.55	5.70	-2.63
2024.09.11	835	100	0.63	6.27	6.43	-2.49
2024.09.12	835	100	0.62	6.24	6.43	-2.95
2024.09.13	835	100	0.62	6.21	6.43	-3.42
2024.09.14	1750	100	1.99	19.90	19.70	1.02
2024.09.15	1750	100	1.95	19.50	19.70	-1.02
2024.09.16	1750	100	1.91	19.10	19.70	-3.05
2024.09.17	1750	100	1.95	19.50	19.70	-1.02
2024.09.18	1750	100	1.96	19.60	19.70	-0.51
2024.12.29	1750	100	1.98	19.80	19.70	0.51
2024.09.19	1950	100	2.08	20.80	21.70	-4.15
2024.09.20	1950	100	2.05	20.50	21.70	-5.53
2024.09.21	1950	100	2.07	20.70	21.70	-4.61
2024.09.22	1950	100	2.09	20.90	21.70	-3.69
2024.09.23	1950	100	2.08	20.80	21.70	-4.15
2024.12.30	1950	100	2.09	20.90	21.70	-3.69
2024.09.24	2450	100	2.56	25.60	24.70	3.64
2024.09.25	2450	100	2.52	25.20	24.70	2.02
2024.09.26	2450	100	2.46	24.60	24.70	-0.40
2024.09.27	2600	100	2.57	25.70	25.40	1.18
2024.09.28	2600	100	2.55	25.50	25.40	0.39
2024.09.29	2600	100	2.51	25.10	25.40	-1.18
2024.09.30	3500	100	2.66	26.60	26.10	1.92
2024.10.08	3700	100	2.49	24.90	24.60	1.22
2024.10.09	3700	100	2.53	25.30	24.60	2.85
2024.10.10	3900	100	2.37	23.70	23.60	0.42
2024.10.11	5250	100	2.21	22.10	22.00	0.45
2024.10.12	5600	100	2.38	23.80	23.10	3.03
2024.10.13	5750	100	2.16	21.60	21.90	-1.37
2024.11.18	6500	100	5.43	54.30	55.20	-1.63
2024.11.19	6500	100	5.45	54.50	55.20	-1.27
2024.11.20	6500	100	5.480	54.80	55.20	-0.72
Note: The tolerance limit of System validation ±10%.						

System Performance Check Data (750MHz)

Date: 2024.09.09

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

Medium parameters used (extrapolated): f = 750 MHz; σ = 0.913 S/m; ε_r = 41.399; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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) = 0.858 W/kg

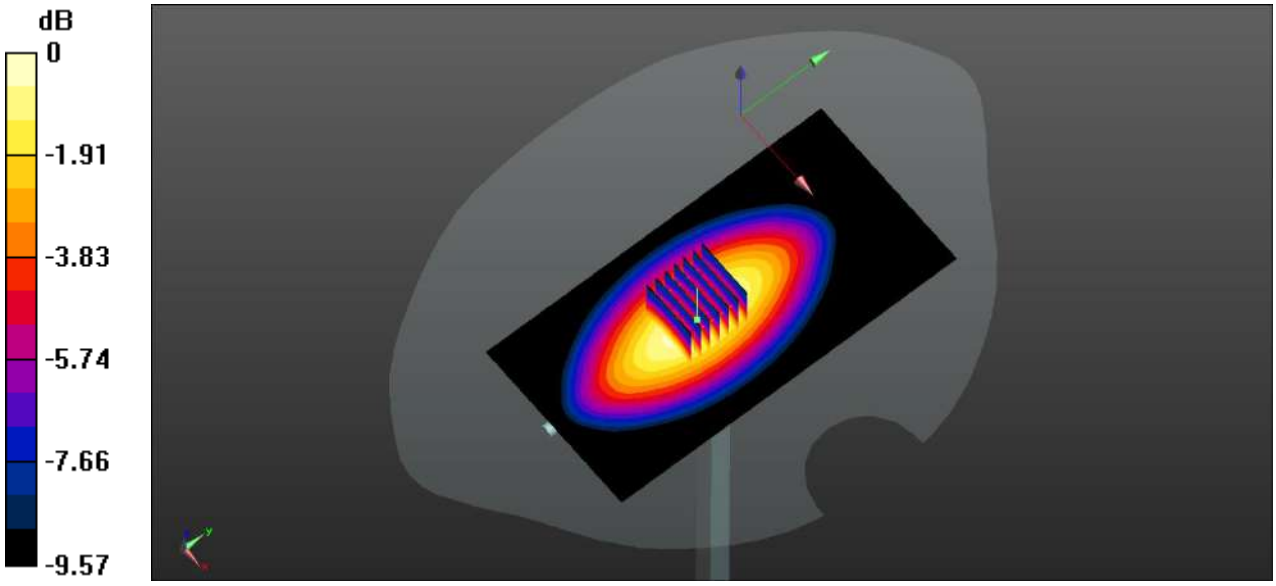
CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.52 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.552 W/kg

Maximum value of SAR (measured) = 0.861 W/kg



0 dB = 0.861 W/kg

System Performance Check Data (750MHz)

Date: 2024.09.10

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

Medium parameters used (extrapolated): f = 750 MHz; σ = 0.866 S/m; ε_r = 42.77; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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) = 0.907 W/kg

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

Reference Value = 31.05 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (measured) = 0.875 W/kg

0 dB = 0.875 W/kg

System Performance Check Data (835MHz)

Date: 2024.09.11

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

Medium parameters used: f = 835 MHz; σ = 0.898 S/m; ε_r = 41.811; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

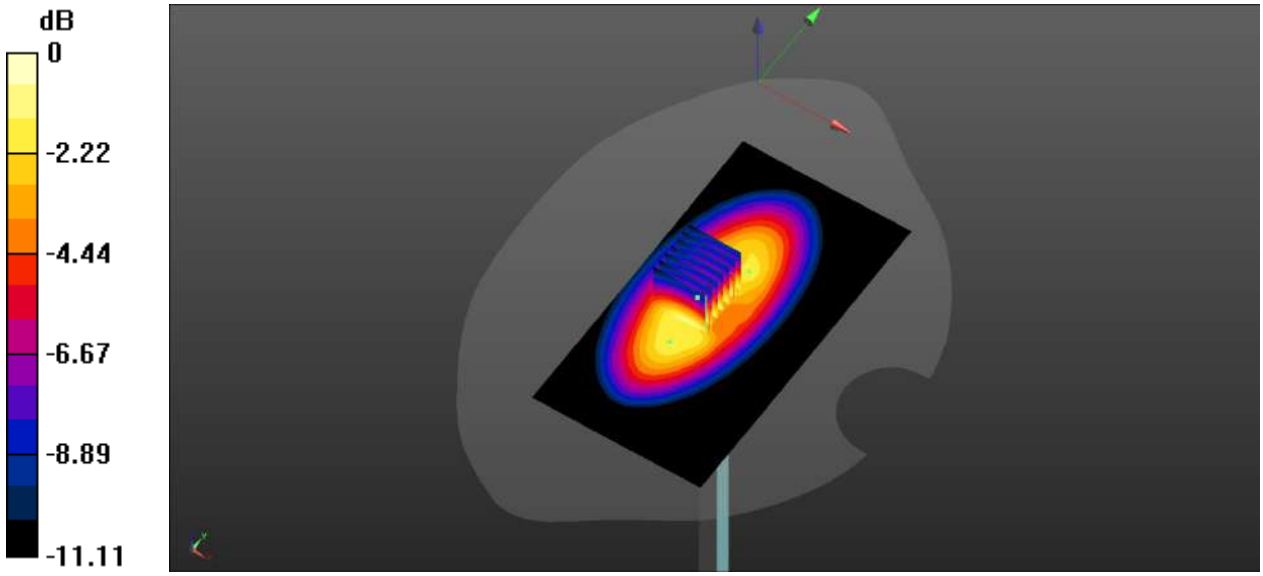
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.14 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.627 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

System Performance Check Data (835MHz)

Date: 2024.09.12

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

Medium parameters used: f = 835 MHz; σ = 0.878 S/m; ε_r = 41.583; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ 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 Sn1711; Calibrated: 2024.03.18
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

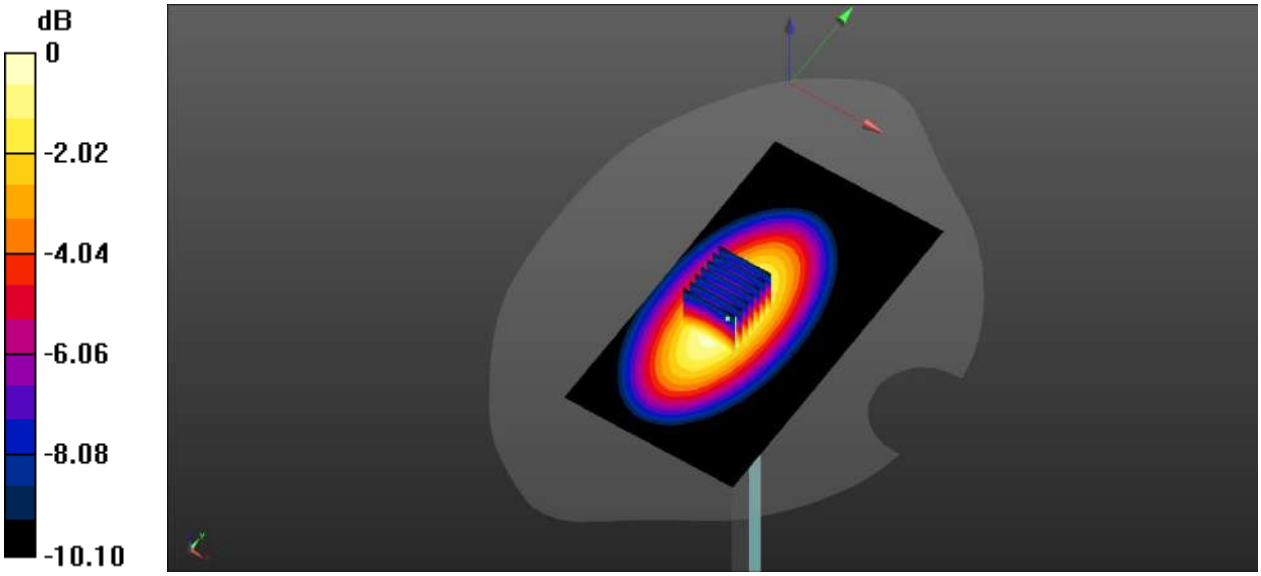
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.64 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.624 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg

System Performance Check Data (835MHz)

Date: 2024.09.13

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

Medium parameters used: f = 835 MHz; σ = 0.925 S/m; ε_r = 41.039; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ 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 Sn1711; Calibrated: 2024.03.18
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

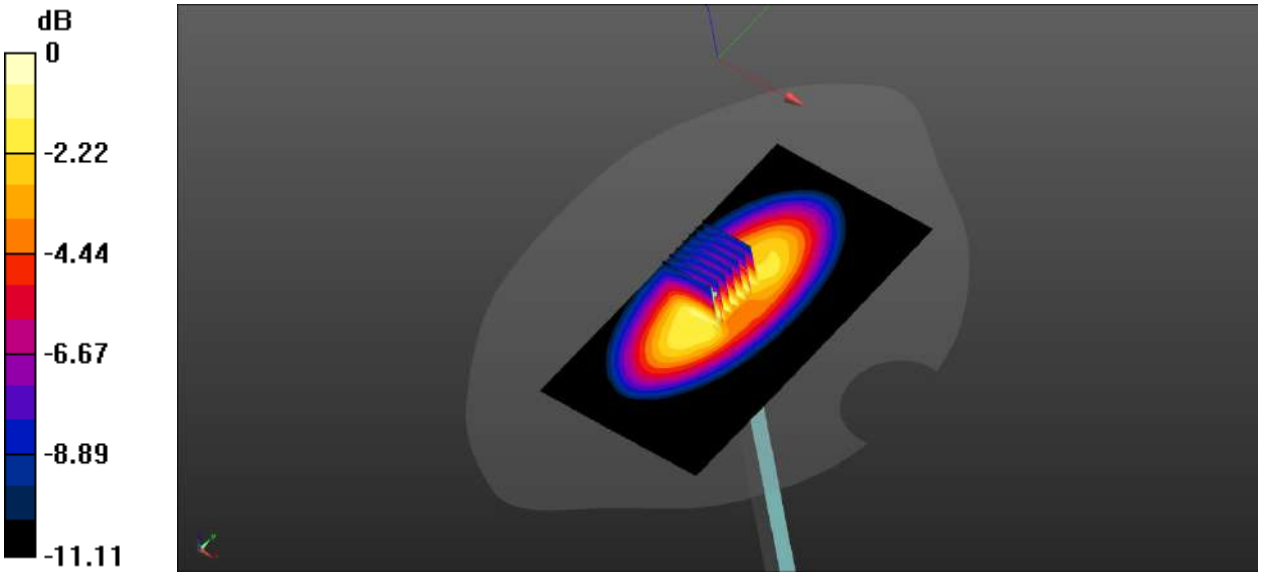
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.63 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.621 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg

System Performance Check Data (1750MHz)

Date: 2024.09.14

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

Medium parameters used (interpolated): f = 1750 MHz; σ = 1.401 S/m; ε_r = 40.317; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.43 W/kg

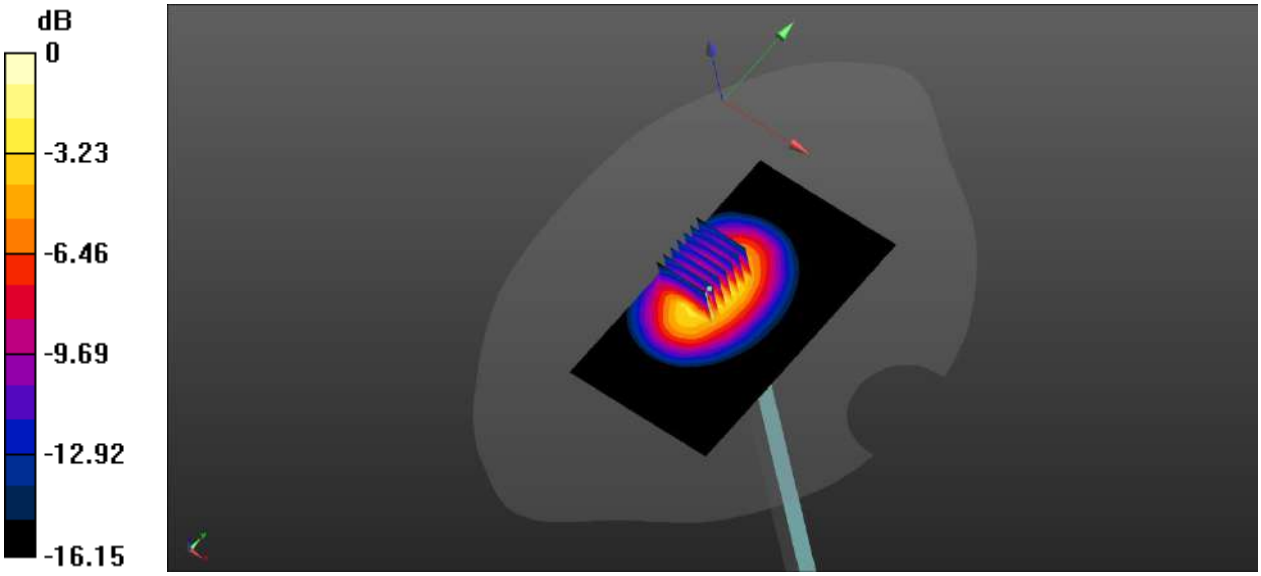
CW1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.25 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 6.58 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.99 W/kg

Maximum value of SAR (measured) = 4.56 W/kg



0 dB = 4.56 W/kg

System Performance Check Data (1750MHz)

Date: 2024.09.15

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

Medium parameters used: f = 1750 MHz; σ = 1.367 S/m; ε_r = 39.037; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.26 W/kg

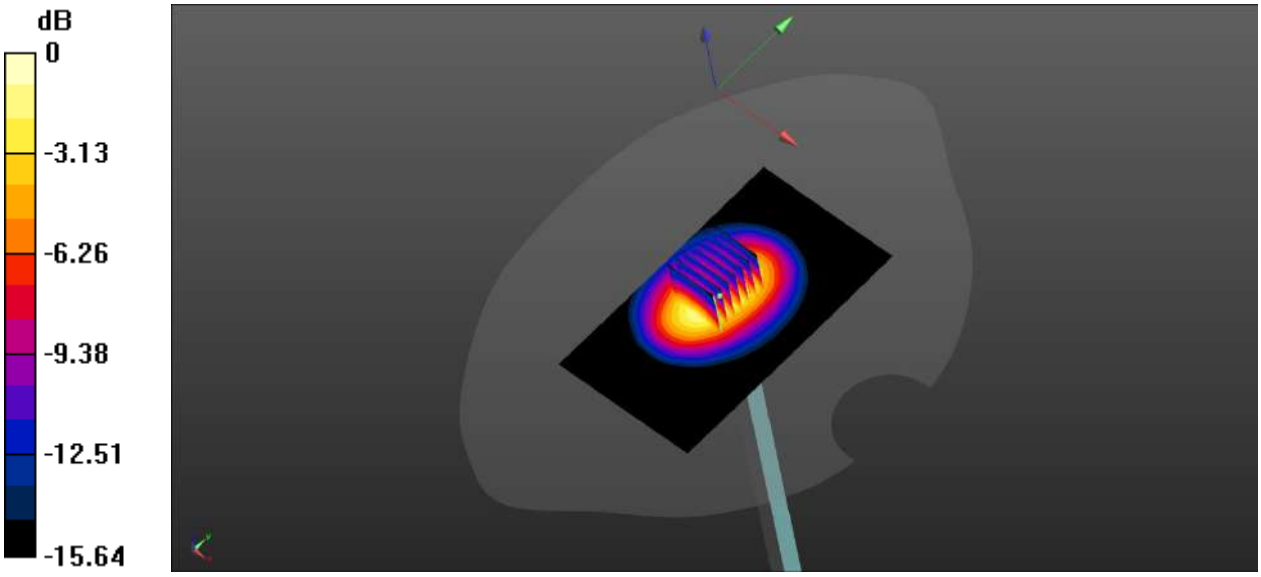
CW1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 39.25 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.23 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.95 W/kg

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



0 dB = 4.21 W/kg

System Performance Check Data (1750MHz)

Date: 2024.09.16

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

Medium parameters used (interpolated): f = 1750 MHz; σ = 1.39 S/m; ε_r = 39.787; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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) = 4.36 W/kg

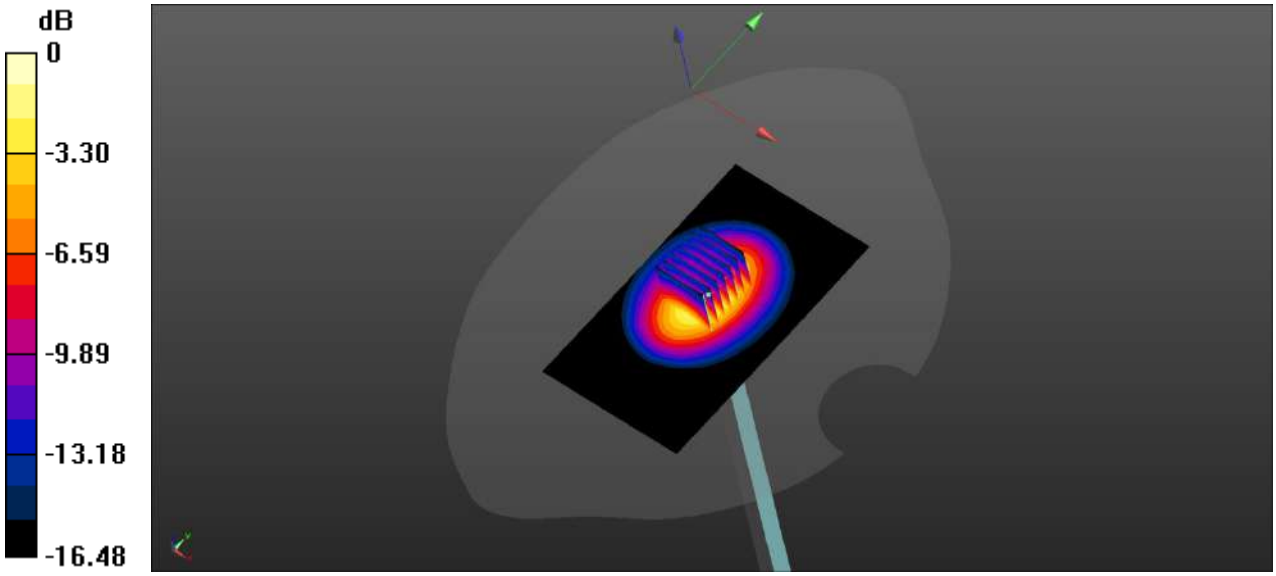
CW 1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.08 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.45 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.91 W/kg

Maximum value of SAR (measured) = 4.38 W/kg



0 dB = 4.38 W/kg

System Performance Check Data (1750MHz)

Date: 2024.09.17

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

Medium parameters used: f = 1750 MHz; σ = 1.398 S/m; ε_r = 39.458; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.39 W/kg

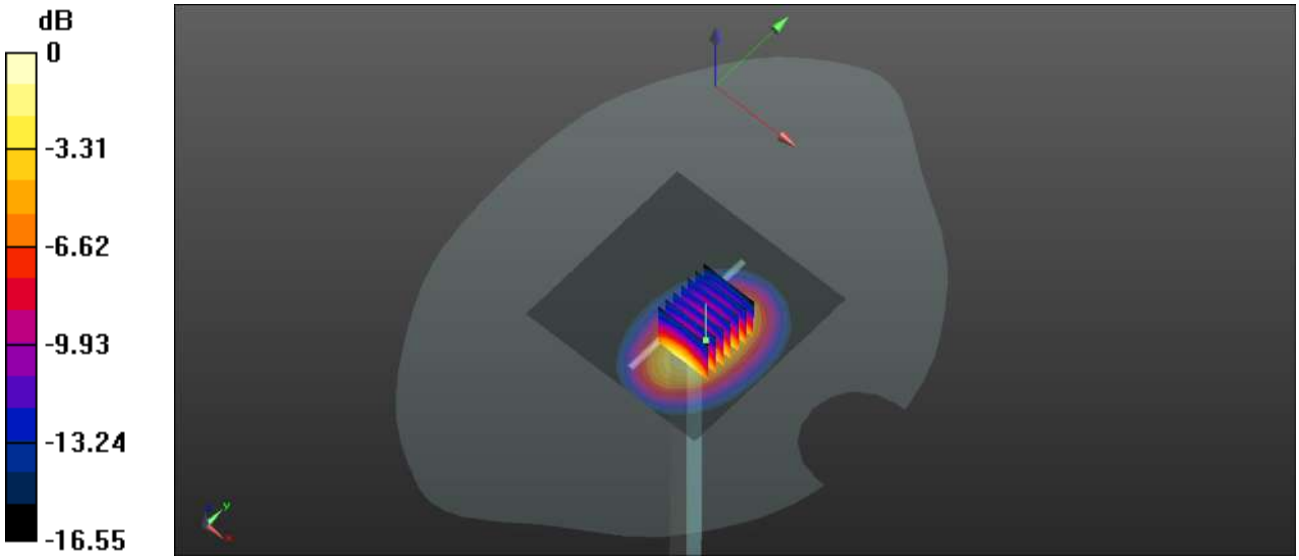
CW1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.06 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.13 W/kg

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

Maximum value of SAR (measured) = 4.38 W/kg



0 dB = 4.38 W/kg

System Performance Check Data (1750MHz)

Date: 2024.09.18

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

Medium parameters used: f = 1750 MHz; σ = 1.398 S/m; ε_r = 41.034; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.97 W/kg

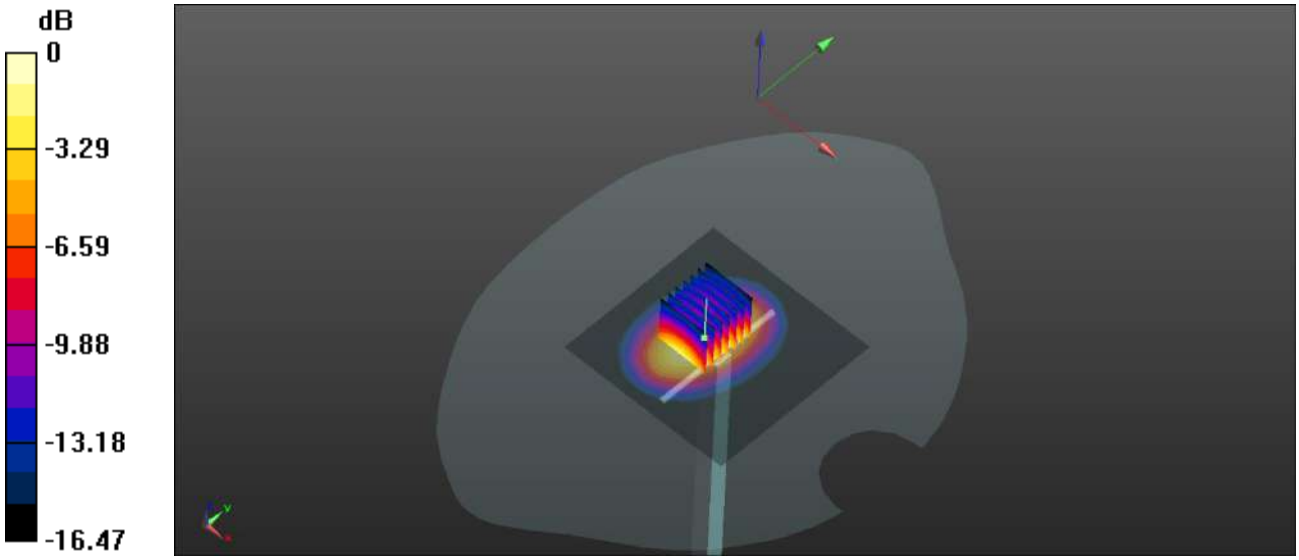
CW1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.86 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 6.47 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 3.99 W/kg



0 dB = 3.99 W/kg

System Performance Check Data (1750MHz)

Date: 2024.12.29

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

Medium parameters used: f = 1750 MHz; σ = 1.36 S/m; εr = 40.159; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.99 W/kg

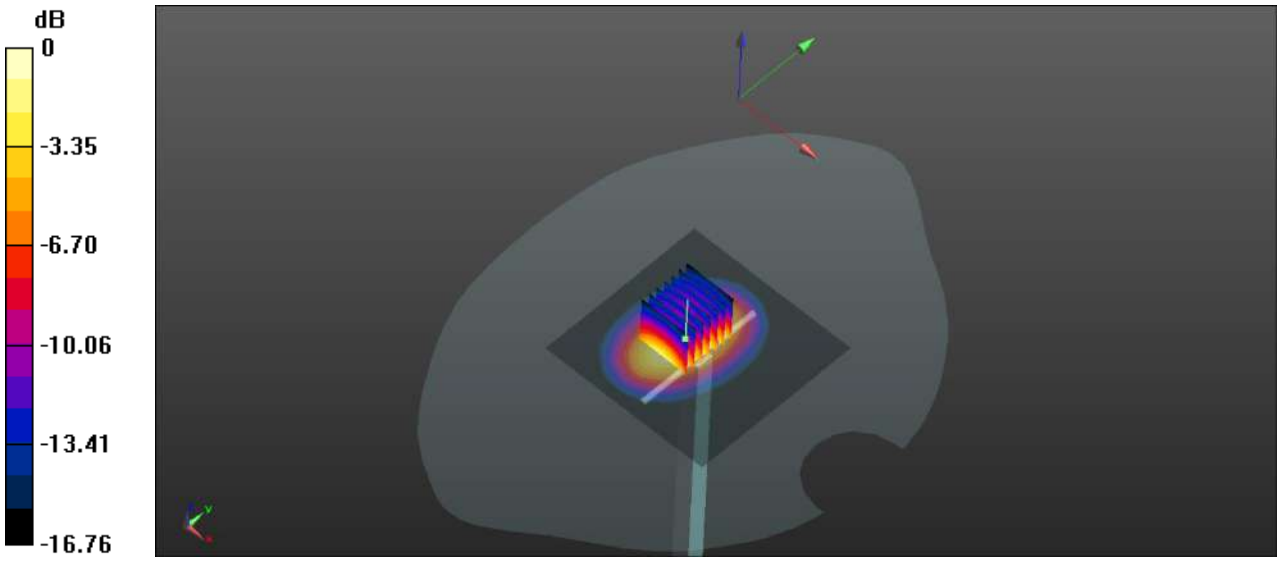
CW1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.93 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.51 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.98 W/kg

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



0 dB = 4.03 W/kg

System Performance Check Data (1950MHz)

Date: 2024.09.18

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

Medium parameters used: f = 1750 MHz; σ = 1.398 S/m; ε_r = 41.034; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.97 W/kg

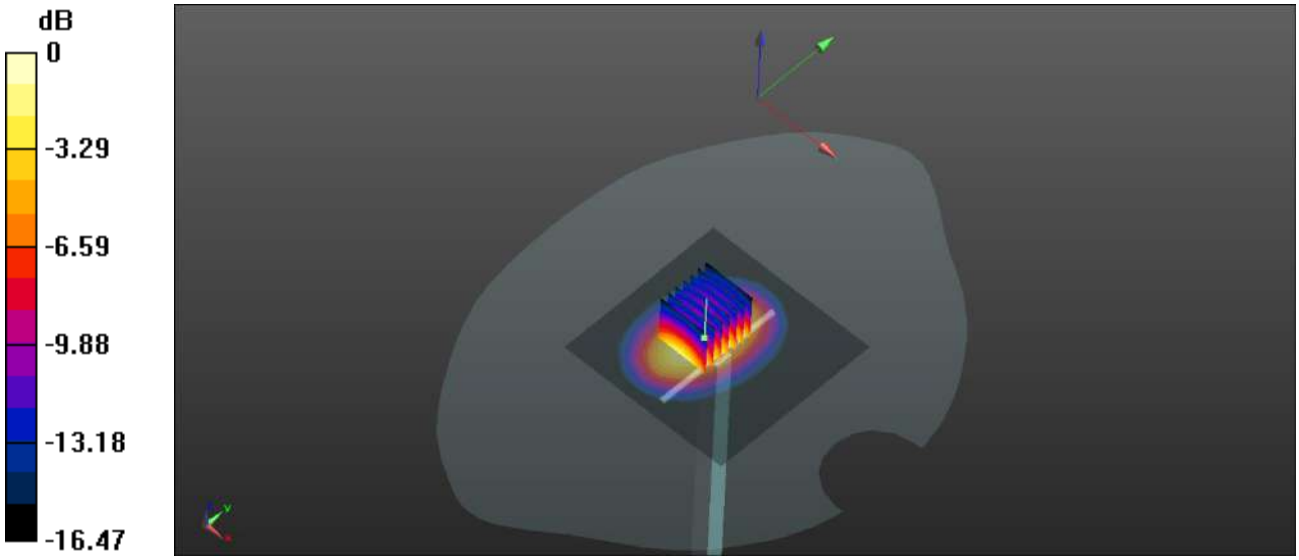
CW1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.86 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 6.47 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 3.99 W/kg



0 dB = 3.99 W/kg

System Performance Check Data (1950MHz)

Date: 2024.09.20

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

Medium parameters used: f = 1950 MHz; σ = 1.404 S/m; ε_r = 39.516; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2℃ 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 Sn1711; Calibrated: 2024.03.18
- 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) = 4.43 W/kg

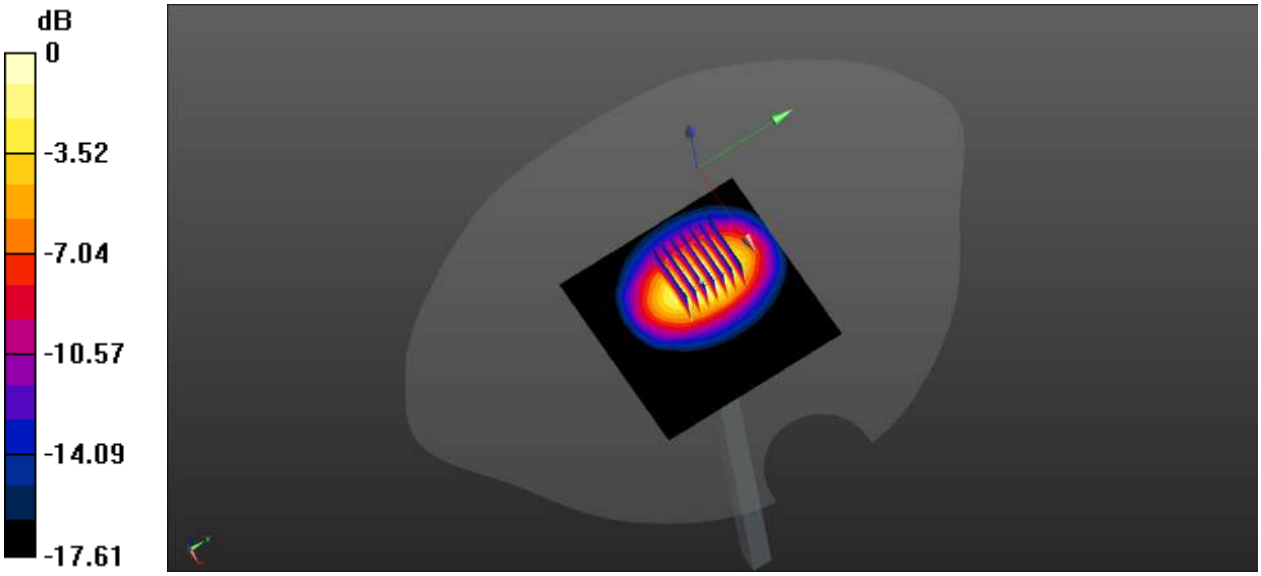
CW 1950 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.53 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.18 W/kg

SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 4.39 W/kg



0 dB = 4.39 W/kg

System Performance Check Data (1950MHz)

Date: 2024.09.21

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

Medium parameters used: f = 1950 MHz; σ = 1.413 S/m; ε_r = 38.708; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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) = 4.28 W/kg

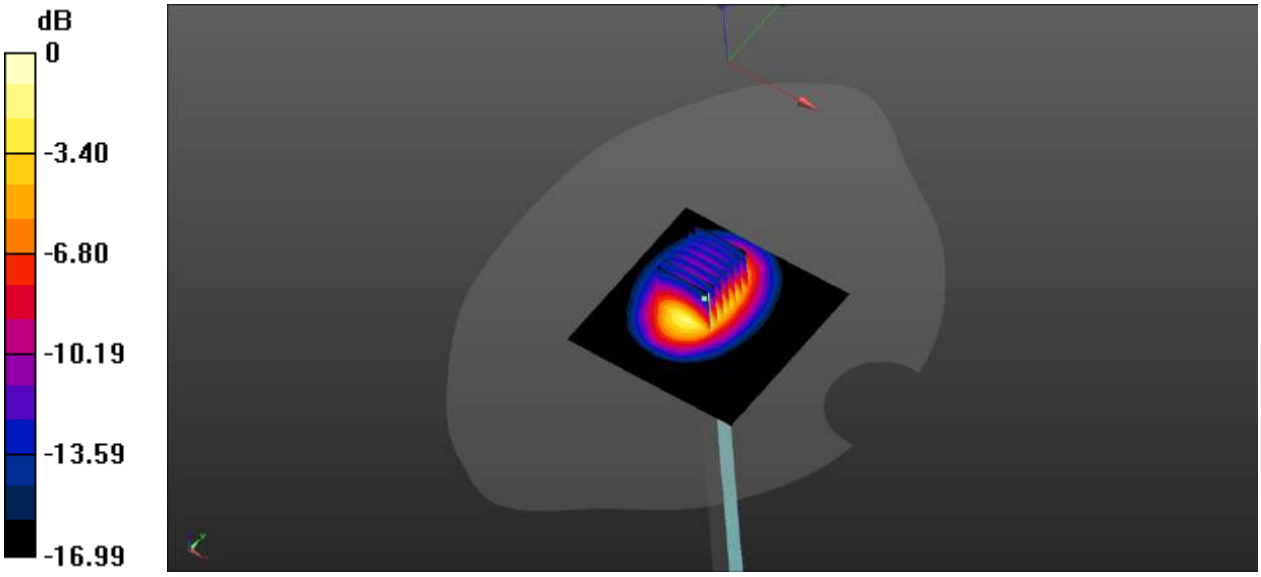
CW1950 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.92 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.21 W/kg

SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.07 W/kg

Maximum value of SAR (measured) = 4.32 W/kg



0 dB = 4.32 W/kg

System Performance Check Data (1950MHz)

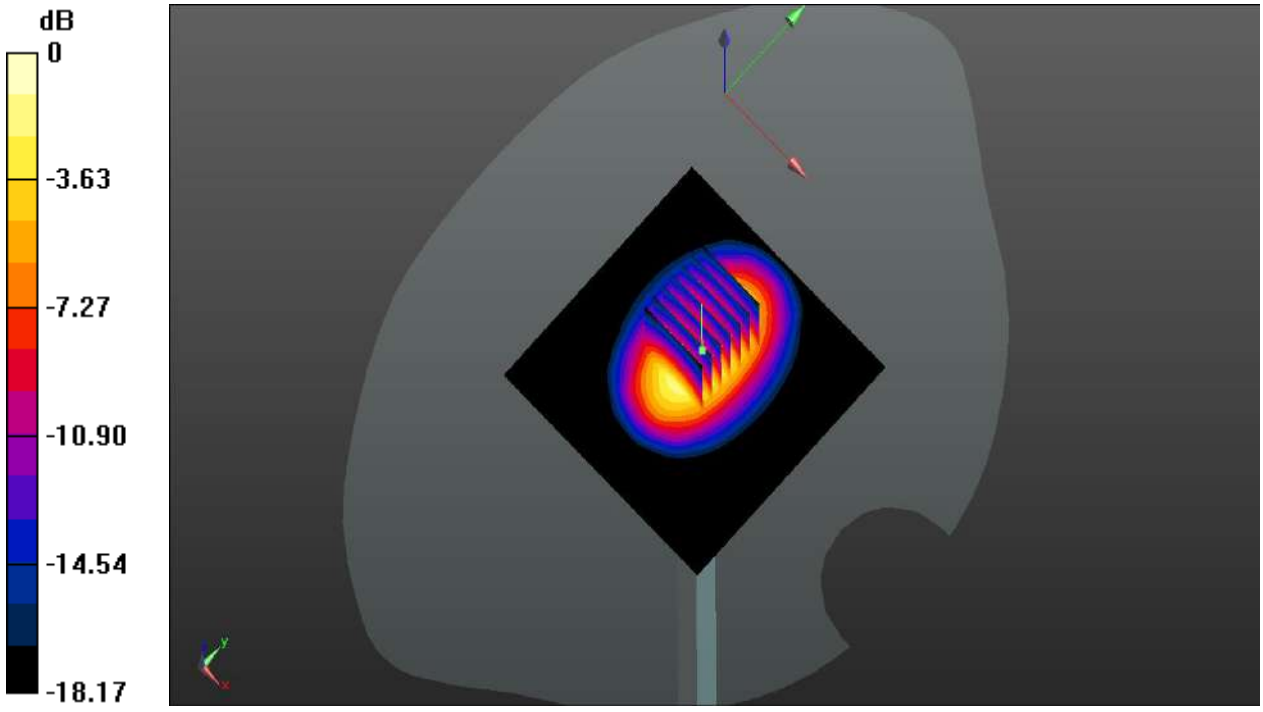
Date: 2024.09.22
Communication System Band: D1950 (1950.0 MHz); Frequency: 1950 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1950 MHz; σ = 1.444 S/m; ε_r = 40.828; ρ = 1000 kg/m^3
Phantom section: Flat Section

Ambient Temperature:22.2℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1950/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.59 W/kg
CW 1950/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.15 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 7.52 W/kg
SAR(1 g) = 4.18 W/kg; SAR(10 g) = 2.09 W/kg
Maximum value of SAR (measured) = 4.55 W/kg



0 dB = 4.55 W/kg

System Performance Check Data (1950MHz)

Date: 2024.09.23

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

Medium parameters used: f = 1950 MHz; σ = 1.446 S/m; ε_r = 38.936; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ 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 Sn1711; Calibrated: 2024.03.18
- 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 (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.18 W/kg

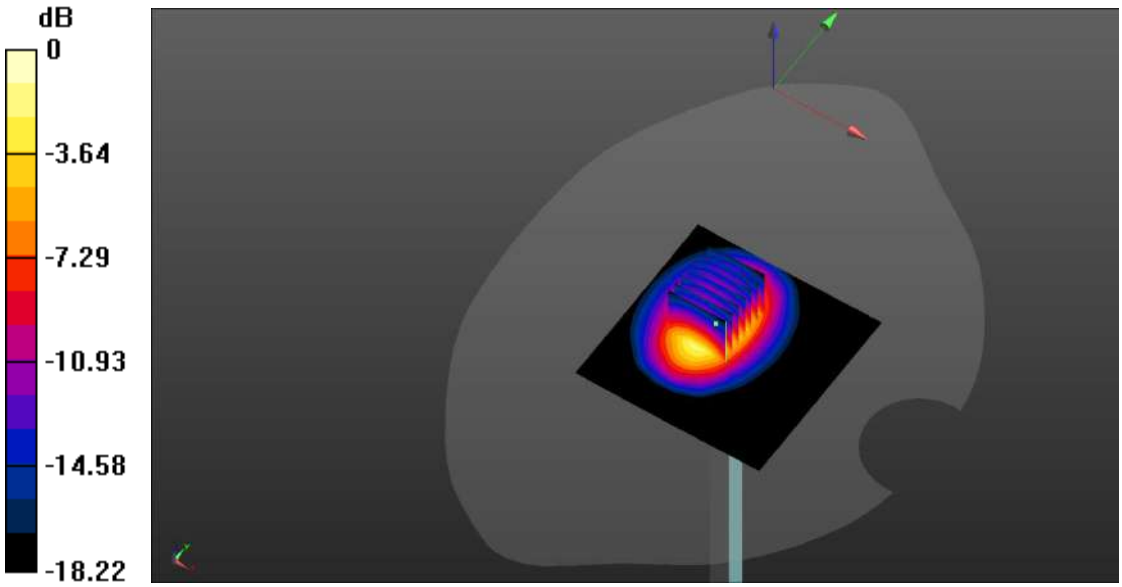
CW 1950 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.68 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 8.67 W/kg

SAR(1 g) = 4.19 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 4.73 W/kg



0 dB = 4.73 W/kg

System Performance Check Data (1950MHz)

Date: 2024.12.30

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

Medium parameters used: f = 1950 MHz; σ = 1.404 S/m; ε_r = 40.272; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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 (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.13 W/kg

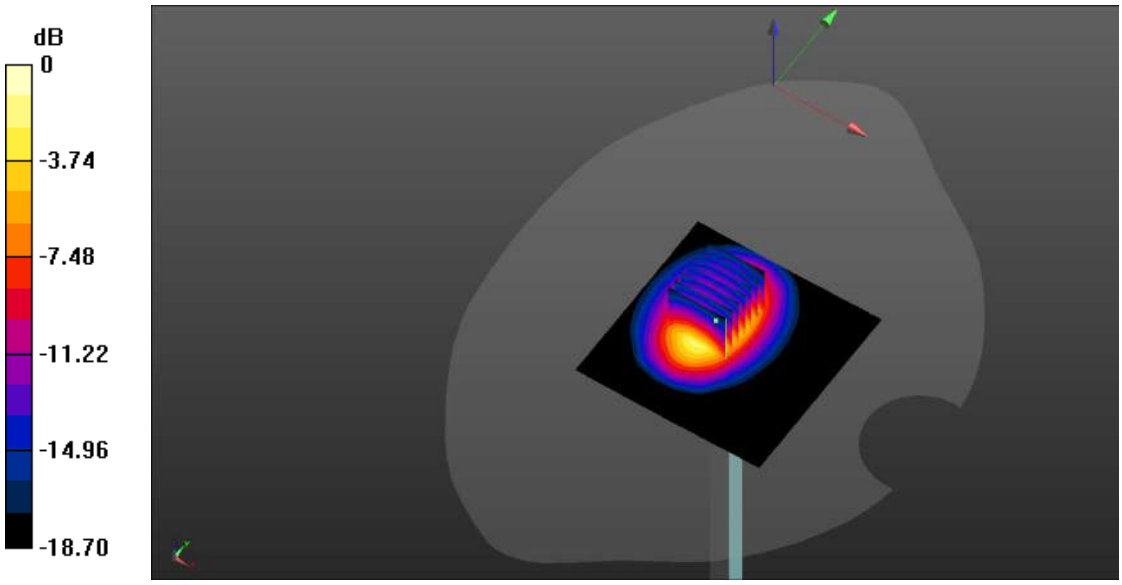
CW 1950 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.68 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 4.76 W/kg



0 dB = 4.76 W/kg

System Performance Check Data (2450MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL		D2450	CW, 0--	2450.0, 50	7.75	1.79	38.8	22.3	21.2

Hardware Setup

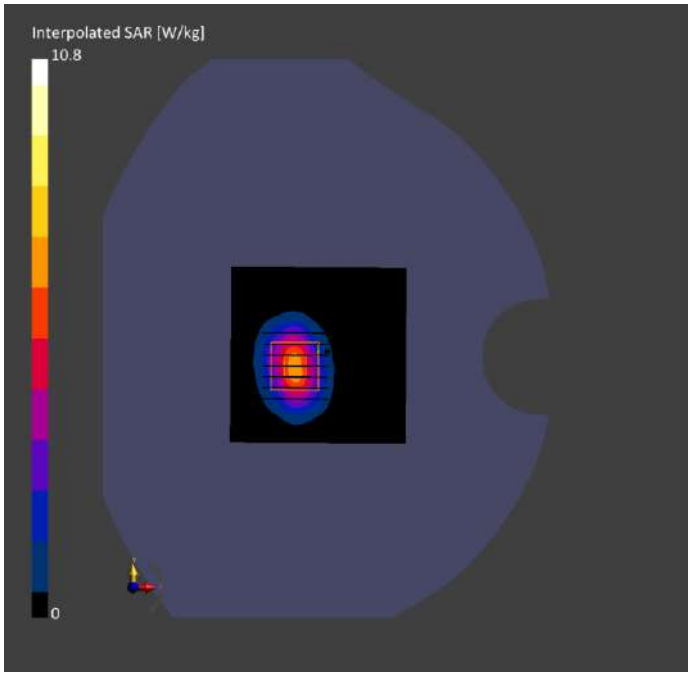
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-09-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-09-24	2024-09-24
psSAR1g [W/kg]	5.15	5.36
psSAR10g [W/kg]	2.23	2.56
Power Drift [dB]	0.03	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.9
Dist 3dB Peak [mm]		9.5



System Performance Check Data (2450MHz)

Date: 2024.09.25

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

Medium parameters used: f = 2450 MHz; σ = 1.836 S/m; ε_r = 38.225; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 5.75 W/kg

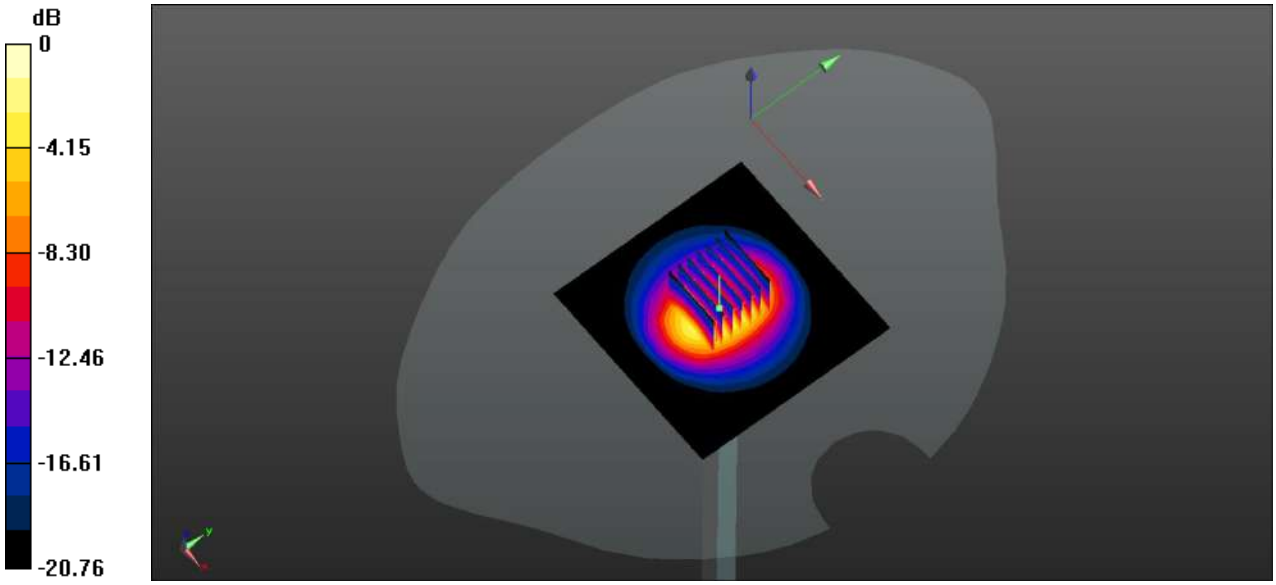
CW 2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.71 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 5.34 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 5.81 W/kg



0 dB = 5.81 W/kg

System Performance Check Data (2450MHz)

Date: 2024.09.26

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

Medium parameters used: f = 2450 MHz; σ = 1.853 S/m; ε_r = 39.914; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2450 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

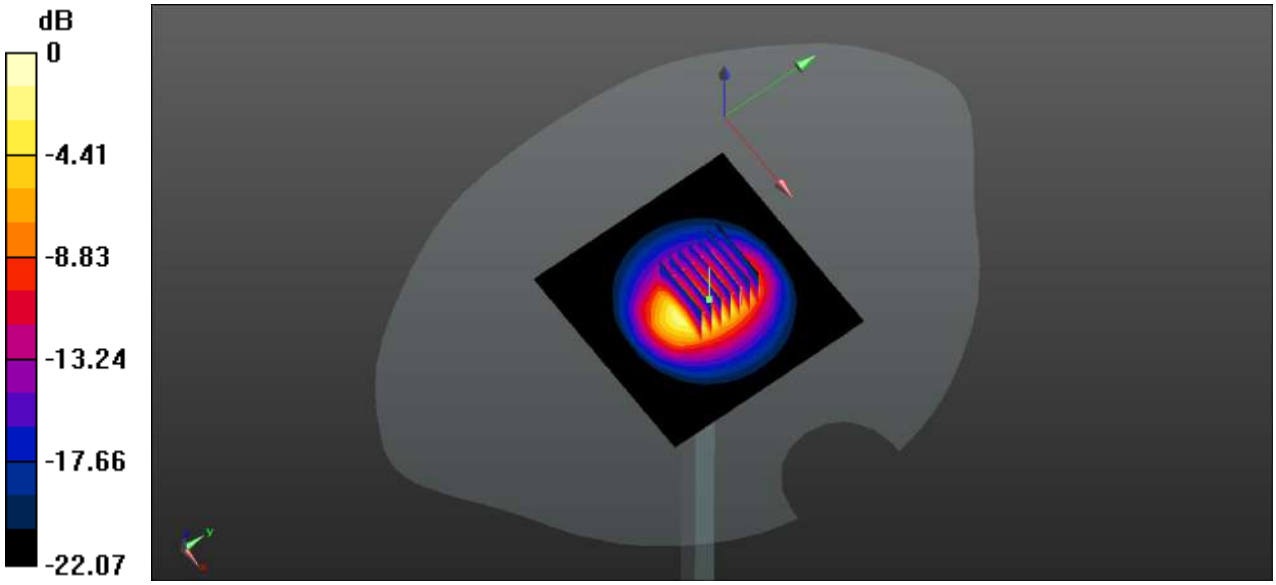
CW 2450 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.07 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.28 W/kg; SAR(10 g) = 2.46 W/kg

Maximum value of SAR (measured) = 6.24 W/kg



0 dB = 6.24 W/kg

System Performance Check Data (2600MHz)

Date: 2024.09.27

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

Medium parameters used: f = 2600 MHz; σ = 2.025 S/m; ε_r = 37.949; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.6℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

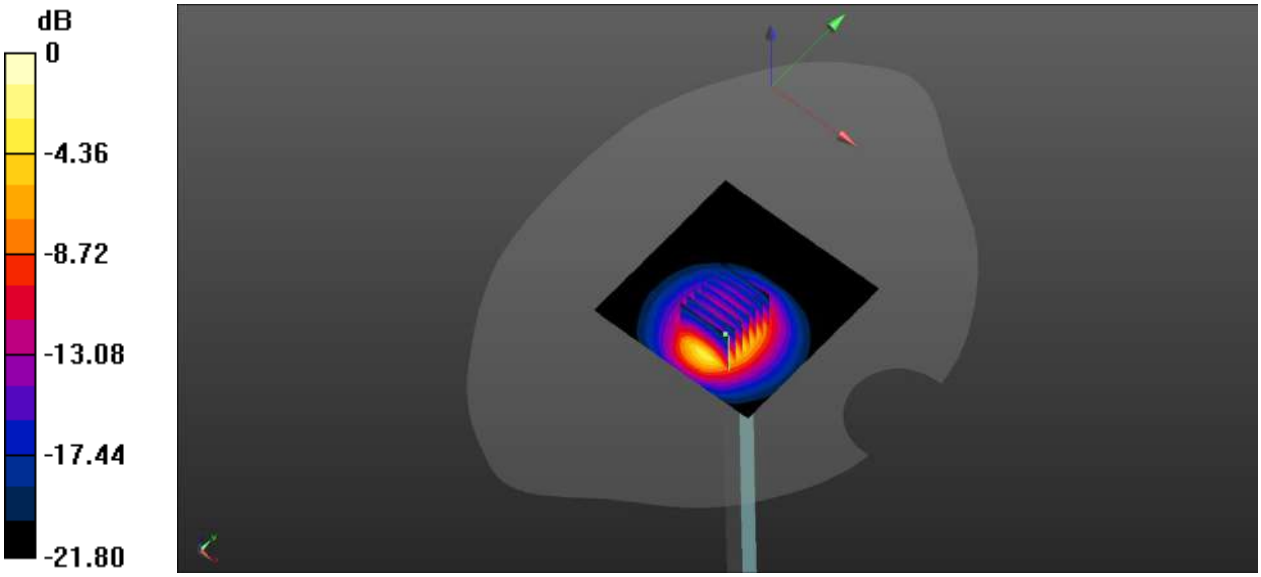
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.37 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.47 W/kg; SAR(10 g) = 2.57 W/kg

Maximum value of SAR (measured) = 6.72 W/kg



0 dB = 6.72 W/kg

System Performance Check Data (2600MHz)

Date: 2024.09.28

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

Medium parameters used: f = 2600 MHz; σ = 1.953 S/m; ε_r = 37.855; 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 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

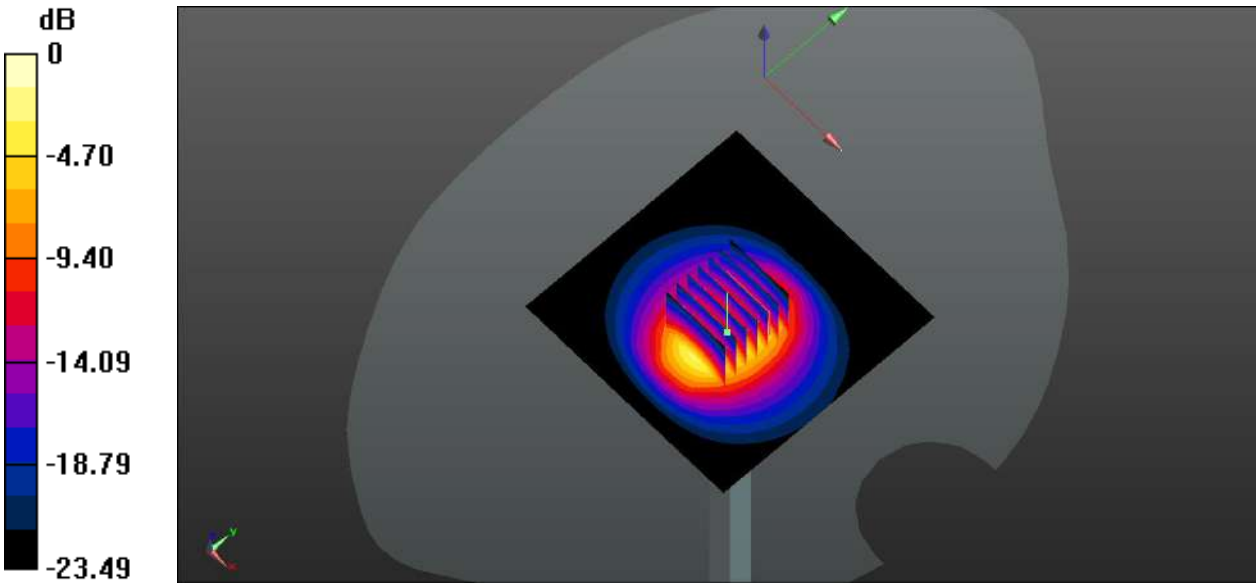
CW 2600 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.94 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 5.45 W/kg; SAR(10 g) = 2.55 W/kg

Maximum value of SAR (measured) = 6.29 W/kg



0 dB = 6.29 W/kg

System Performance Check Data (2600MHz)

Date: 2024.09.29

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

Medium parameters used (extrapolated): f = 2600 MHz; σ = 1.996 S/m; ε_r = 39.326; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.16 W/kg

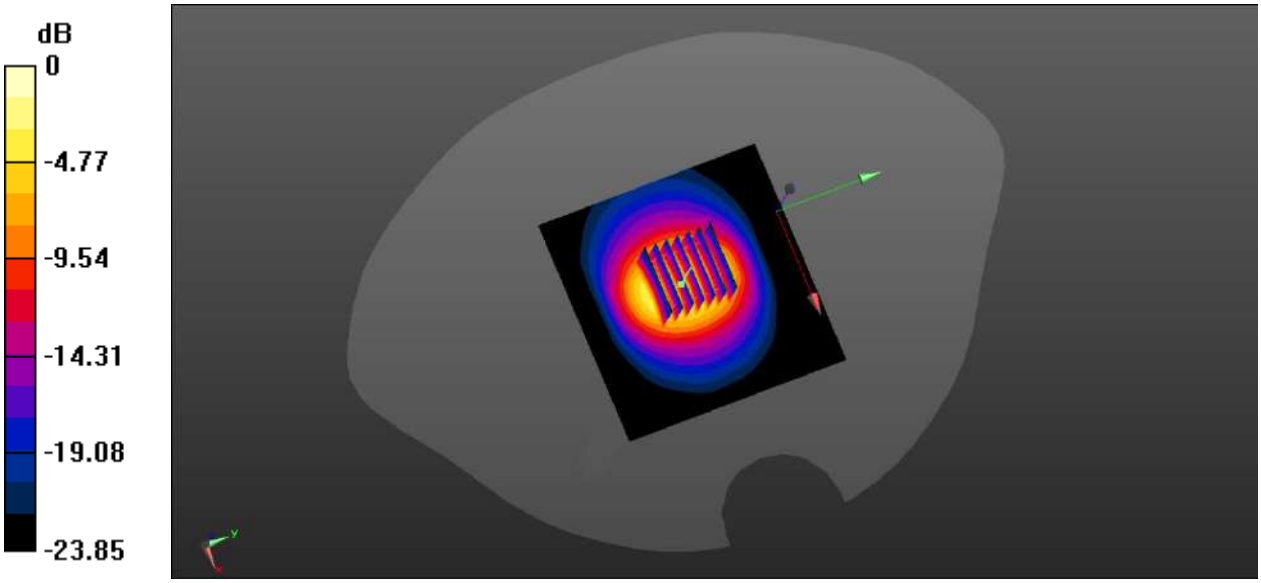
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.52 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 5.42 W/kg; SAR(10 g) = 2.51 W/kg

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



0 dB = 6.18 W/kg

System Performance Check Data (3500MHz)

Date: 2024.09.30

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

Medium parameters used: f = 3500 MHz; σ = 2.843 S/m; ε_r = 38.749; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.11, 7.11, 7.11); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

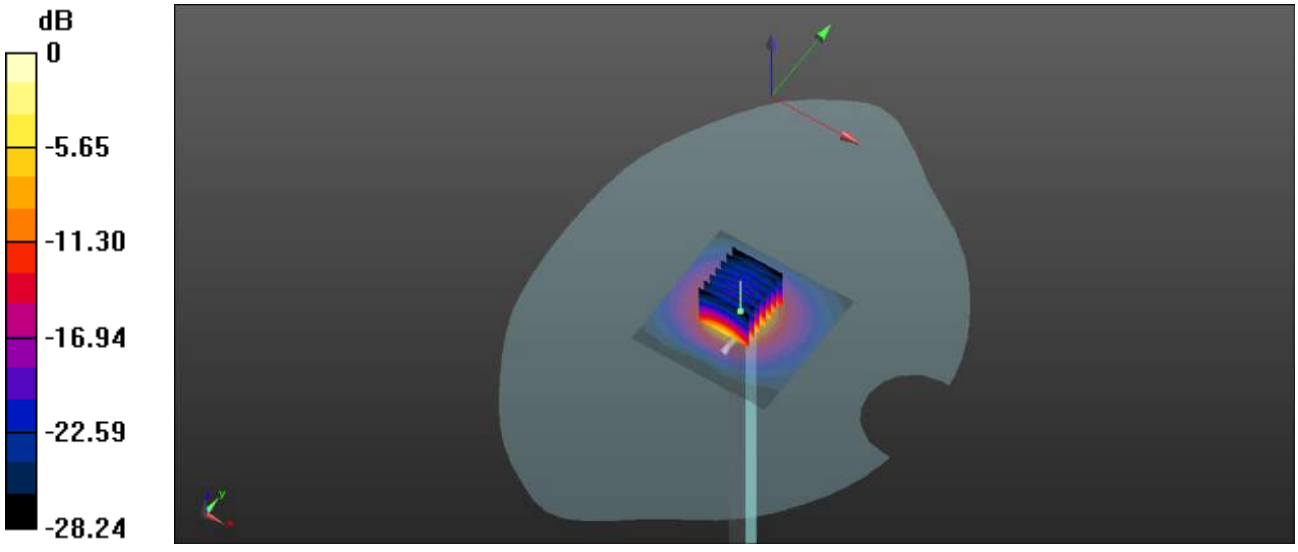
CW 3500/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

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

Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 6.88 W/kg; SAR(10 g) = 2.66 W/kg

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



0 dB = 12.3 W/kg

System Performance Check Data (3700MHz)

Date: 2024.10.08

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

Medium parameters used: f = 3700 MHz; σ = 3.137 S/m; ε_r = 38.092; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(6.94, 6.94, 6.94); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

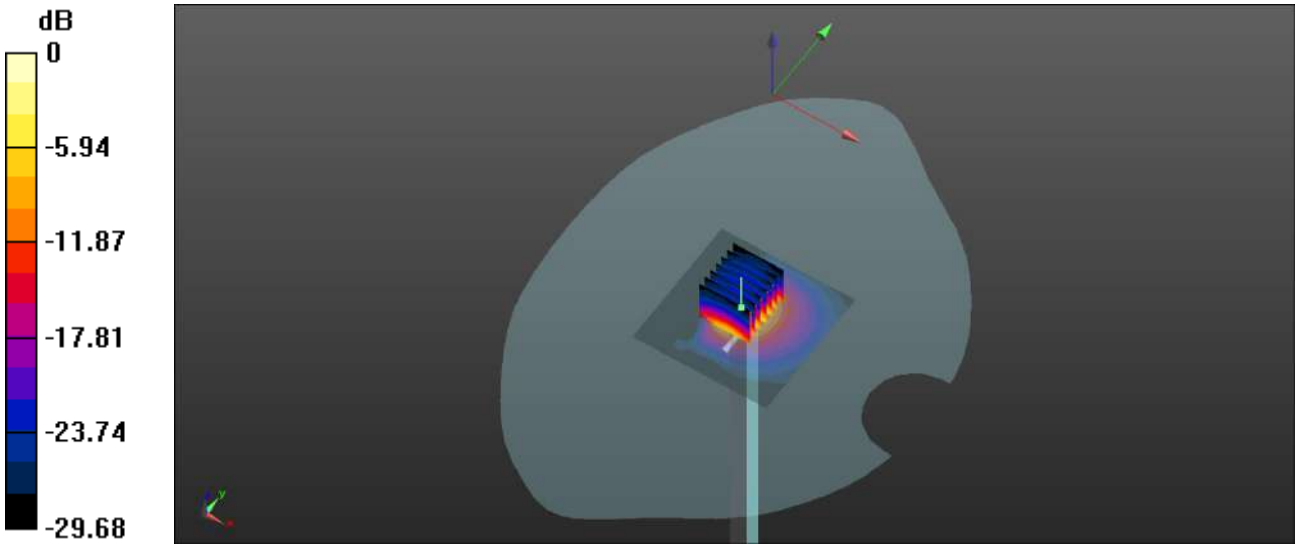
CW 3700/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

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

Peak SAR (extrapolated) = 23.3 W/kg

SAR(1 g) = 6.74 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 10.3 W/kg

System Performance Check Data (3700MHz)

Date: 2024.10.09

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

Medium parameters used: f = 3700 MHz; σ = 3.17 S/m; ε_r = 37.515; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(6.94, 6.94, 6.94); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

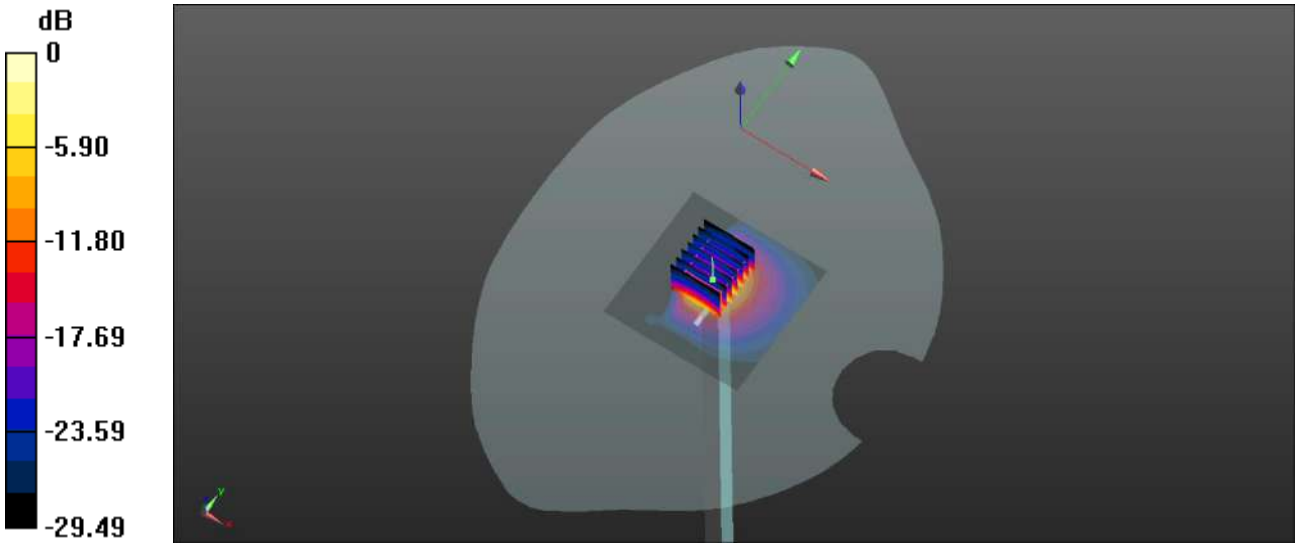
CW 3700/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 43.43 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 23.1 W/kg

SAR(1 g) = 6.76 W/kg; SAR(10 g) = 2.53 W/kg

Maximum value of SAR (measured) = 9.3 W/kg



0 dB = 9.3 W/kg

System Performance Check Data (3900MHz)

Date: 2024.10.10

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

Medium parameters used: f = 3900 MHz; σ = 3.215 S/m; ε_r = 36.96; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(6.94, 6.94, 6.94); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 8.38 W/kg

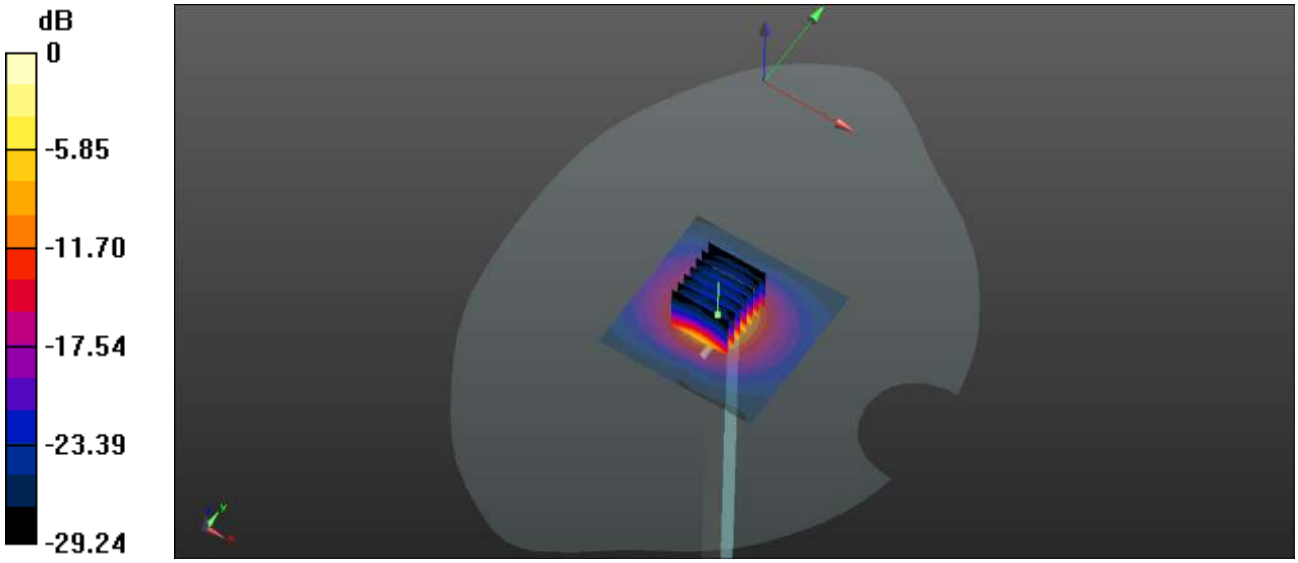
CW 3900/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 47.01 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 24.9 W/kg

SAR(1 g) = 6.82 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg

System Performance Check Data (5250MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL		Validation band	CW, 0--	5250.0, 5250	5.74	4.58	35.5	22.6	21.3

Hardware Setup

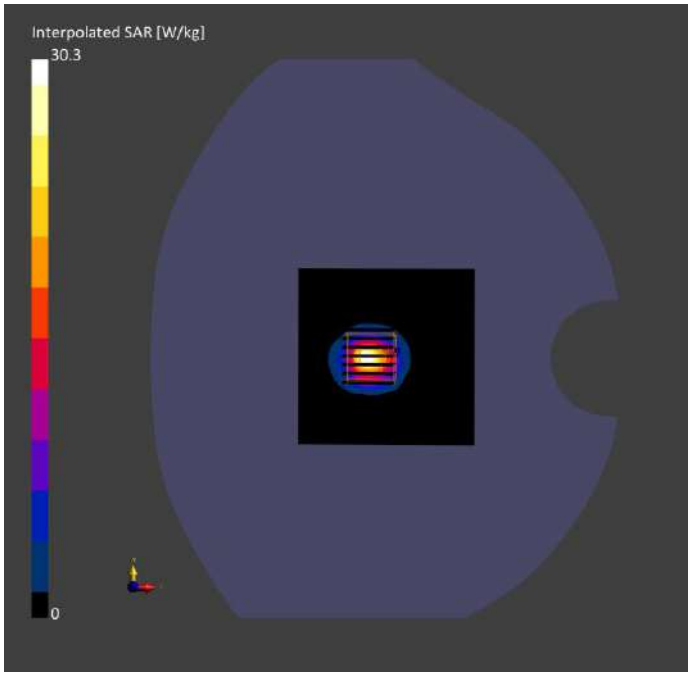
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-11	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-11	2024-10-11
psSAR1g [W/kg]	7.84	7.85
psSAR10g [W/kg]	2.16	2.21
Power Drift [dB]	0.06	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.8
Dist 3dB Peak [mm]		7.1



System Performance Check Data (5600MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D5GHZV2, SPEAG	10.0 x 10.0 x 3.0	Dipole

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL		Validation band	CW, 0--	5600.0, 5600	5.00	4.90	35.7	22.5	21.2

Hardware Setup

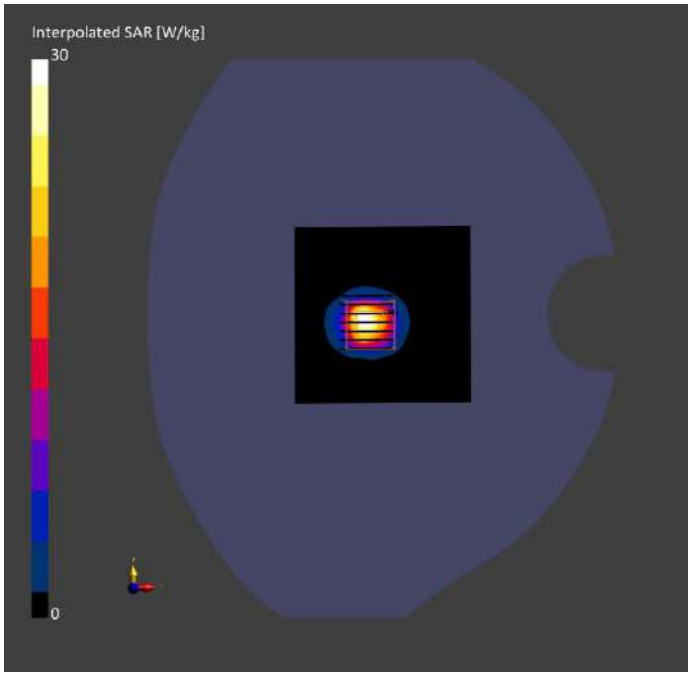
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-12	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-12	2024-10-12
psSAR1g [W/kg]	8.01	8.23
psSAR10g [W/kg]	2.23	2.38
Power Drift [dB]	-0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.9
Dist 3dB Peak [mm]		6.9



System Performance Check Data (5750MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL		Validation band	CW, 0--	5750.0, 5750	5.04	5.17	34.9	22.4	21.2

Hardware Setup

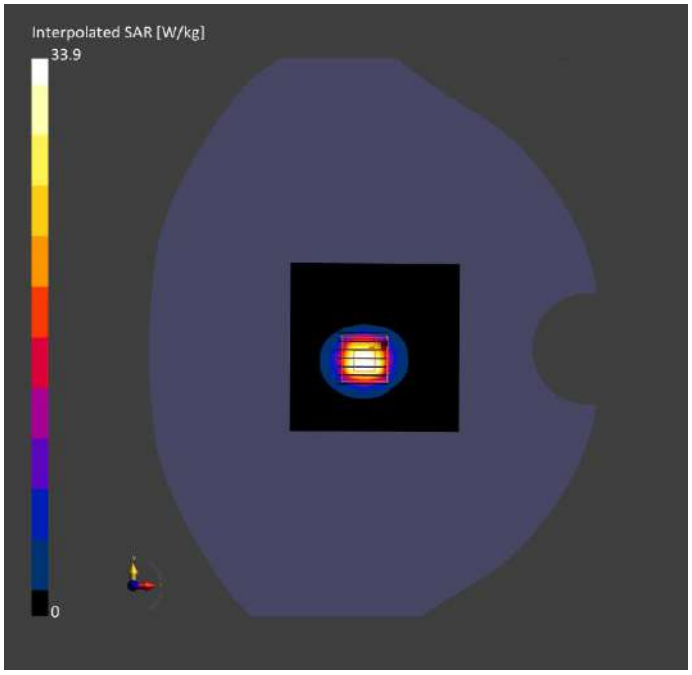
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-13	2024-10-13
psSAR1g [W/kg]	7.48	7.75
psSAR10g [W/kg]	2.11	2.16
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		7.1



System Performance Check Data (5250MHz)

Date: 2024.10.11

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

Medium parameters used: f = 5250 MHz; σ = 4.577 S/m; ε_r = 35.502; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.74, 5.74, 5.74); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 8.52 W/kg

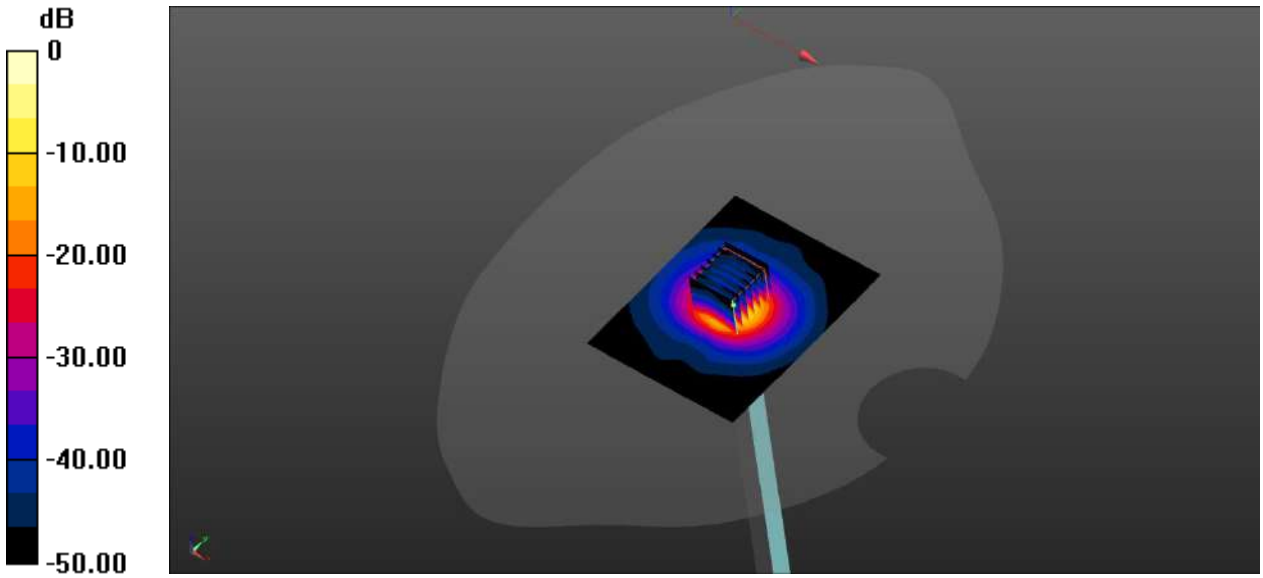
CW 5250/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.64 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg

System Performance Check Data (5600MHz)

Date: 2024.10.12

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

Medium parameters used: f = 5600 MHz; σ = 4.897 S/m; ε_r = 35.71; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5, 5, 5); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 8.38 W/kg

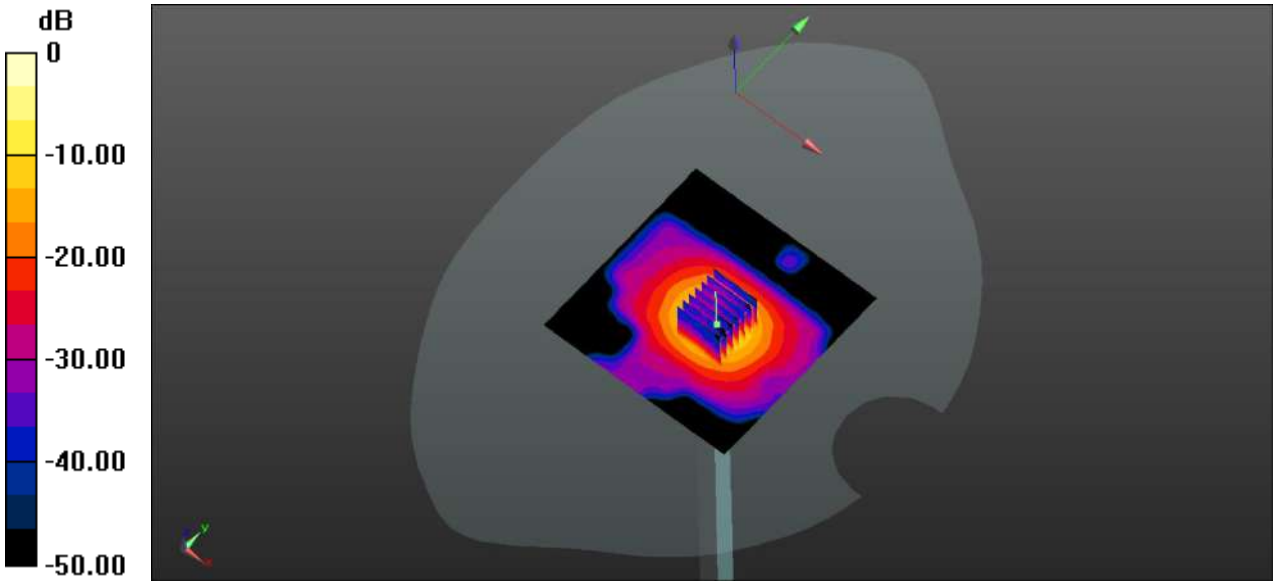
CW 5600/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 34.63 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 38.4 W/kg

SAR(1 g) = 8.23 W/kg; SAR(10 g) = 2.38 W/kg

Maximum value of SAR (measured) = 21.4 W/kg



0 dB = 21.4 W/kg

System Performance Check Data (5750MHz)

Date: 2024.10.13

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

Medium parameters used: f = 5750 MHz; σ = 5.169 S/m; ε_r = 34.881; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.04, 5.04, 5.04); Calibrated: 2024.06.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 8.93 W/kg

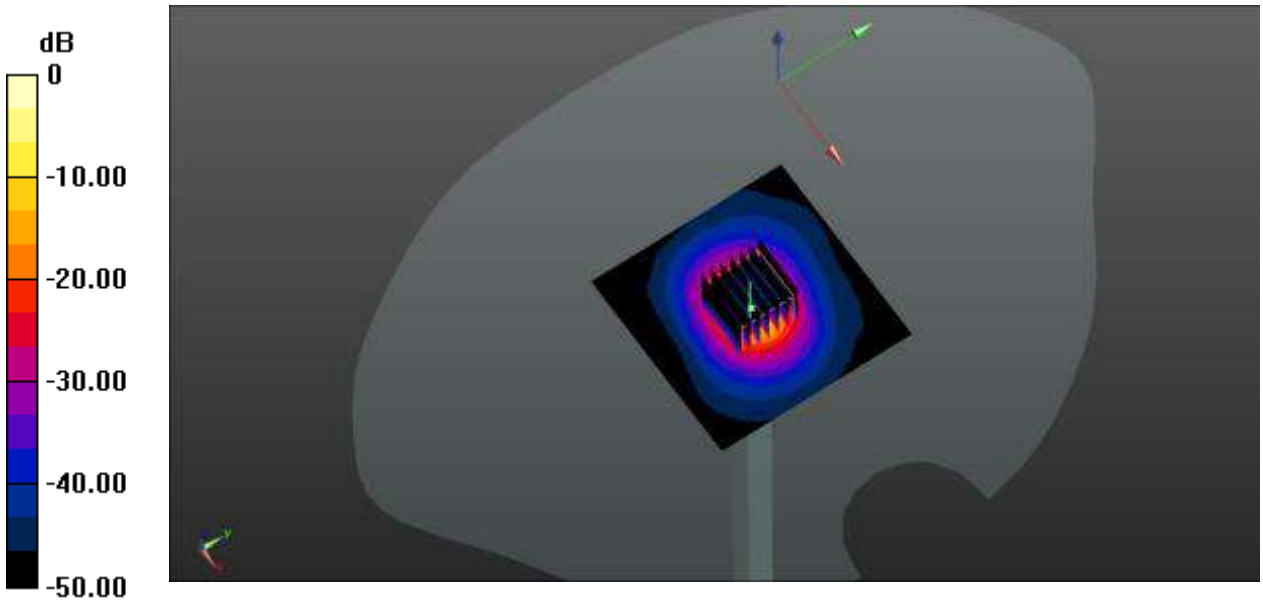
CW 5750/Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.26 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 36.6 W/kg

SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg

System Performance Check Data (6500MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL		Validation band	CW, 0--	6500.0, 6500	5.11	6.11	34.2	22.5	21.2

Hardware Setup

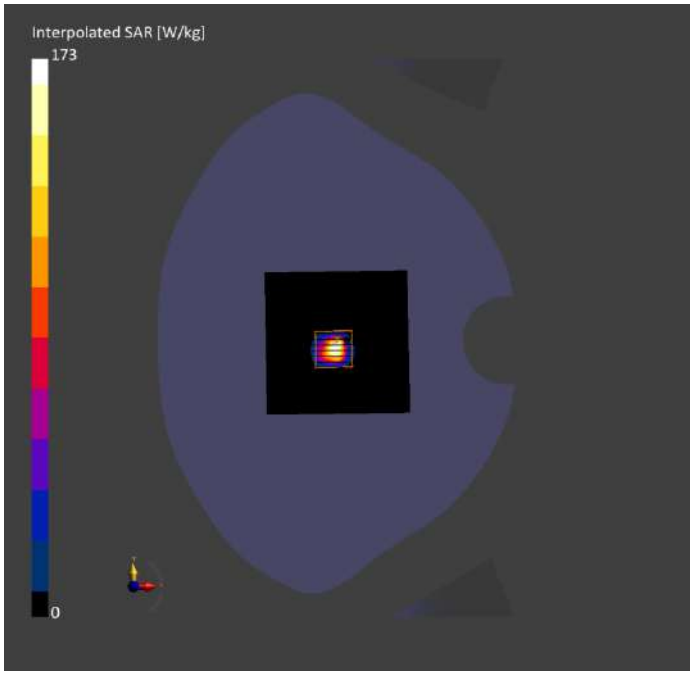
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-11-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn1710, 2024-01-03

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-11-18	2024-11-18
psSAR1g [W/kg]	27.1	29.2
psSAR10g [W/kg]	5.09	5.43
APD 4cm^2 [W/m^2]		135
Power Drift [dB]	0.02	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.5
Dist 3dB Peak [mm]		5.3



System Performance Check Data (6500MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL		Validation band	CW, 0--	6500.0, 6500	5.11	6.07	34.2	22.4	21.6

Hardware Setup

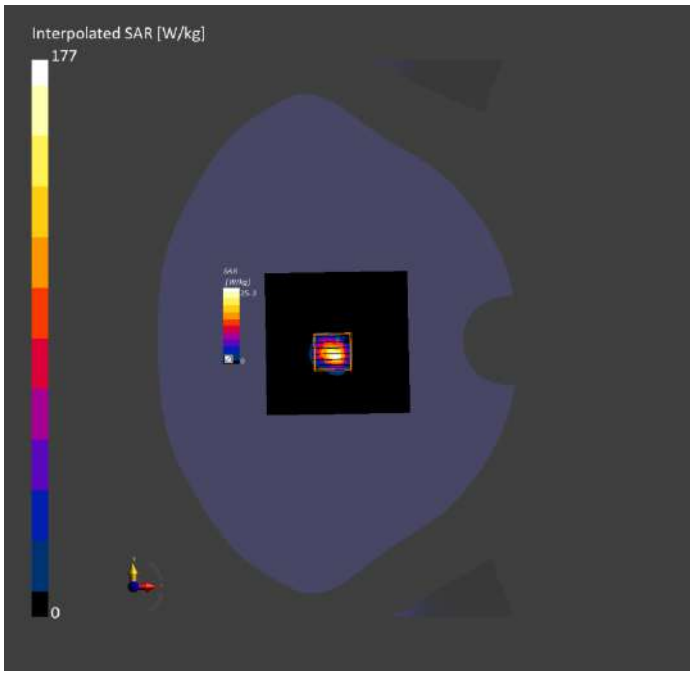
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-11-19	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn1710, 2024-01-03

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-11-19	2024-11-19
psSAR1g [W/kg]	27.5	29.8
psSAR10g [W/kg]	5.11	5.45
APD 4cm^2 [W/m^2]		137
Power Drift [dB]	0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.8
Dist 3dB Peak [mm]		5.4



System Performance Check Data (6500MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL		Validation band	CW, 0--	6500.0, 6500	5.11	5.99	34.6	22.1	21.0

Hardware Setup

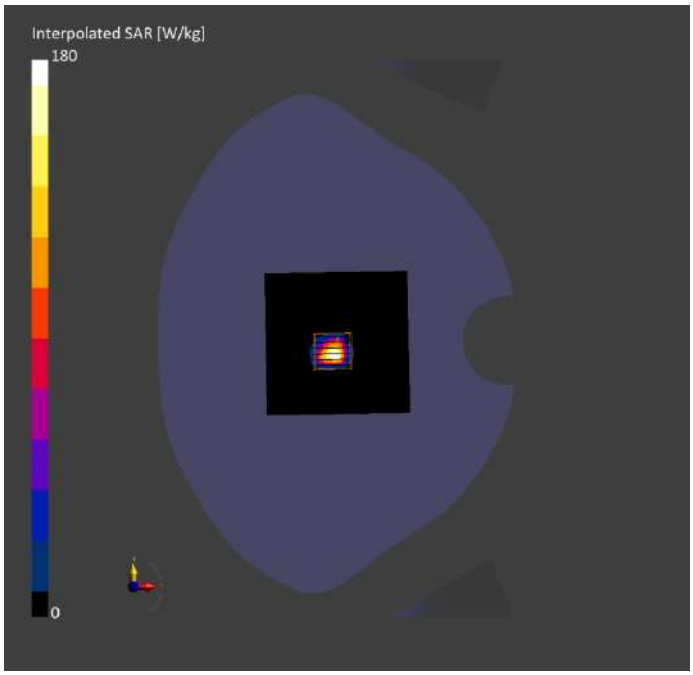
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-11-20	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn1710, 2024-01-03

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-11-20	2024-11-20
psSAR1g [W/kg]	28.8	30.2
psSAR10g [W/kg]	5.23	5.48
APD 4cm^2 [W/m^2]		138
Power Drift [dB]	0.05	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		6.1



ANNEX C TEST DATA

Meas.1 Body Plane with Back Side 10mm on Middle Channel in WCDMA Band2 mode with Antenna 0

Date: 2024.09.19

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

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.422 S/m; ε_r = 40.204; ρ = 1000 kg/m^3

Phantom section: Flat Section

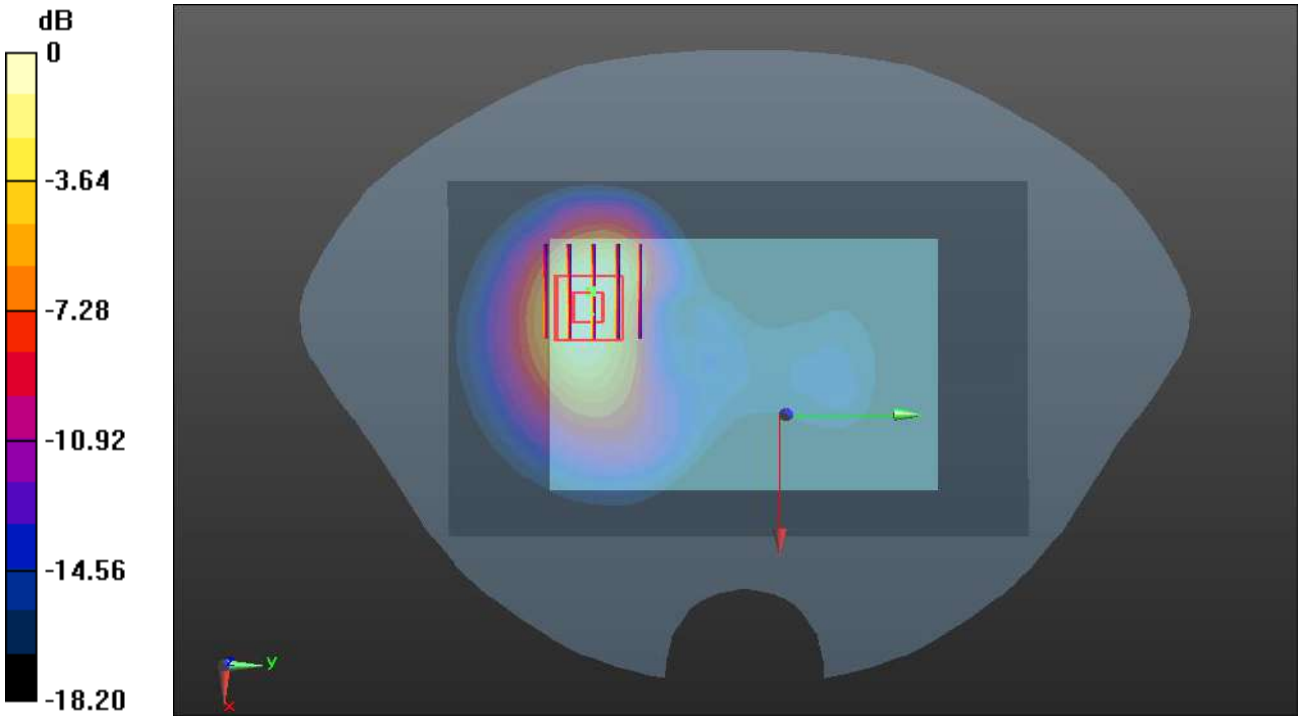
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.861 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.609 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg

Meas.2 Body Plane with Back Side 0mm on Middle Channel in WCDMA Band2 mode with Antenna 0

Date: 2024.09.19

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

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.422 S/m; ε_r = 40.204; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.12 W/kg

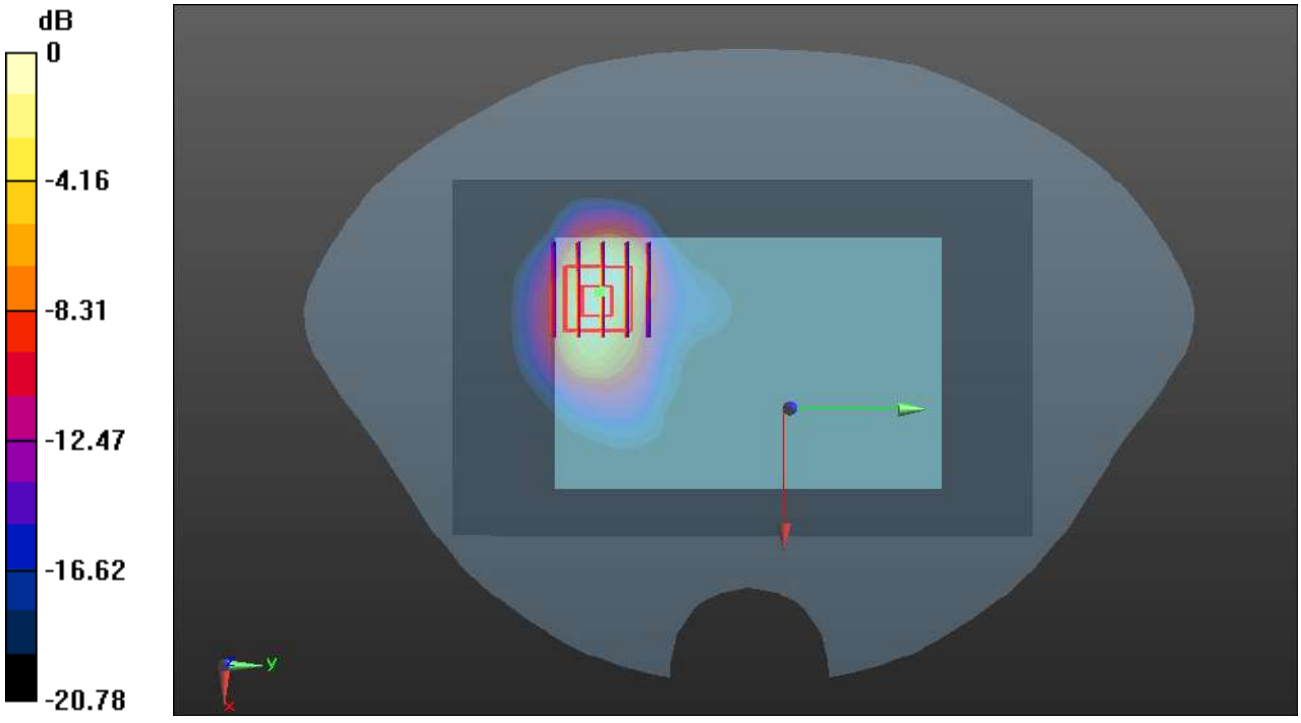
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.183 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 9.24 W/kg

SAR(1 g) = 4.76 W/kg; SAR(10 g) = 2.28 W/kg

Maximum value of SAR (measured) = 5.41 W/kg



0 dB = 5.41 W/kg

Meas.3 Body Plane with Back Side 10mm on Low Channel in WCDMA Band4 mode with Antenna 0

Date: 2024.09.14

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

Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.325 S/m; ε_r = 41.42; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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) = 0.888 W/kg

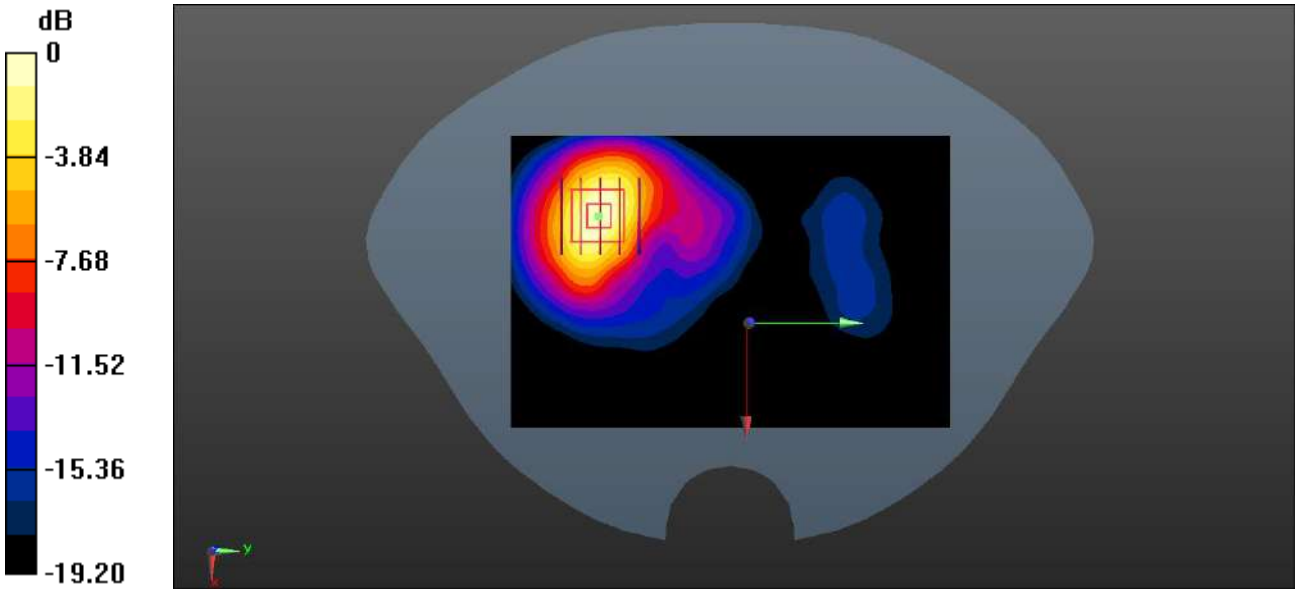
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.721 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg

Meas.4 Body Plane with Back Side 0mm on Middle Channel in WCDMA Band4 mode with Antenna 0

Date: 2024.09.14

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

Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.339 S/m; ε_r = 41.322; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1412/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.99 W/kg

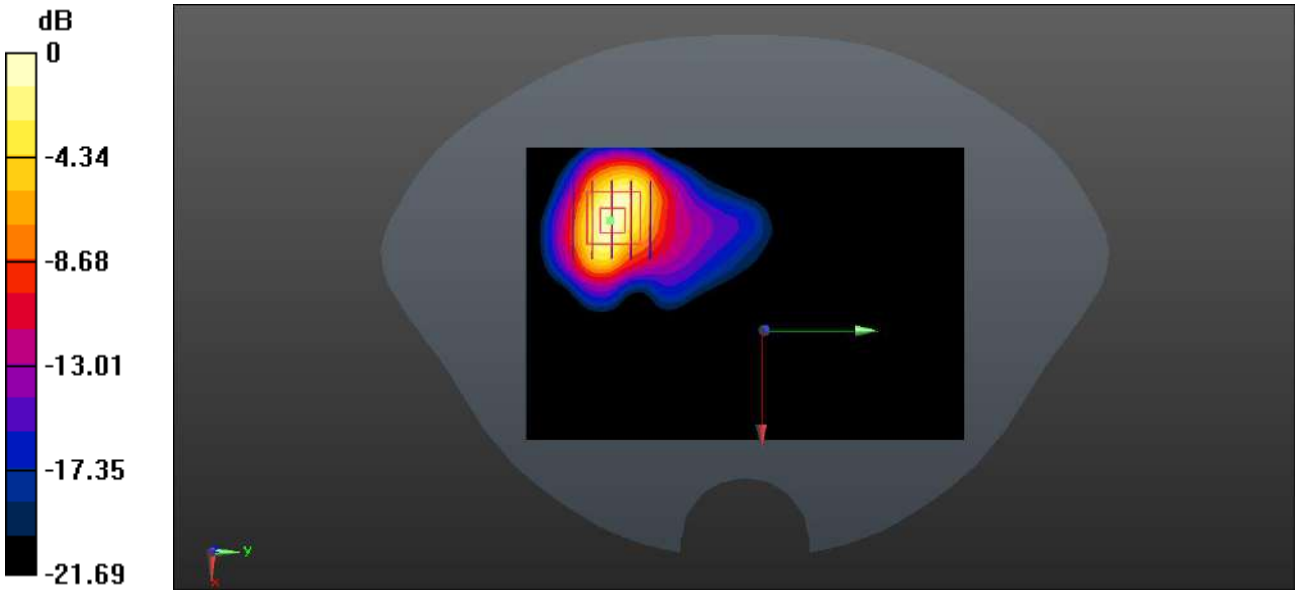
Ch1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.134 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.32 W/kg

SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.24 W/kg

Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.05 W/kg

Meas.5 Body Plane with Back Side 10mm on High Channel in WCDMA Band5 mode with Antenna 1

Date: 2024.09.11

Communication System Band: BAND 5; Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.923 S/m; ε_r = 41.309; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.810 W/kg

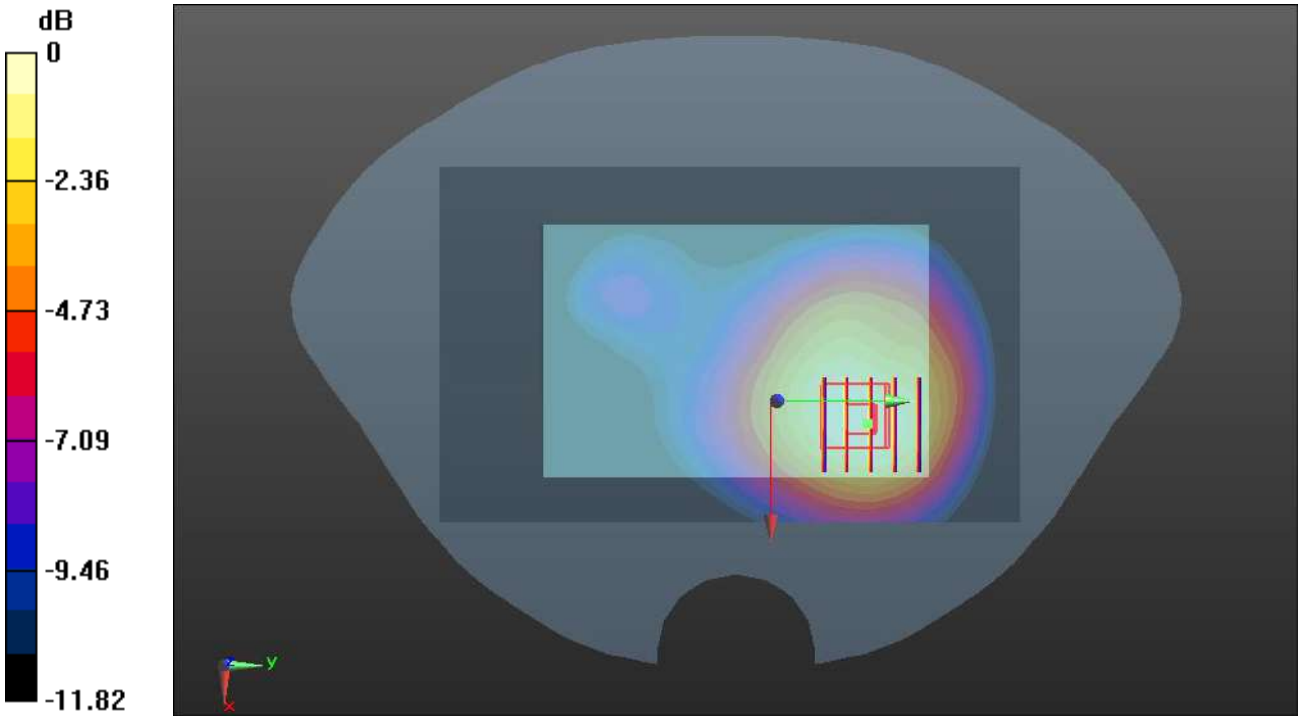
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.64 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg

Meas.6 Body Plane with Back Side 0mm on Middle Channel in WCDMA Band5 mode with Antenna 1

Date: 2024.09.11

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

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.902 S/m; ε_r = 41.793; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.44 W/kg

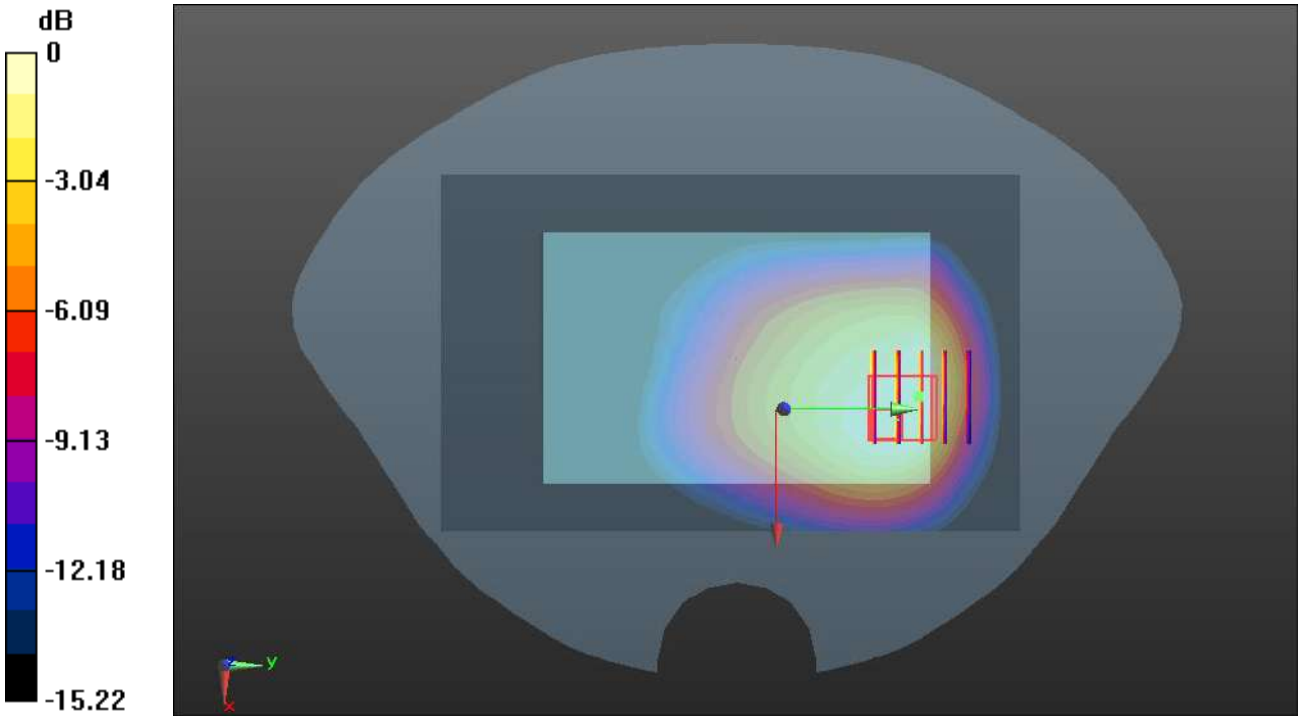
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.23 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.24 W/kg

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg

Meas.7 Body Plane with Right Edge 10mm on High Channel in LTE Band2 mode with Antenna 1

Date: 2024.12.30
Communication System Band: BAND 2; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.39 S/m; εr = 40.348; ρ = 1000 kg/m^3
Phantom section: Flat Section

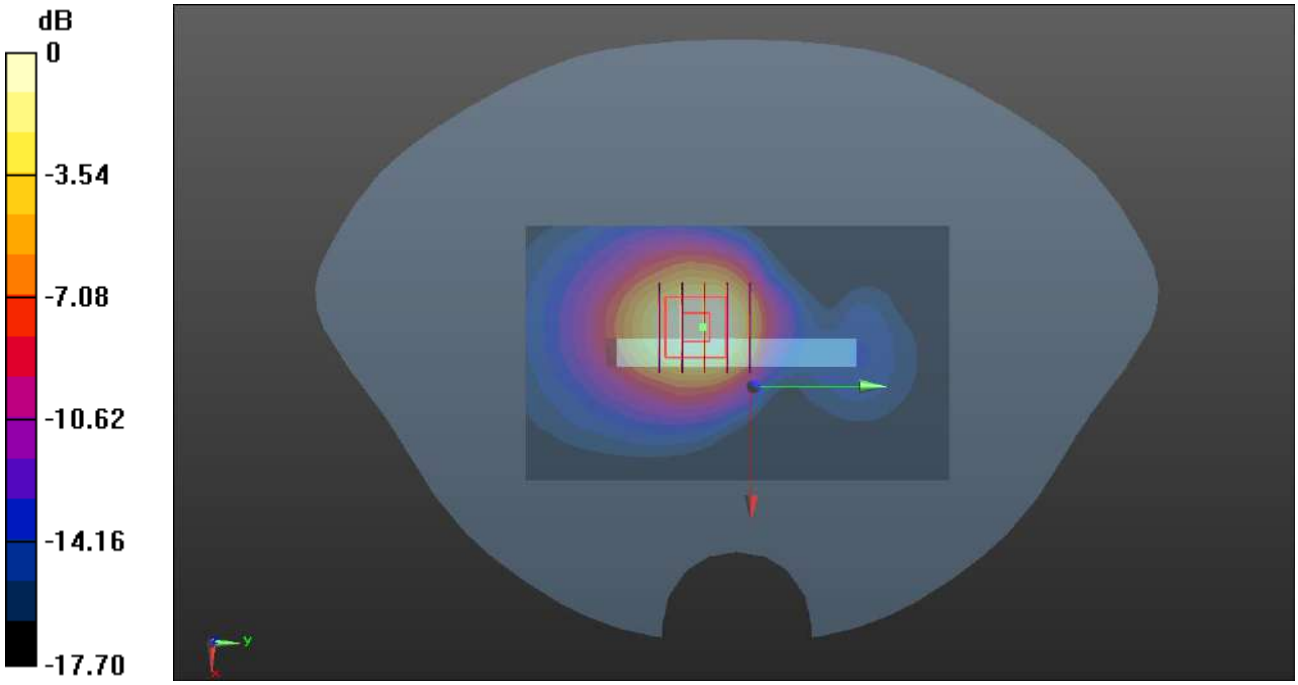
Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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) = 0.710 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.49 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.930 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg

Meas.8 Body Plane with Back Side 0mm on High Channel in LTE Band2 mode with Antenna 0

Date: 2024.12.30

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

Medium parameters used (interpolated): f = 1900 MHz; σ = 1.39 S/m; εr = 40.348; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- 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) = 1.19 W/kg

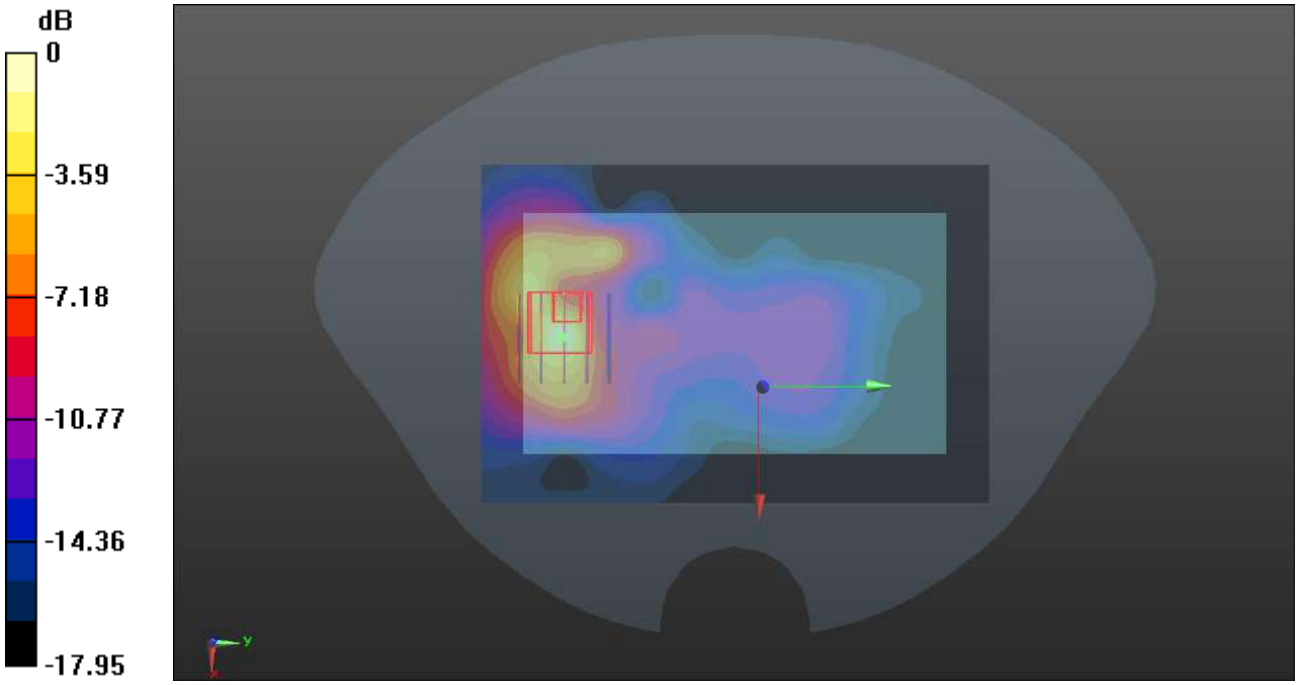
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.173 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.558 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

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

Date: 2024.09.15
Communication System Band: Band 4; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1720 MHz; σ = 1.347 S/m; ε_r = 41.162; ρ = 1000 kg/m^3
Phantom section: Flat Section

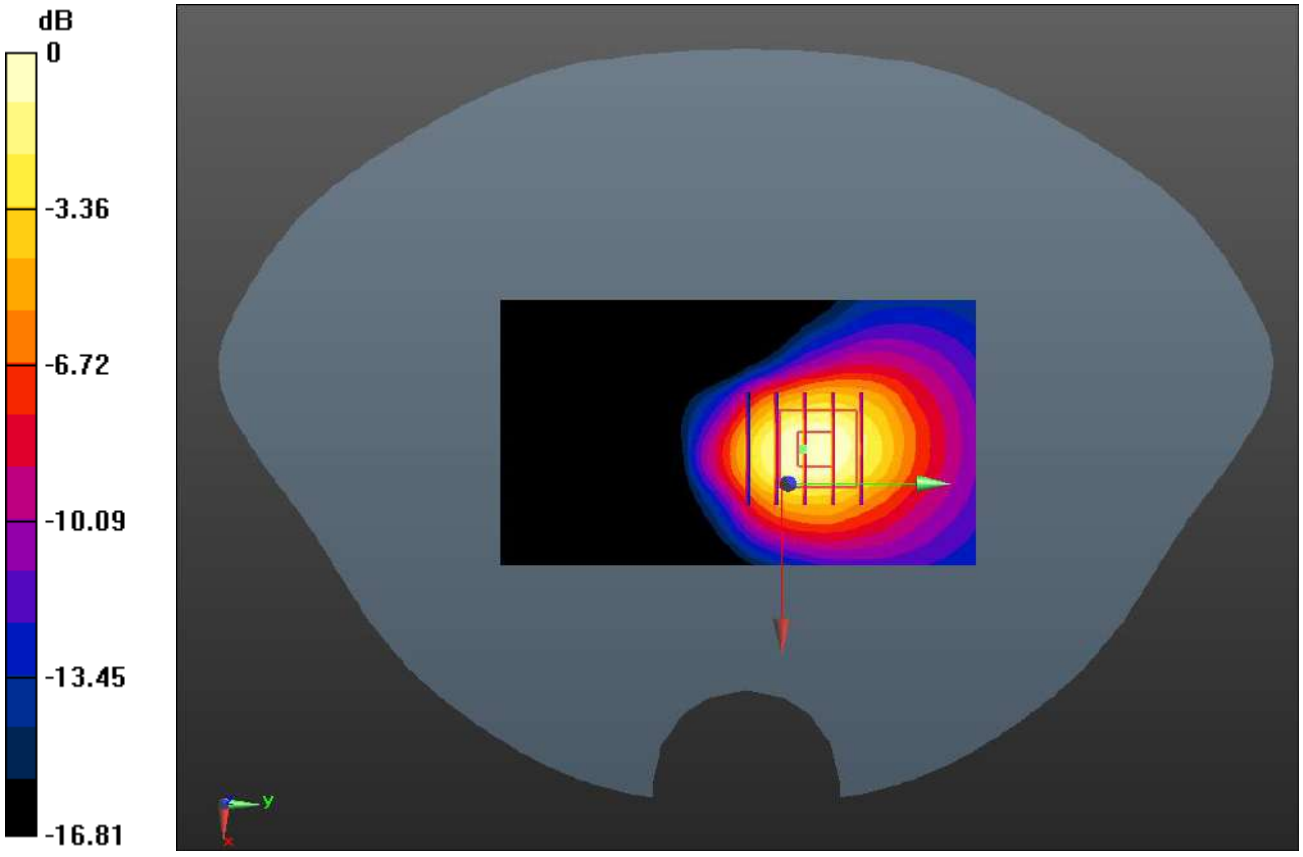
Ambient Temperature:22.5℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20050 /Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.844 W/kg

Ch20050 /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.41 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg

Meas.10 Body Plane with Right Edge 0mm on Low Channel in LTE Band4 mode with Antenna 1

Date: 2024.09.16

Communication System Band: Band 4; Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1720 MHz; σ = 1.363 S/m; ε_r = 41.018; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20050/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.79 W/kg

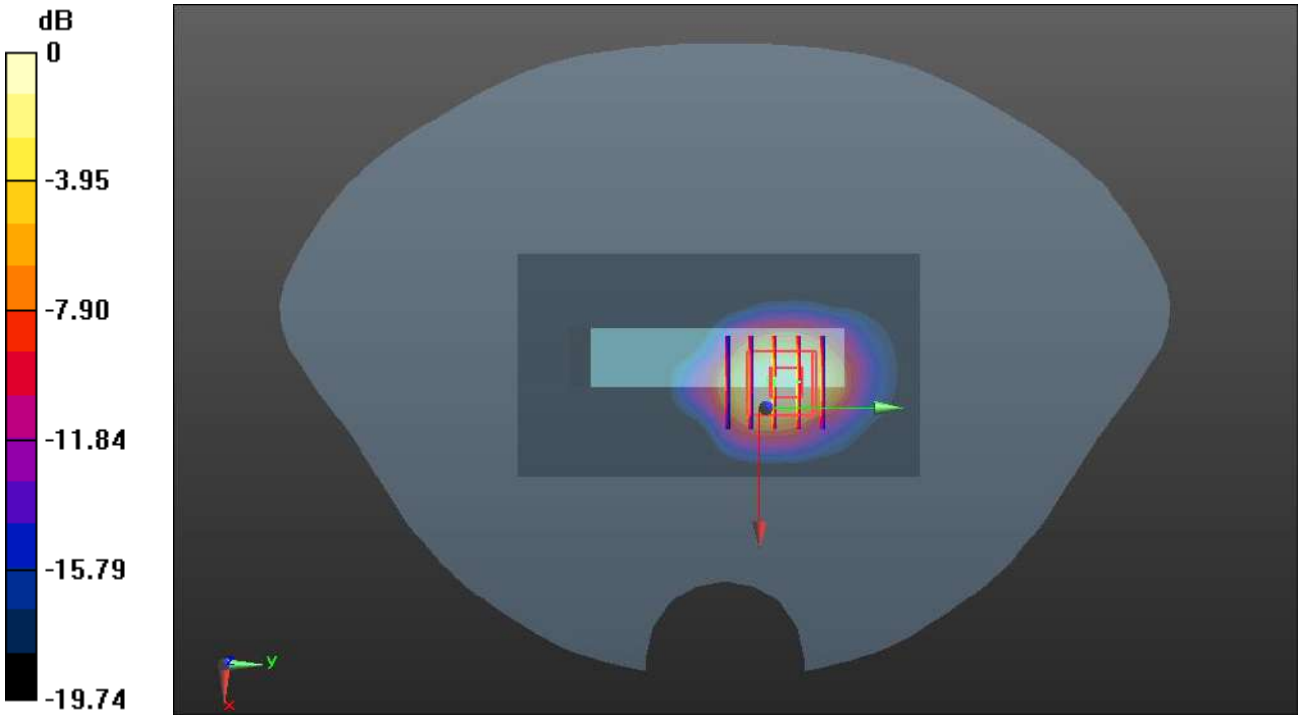
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.68 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 7.46 W/kg

SAR(1 g) = 3.8 W/kg; SAR(10 g) = 1.82 W/kg

Maximum value of SAR (measured) = 4.26 W/kg



0 dB = 4.26 W/kg

Meas.11 Body Plane with Back Side 10mm on Low Channel in LTE Band5 mode with Antenna 1

Date: 2024.09.11

Communication System Band: BAND 5; Frequency: 829 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 829 MHz; σ = 0.873 S/m; ε_r = 41.995; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.544 W/kg

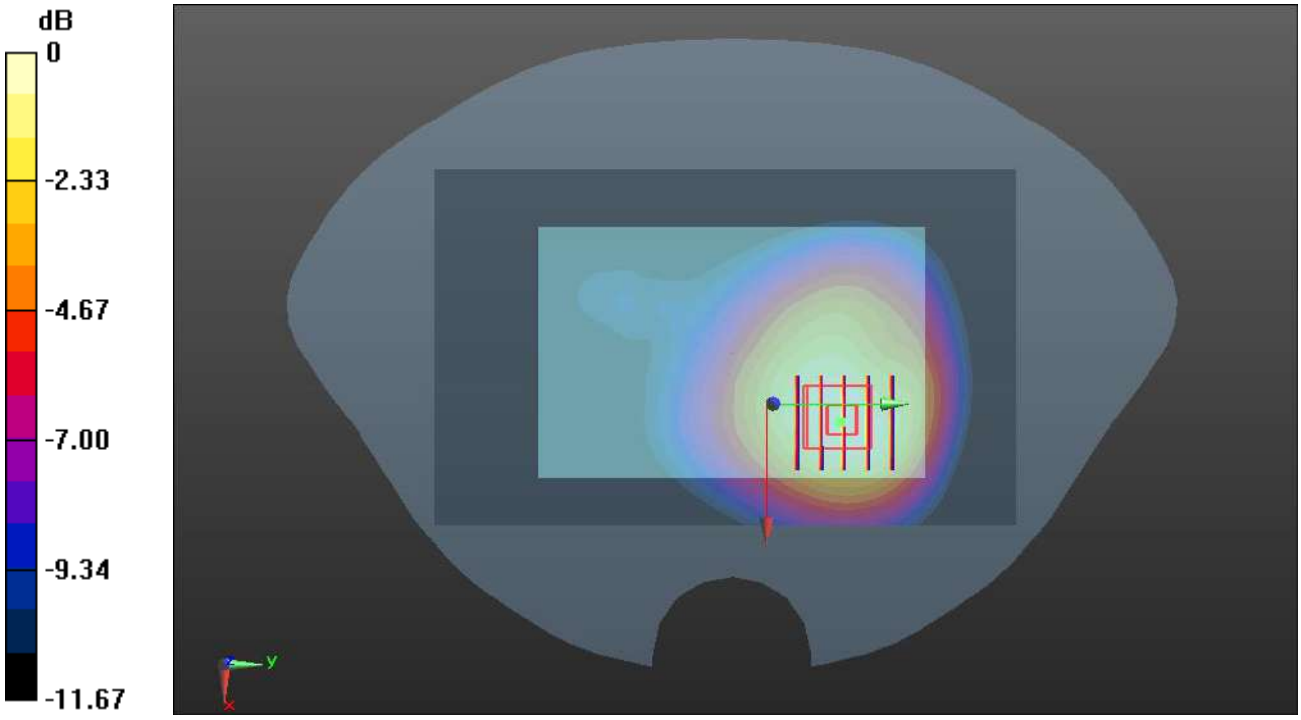
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.61 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.526 W/kg

Meas.12 Body Plane with Back Side 0mm on Low Channel in LTE Band5 mode with Antenna 1

Date: 2024.09.11

Communication System Band: BAND 5; Frequency: 829 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 829 MHz; σ = 0.873 S/m; ε_r = 41.995; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(9.99, 9.99, 9.99); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.85 W/kg

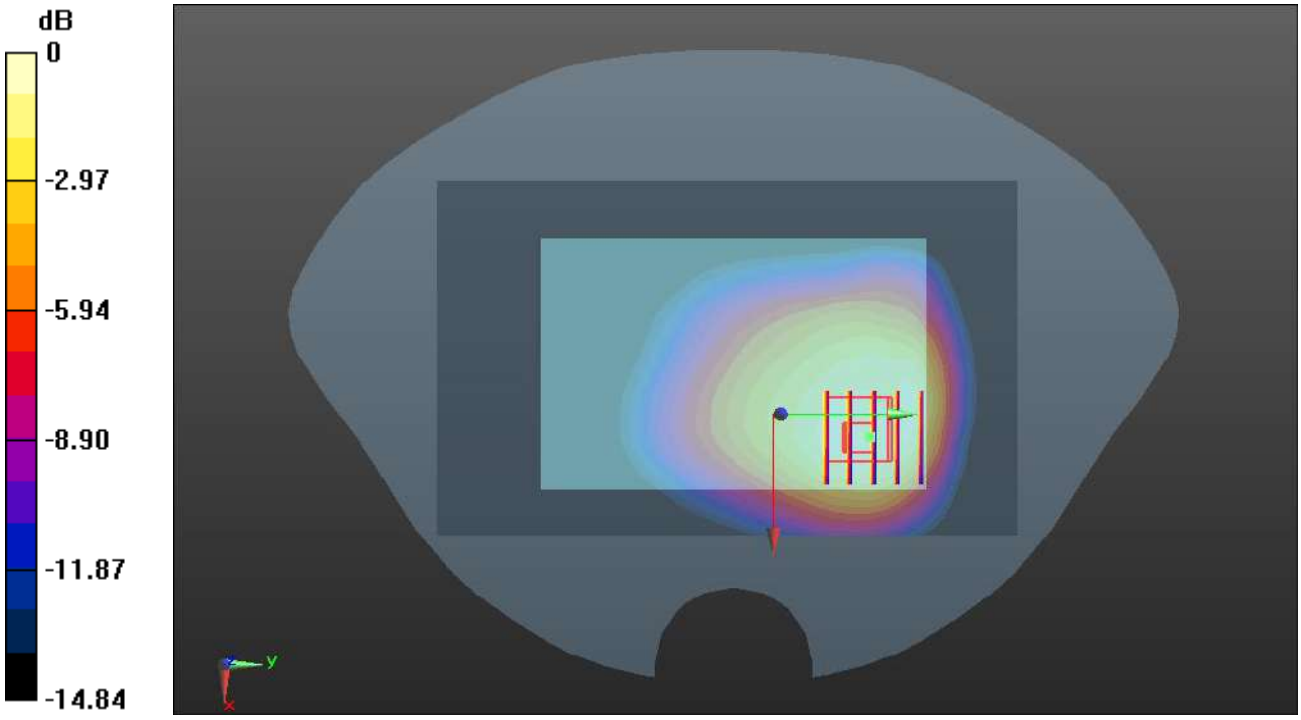
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.51 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 1.61 W/kg; SAR(10 g) = 0.999 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg

Meas.13 Body Plane with Back Side 10mm on High Channel in LTE Band7 mode with Antenna 0

Date: 2024.09.29

Communication System Band: BAND 7; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2560 MHz; σ = 1.922 S/m; ε_r = 39.773; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.371 W/kg

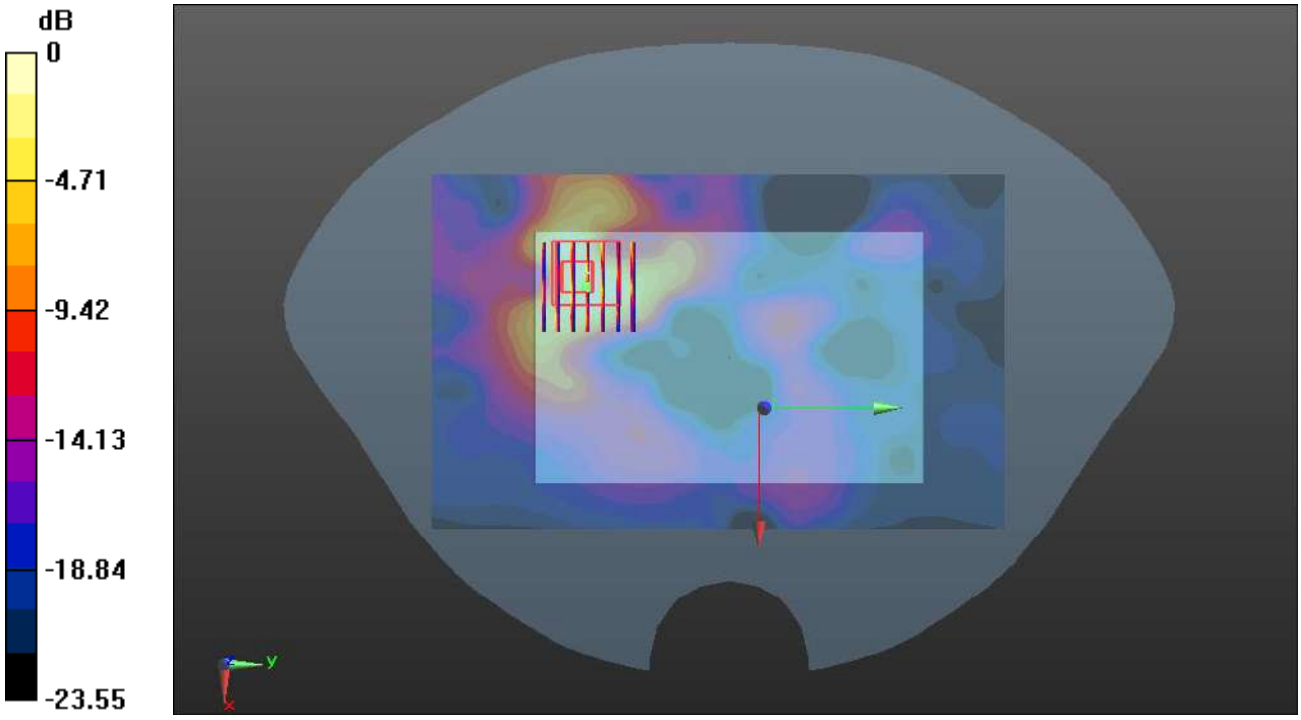
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.089 W/kg

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



0 dB = 0.330 W/kg

Meas.14 Body Plane with Left Edge 0mm on High Channel in LTE Band7 mode with Antenna 0

Date: 2024.09.29

Communication System Band: BAND 7; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2560 MHz; σ = 1.922 S/m; ε_r = 39.773; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

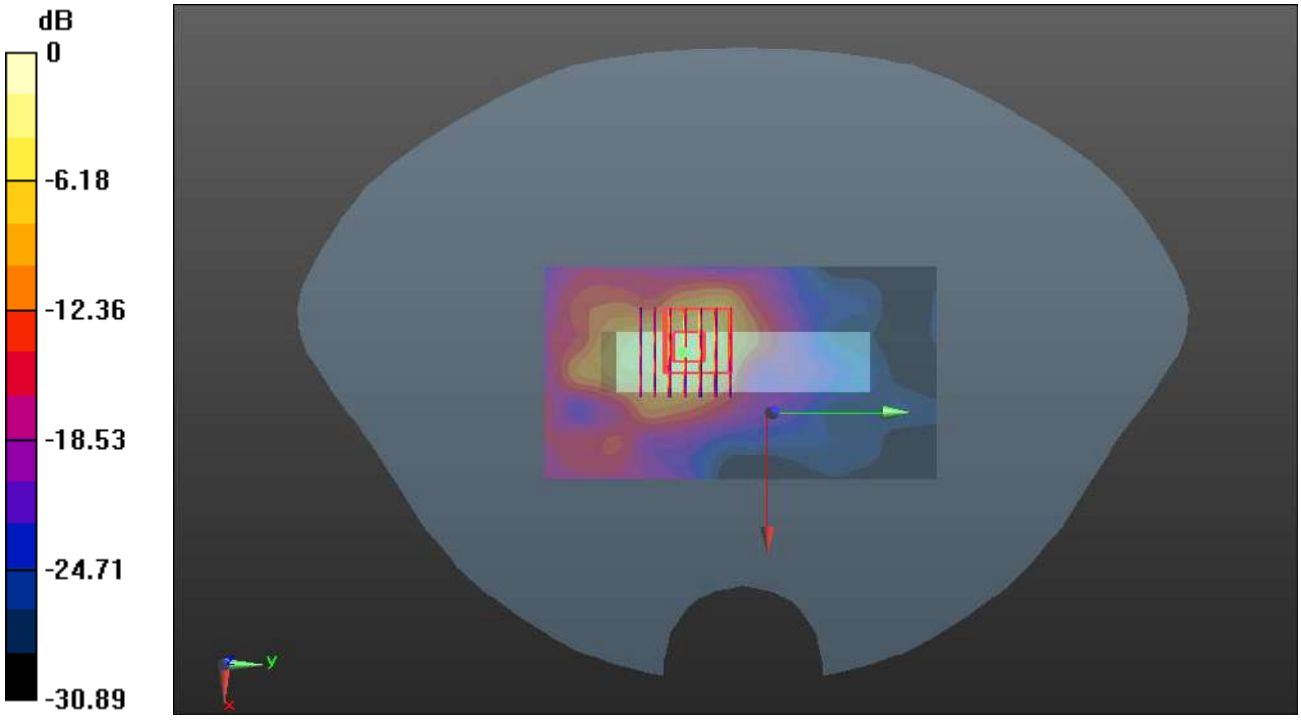
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.58 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg

Meas.15 Body Plane with Back Side 10mm on Low Channel in LTE Band12 mode with Antenna 1

Date: 2024.09.09

Communication System Band: BAND 12; Frequency: 704 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 704 MHz; σ = 0.883 S/m; ε_r = 42.732; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.309 W/kg

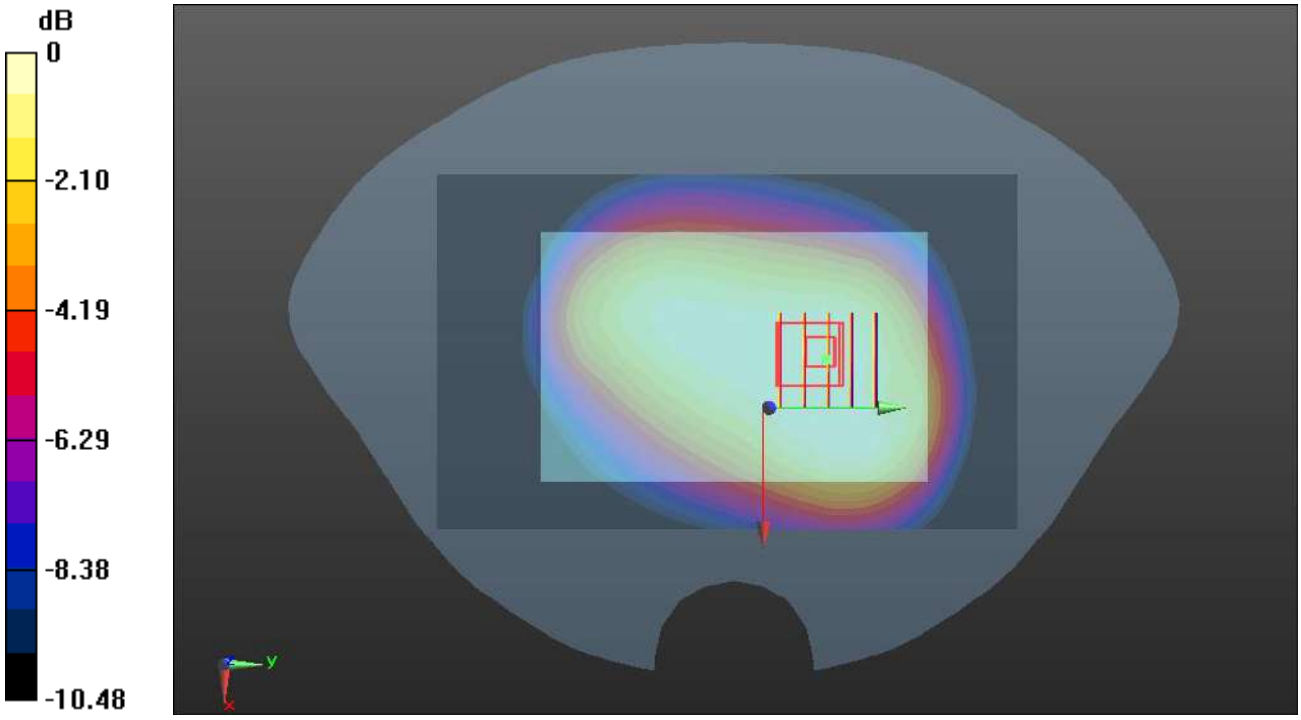
Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.54 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg

Meas.16 Body Plane with Back Side 0mm on Low Channel in LTE Band12 mode with Antenna 1

Date: 2024.09.09

Communication System Band: BAND 12; Frequency: 704 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 704 MHz; σ = 0.883 S/m; ε_r = 42.732; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

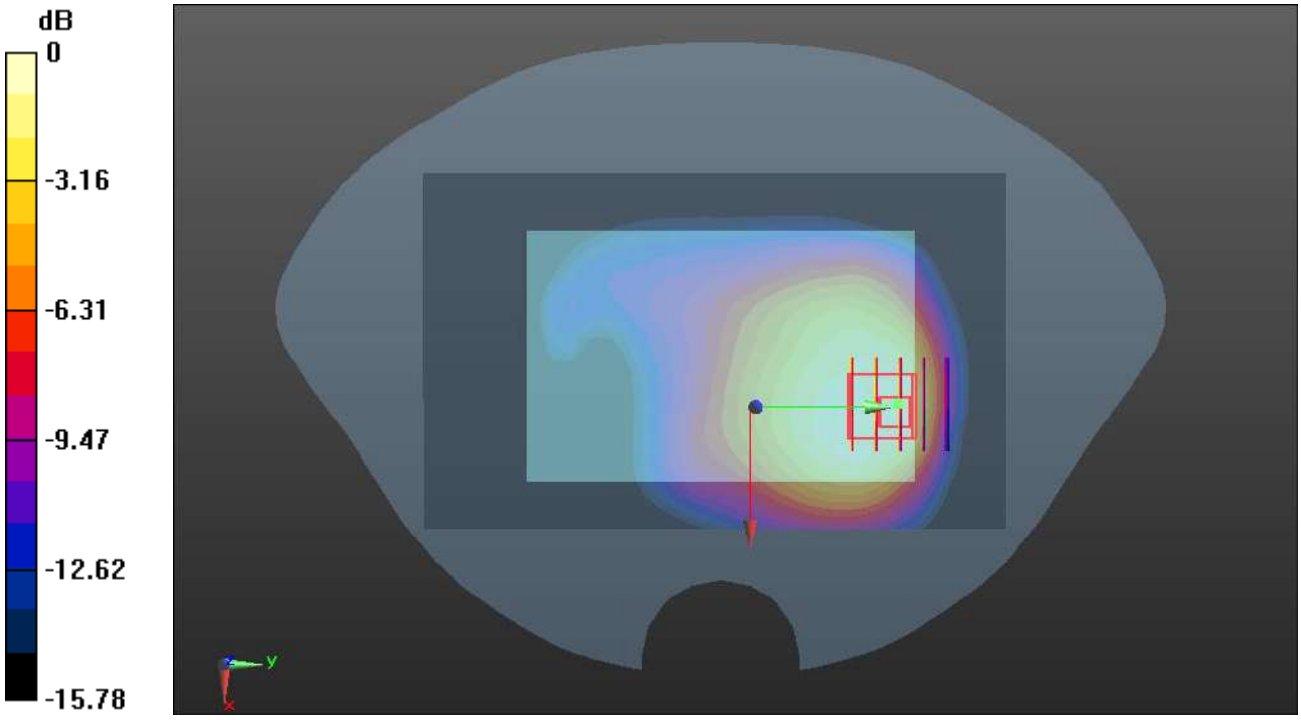
Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.95 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.908 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg

Meas.17 Body Plane with Back Side 10mm on Middle Channel in LTE Band14 mode with Antenna 1

Date: 2024.09.10

Communication System Band: Band 14; Frequency: 793 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 793 MHz; σ = 0.885 S/m; ε_r = 41.141; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23330/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.350 W/kg

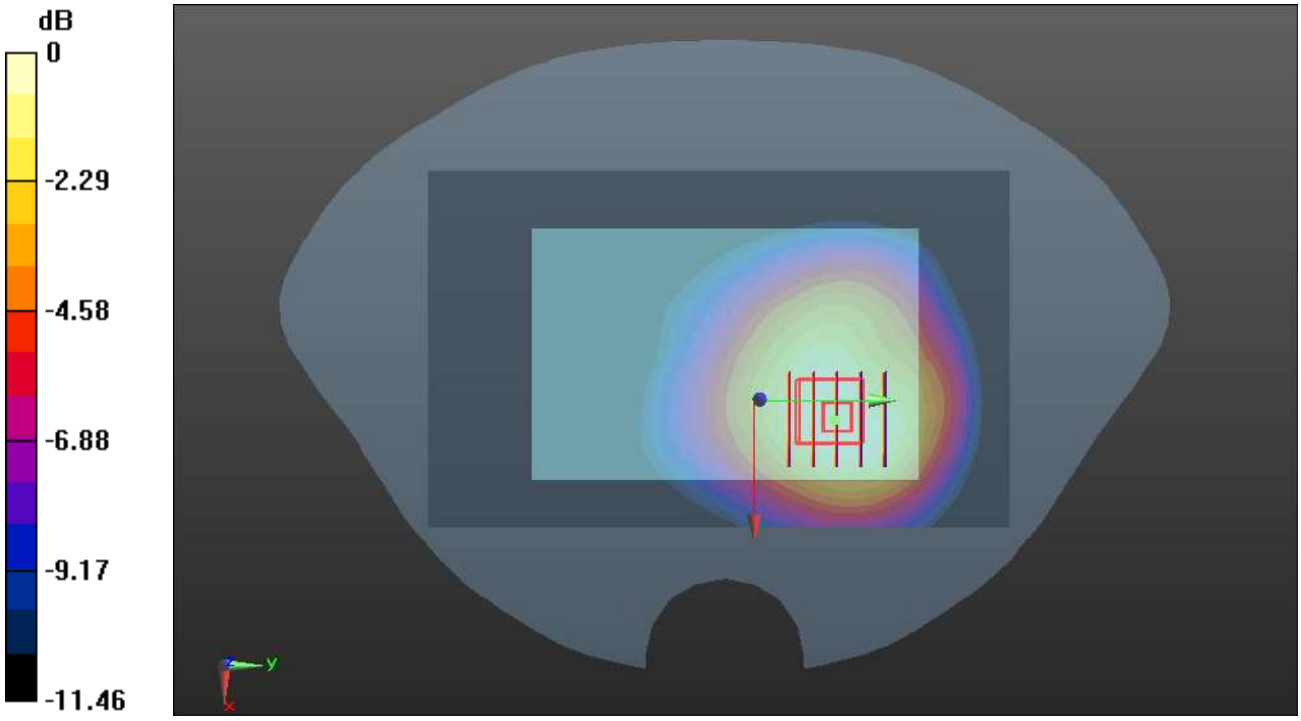
Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg

Meas.18 Body Plane with Back Side 0mm on Middle Channel in LTE Band14 mode with Antenna 1

Date: 2024.09.10

Communication System Band: Band 14; Frequency: 793 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 793 MHz; σ = 0.885 S/m; ε_r = 41.141; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23330/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

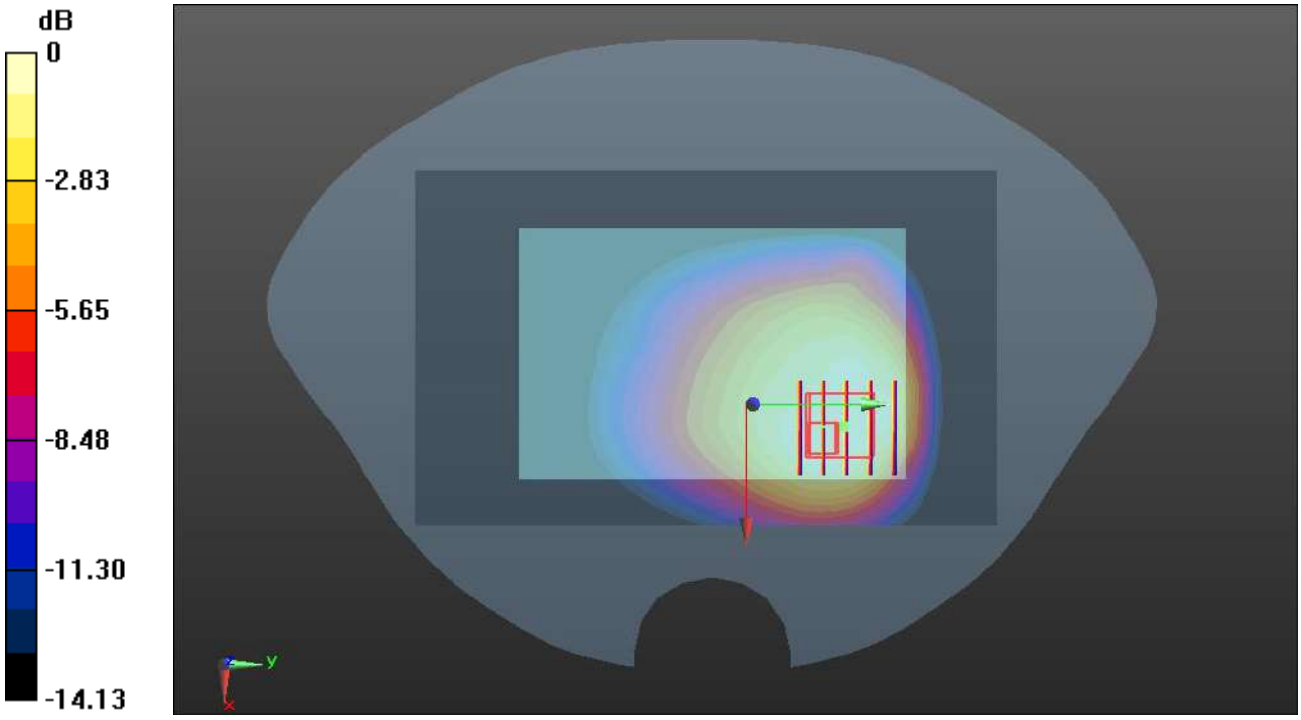
Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.48 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.693 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

Meas.19 Body Plane with Back Side 10mm on Middle Channel in LTE Band26 mode with Antenna 1

Date: 2024.09.13

Communication System Band: BAND 26; Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.892 S/m; ε_r = 41.096; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ 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 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.633 W/kg

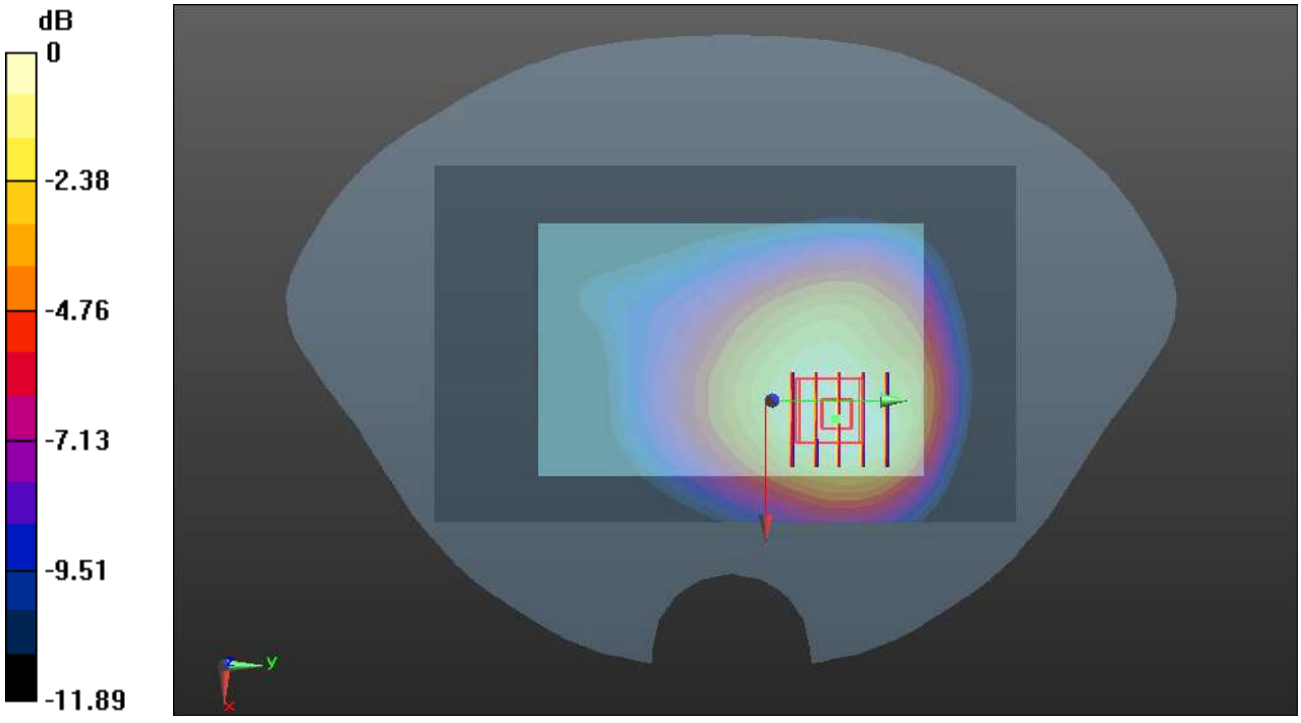
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.54 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.376 W/kg

Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg

Meas.20 Body Plane with Back Side 0mm on Middle Channel in LTE Band26 mode with Antenna 1

Date: 2024.09.13

Communication System Band: BAND 26; Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.892 S/m; ε_r = 41.096; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ 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 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

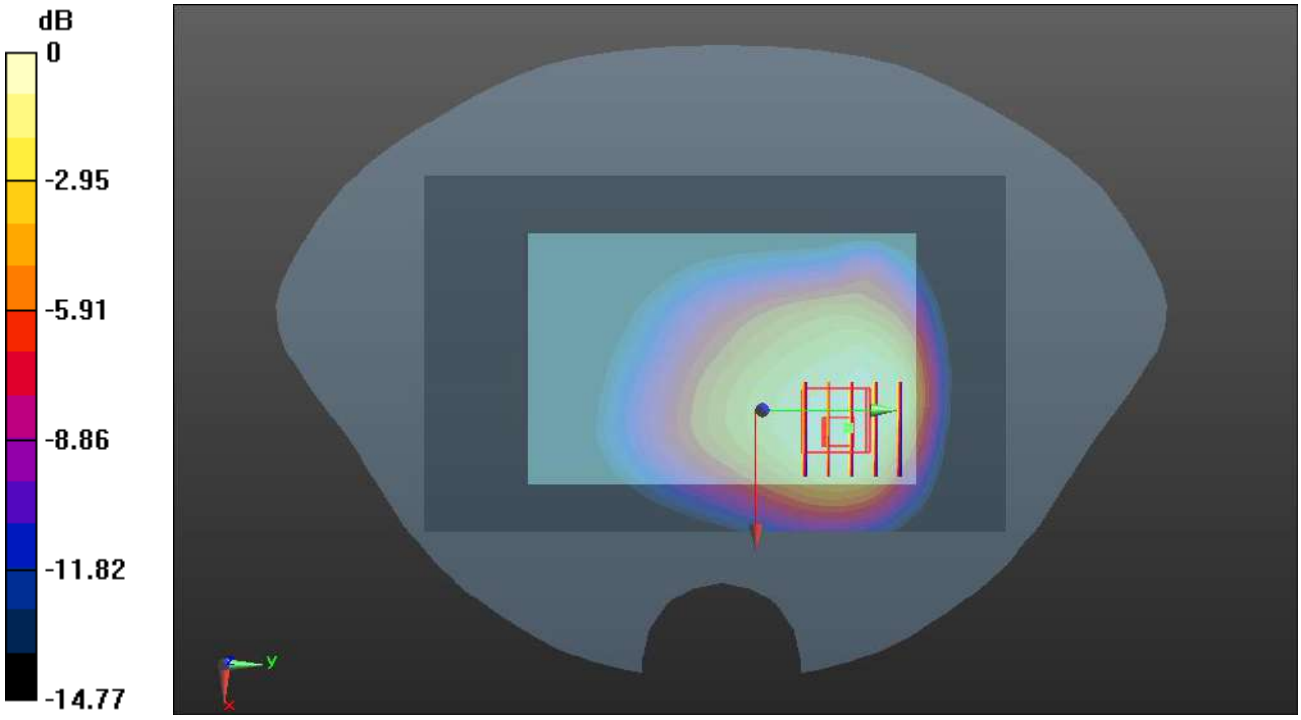
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.84 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.49 W/kg; SAR(10 g) = 0.930 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg

Meas.21 Body Plane with Back Side 10mm on Middle Channel in LTE Band30 mode with Antenna 0

Date: 2024.09.25

Communication System Band: BAND 30; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2310 MHz; σ = 1.705 S/m; ε_r = 40.392; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.93, 7.93, 7.93); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.507 W/kg

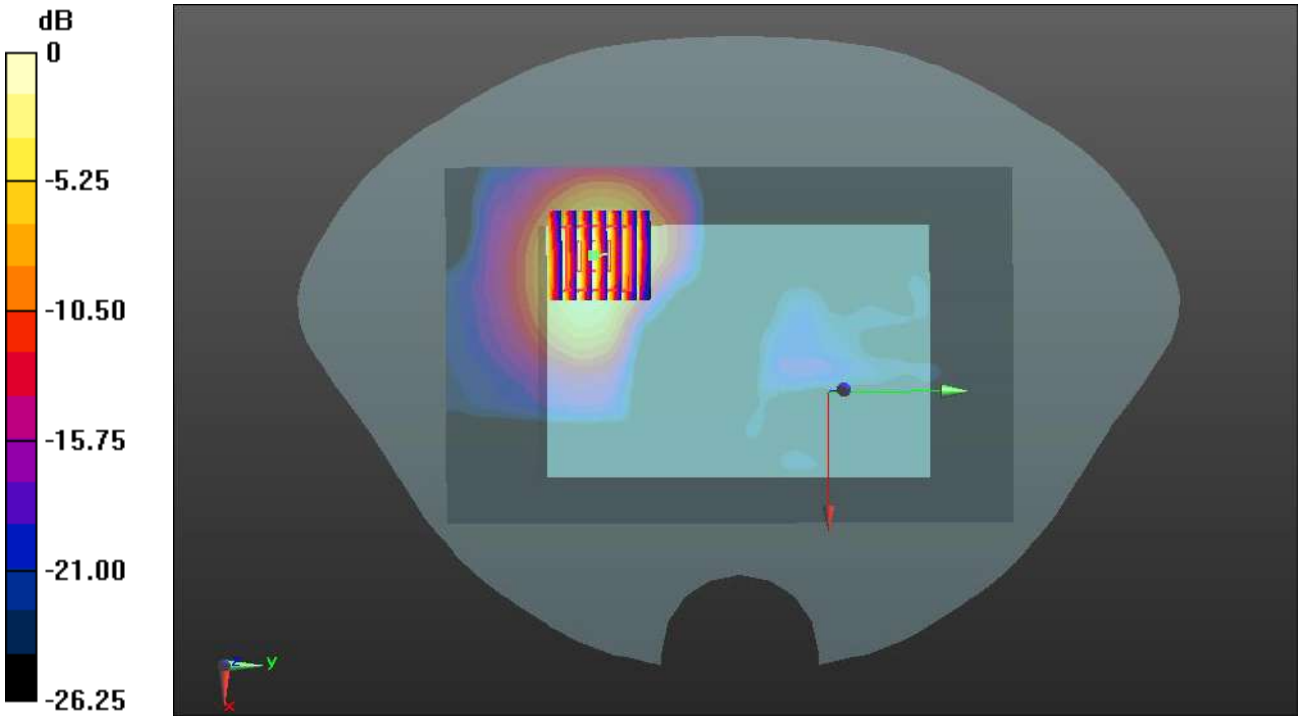
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.017 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.699 W/kg



0 dB = 0.699 W/kg

Meas.22 Body Plane with Back Side 0mm on Middle Channel in LTE Band30 mode with Antenna 0

Date: 2024.09.25

Communication System Band: BAND 30; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2310 MHz; σ = 1.705 S/m; ε_r = 40.392; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.93, 7.93, 7.93); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.43 W/kg

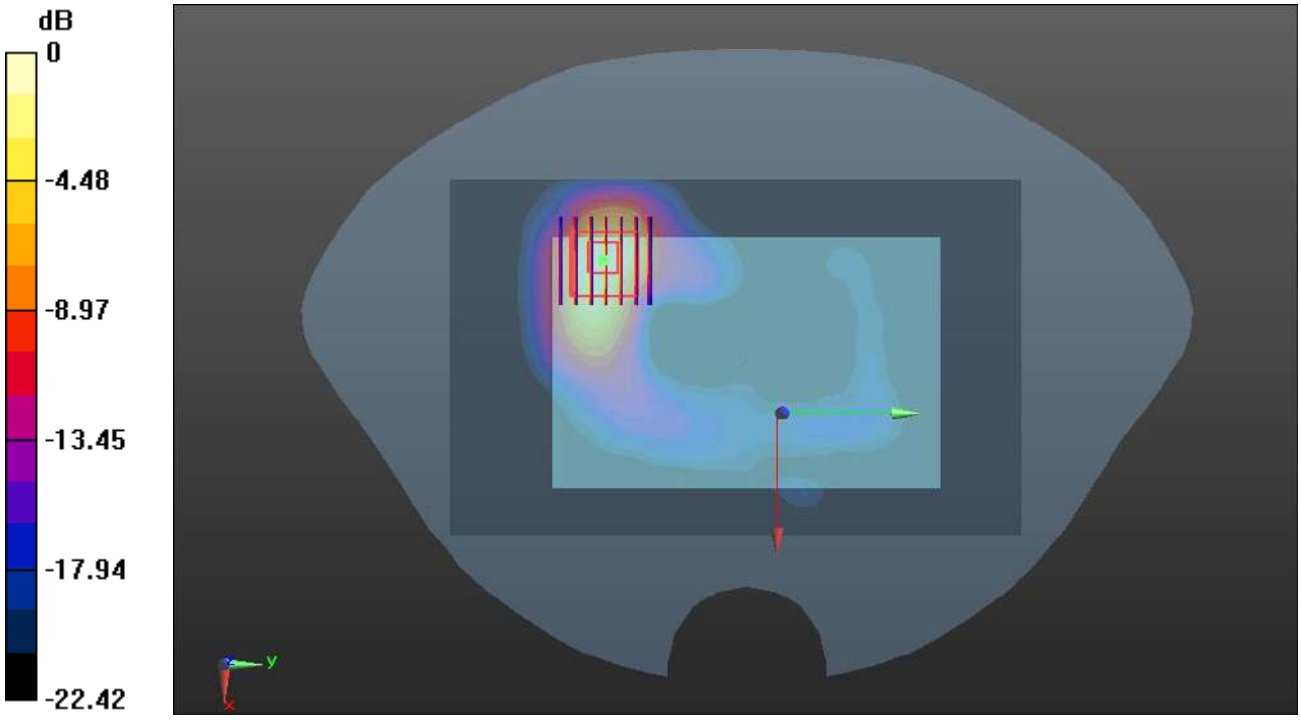
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.196 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.44 W/kg

SAR(1 g) = 3.27 W/kg; SAR(10 g) = 1.37 W/kg

Maximum value of SAR (measured) = 3.90 W/kg



0 dB = 3.90 W/kg

Meas.23 Body Plane with Right Edge 10mm on Middle Channel in LTE Band66 mode with Antenna 1

Date: 2024.09.17
Communication System Band: Band 66; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.364 S/m; ε_r = 40.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

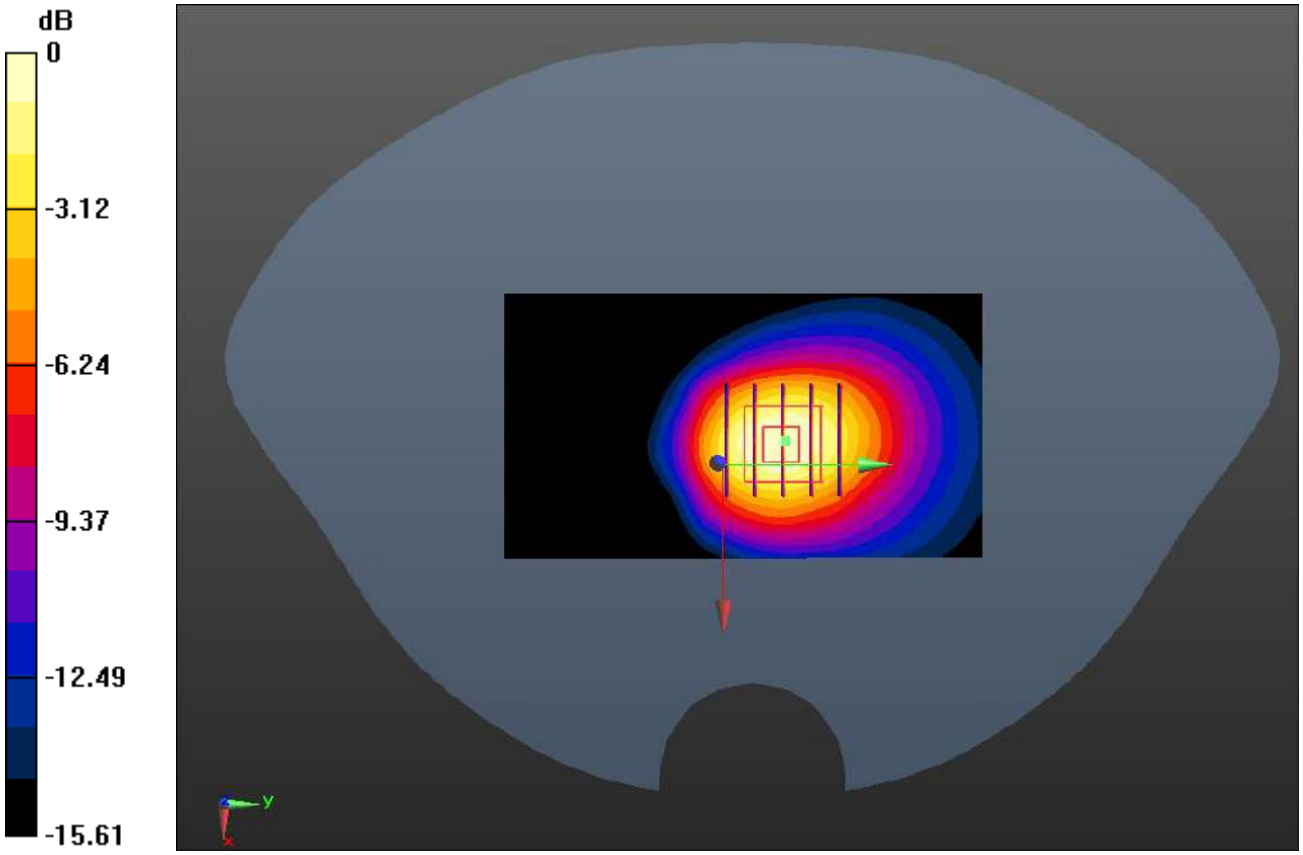
Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.31 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.482 W/kg
Maximum value of SAR (measured) = 0.938 W/kg



0 dB = 0.938 W/kg

Meas.24 Body Plane with Right Edge 0mm on Middle Channel in LTE Band66 mode with Antenna 0

Date: 2024.09.17

Communication System Band: Band 66; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1745 MHz; σ = 1.364 S/m; ε_r = 40.16; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

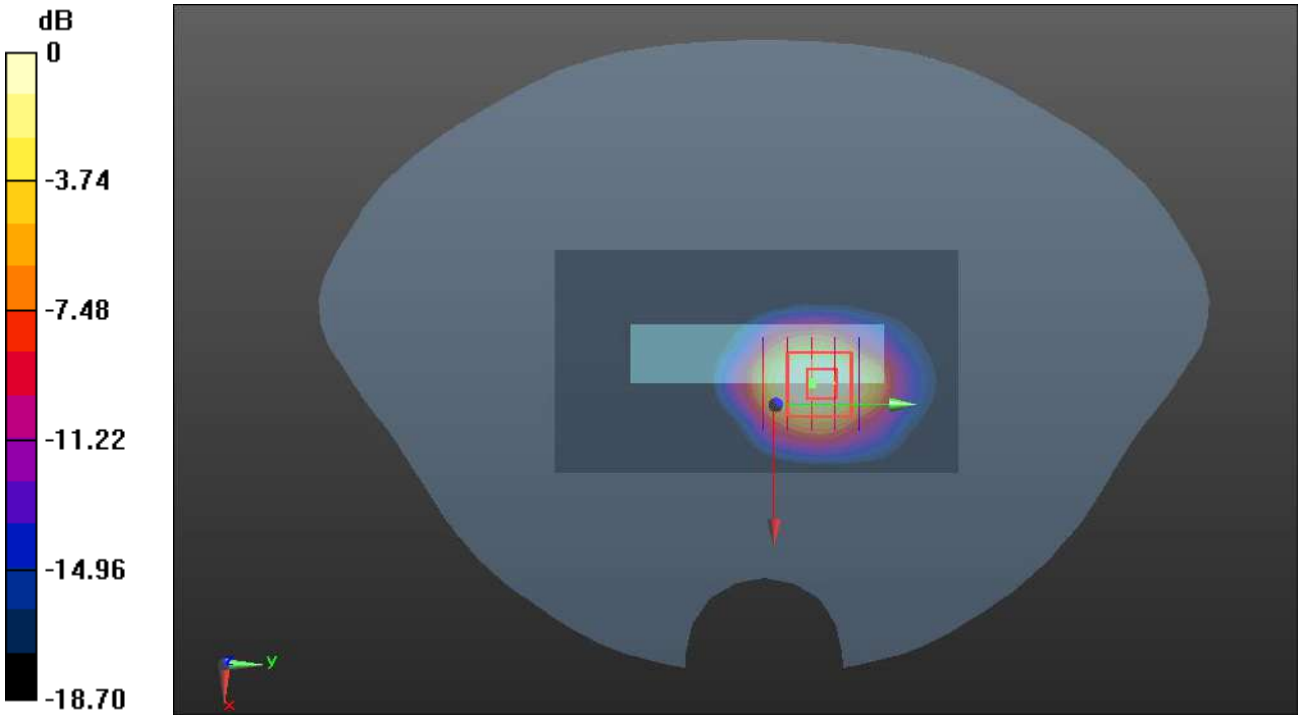
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.22 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 5.32 W/kg

SAR(1 g) = 3.21 W/kg; SAR(10 g) = 1.55 W/kg

Maximum value of SAR (measured) = 3.82 W/kg



0 dB = 3.82 W/kg

Meas.25 Body Plane with Top Edge 10mm on Low Channel in LTE Band38 mode with Antenna 0

Date: 2024.09.27

Communication System Band: BAND 38; Frequency: 2580 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2580 MHz; σ = 1.93 S/m; ε_r = 40.375; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

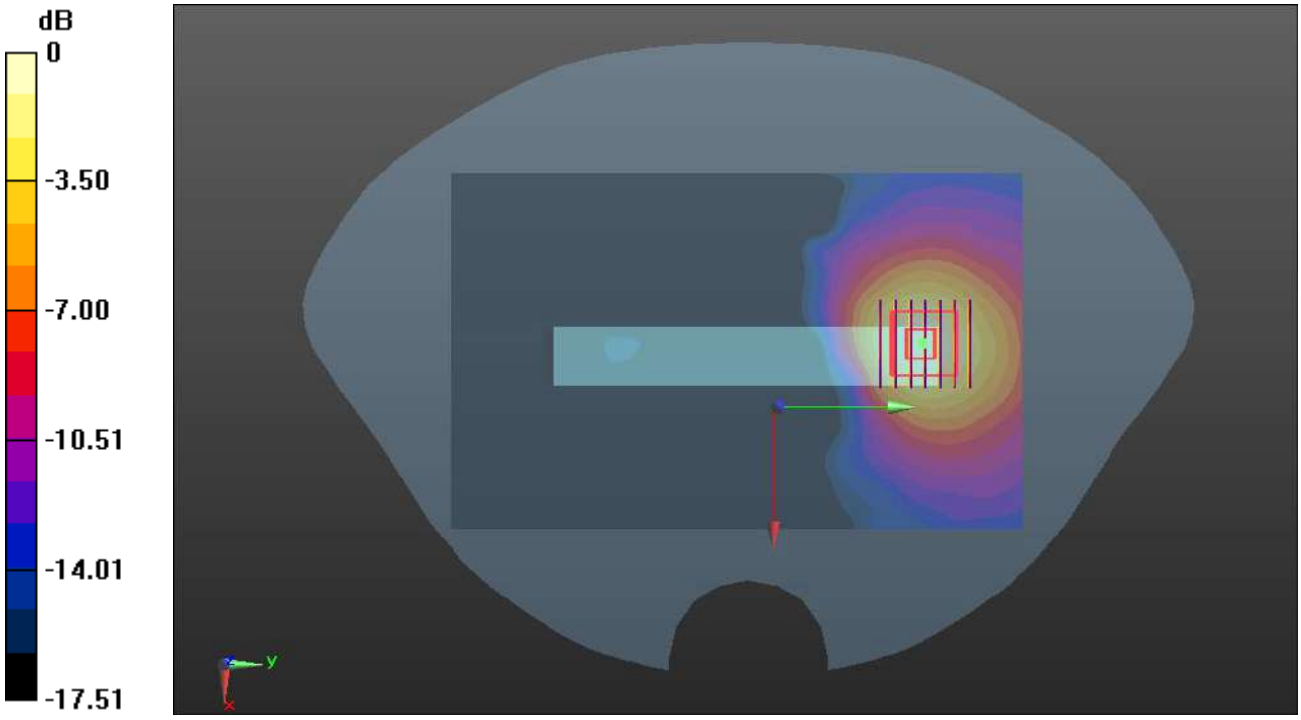
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.091 W/kg

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



0 dB = 0.189 W/kg

Meas.26 Body Plane with Left Edge 0mm on Low Channel in LTE Band38 mode with Antenna 0

Date: 2024.09.27

Communication System Band: BAND 38; Frequency: 2580 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2580 MHz; σ = 1.93 S/m; ε_r = 40.375; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.59, 7.59, 7.59); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.971 W/kg

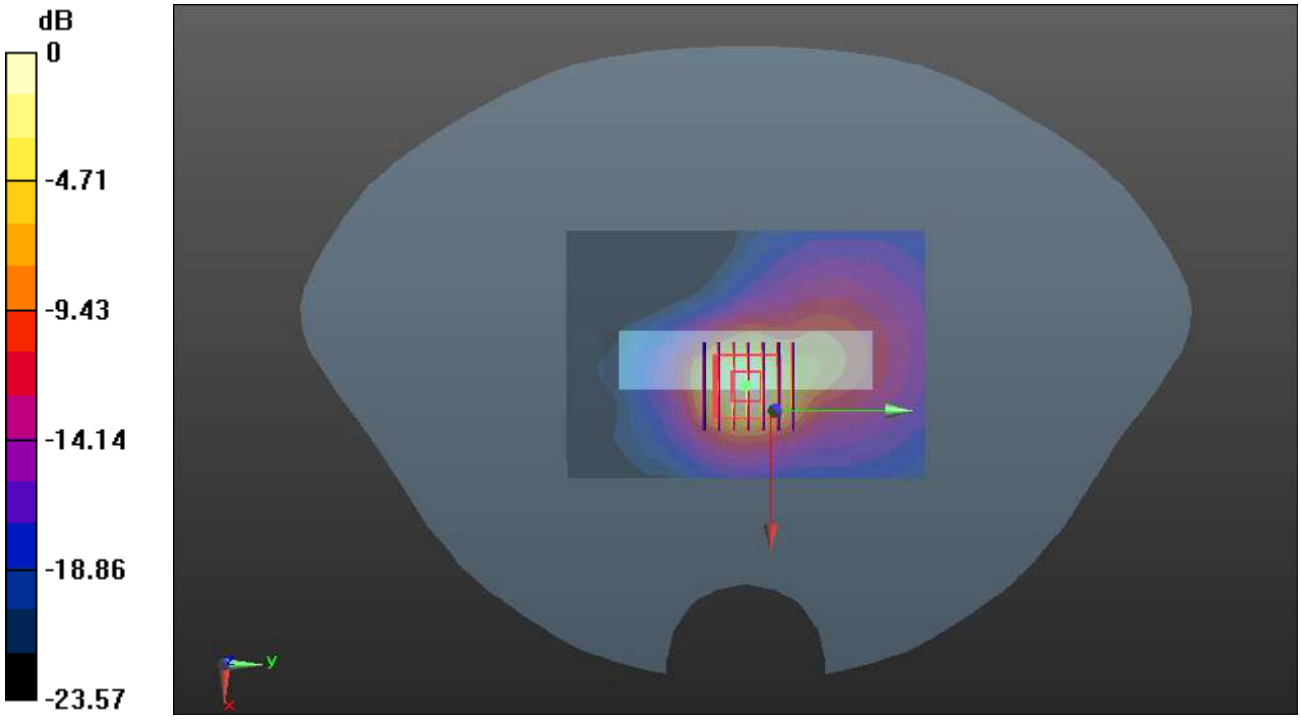
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.03 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.892 W/kg



0 dB = 0.892 W/kg

Meas.27 Body Plane with Back Side 10mm on Low Channel in LTE Band40 mode with Antenna 0

Date: 2024.09.26

Communication System Band: BAND 40; Frequency: 2310 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2310 MHz; σ = 1.656 S/m; ε_r = 40.317; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.93, 7.93, 7.93); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.521 W/kg

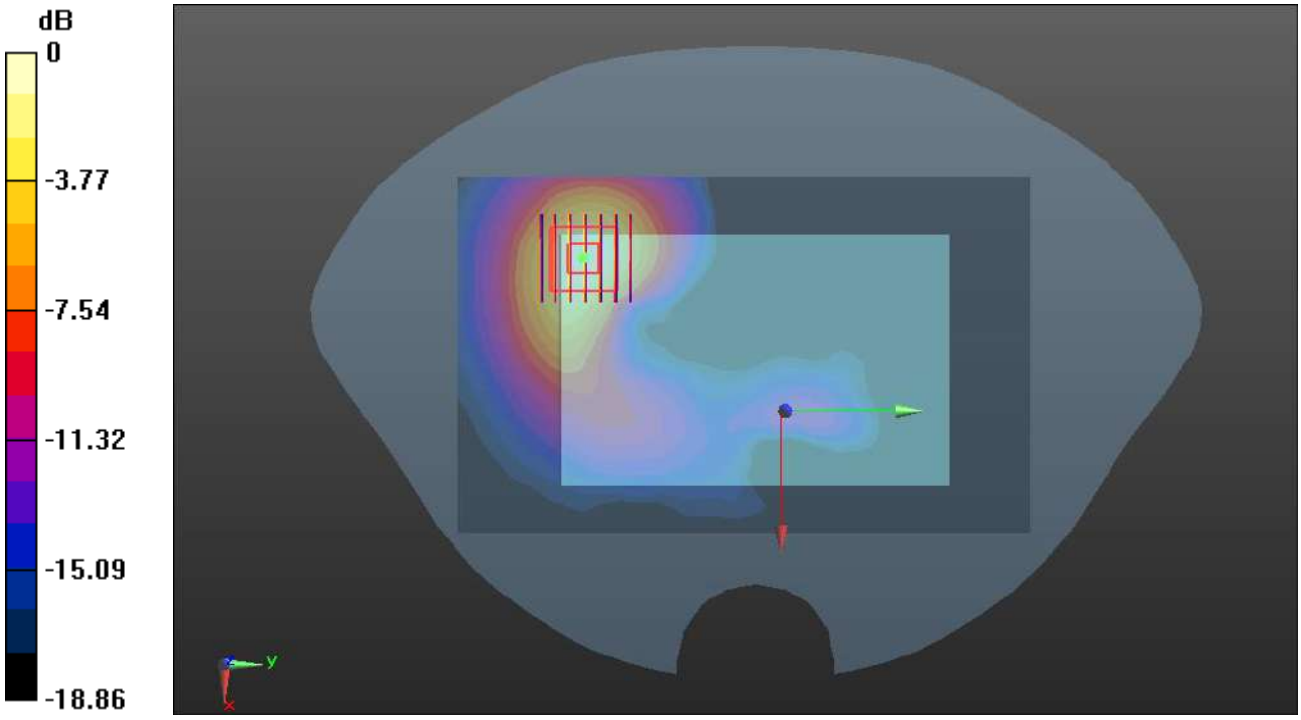
Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.372 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.503 W/kg



0 dB = 0.503 W/kg

Meas.28 Body Plane with Back Side 0mm on Low Channel in LTE Band40 mode with Antenna 0

Date: 2024.09.26

Communication System Band: BAND 40; Frequency: 2310 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2310 MHz; σ = 1.656 S/m; ε_r = 40.317; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3℃ Liquid Temperature:21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.93, 7.93, 7.93); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.01 W/kg

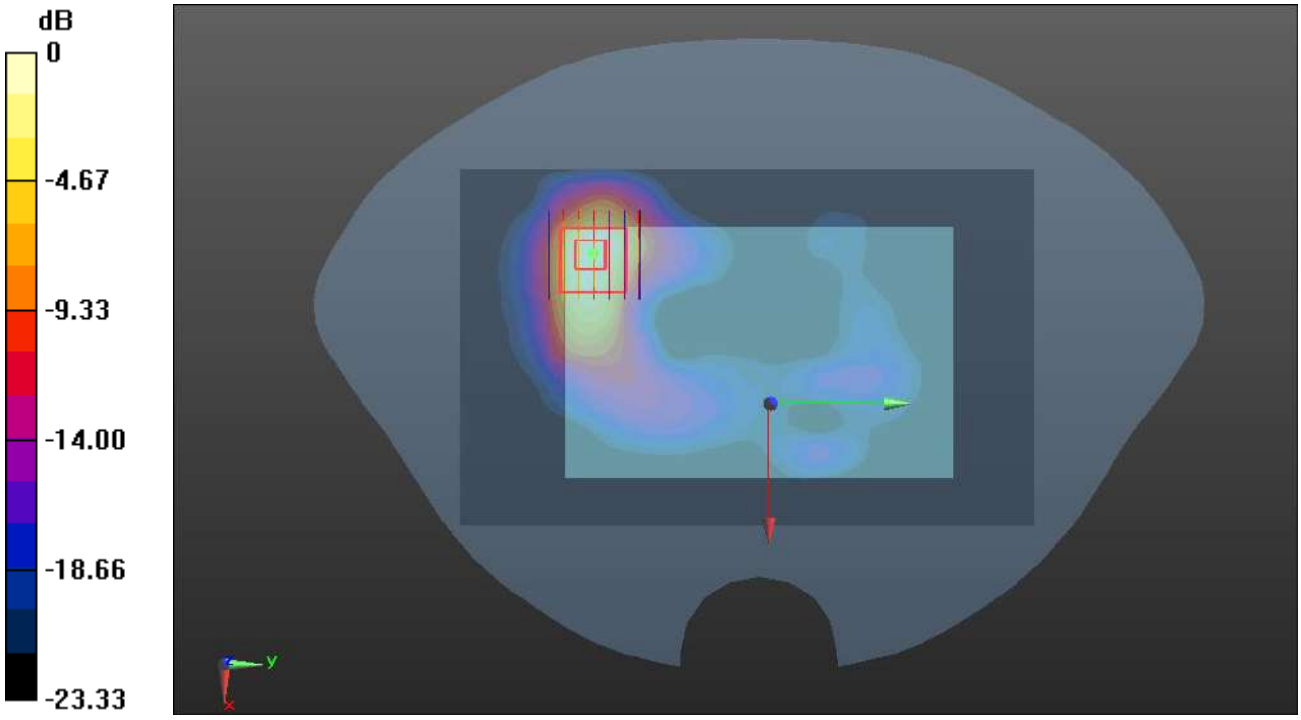
Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.172 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 2.16 W/kg; SAR(10 g) = 0.792 W/kg

Maximum value of SAR (measured) = 2.67 W/kg



0 dB = 2.67 W/kg

Meas.29 Body Plane with Top Edge 10mm on Low Channel in LTE Band41 mode with Antenna 0

Date: 2024.09.28

Communication System Band: BAND41; Frequency: 2506 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2506 MHz; σ = 1.799 S/m; ε_r = 39.687; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

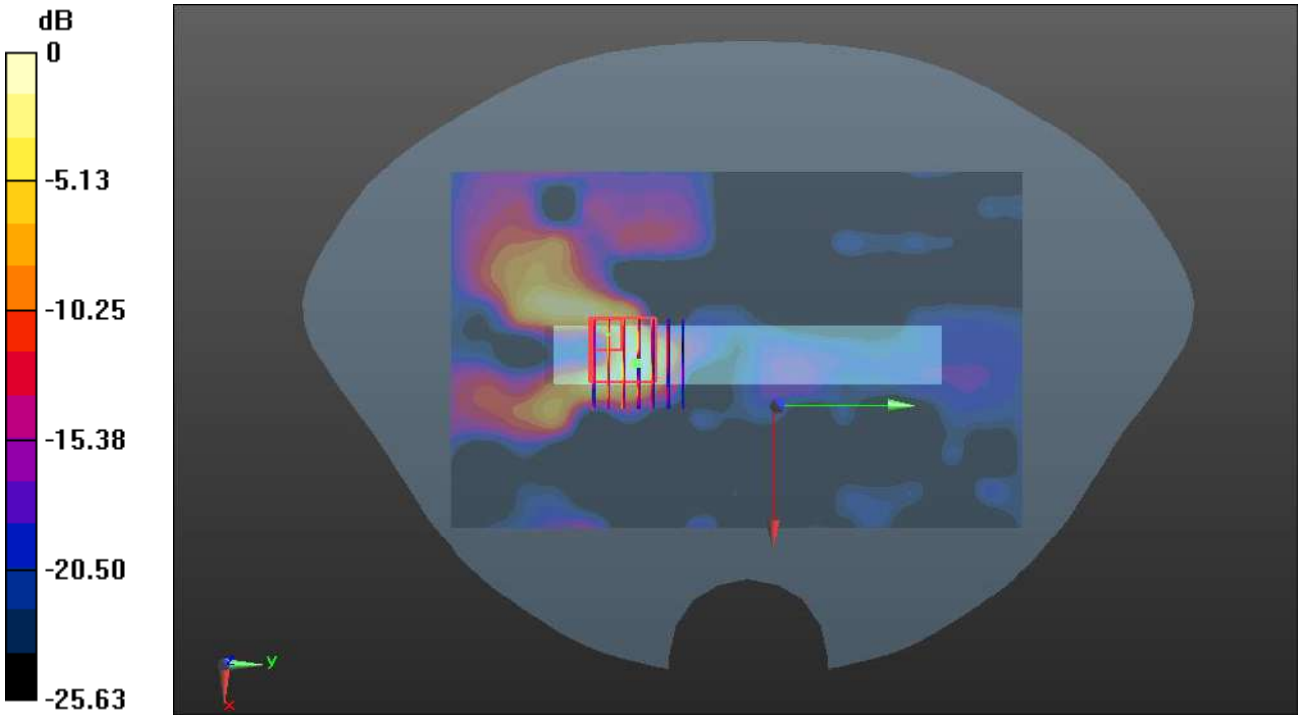
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg

Meas.30 Body Plane with Left Edge 0mm on Low Channel in LTE Band41 mode with Antenna 0

Date: 2024.09.28

Communication System Band: BAND41; Frequency: 2506 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2506 MHz; σ = 1.799 S/m; ε_r = 39.687; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.75, 7.75, 7.75); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.78 W/kg

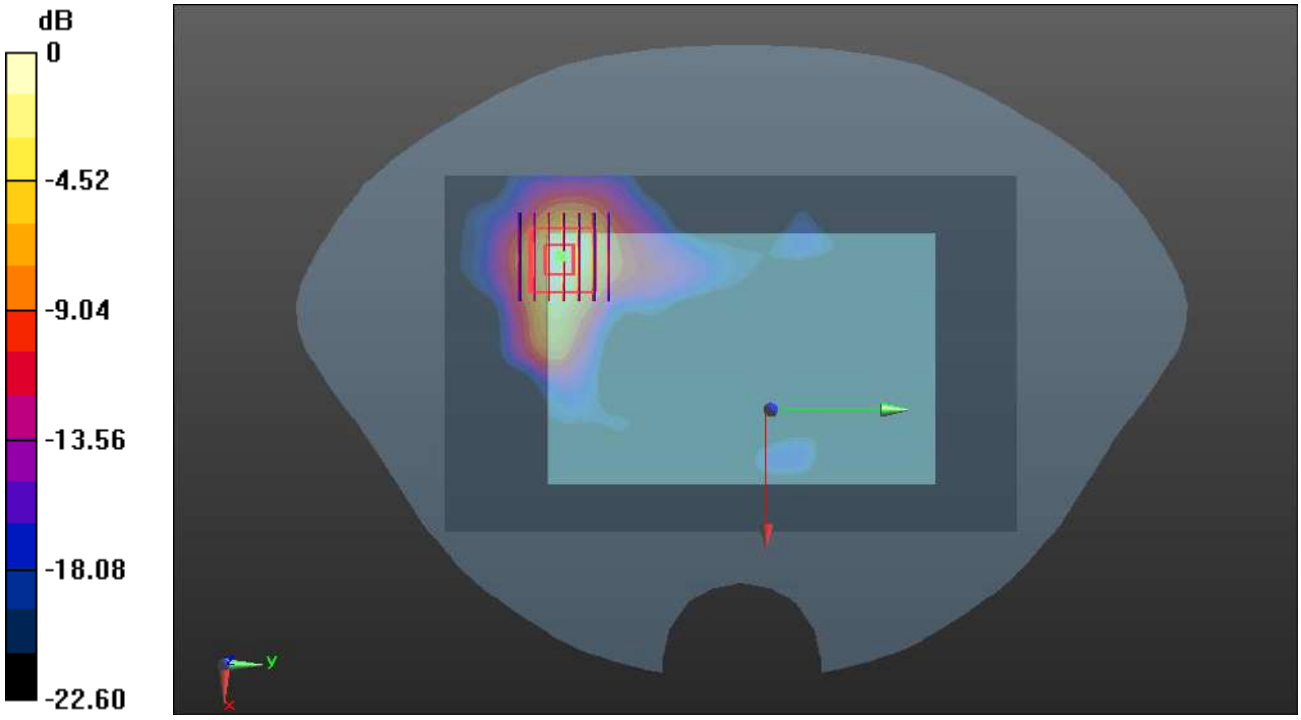
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.178 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.569 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg

Meas.31 Body Plane with Right Edge 10mm on Low Channel in LTE Band48 mode with Antenna 1

Date: 2024.10.09

Communication System Band: Band48; Frequency: 3560 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 3560 MHz; σ = 2.991 S/m; ε_r = 38.11; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.11, 7.11, 7.11); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch55340/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.217 W/kg

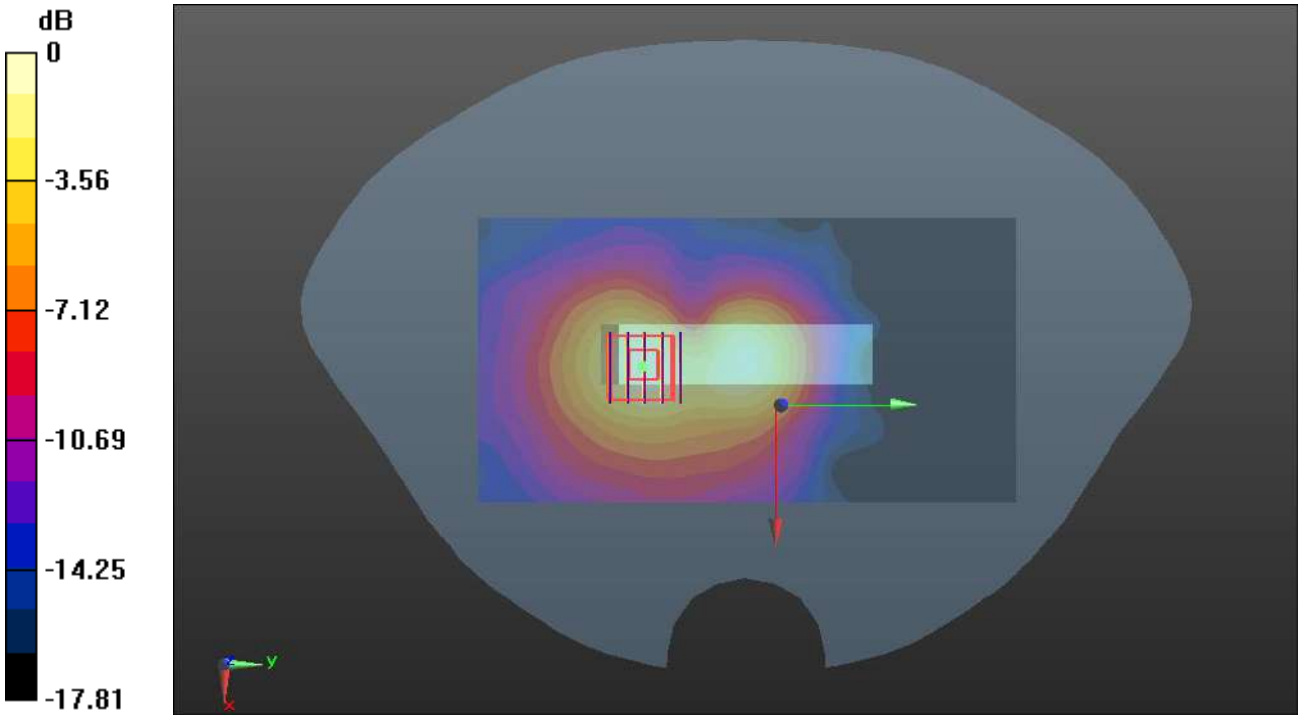
Ch55340/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 7.702 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg

Meas.32 Body Plane with Right Edge 0mm on Low Channel in LTE Band48 mode with Antenna 1

Date: 2024.10.09

Communication System Band: Band48; Frequency: 3560 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 3560 MHz; σ = 2.991 S/m; ε_r = 38.11; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.11, 7.11, 7.11); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch55340/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

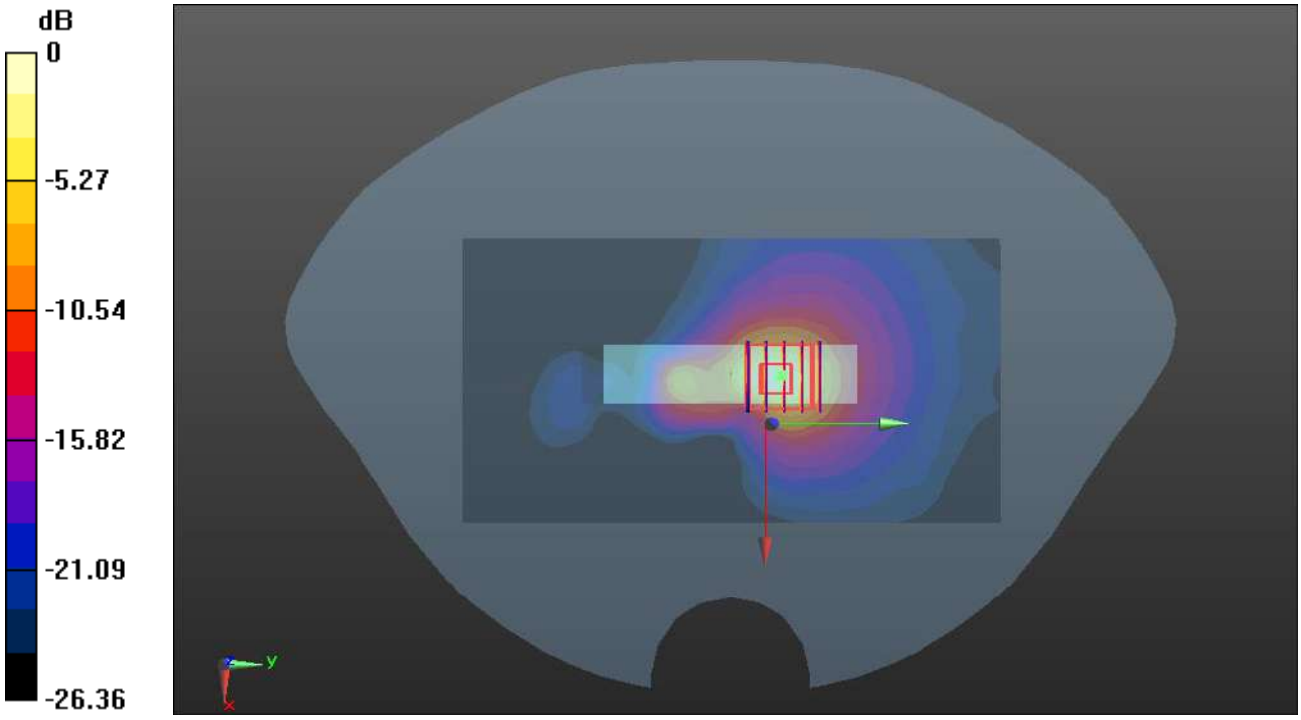
Ch55340/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 10.72 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.06 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.397 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg

Meas.33 Body Plane with Right Edge 10mm on 374000 Channel in NR Band2 mode with Antenna 1

Date: 2024.12.30

Communication System Band: N2; Frequency: 1870 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1870 MHz; σ = 1.372 S/m; ε_r = 40.748; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch374000/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

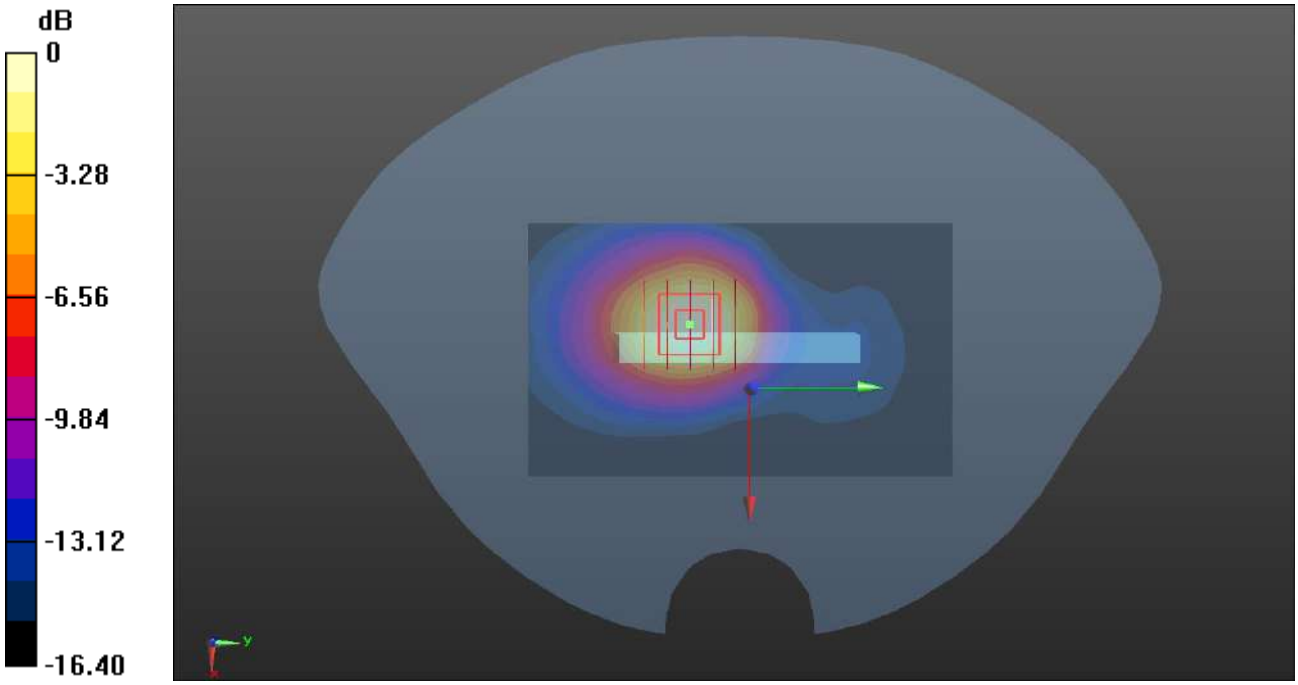
Ch374000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.83 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.438 W/kg



0 dB = 0.438 W/kg

Meas.34 Body Plane with Back Side 0mm on 376000 Channel in NR Band2 mode with Antenna 0

Date: 2024.12.30

Communication System Band: N2; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.378 S/m; ε_r = 40.544; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.33, 8.33, 8.33); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch376000/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.55 W/kg

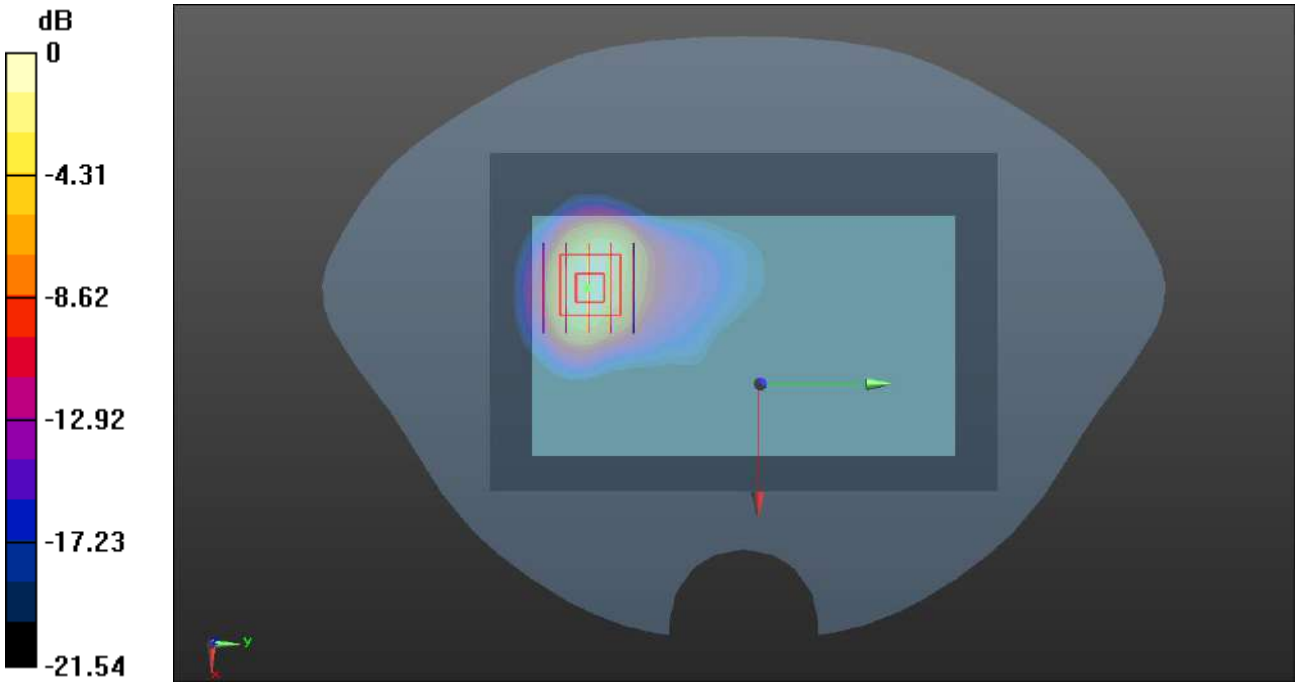
Ch376000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.954 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.618 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg

Meas.35 Body Plane with Back Side 10mm on 167300 Channel in NR Band5 mode with Antenna 1

Date: 2024.09.12

Communication System Band: N5; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.917 S/m; ε_r = 40.048; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ 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 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167300/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.945 W/kg

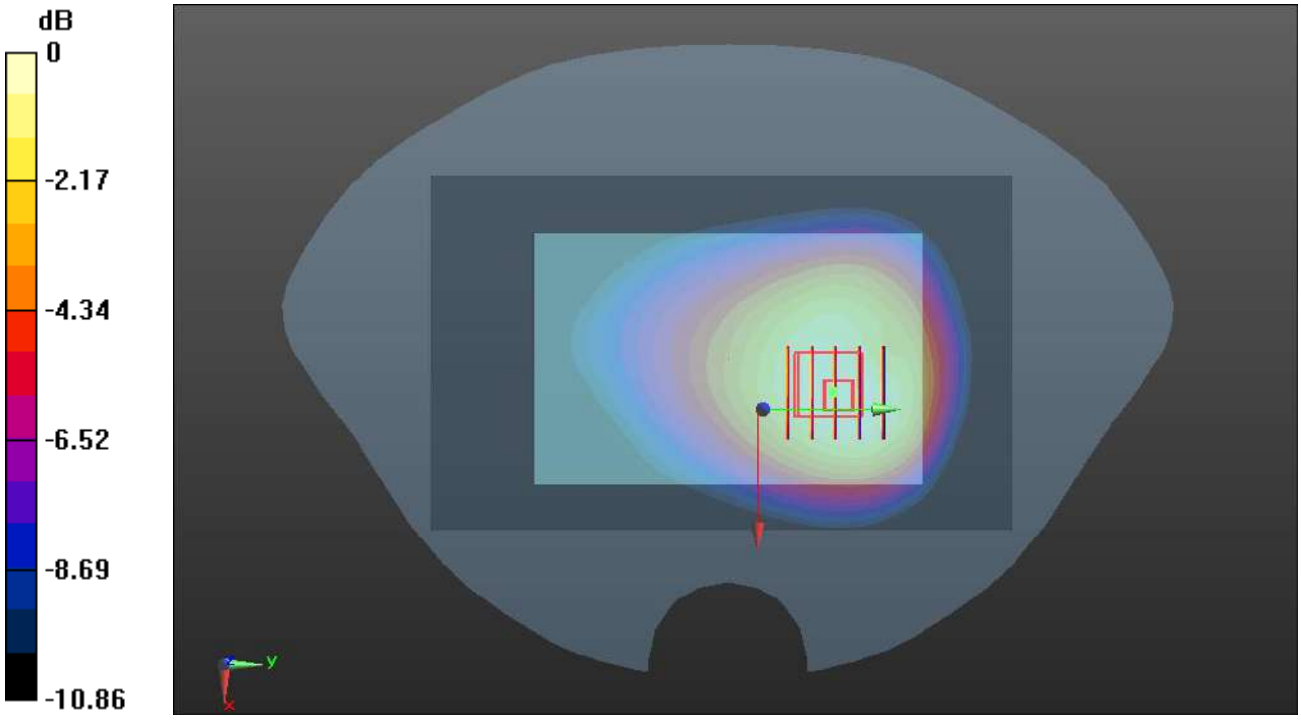
Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.08 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.581 W/kg

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg

Meas.36 Body Plane with Right Edge 0mm on 167300 Channel in NR Band5 mode with Antenna 1

Date: 2024.09.12

Communication System Band: N5; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.917 S/m; ε_r = 40.048; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ 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 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167300/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.26 W/kg

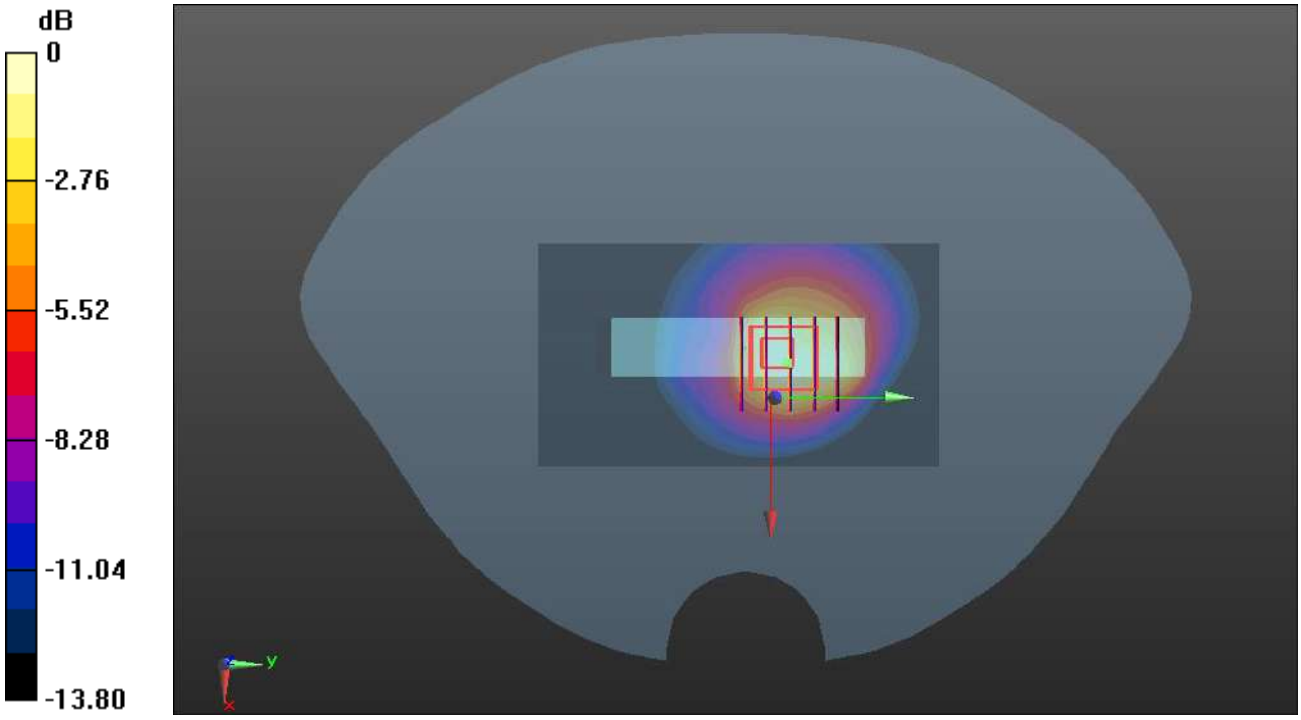
Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.48 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.45 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.1 W/kg

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg

Meas.37 Body Plane with Back Side 10mm on 158600 Channel in NR Band14 mode with Antenna 1

Date: 2024.09.10

Communication System Band: N14; Frequency: 793 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 793 MHz; σ = 0.885 S/m; ε_r = 41.141; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch158600/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.447 W/kg

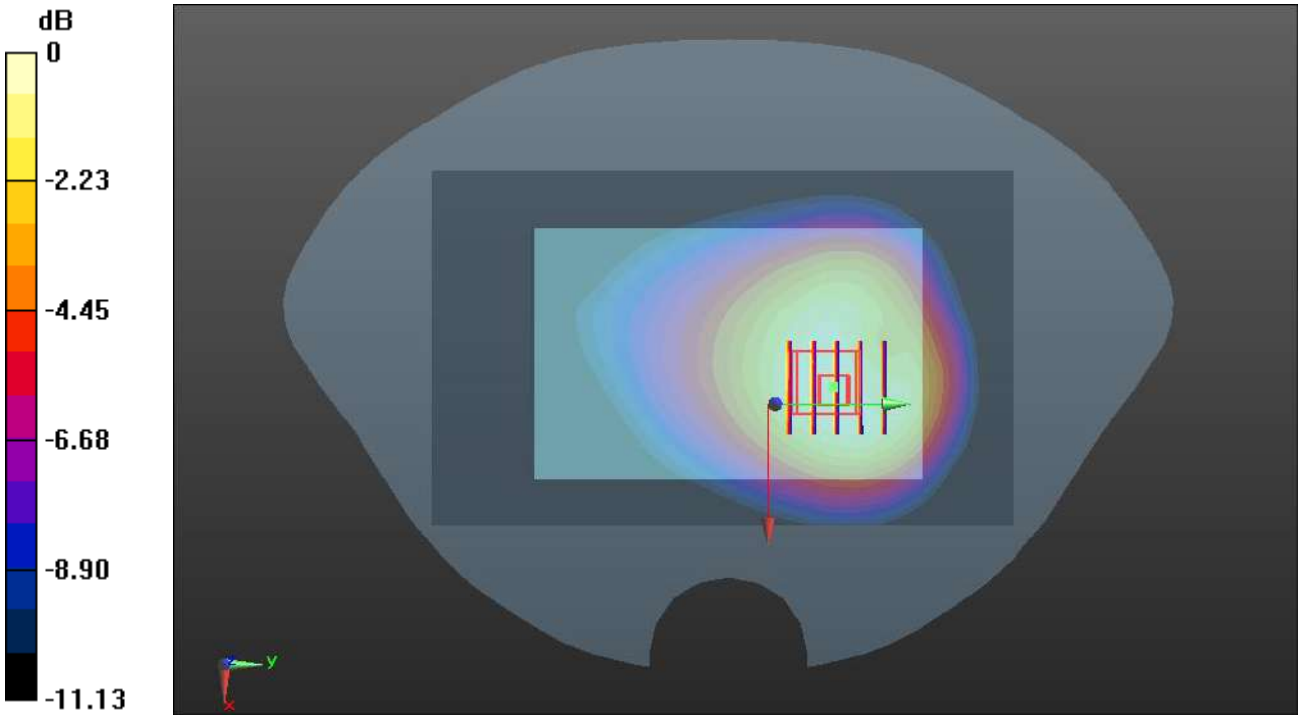
Ch158600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.87 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg

Meas.38 Body Plane with Back Side 0mm on 158600 Channel in NR Band14 mode with Antenna 1

Date: 2024.09.10

Communication System Band: N14; Frequency: 793 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 793 MHz; σ = 0.885 S/m; ε_r = 41.141; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.29, 10.29, 10.29); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch158600/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.68 W/kg

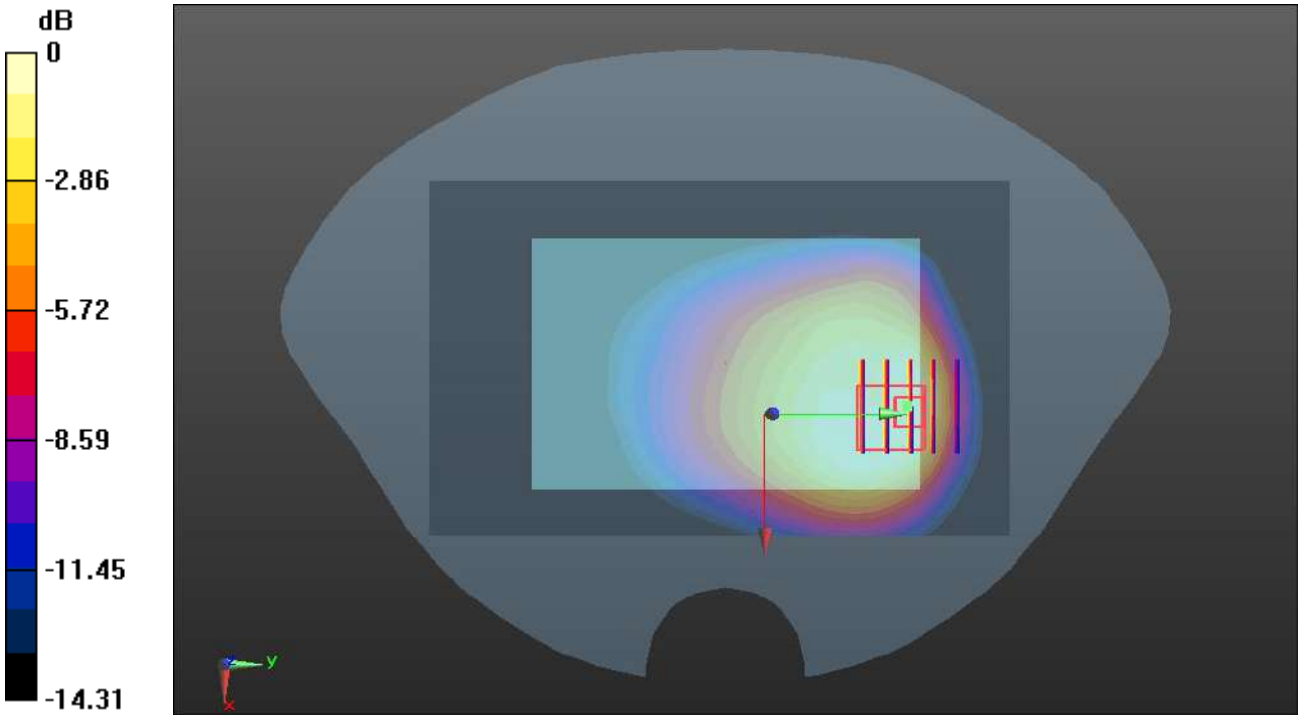
Ch158600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.88 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.714 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

Meas.39 Body Plane with Back Side 10mm on 462000 Channel in NR Band30 mode with Antenna 0

Date: 2024.09.25

Communication System Band: N30; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2310 MHz; σ = 1.705 S/m; ε_r = 40.392; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.93, 7.93, 7.93); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch462000/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

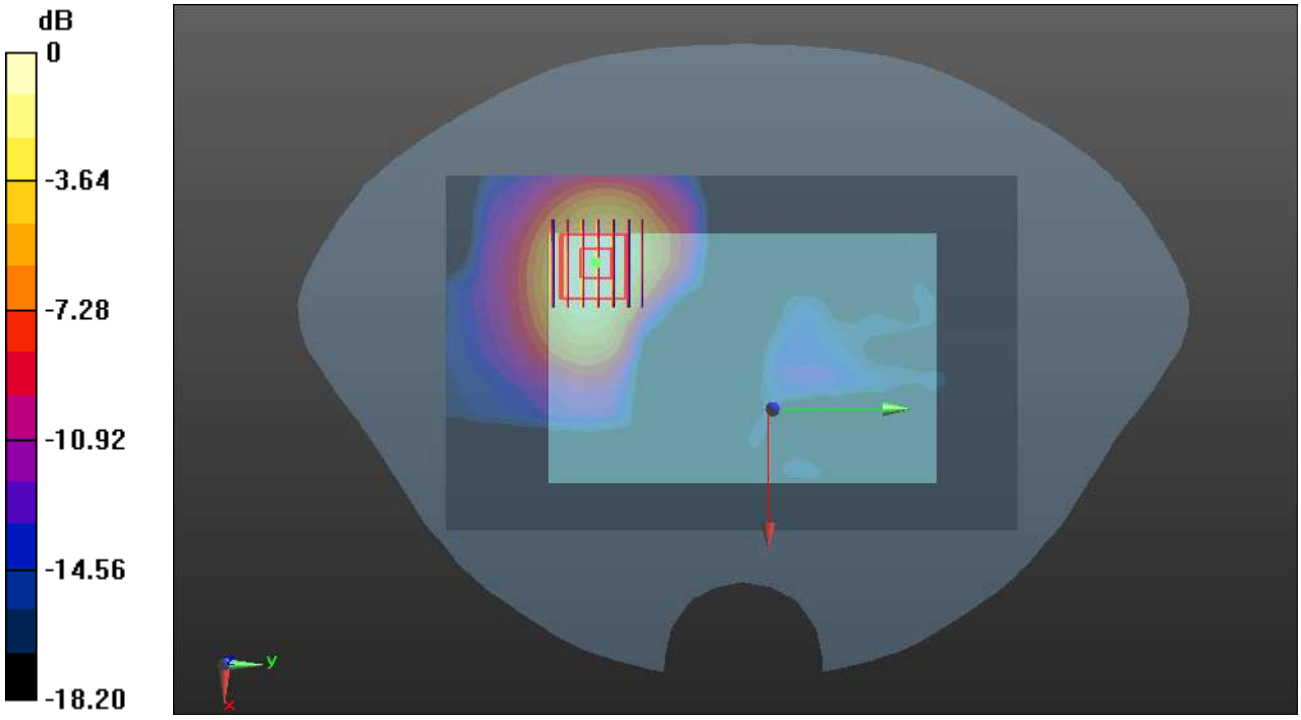
Ch462000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg

Meas.40 Body Plane with Back Side 0mm on 462000 Channel in NR Band30 mode with Antenna 0

Date: 2024.09.25

Communication System Band: N30; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2310 MHz; σ = 1.705 S/m; ε_r = 40.392; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.93, 7.93, 7.93); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch462000/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.87 W/kg

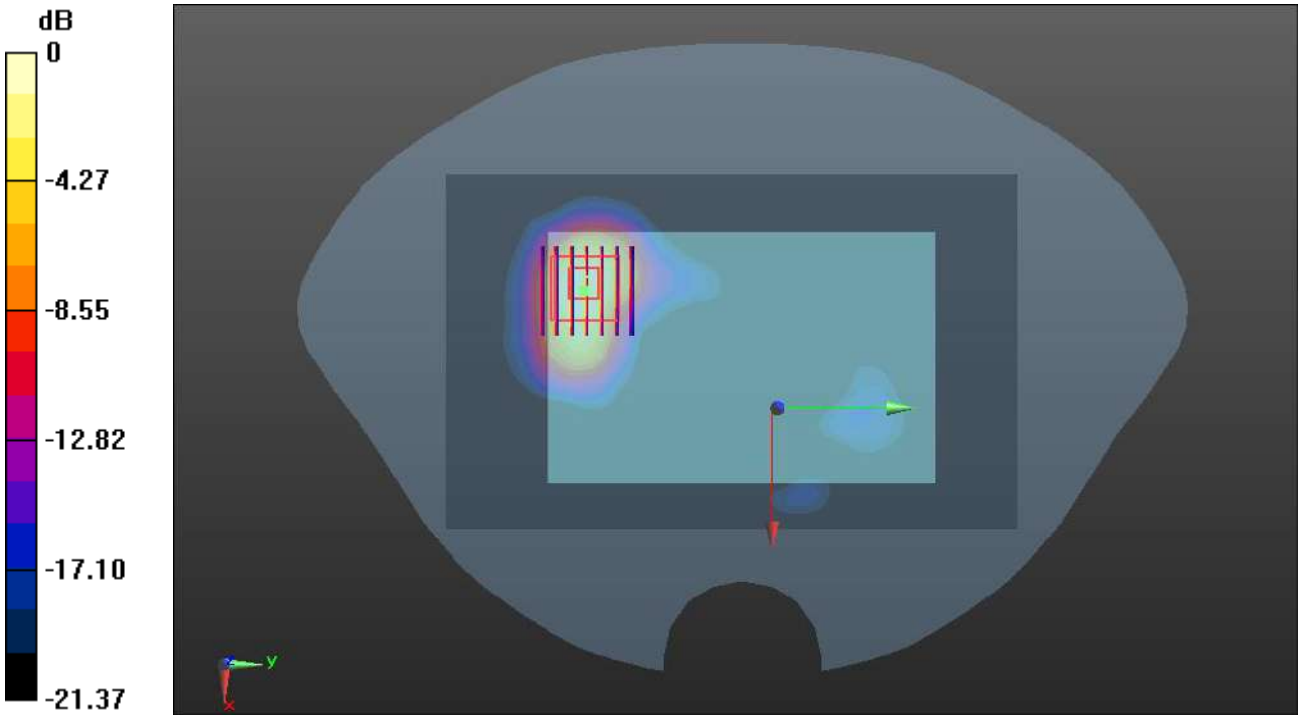
Ch462000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.754 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 4.57 W/kg; SAR(10 g) = 1.95 W/kg

Maximum value of SAR (measured) = 5.31 W/kg



0 dB = 5.31 W/kg

Meas.41 Body Plane with Right Edge 10mm on 352000 Channel in NR Band66 mode with Antenna 1

Date: 2024.12.29

Communication System Band: N66; Frequency: 1760 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1760 MHz; σ = 1.372 S/m; ε_r = 39.94; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch352000/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

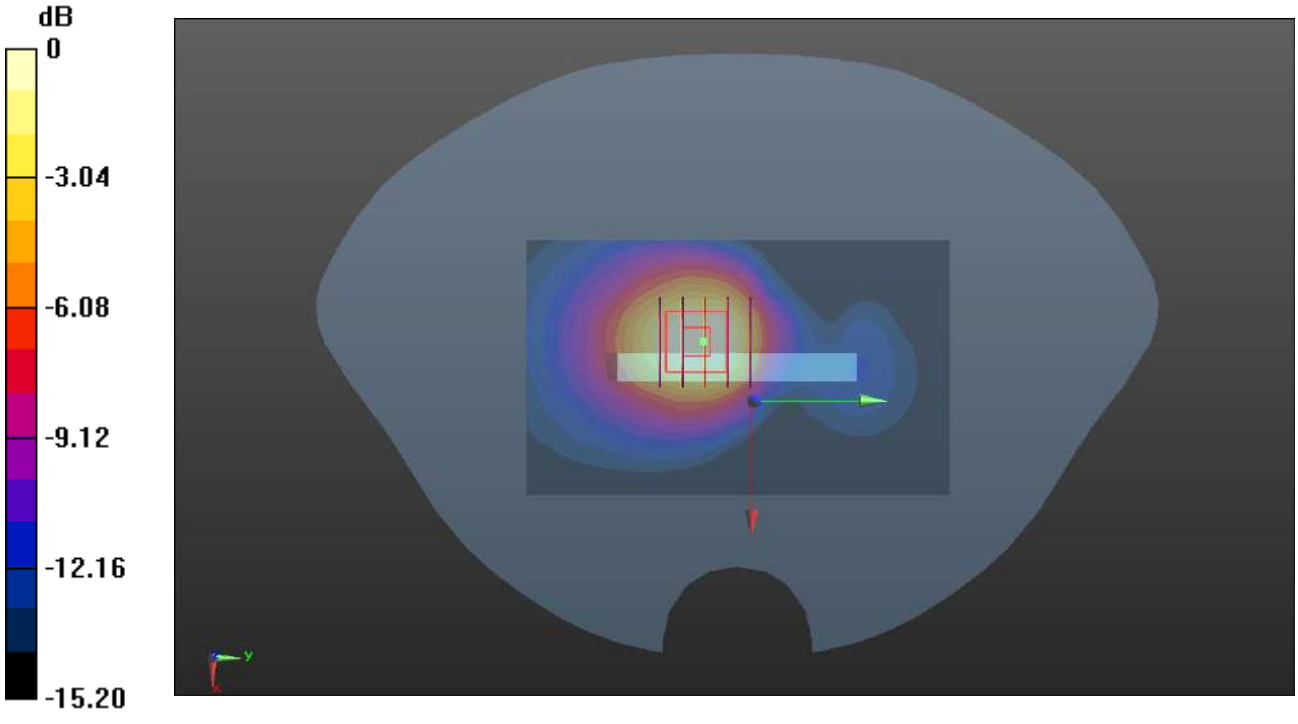
Ch352000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.85 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.335 W/kg

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



0 dB = 0.612 W/kg

Meas.42 Body Plane with Right Edge 0mm on 349000 Channel in NR Band66 mode with Antenna 1

Date: 2024.12.29

Communication System Band: N66; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1745 MHz; σ = 1.352 S/m; ε_r = 40.445; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch349000/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

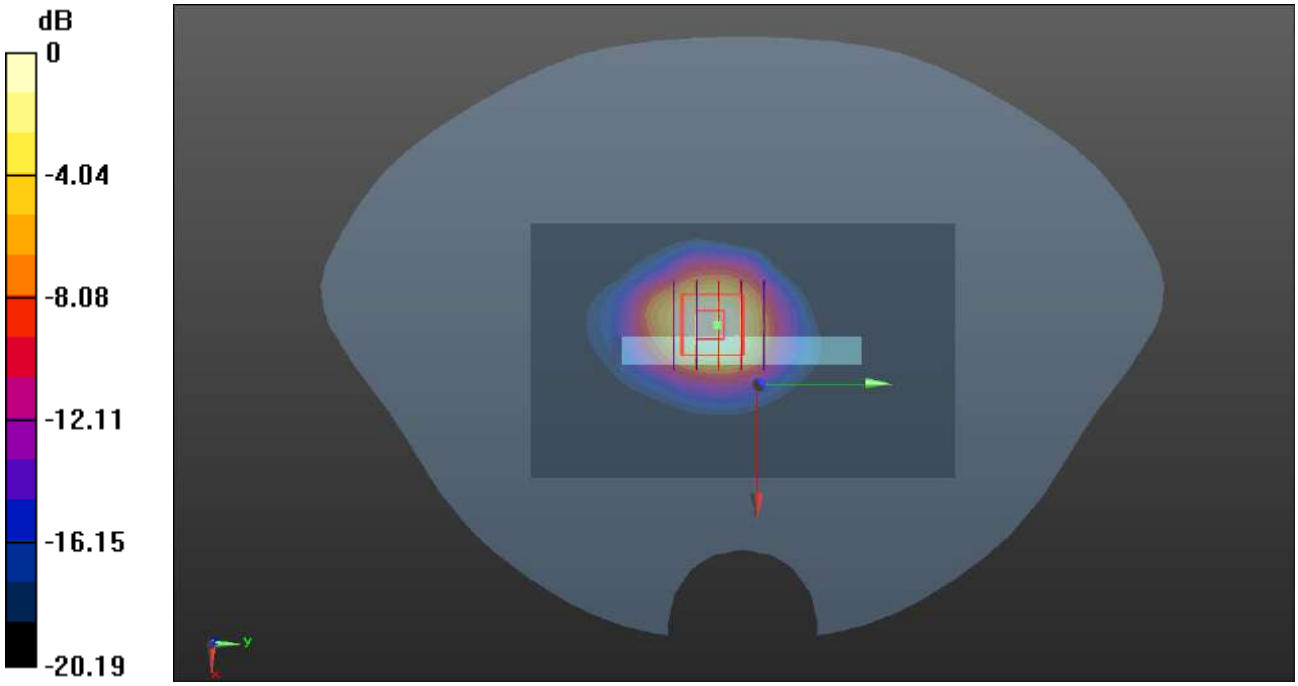
Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.74 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.991 W/kg



0 dB = 0.991 W/kg

Meas.43 Body Plane with Right Edge 10mm on 641666 Channel in NR Band48 mode with Antenna 1

Date: 2024.10.09

Communication System Band: N48; Frequency: 3624.99 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 3624.99 MHz; σ = 3.027 S/m; ε_r = 38.009; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(6.94, 6.94, 6.94); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch641666/Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.729 W/kg

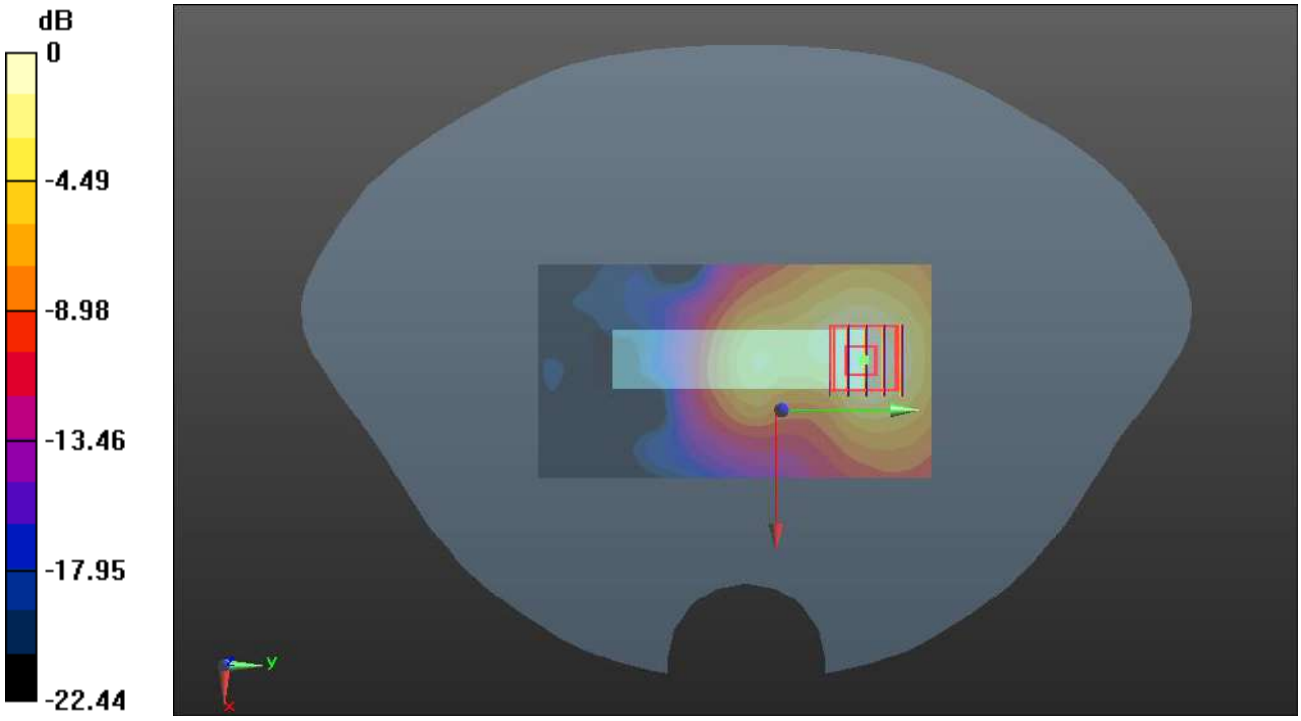
Ch641666/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 9.773 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.711 W/kg



0 dB = 0.711 W/kg

Meas.44 Body Plane with Right Edge 0mm on 641666 Channel in NR Band48 mode with Antenna 1

Date: 2024.10.09

Communication System Band: N48; Frequency: 3624.99 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 3624.99 MHz; σ = 3.027 S/m; ε_r = 38.009; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4℃ Liquid Temperature:21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(6.94, 6.94, 6.94); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch641666/Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.19 W/kg

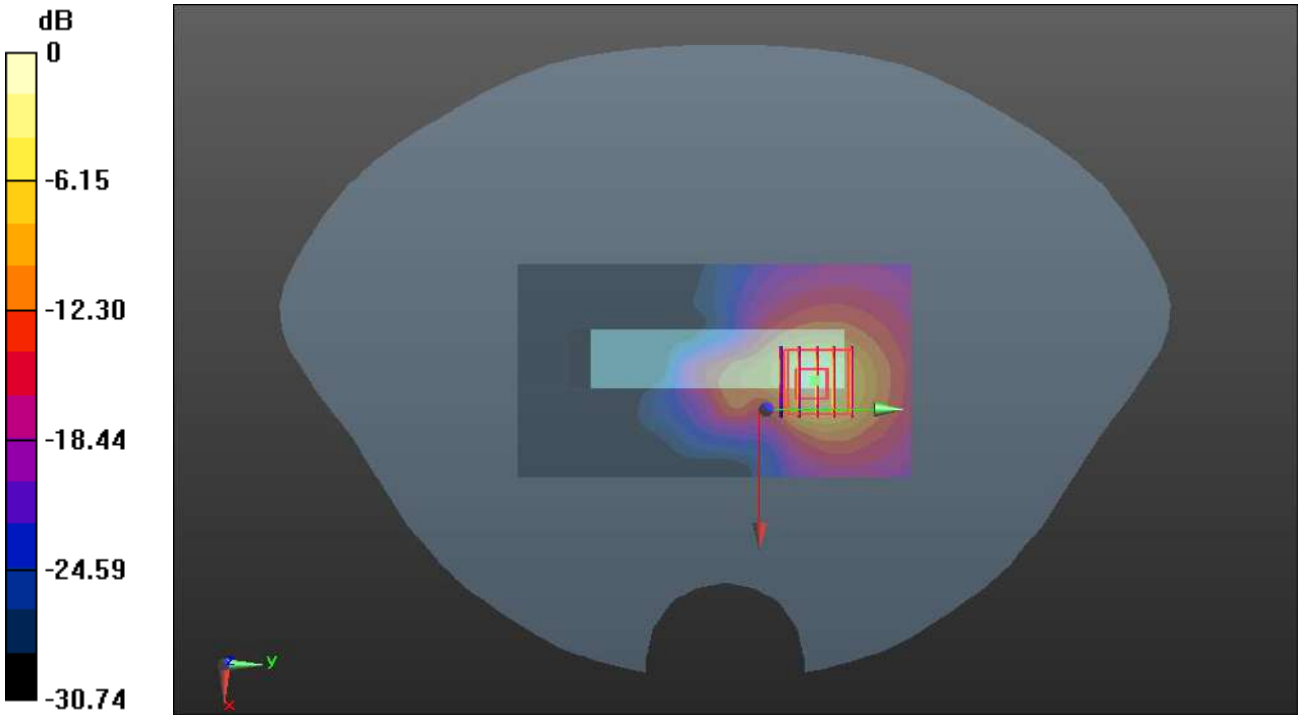
Ch641666/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 6.223 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 9.05 W/kg

SAR(1 g) = 3.01 W/kg; SAR(10 g) = 0.984 W/kg

Maximum value of SAR (measured) = 3.69 W/kg



0 dB = 3.69 W/kg

Meas.45 Body Plane with Right Edge 10mm on 633334 Channel in NR Band77 mode with Antenna 1

Date: 2024.09.30

Communication System Band: N77; Frequency: 3500.01 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.922 S/m; ε_r = 36.709; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.11, 7.11, 7.11); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.799 W/kg

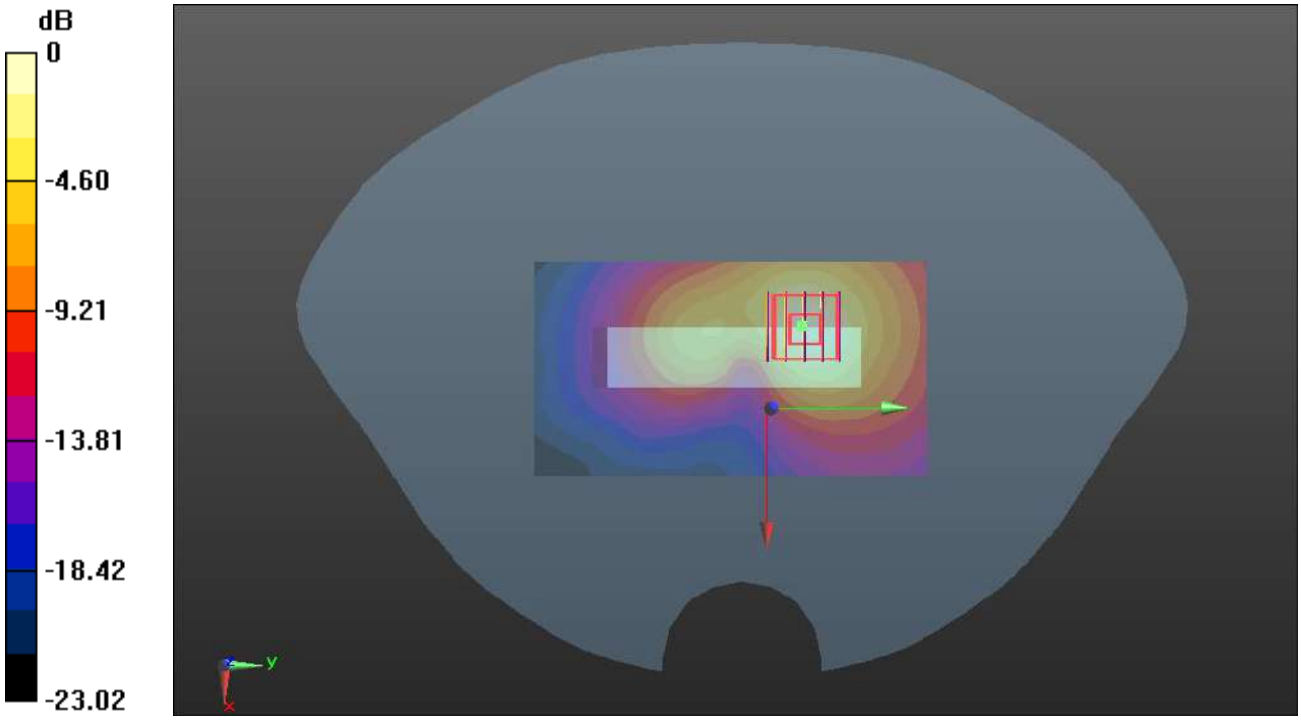
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 6.212 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg

Meas.46 Body Plane with Right Edge 0mm on 633334 Channel in NR Band77 mode with Antenna 1

Date: 2024.09.30

Communication System Band: N77; Frequency: 3500.01 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.922 S/m; ε_r = 36.709; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.11, 7.11, 7.11); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633334/Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.74 W/kg

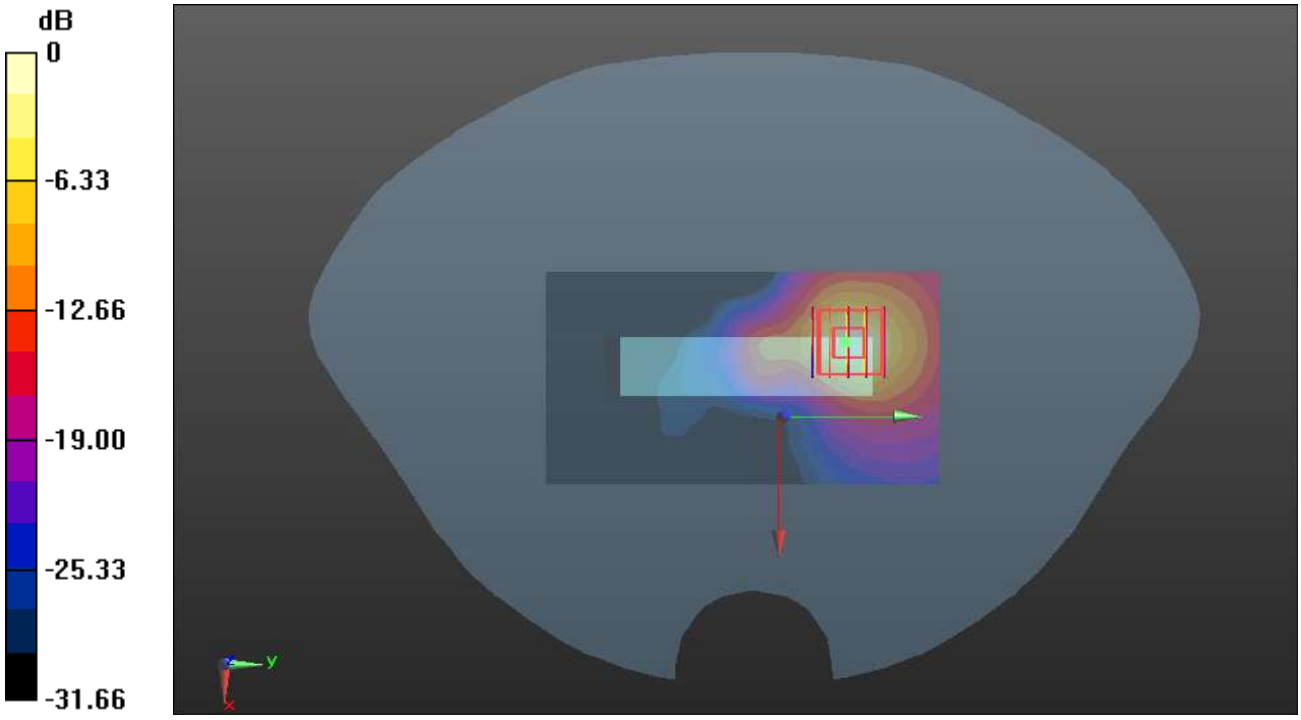
Ch633334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 7.359 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 9.83 W/kg

SAR(1 g) = 3.38 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 4.29 W/kg



0 dB = 4.29 W/kg

Meas.47 Body Plane with Right Edge 10mm on 650000 Channel in NR Band77 mode with Antenna 1

Date: 2024.10.08

Communication System Band: N77; Frequency: 3750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3750 MHz; σ = 3.164 S/m; ε_r = 37.233; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(6.94, 6.94, 6.94); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.436 W/kg

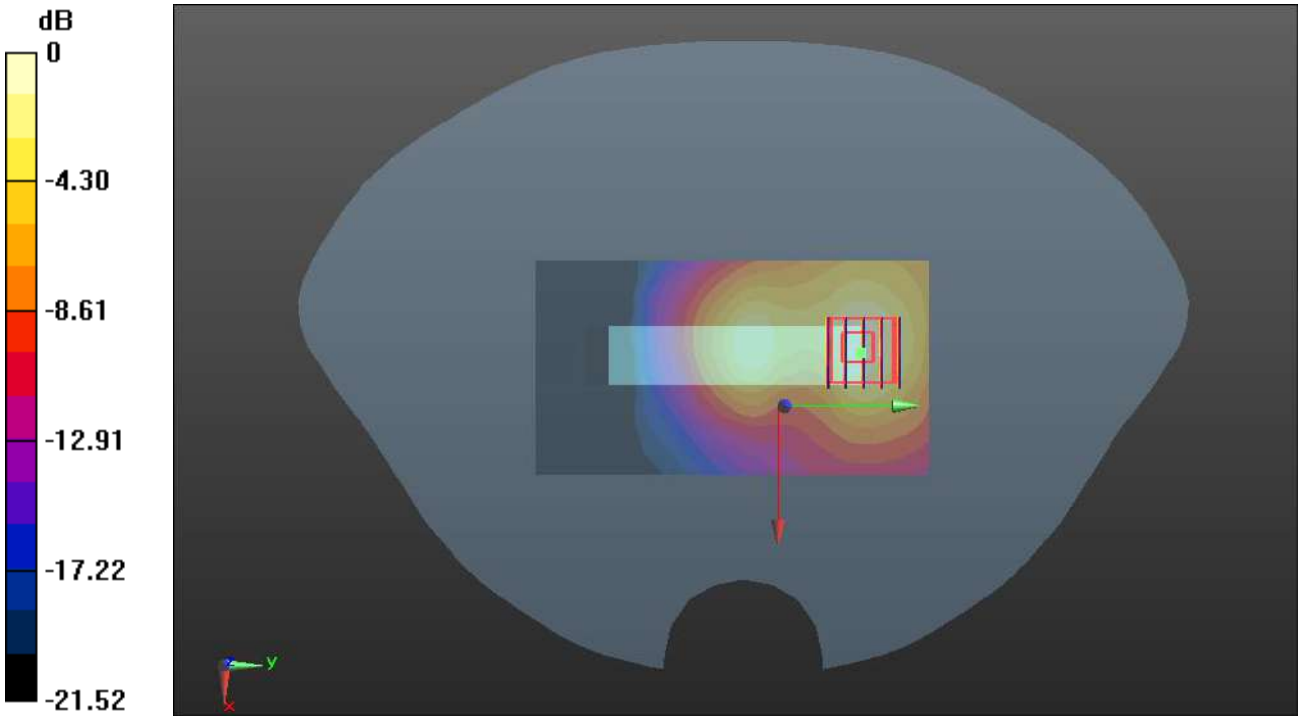
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 9.472 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg

Meas.48 Body Plane with Right Edge 0mm on 650000 Channel in NR Band77 mode with Antenna 1

Date: 2024.10.08

Communication System Band: N77; Frequency: 3750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3750 MHz; σ = 3.164 S/m; ε_r = 37.233; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5℃ Liquid Temperature:21.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(6.94, 6.94, 6.94); Calibrated: 2024.06.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1711; Calibrated: 2024.03.18
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1576
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

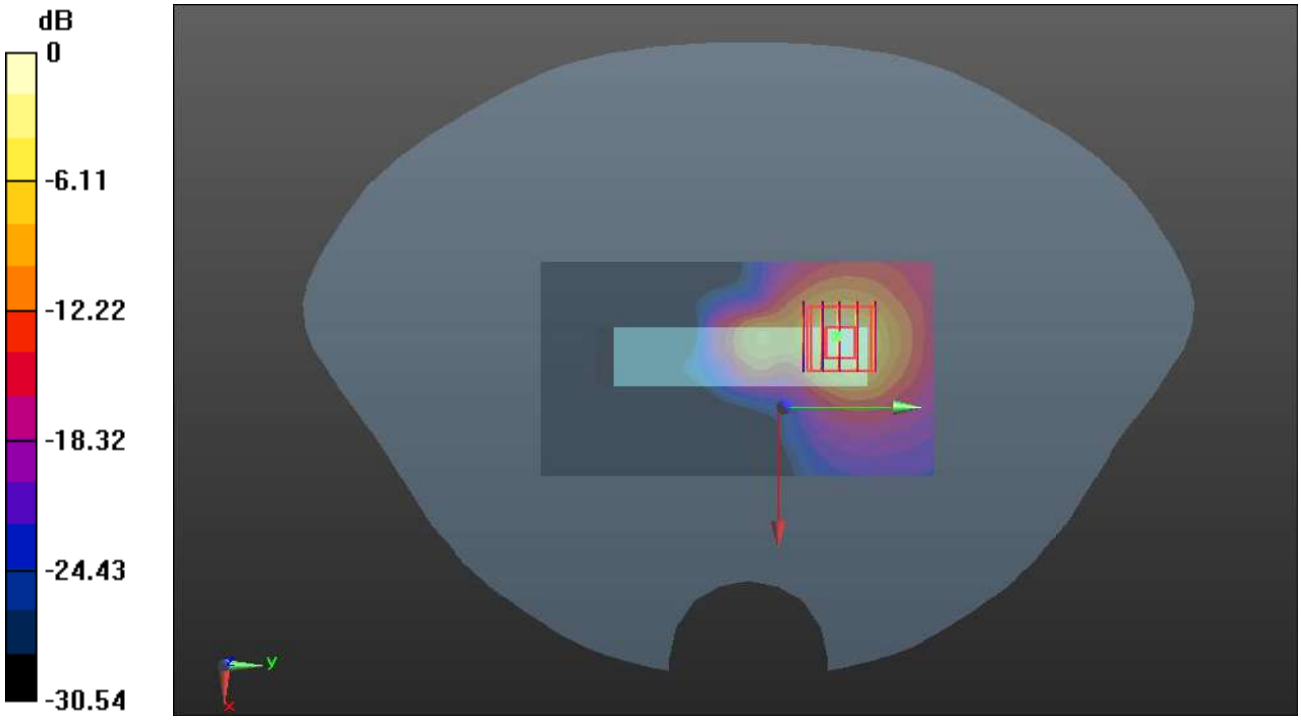
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 12.68 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 4.41 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 5.26 W/kg



0 dB = 5.26 W/kg

Meas.49 Body Plane with Top Edge 10mm on 6 Channel in IEEE802.11b mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 10.00	WLAN 2.4GHz	WLAN, 10315-AAB	2437.0, 6	7.93	1.63	39.8	22.3	21.2

Hardware Setup

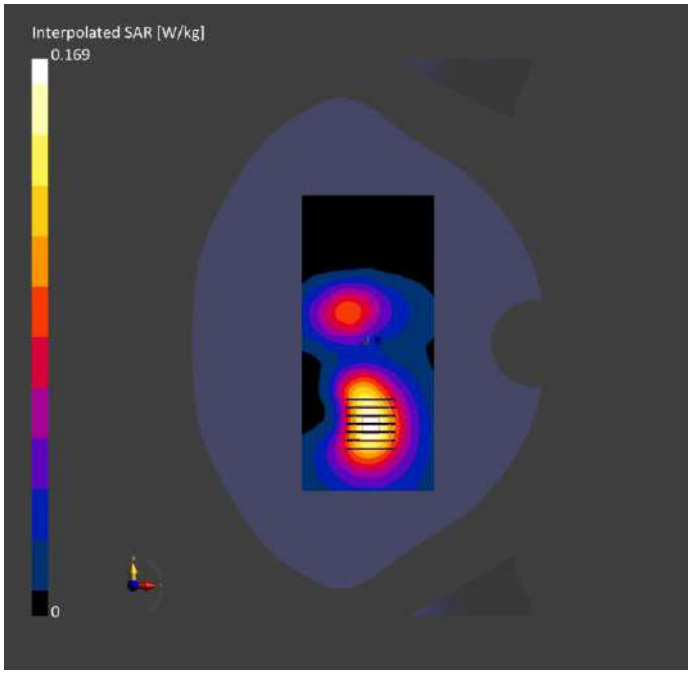
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-09-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-09-24	2024-09-24
psSAR1g [W/kg]	0.096	0.095
psSAR10g [W/kg]	0.052	0.053
Power Drift [dB]	-0.04	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.0
Dist 3dB Peak [mm]		14.0


Interpolated SAR [W/kg]
0.169
0

Meas.50 Body Plane with Back Side 0mm on 6 Channel in IEEE802.11b mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	BACK, 0.00	WLAN 2.4GHz	WLAN, 10315-AAB	2437.0, 6	7.93	1.63	39.8	22.3	21.2

Hardware Setup

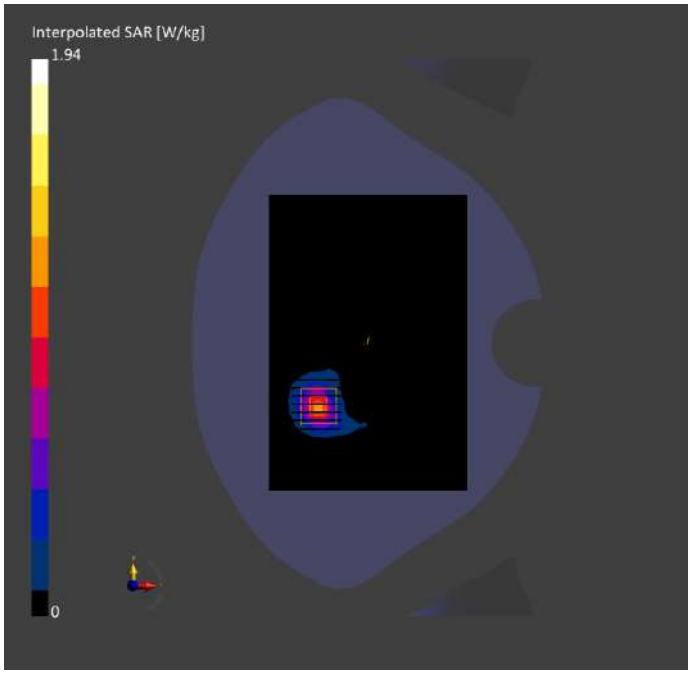
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-09-24	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-09-24	2024-09-24
psSAR1g [W/kg]	0.882	0.949
psSAR10g [W/kg]	0.367	0.402
Power Drift [dB]	0.10	0.07
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		83.4
Dist 3dB Peak [mm]		7.3


Interpolated SAR [W/kg]
1.94
0

Meas.51 Body Plane with Top Edge 10mm on 42 Channel in IEEE802.11ac80 mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 10.00	WLAN 5GHz	WLAN, 10544-AAC	5210.0, 42	5.74	4.53	35.7	22.6	21.3

Hardware Setup

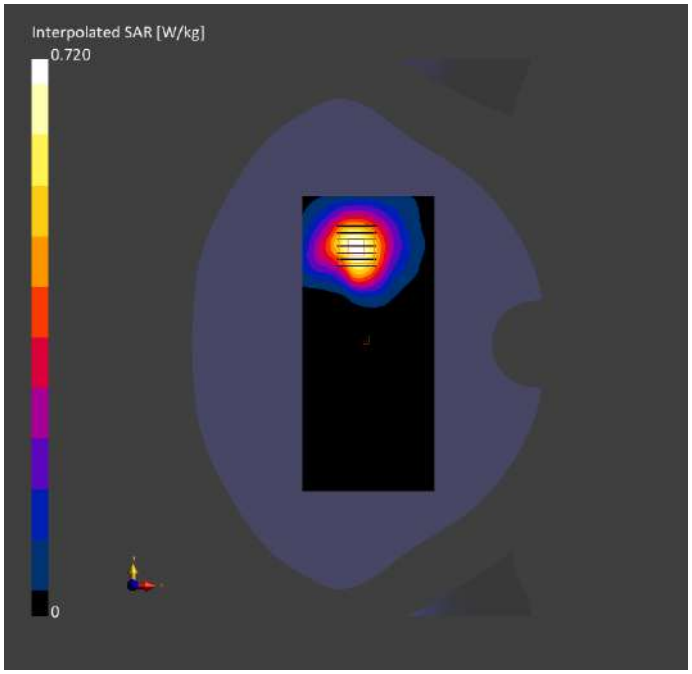
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-11	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-11	2024-10-11
psSAR1g [W/kg]	0.245	0.234
psSAR10g [W/kg]	0.102	0.098
Power Drift [dB]	0.04	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.6
Dist 3dB Peak [mm]		14.7


Interpolated SAR [W/kg]
0.720
0

Meas.52 Body Plane with Top Edge 10mm on 54 Channel in IEEE802.11n40 mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 10.00	WLAN 5GHz	WLAN, 10114-CAG	5270.0, 54	5.50	4.69	34.7	22.6	21.3

Hardware Setup

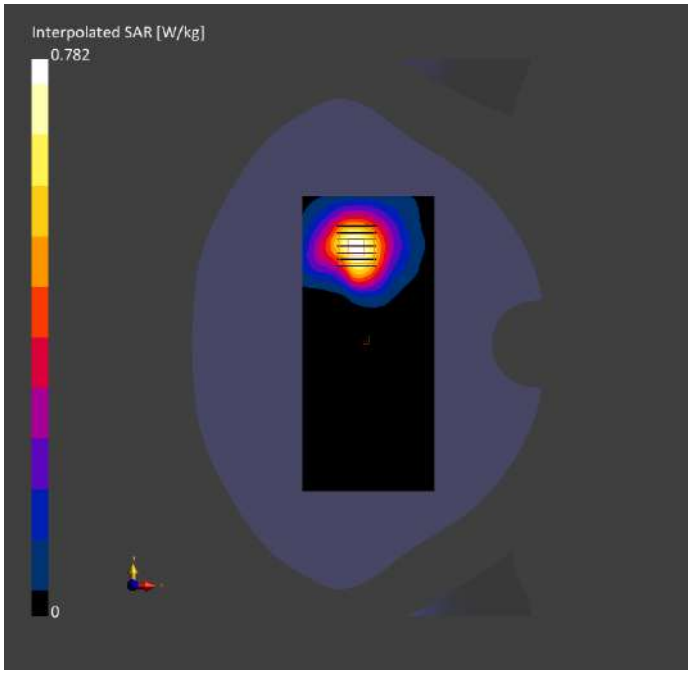
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-11	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-11	2024-10-11
psSAR1g [W/kg]	0.267	0.262
psSAR10g [W/kg]	0.112	0.109
Power Drift [dB]	0.08	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.1
Dist 3dB Peak [mm]		14.4


Interpolated SAR [W/kg]
0.782
0

Meas.52 Body Plane with Top Edge 10mm on 122 Channel in IEEE802.11ac80 mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 10.00	WLAN 5GHz	WLAN, 10544-AAC	5610.0, 122	5.00	5.01	34.9	22.5	21.2

Hardware Setup

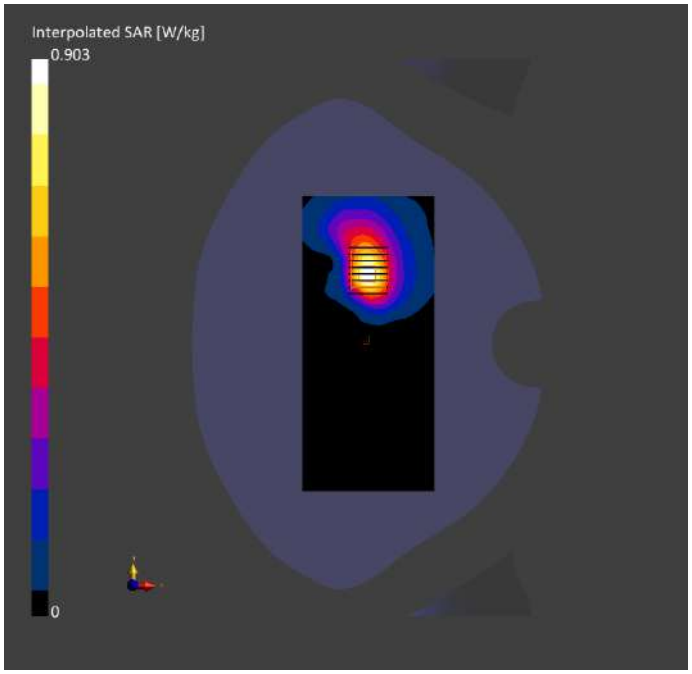
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-12	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-12	2024-10-12
psSAR1g [W/kg]	0.282	0.277
psSAR10g [W/kg]	0.110	0.106
Power Drift [dB]	-0.18	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		8.8


Interpolated SAR [W/kg]
0.903
0

Meas.53 Body Plane with Top Edge 10mm on 155 Channel in IEEE802.11be80 mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 10.00	WLAN 5GHz	WLAN, 10544-AAC	5775.0, 155	5.04	5.29	34.6	22.4	21.2

Hardware Setup

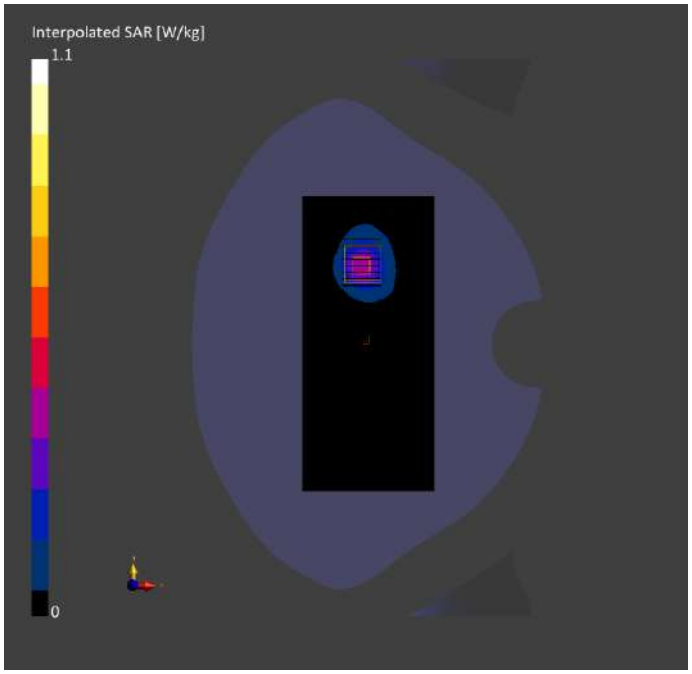
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-13	2024-10-13
psSAR1g [W/kg]	0.318	0.313
psSAR10g [W/kg]	0.119	0.112
Power Drift [dB]	0.06	0.02
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		52.6
Dist 3dB Peak [mm]		10.9


Interpolated SAR [W/kg]
1.1
0

Meas.55 Body Plane with Top Edge 0mm on 54 Channel in IEEE802.11n40 mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 0.00	WLAN 5GHz	WLAN, 10114-CAG	5270.0, 54	5.50	4.69	34.7	22.6	21.3

Hardware Setup

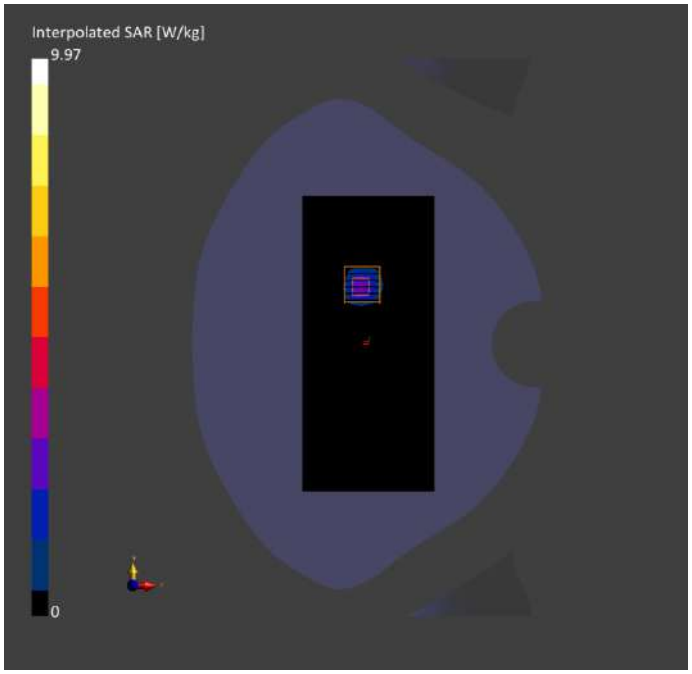
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-11	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-11	2024-10-11
psSAR1g [W/kg]	2.30	2.64
psSAR10g [W/kg]	0.711	0.723
Power Drift [dB]	-0.03	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		5.1


Interpolated SAR [W/kg]
9.97
0

Meas.56 Body Plane with Top Edge 0mm on 122 Channel in IEEE802.11ac80 mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 0.00	WLAN 5GHz	WLAN, 10544-AAC	5610.0, 122	5.00	5.01	34.9	22.5	21.2

Hardware Setup

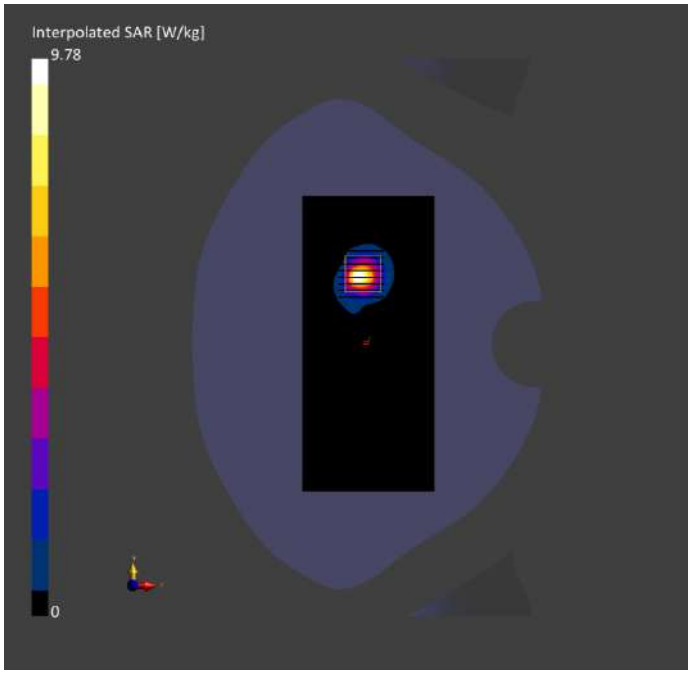
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-12	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-12	2024-10-12
psSAR1g [W/kg]	2.33	2.55
psSAR10g [W/kg]	0.682	0.705
Power Drift [dB]	0.01	-0.03
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		55.9
Dist 3dB Peak [mm]		5.1


Interpolated SAR [W/kg]
9.78
0

Meas.57 Body Plane with Top Edge 0mm on 155 Channel in IEEE802.11be80 mode with Antenna 9

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 0.00	WLAN 5GHz	WLAN, 10544-AAC	5775.0, 155	5.04	5.29	34.6	22.4	21.2

Hardware Setup

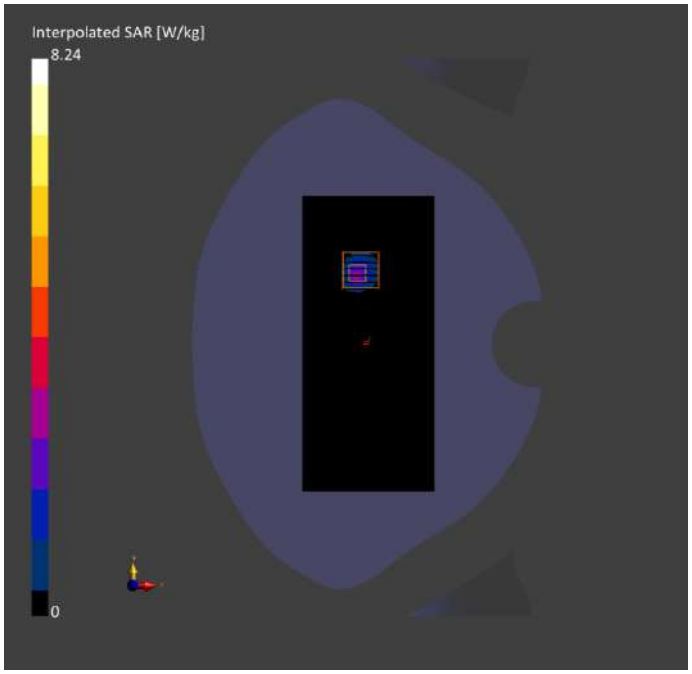
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-10-13	EX3DV4 - SN7510, 2024-06-25	DAE4 Sn1711, 2024-03-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-13	2024-10-13
psSAR1g [W/kg]	1.86	2.03
psSAR10g [W/kg]	0.538	0.538
Power Drift [dB]	0.01	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.5
Dist 3dB Peak [mm]		5.1


Interpolated SAR [W/kg]
8.24
0

Meas.58 Body Plane with Top Edge 10mm on 15 Channel in IEEE802.11ax160 mode with Antenna MIMO

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 10.00	U-NII-5	WLAN, 10554-AAE	6025.0, 15	5.11	5.58	35.7	22.5	21.2

Hardware Setup

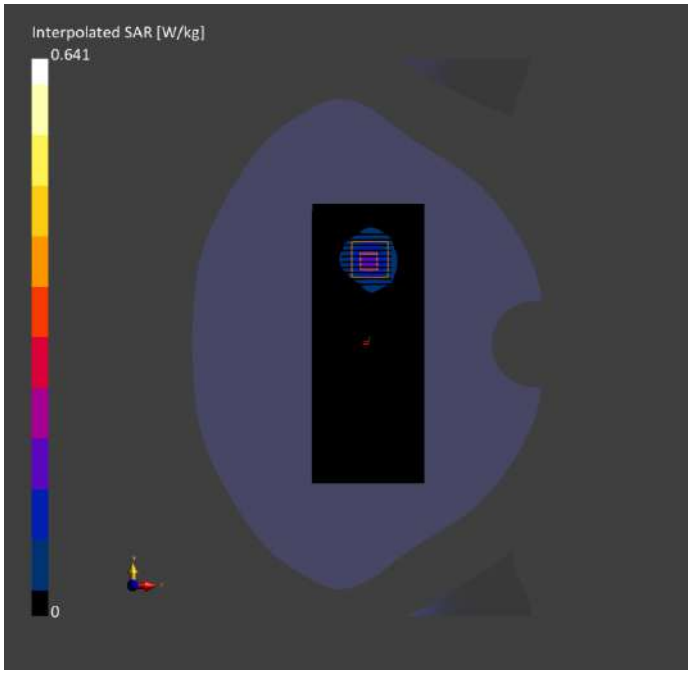
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-11-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn1710, 2024-01-03

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 170.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-11-18	2024-11-18
psSAR1g [W/kg]	0.150	0.160
psSAR10g [W/kg]	0.053	0.058
APD 4cm^2 [W/m^2]		1.31
Power Drift [dB]	-0.04	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.7
Dist 3dB Peak [mm]		10.4


Interpolated SAR [W/kg]
0.641
0

Meas.59 Body Plane with Top Edge 0mm on 15 Channel in IEEE802.11ax160 mode with Antenna MIMO

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [℃]	Liquid Temperature [℃]
Flat, HSL	EDGE TOP, 0.00	U-NII-5	WLAN, 10554-AAE	6025.0, 15	5.11	5.58	35.7	22.5	21.2

Hardware Setup

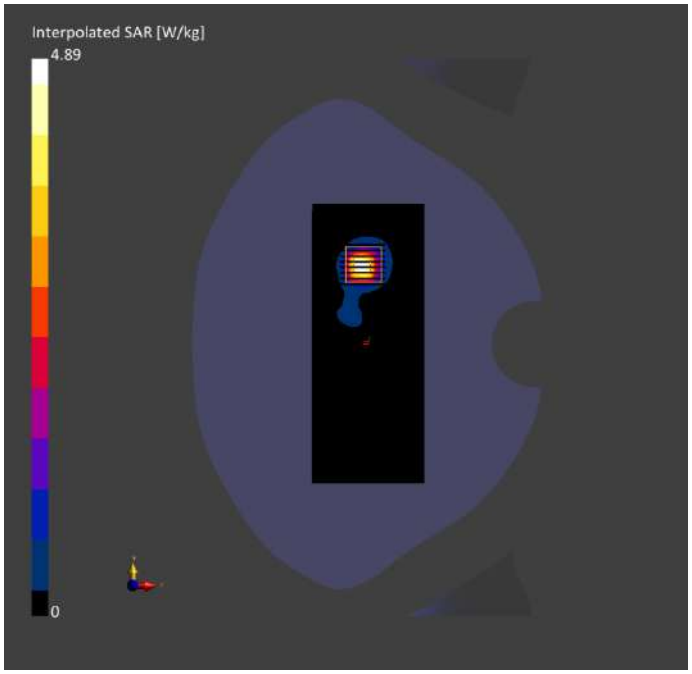
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-11-18	EX3DV4 - SN7893, 2024-09-05	DAE4 Sn1710, 2024-01-03

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 170.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-11-18	2024-11-18
psSAR1g [W/kg]	0.815	0.984
psSAR10g [W/kg]	0.235	0.239
APD 4cm^2 [W/m^2]		5.64
Power Drift [dB]	-0.03	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.2
Dist 3dB Peak [mm]		5.3


Interpolated SAR [W/kg]
4.89
0

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “BL-SH2480613-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “BL-SH2480613-AS-1.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “BL-SH2480613-AC-1.pdf”.

ANNEX G TUNE-UP PROCEDURE

Please refer the document “BL-SH2480613-AT.pdf”.

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