



SAR TEST REPORT

Product Name: WB WIFI

Model Number: WB, WB01, WB02, WB03, WB04, WB05, WB06, WB07, WB08, WB09, WB10, WB11, WB12, WB13, WB14, WB15, WB16, WB17, WB18, WB19

Issued For : AMIHAKU CO., LTD

6-5-1 SHINJYUKU I-LAND TOWER 2F NISHISHINJYUKU
SHINJUKU-KU TOKYO 169-1302 JAPAN

Issued By : Shenzhen LGT Test Service Co., Ltd.

Room 205, Building 13, Zone B, Zhenxiong Industrial Park,
No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan
District, Shenzhen, Guangdong, China.

Report Number: LGT25I062HA01

Sample Received Date: Oct. 28, 2025

Date of Test: Oct. 29, 2025 ~ Nov. 05, 2025

Date of Issue: Nov. 06, 2025

Max. SAR (10g): Body: 1.330 W/kg

The test report is effective only with both signature and specialized stamp. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report only apply to the tested sample.

Shenzhen LGT Test Service Co., Ltd. Tel: 0755-89668180 E-mail: lgt@lgt-cert.com Web: www.lgt-cert.com
Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China.



Table of Contents

1. General Information	5
1.1 EUT Description	5
1.2 Test Environment	6
1.3 Test Factory	6
2. Test Standards and Limits	7
3. SAR Measurement System	8
3.1 Definition of Specific Absorption Rate (SAR)	8
3.2 SAR System	8
4. Tissue Simulating Liquids	11
4.1 Simulating Liquids Parameter Check	11
5. SAR System Validation	13
5.1 Validation System	13
5.2 Validation Result	14
6. SAR Evaluation Procedures	15
7. EUT Test Position	16
7.1 Body-worn Position Conditions	16
8. Uncertainty	17
8.1 Measurement Uncertainty	17
9. Conducted Power Measurement	18
9.1 Test Result	18
9.2 Tune up power	22
10. Test Photos and Results	23
10.1 EUT Photos	23
10.2 Setup Photos	26
11. SAR Result Summary	30
11.1 Body SAR	30
11.2 Simultaneous Multi-band Transmission Evaluation	33
12. Equipment List	34
Appendix A. System Validation Plot	35
Appendix B. SAR Test Plots	49
Appendix C. Probe Calibration and Dipole Calibration Report	65



Revision History

Rev.	Issue Date	Contents
00	Nov. 06, 2025	Initial Issue



TEST REPORT CERTIFICATION

Applicant: AMIHAKU CO., LTD
Address: 6-5-1 SHINJYUKU I-LAND TOWER 2F NISHISHINJYUKU
SHINJUKU-KU TOKYO 169-1302 JAPAN
Manufacture: Zhongyi (Shenzhen) Information Technology Co., Ltd
Address: Room 301, 3rd Floor, Building 18, Guangqian Industrial Zone,
Longzhu 3rd Road, Longguang Community, Taoyuan Street,
Nanshan District, Shenzhen
Product Name: WB WIFI
Trademark: WB TELECOM
Model Number: WB, WB01, WB02, WB03, WB04, WB05, WB06, WB07, WB08,
WB09, WB10, WB11, WB12, WB13, WB14, WB15, WB16, WB17,
WB18, WB19
Sample number: LGT25102001-1

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
MIC Notices No. 88 Annex 79	PASS

Prepared by:

Deng Deng

Deng Deng
Engineer

Approved by:

Vita Li

Vita Li
Manager





1. General Information

1.1 EUT Description

Product Name:	WB WIFI	
Trademark:	WB TELECOM	
Model Number:	WB	
Series Number:	WB01, WB02, WB03, WB04, WB05, WB06, WB07, WB08, WB09, WB10, WB11, WB12, WB13, WB14, WB15, WB16, WB17, WB18, WB19	
Model Difference:	The model is the same, but the appearance is different.	
Hardware Version	UIS8310 1-core, A7 1GHz	
Software Version:	N/A	
Frequency Range:	WCDMA band 1:1920 – 1980 MHz WCDMA band 8:900– 915 MHz LTE FDD Band 1: 1924.7MHz-1980MHz LTE FDD Band 3: 1710 – 1785 MHz LTE FDD Band 5: 824 – 849MHz LTE FDD Band 8: 900 – 915 MHz LTE FDD Band 18: 815 – 830 MHz LTE FDD Band 19: 830 – 845 MHz LTE FDD Band 26: 815 – 845 MHz LTE FDD Band 28: 718 – 748 MHz LTE TDD Band 34: 2010 – 2025 MHz LTE TDD Band 38: 2570 – 2620 MHz LTE TDD Band 39: 1891 – 1914.1 MHz LTE TDD Band 40: 2330 – 2370 MHz LTE TDD Band 41: 2545 – 2655 MHz WLAN 802.11b/g/n/ax20: 2412 to 2472MHz WLAN 802.11n/ax40: 2422 to 2462MHz	
Max. Reported SAR (10g):	Mode	Body Worn and Hotspot(W/Kg)
	WCDMA Band I	1.076
	WCDMA Band VIII	0.574
	LTE Band 1	1.330
	LTE Band 3	1.223
	LTE Band 5	0.345
	LTE Band 8	0.848
	LTE Band 18	0.707
	LTE Band 19	0.447
	LTE Band 26	0.647
	LTE Band 28	0.918
	LTE Band 34	0.818
	LTE Band 38	0.624
	LTE Band 39	0.775
	LTE Band 40	0.811
	LTE Band 41	0.631
	2.4GHz WLAN	0.607
	Limit	2.0 W/kg
Battery:	Rated Voltage:3.85V Capacity: 10000mAh	



Description test modes:	Only support single SIM Card.	
Modulation Mode:	WCDMA	QPSK; HSDPA: QPSK/16QAM; HSUPA: BPSK
	LTE	QPSK/16QAM
	2.4G WLAN	802.11b(DSSS): CCK, DQPSK, DBPSK 802.11g(OFDM): BPSK, QPSK,16-QAM,64-QAM 802.11n(OFDM): BPSK, QPSK,16-QAM,64-QAM 802.11ax (OFDM): BPSK, QPSK,16-QAM,64-QAM,256-QAM
Power Control Level:	GSM900: 5, DCS1800: 0	
Power Class:	GSM900: 4, GSM1800: 1	
Antenna Specification:	WCDMA/LTE: PIFA Antenna WLAN: PIFA Antenna	
Operating Mode:	Maximum continuous output	

1.2 Test Environment

Ambient conditions in the SAR laboratory:

Items	Required
Temperature (°C)	18-25
Humidity (%RH)	30-70

1.3 Test Factory

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China



2. Test Standards and Limits

No.	Identity	Document Title
1	MIC Notices NO. 88 Annex 79	Measurement method of Specific Absorption Ratio (SAR)

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. According to EN 50360 and 1999/519/EC the limit for General Population/Uncontrolled exposure should be applied for this device, it is 2.0 W/kg as averaged over any 10 gram of tissue.

(A). Limits for Occupational/Controlled Exposure (W/kg)

<u>Whole-Body</u>	<u>Partial-Body</u>	<u>Hands, Wrists, Feet and Ankles</u>
0.4	8.0	20.0

(B). Limits for General Population/Uncontrolled Exposure (W/kg)

<u>Whole-Body</u>	<u>Partial-Body</u>	<u>Hands, Wrists, Feet and Ankles</u>
0.08	2.0	4.0

NOTE: **Whole-Body SAR** is averaged over the entire body, **partial-body SAR** is averaged over any 10 gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

Population/Uncontrolled Environments:

Are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Occupational/Controlled Environments:

Are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

NOTE
GENERAL POPULATION/UNCONTROLLED EXPOSURE
PARTIAL BODY LIMIT
2.0 W/kg

3. SAR Measurement System

3.1 Definition of Specific Absorption Rate (SAR)

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

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

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

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

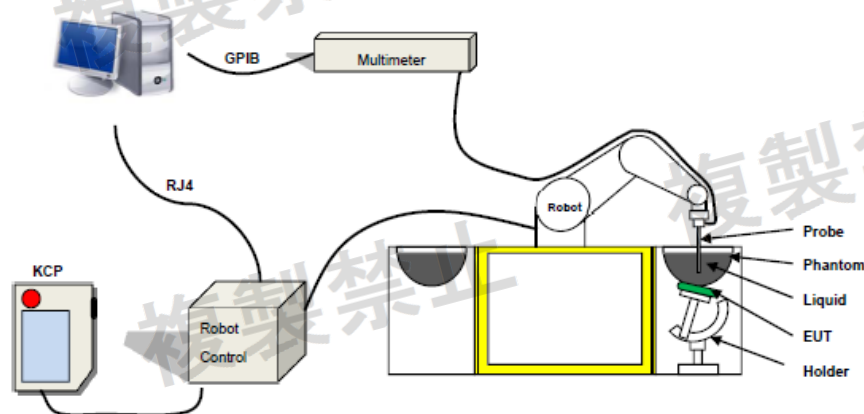
$$\text{SAR} = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue:

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

3.2 SAR System

MVG SAR System Diagram:



COMOSAR is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The COMOSAR system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue



The following figure shows the system.



The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The Open SAR software computes the results to give a SAR value in a 1g or 10g mass.

3.2.1 Probe

For the measurements the Specific Dosimetric E-Field Probe 2225-EPGO-450 with following specifications is used

- Probe Length: 330 mm
- Length of Individual Dipoles: 2mm
- Maximum external diameter: 8 mm
- Probe Tip External Diameter: 2.5 mm
- Distance between dipole/probe extremity: 1 mm
- Dynamic range: 0.01-100 W/kg
- Probe linearity: 3%
- Axial Isotropy: < 0.10 dB
- Spherical Isotropy: < 0.10 dB
- Calibration range: 0.15 GHz to 7.5 GHz for head simulating liquid.
- Angle between probe axis (evaluation axis) and surface normal line: less than 30°



Figure 1-MVG COMOSAR Dosimetric E field Probe



3.2.2 Phantom

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.

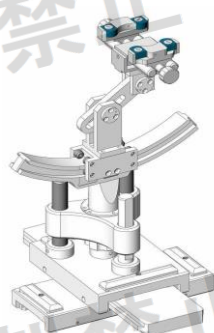


Figure-SN 06/22 SAM 148



Figure-SN 06/22 ELLI 51

3.2.3 Device Holder



The SAR in the phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source at 5 mm distance, a positioning uncertainty of ± 0.5 mm would produce a SAR uncertainty of ± 20 %. Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions in which the devices must be measured are defined by the standards.



4. Tissue Simulating Liquids

4.1 Simulating Liquids Parameter Check

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values

The uncertainty due to the liquid conductivity and permittivity arises from two different sources. The first source of error is the deviation of the liquid conductivity from its target value (max _ 5 %) and the second source of error arises from the measurement procedures used to assess conductivity. The uncertainty shall be assessed using a rectangular probability For 10 g averaging, the maximum weighting coefficient for SAR is 0,5.

EN 62209 RECOMMENDED TISSUE DIELECTRIC PARAMETERS

The head and body tissue dielectric parameters recommended by the EN 62209 have been incorporated in the following table.

Frequency	ϵ_r	σ 10g S/m
300	45.3	0.87
450	43.5	0.87
750	41.9	0.89
835	41.5	0.90
900	41.5	0.97
1450	40.5	1.20
1800 to 2000	40.0	1.40
2100	39.8	1.49
2450	39.2	1.80
2600	39.0	1.96
3000	38.5	2.40
3500	37.9	2.91
4000	37.4	3.43
4500	36.8	3.94
5000	36.2	4.45
5200	36.0	4.66
5400	35.8	4.86
5600	35.5	5.07
5800	35.3	5.27



LIQUID MEASUREMENT RESULTS

Date	Ambient		Simulating Liquid		Parameters	Target	Measured	Deviation %	Limited %
	Temp. [°C]	Humidity %	Frequency (MHz)	Temp. [°C]					
2025-10-30	23.6	44	750	23.3	Permittivity	41.90	42.86	2.29	±10
					Conductivity	0.89	0.90	1.12	±10
2025-11-04	24	53	835	23.8	Permittivity	41.50	41.11	-0.94	±10
					Conductivity	0.90	0.89	-1.11	±10
2025-11-05	22.1	58	1800	21.1	Permittivity	40.00	40.48	1.20	±10
					Conductivity	1.40	1.39	-0.71	±10
2025-11-05	22.5	43	1900	22.1	Permittivity	40.00	40.30	0.75	±10
					Conductivity	1.40	1.35	-3.57	±10
2025-10-30	23.1	53	2000	20.1	Permittivity	40.00	40.55	1.37	±10
					Conductivity	1.40	1.43	2.14	±10
2025-10-29	23.3	50	2450	23	Permittivity	39.20	39.58	0.97	±10
					Conductivity	1.80	1.78	-1.11	±10
2025-10-29	23.9	40	2600	20.6	Permittivity	39.00	39.14	0.36	±10
					Conductivity	1.96	1.97	0.51	±10

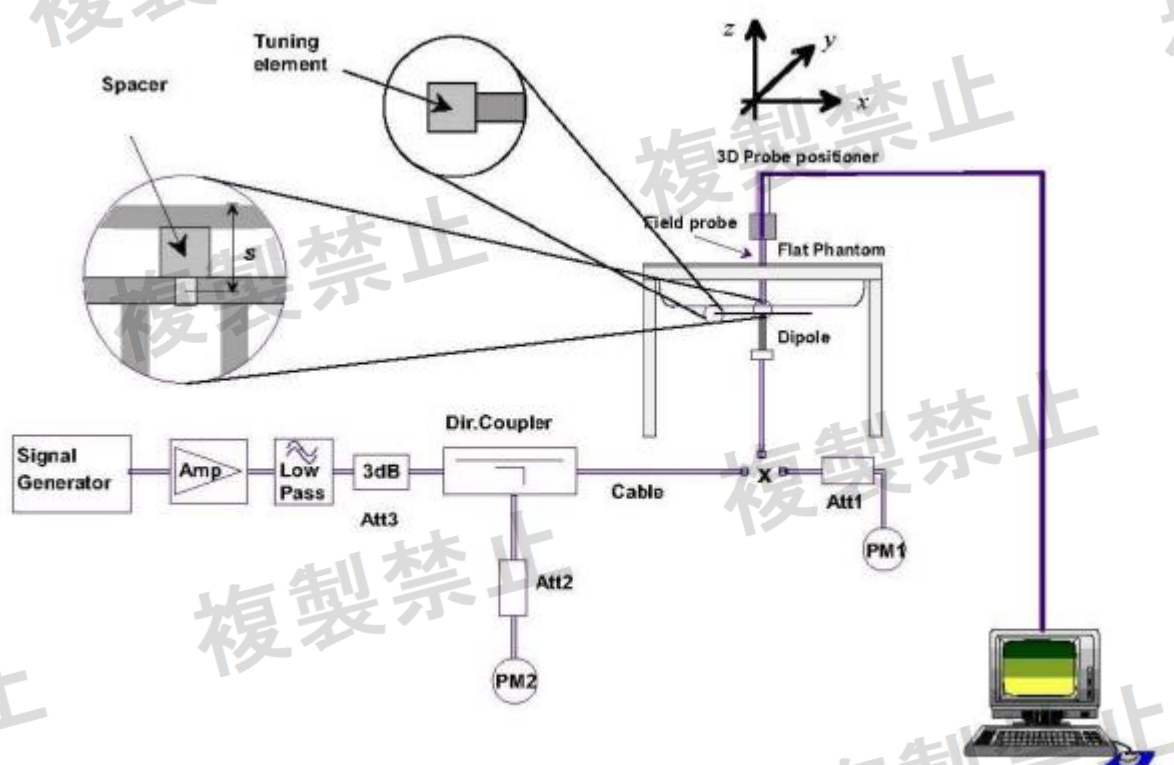


5. SAR System Validation

5.1 Validation System

Each MVG system is equipped with one or more system validation kits. These units, together with the predefined measurement procedures within the MVG software, enable the user to conduct the system performance check and system validation. System kit includes a dipole, and dipole device holder.

The system check verifies that the system operates within its specifications. It's performed daily or before every SAR measurement. The system check uses normal SAR measurement in the flat section of the phantom with a matched dipole at a specified distance. The system validation setup is shown as below.





5.2 Validation Result

Comparing to the original SAR value provided by MVG, the validation data should be within its specification of $\pm 10\%$.

Date	Freq. (MHz)	Power (mW)	Power drift (%)	Tested Value (W/Kg)	Normalized SAR (W/kg)	Target SAR10g (W/kg)	Tolerance (%)
2025-10-30	750	100	-1.26	0.608	6.08	5.61	8.38
2025-11-04	835	100	-2.82	0.591	5.91	5.98	-1.17
2025-11-05	1800	100	3.42	1.910	19.10	19.11	-0.05
2025-11-05	1900	100	2.62	2.070	20.70	20.78	-0.38
2025-10-30	2000	100	-3.89	2.013	20.13	20.45	-1.56
2025-10-29	2450	100	-0.60	2.479	24.79	24.65	0.57
2025-10-29	2600	100	2.72	2.531	25.31	25.29	0.08



6. SAR Evaluation Procedures

The procedure for assessing the average SAR value consists of the following steps:

- 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.
- Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to 16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
- 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.

Area Scan & Zoom Scan:

For handsets operating above 300 MHz evaluated with the homogeneous head model, the SAR distribution is measured on a two-dimensional coarse grid at a fixed separation distance of less than 8 mm from the surface of the phantom shell. The scan region should cover all areas that are exposed and encompassed by the projection of the handset. In order to maintain a fixed distance of less than 8 mm from the surface to within ± 1 mm, as required by the measurement protocol, the exact shape and dimensions of the phantom inner surface shall be known, pre-calibrated, or preferably detected during the SAR measurement with a mechanical or optical surface-detection mechanism that meets the probe positioning requirements. This evaluation technique determines the maximum spacing between the grid points, i.e., it has been found that a 20 mm $\times$ 20 mm grid is usually sufficient to achieve the required precision if two staggered one-dimensional cubic splines are used to locate the maximum SAR location;.

The maximum local SAR is evaluated on an interpolated grid at 1 mm to 2 mm resolution during the zoom scan. A zoom-scan volume of 32 mm $\times$ 32 mm $\times$ 30 mm, consisting of 5 $\times$ 5 $\times$ 7 points with the center at the peak SAR location determined during the area scan, can be chosen. Although a scan resolution of 8 mm is sufficient for directions parallel to the surface, 5 mm is needed in the direction normal to the surface of the phantom to achieve the required extrapolation accuracy.

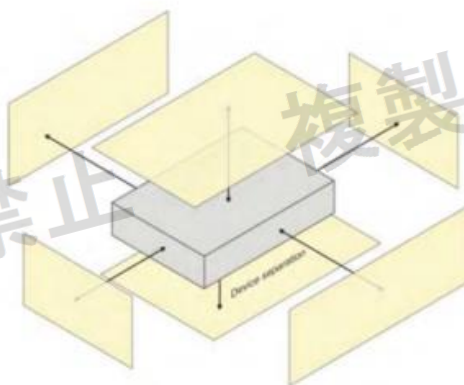


7. EUT Test Position

This EUT was tested in Front Face and Rear Face.

7.1 Body-worn Position Conditions

- 1) To position the EUT parallel to the phantom surface.
- 2) To adjust the EUT parallel to the flat phantom.
- 3) To adjust the distance between the EUT surface and the flat phantom to 0mm.





8. Uncertainty

8.1 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in EN/IEC IEC 62209-1528. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Symbol	Uncertainty Component	Prob. Dist.	Unc. $u(x_i)$	Div. q_i	$u(x_i) = a(x_i)/q_i$	C_i	$u(y) = C_i * u(x_i)$	v_i
Measurement system errors								
CF	Probe calibration	N ($k = 2$)	5.8	2	2.90	1	2.90	∞
CF _{drift}	Probe calibration drift	R	0.12	$\sqrt{3}$	0.07	1	0.07	∞
LIN	Probe linearity and detection limit	R	1.91	$\sqrt{3}$	1.10	1	1.10	∞
BBS	Broadband signal	R	0.15	$\sqrt{3}$	0.09	1	0.09	∞
ISO	Probe isotropy	R	0.18	$\sqrt{3}$	0.10	1	0.10	∞
DAE	Other probe and data acquisition errors	N	2.7	1	2.70	1	2.70	∞
AMB	RF ambient and noise	N	1.73	1	1.73	1	1.73	∞
Δ_{xyz}	Probe positioning errors	N	0.81	1	0.81	2/5	0.81	
DAT	Data processing errors	N	2.5	1	2.50	1	2.50	∞
Phantom and device (DUT or validation antenna) errors								
LIQ(σ)	Measurement of phantom conductivity(σ)	N	4.4	1	4.4	$c\epsilon, c\sigma$	4.40	∞
LIQ(T_c)	Temperature effects (medium)	R	2.9	$\sqrt{3}$	1.67	$c\epsilon, c\sigma$	1.67	∞
EPS	Shell permittivity	R	3.4	$\sqrt{3}$	1.96	See 8.4.2.3	0.49	∞
DIS	Distance between the radiating element of the DUT and the phantom medium	N	0.8	1	0.8	2	1.60	∞
D _{xyz}	Repeatability of positioning the DUT or source against the phantom	N	1.5	1	1.5	1	1.50	5
H	Device holder effects	N	3	1	3	1	3.00	
MOD	Effect of operating mode on probe sensitivity	R	3.59	$\sqrt{3}$	2.07	1	2.07	∞
TAS	Time-average SAR	R	1.73	$\sqrt{3}$	1.00	1	1.00	∞
RF _{drift}	Variation in SAR due to drift in output of DUT	N	2.89	1	2.89	1	2.89	
VAL	Validation antenna uncertainty (validation measurement only)	N	1.45	1	1.45	1	1.45	
P _{in}	Uncertainty in accepted power (validation measurement only)	N	2.5	1	2.5	1	2.50	
Corrections to the SAR result (if applied)								
C(ϵ', σ)	Phantom deviation from target (ϵ', σ)	N	2.31	1	2.31	1	2.31	
C(R)	SAR scaling	R	1.15	$\sqrt{3}$	0.66	1	0.66	
u(Δ SAR)	Combined uncertainty						9.53	
U	Expanded uncertainty and effective degrees of freedom					U =	19.06	



9. Conducted Power Measurement

9.1 Test Result

WCDMA

As the SAR body tests for WCDMA, we established the radio link through call processing. The maximum output power were verified on high, middle and low channels for each test band according to 3GPP TS 34.121 with the following configuration: a 12.2kbps RMC, 64,144,384 kbps RMC with TPC set to all "all '1's"b Test loop Mode 1

The following procedures had been used to prepare the EUT for the SAR test.

Band	WCDMA Band I (dBm)			WCDMA Band VIII (dBm)		
Channel	9612	9750	9888	2712	2787	2863
Frequency (MHz)	1922.4	1950	1977.6	882.4	897.4	912.6
RMC 12.2Kbps	22.40	22.45	22.26	22.01	22.08	22.51
HSDPA Subtest	22.33	20.32	21.31	22.18	18.90	21.41
HSUPA Subtest	22.26	20.30	20.94	22.24	18.92	21.08



WLAN (2.4G band)

- The client supplied a special driver to program the EUT, allowing it to continually transmit the specified maximum power and change the channel frequency.
- Maximum conducted power was measured by replacing the antenna with an adapter for conductive measurement.
- The conducted power was measured at the high, middle and low channel frequency before and after the SAR measurement.
- During SAR test, the highest output channel per band measured first, and then if necessary, the other channels were measured according to the normal procedures.

Output power (dBm):

2.4GWIFI				
Mode	Channel Number	Frequency (MHz)	Output Power (dBm)	Output Power (mW)
802.11b	1	2412	9.45	8.81
	7	2442	8.79	7.57
	13	2472	8.05	6.38
802.11g	1	2412	10.26	10.62
	7	2442	8.61	7.26
	13	2472	9.64	9.20
802.11n-HT20	1	2412	10.33	10.79
	7	2442	7.49	5.61
	13	2472	4.81	3.03
802.11n-HT40	3	2422	6.76	4.74
	7	2442	4.9	3.09
	11	2462	5.12	3.25
802.11ax-HT20	1	2412	7.06	5.08
	7	2442	8.29	6.75
	13	2472	7.29	5.36
802.11ax-HT40	3	2422	5.46	3.52
	7	2442	5.35	3.43
	11	2462	3.82	2.41



LTE output list

Bandwidth (MHz)	Channel (MHz)	Result (dBm)			
		LTE Band 1	LTE Band 3	LTE Band 5	LTE Band 8
3	Low	N/A	22.96	20.99	21.97
	Middle	N/A	22.92	20.64	22.06
	High	N/A	22.78	21.67	22.21
5	Low	22.23	23.05	20.99	21.98
	Middle	22.48	22.94	20.94	21.42
	High	22.3	22.75	21.56	22.11
10	Low	22.37	23.12	20.89	22.03
	Middle	22.46	22.98	21.01	21.18
	High	22.43	22.89	21.68	22.36
15	Low	22.39	23.11	N/A	N/A
	Middle	22.49	23.08	N/A	N/A
	High	22.25	22.87	N/A	N/A
	18125(1932.5)	22.21	N/A	N/A	N/A
20	Low	22.46	23.11	N/A	N/A
	Middle	22.66	23.29	N/A	N/A
	High	22.62	22.99	N/A	N/A
	18100(1930)	22.21	N/A	N/A	N/A

Bandwidth (MHz)	Channel (MHz)	Result (dBm)			
		LTE Band 18	LTE Band 19	LTE Band 26	LTE Band 28
3	Low	20.79	21.52	21.02	N/A
	Middle	20.74	21.79	21.42	N/A
	High	20.73	21.88	22.13	N/A
5	Low	20.74	21.05	21.02	23.16
	Middle	20.85	21.68	21.2	23.02
	High	20.61	21.79	21.98	22.64
10	Low	20.88	20.98	21.1	23.07
	Middle	20.83	21.34	20.99	22.65
	High	20.83	22	22.21	22.44
15	Low	N/A	N/A	21.02	23.15
	Middle	20.68	21.81	21.42	22.83
	High	N/A	N/A	22.13	22.55
20	Low	N/A	N/A	N/A	23.24
	Middle	N/A	N/A	N/A	22.65
	High	N/A	N/A	N/A	21.34



Bandwidth (MHz)	Channel (MHz)	Result (dBm)			
		LTE Band 34	LTE Band 38	LTE Band 39	LTE Band 40
1.4	Low	N/A	N/A	22.2	N/A
	Middle	N/A	N/A	22.43	N/A
	High	N/A	N/A	22.1	N/A
5	Low	22.42	20.16	22.53	22.34
	Middle	22.56	20.56	22.31	22.51
	High	22.45	21.04	22.07	22.44
10	Low	22.75	20.26	N/A	N/A
	Middle	22.55	20.65	22.29	N/A
	High	22.5	20.97	N/A	N/A
15	Low	N/A	N/A	N/A	N/A
	Middle	22.45	N/A	N/A	N/A
	High	N/A	N/A	N/A	N/A
20	Low	N/A	20.43	N/A	22.46
	Middle	N/A	20.82	N/A	22.51
	High	N/A	21.12	N/A	22.47

Bandwidth (MHz)	Channel (MHz)	Result (dBm)
		LTE Band 41
5	Low	20.74
	Middle	21.24
	High	22.6
10	Low	20.9
	Middle	21.55
	High	22.57
15	Low	N/A
	Middle	N/A
	High	N/A
20	Low	20.74
	Middle	21.49
	High	22.63



9.2 Tune up power

Mode	WCDMA Band 1	WCDMA Band 8
RMC	22±0.5dBm	22±0.6dBm
HSDPA Subtest-1	21±1.4dBm	21±1.2dBm
HSDPA Subtest-2	21±1.3dBm	21±1.3dBm

Mode	2.4G WLAN
802.11b	8.5±1dBm
802.11g	9.3±1dBm
802.11n(HT20)	9.5±1dBm
802.11n(HT40)	6±1dBm
802.11ax(HT20)	7.4±1dBm
802.11ax(HT40)	4.5±1dBm

BW[MHz]	Mode	Band 1	Band 3	Band 5	Band 8
3	QPSK	N/A	22±1dBm	20±1.7dBm	21±1.3dBm
5	QPSK	22±0.5dBm	22±1.1dBm	20±1.6dBm	21±1.2dBm
10	QPSK	22±0.5dBm	22±1.2dBm	20±1.8dBm	21±1.5dBm
15	QPSK	22±0.5dBm	22±1.2dBm	N/A	N/A
20	QPSK	22±0.7dBm	22±1.3dBm	N/A	N/A

BW[MHz]	Mode	Band 18	Band 19	Band 26	Band 28
3	QPSK	20±1dBm	21±1dBm	21±1.2dBm	N/A
5	QPSK	20±1dBm	21±1dBm	21±1dBm	22±1.2dBm
10	QPSK	20±1dBm	21±1.1dBm	21±1.3dBm	22±1.1dBm
15	QPSK	20±1dBm	21±1dBm	21±1.2dBm	22±1.2dBm
20	QPSK	N/A	N/A	N/A	22±1.3dBm

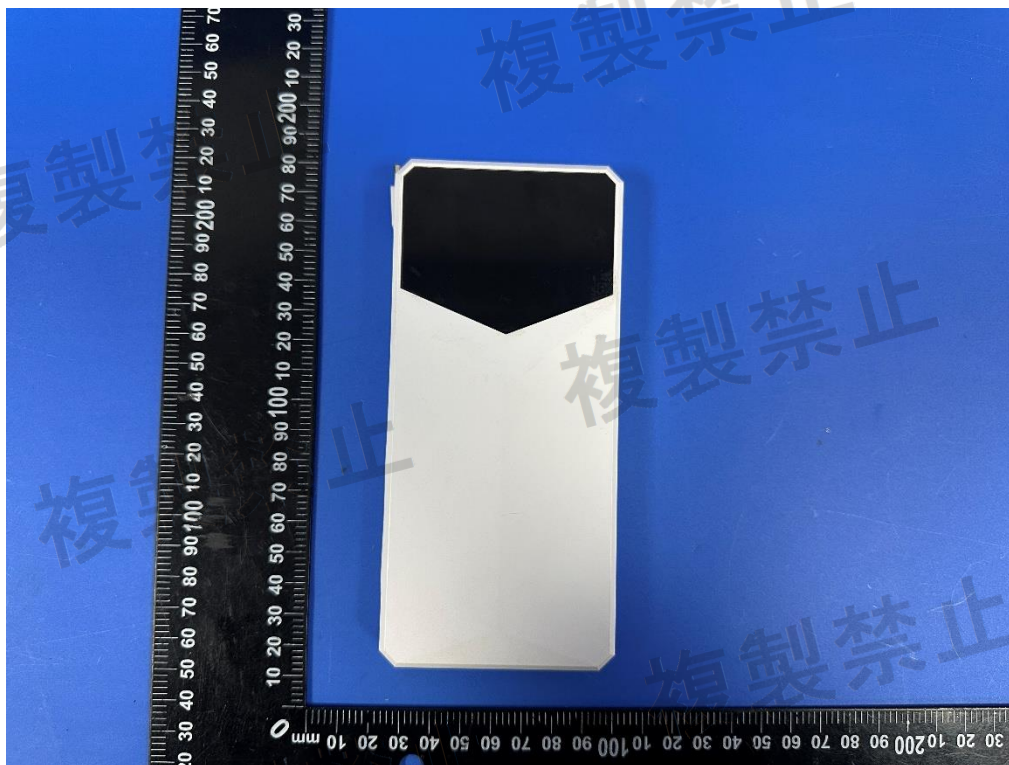
BW[MHz]	Mode	Band 34	Band 38	Band 39	Band 40	Band 41
1.4	QPSK	N/A	N/A	20±2.5dBm	N/A	N/A
5	QPSK	22±0.6dBm	20±1.1dBm	20±2.6dBm	22±0.6dBm	22±0.7dBm
10	QPSK	22±1dBm	20±1dBm	20±2.3dBm	N/A	22±0.6dBm
15	QPSK	22±0.5dBm	N/A	N/A	N/A	N/A
20	QPSK	N/A	20±1.2dBm	N/A	22±0.6dBm	22±0.7dBm



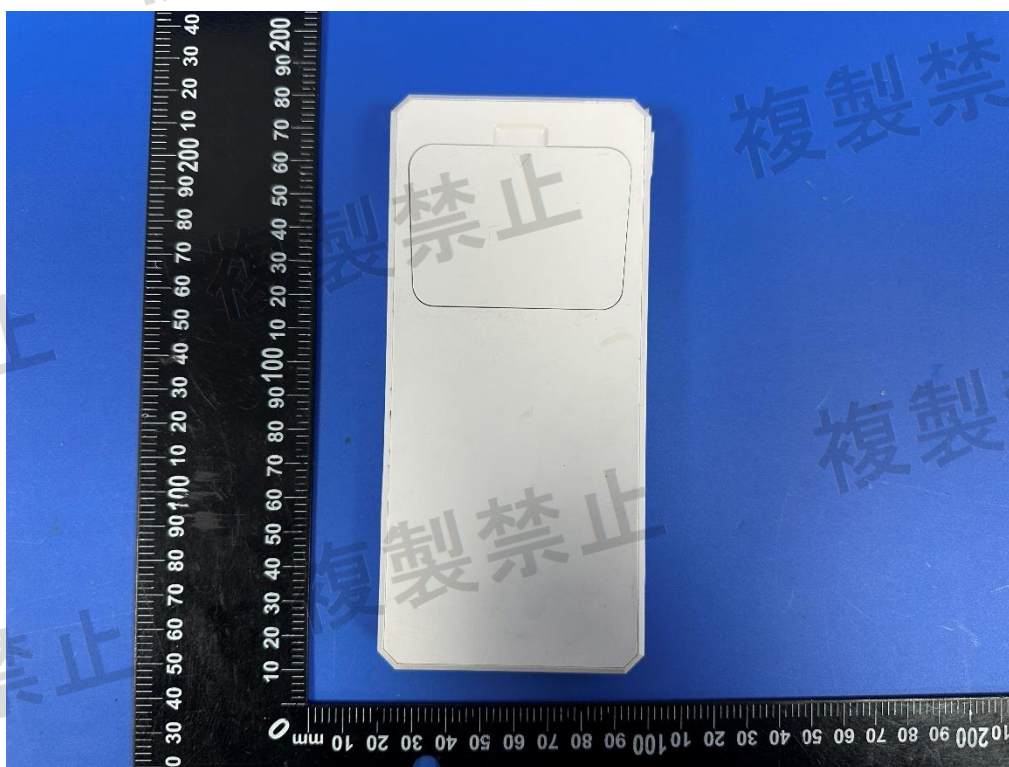
10. Test Photos and Results

10.1 EUT Photos

Front side

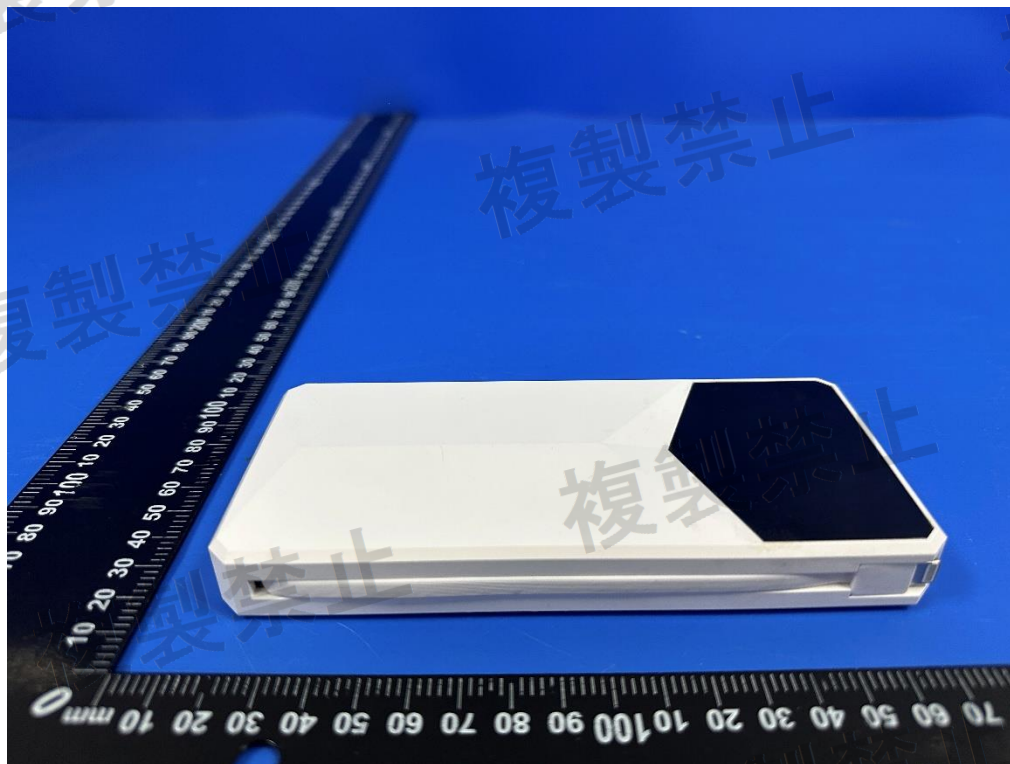


Back side

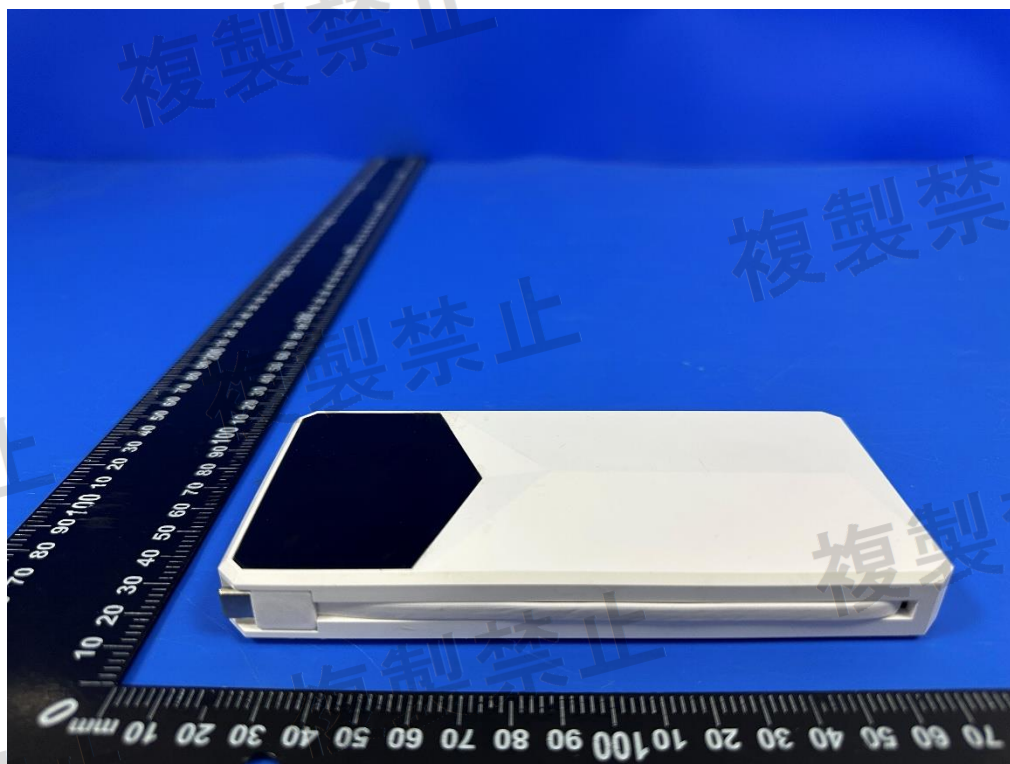




Right Edge

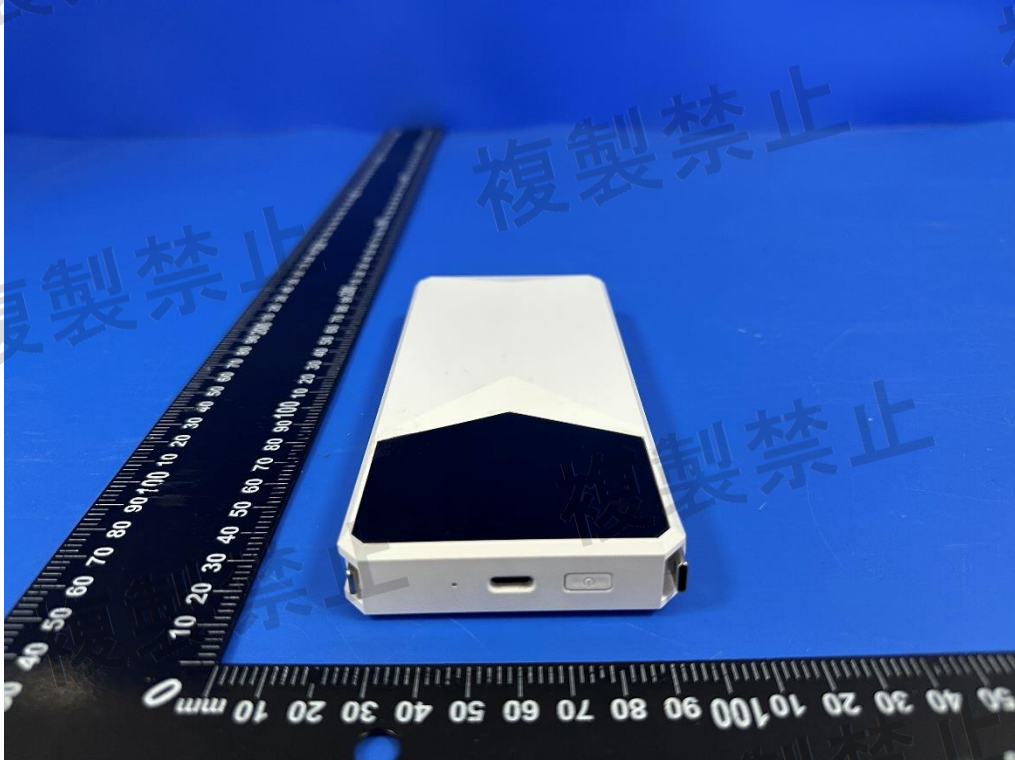


Left Edge

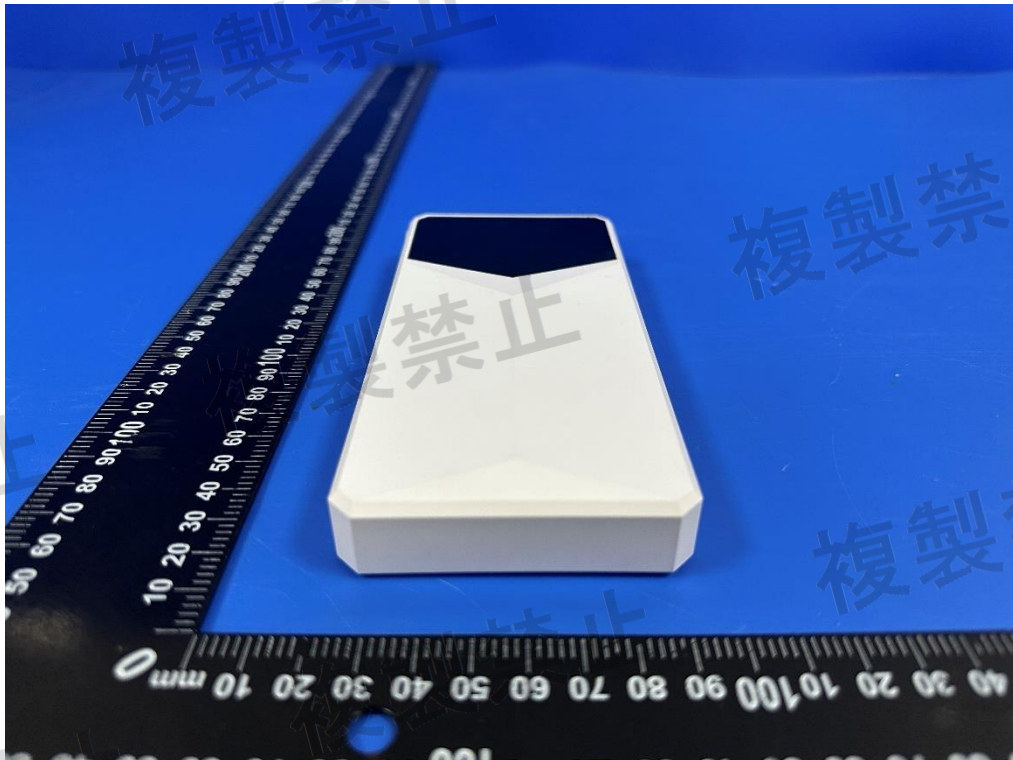




Top Edge



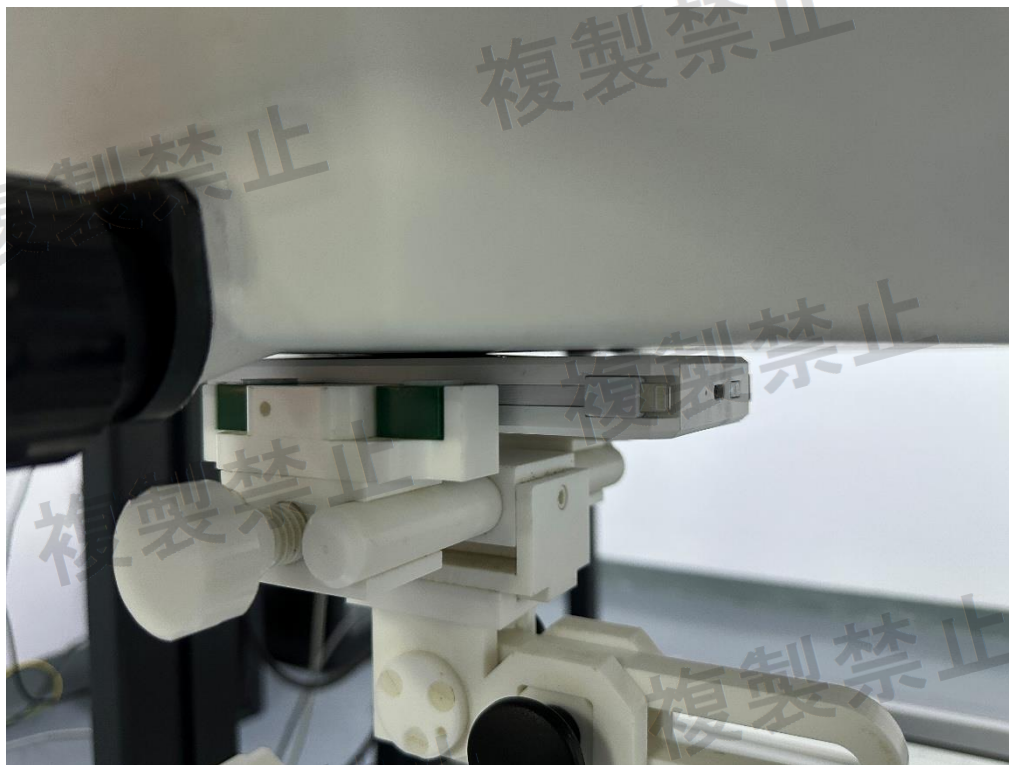
Bottom Edge



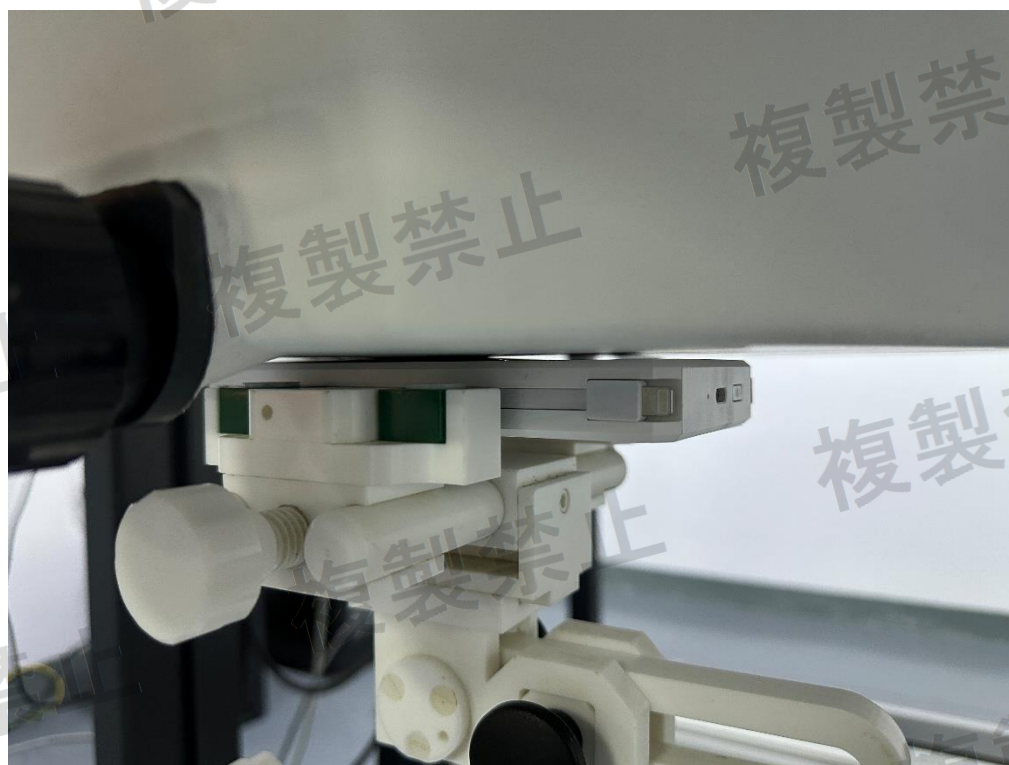


10.2 Setup Photos

Body Front side

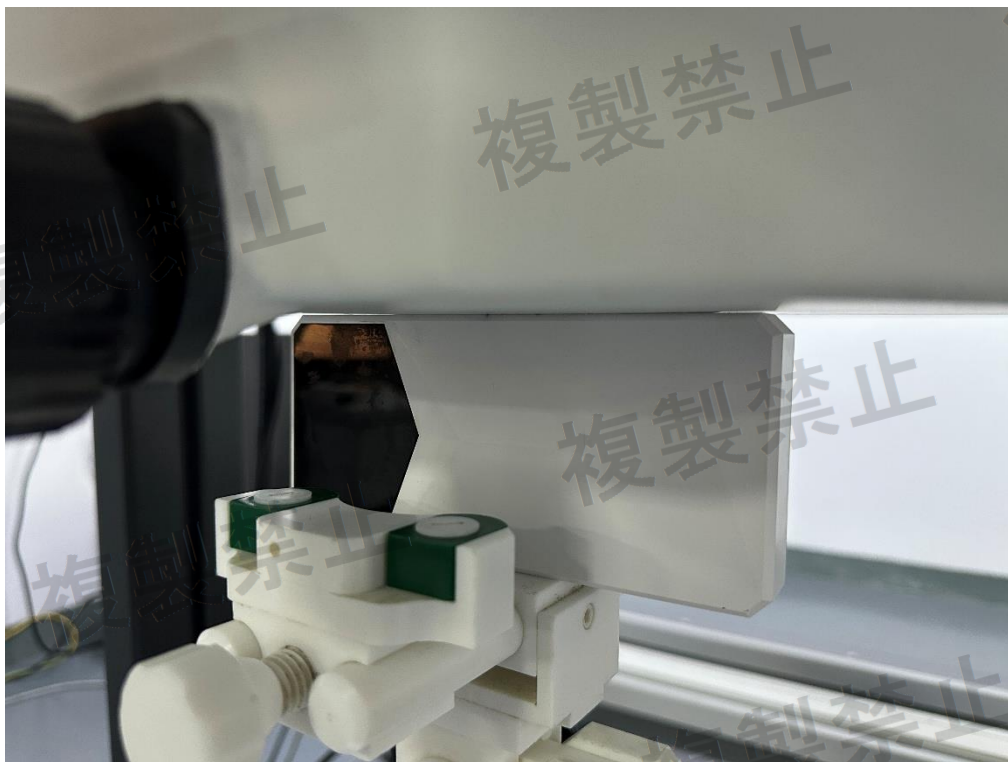


Body Back side

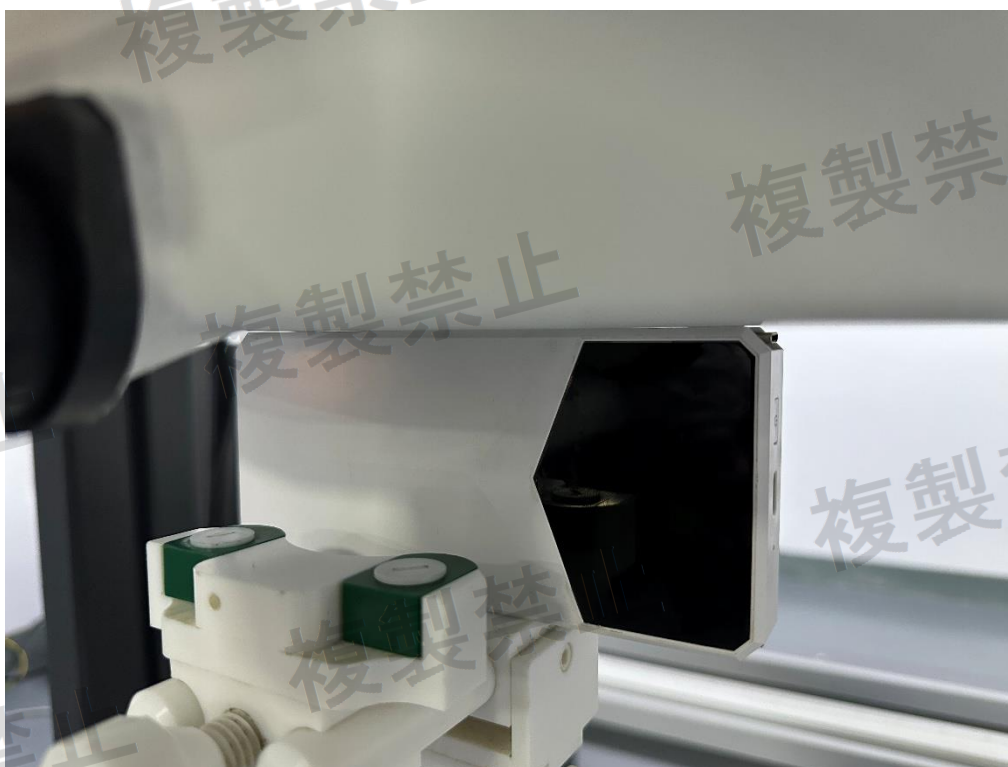




Body Right side

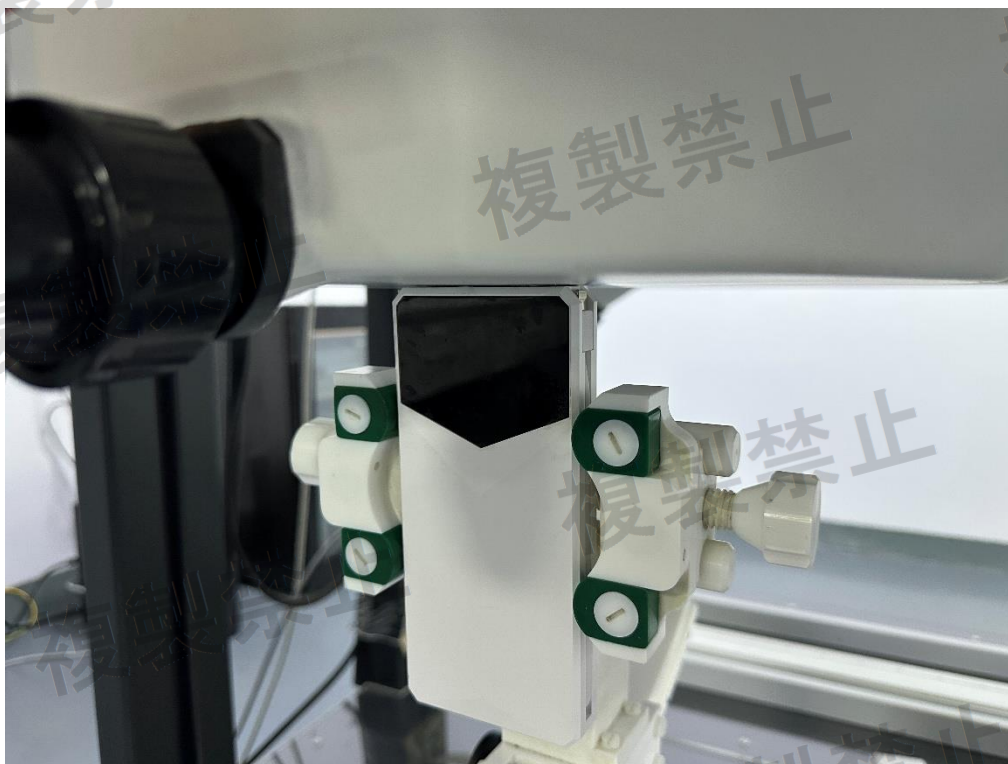


Body Left side

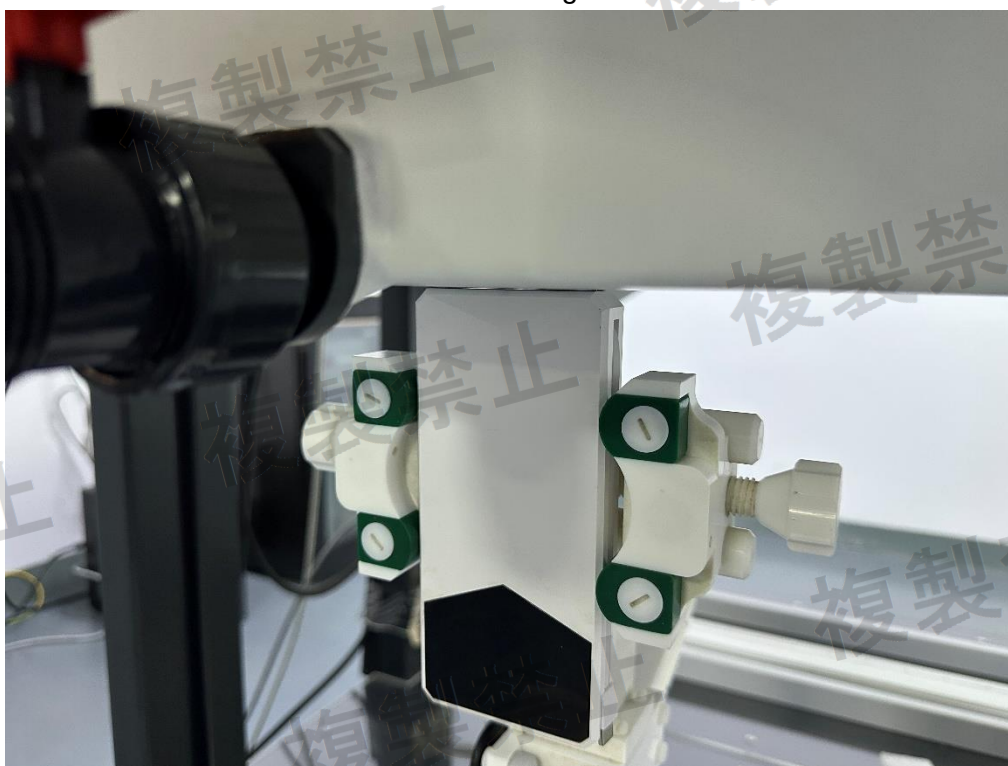




Top Edge

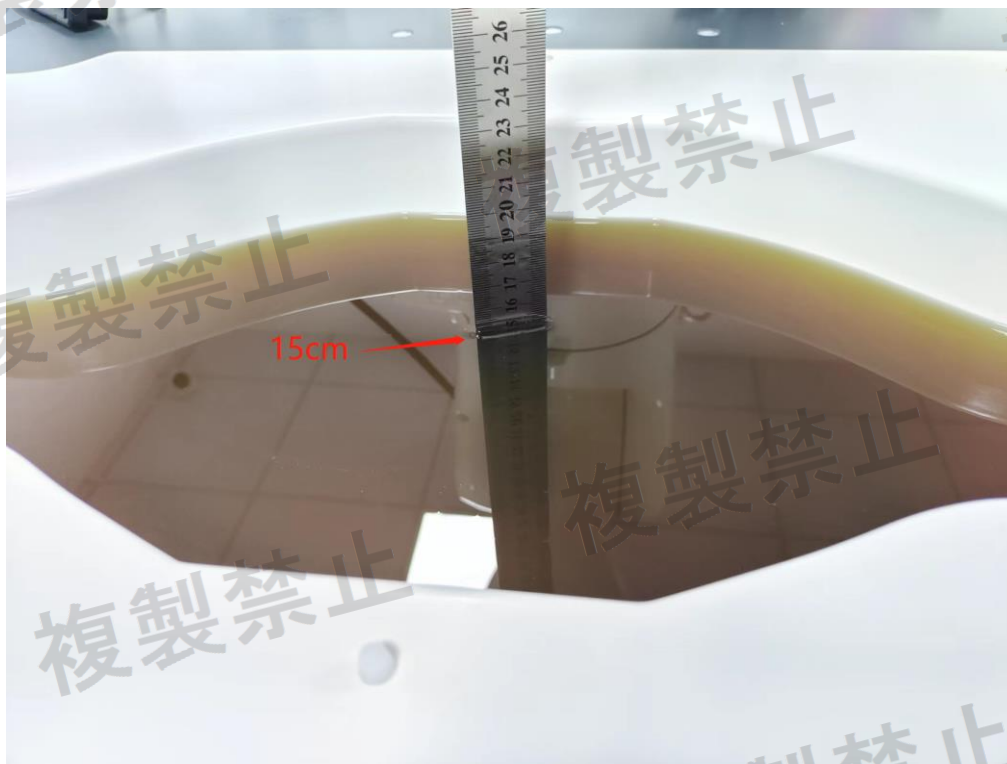


Bottom Edge





Liquid depth (15 cm)





11. SAR Result Summary

11.1 Body SAR

Band	Model	Test Position	Freq.	SAR (10g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
WCDMA Band I	RMC	Front Side	1950	0.609	1.68	22.50	22.45	0.616	/
		Back Side	1950	0.259	1.62	22.50	22.45	0.262	/
		Left Edge	1950	0.521	-2.23	22.50	22.45	0.527	/
		Right Edge	1950	0.439	0.43	22.50	22.45	0.444	/
		Top Edge	1950	0.286	-3.95	22.50	22.45	0.289	/
		Bottom Edge	1922.4	1.010	3.84	22.50	22.40	1.034	/
		Bottom Edge	1950	1.064	-0.94	22.50	22.45	1.076	1
		Bottom Edge	1977.6	1.015	-0.72	22.50	22.26	1.073	/
WCDMA Band VIII	RMC	Front Side	912.6	0.324	-0.35	22.60	22.51	0.331	/
		Back Side	912.6	0.138	1.09	22.60	22.51	0.141	/
		Left Edge	912.6	0.278	3.30	22.60	22.51	0.284	/
		Right Edge	912.6	0.235	-2.69	22.60	22.51	0.240	/
		Top Edge	912.6	0.156	1.87	22.60	22.51	0.159	/
		Bottom Edge	912.6	0.562	3.30	22.60	22.51	0.574	2
LTE Band 1	20MHz BW, 1RB Offset 0	Front Side	1950	0.753	1.67	22.70	22.66	0.760	/
		Back Side	1950	0.32	-1.75	22.70	22.66	0.323	/
		Left Edge	1950	0.65	-1.78	22.70	22.66	0.656	/
		Right Edge	1950	0.541	-2.75	22.70	22.66	0.546	/
		Top Edge	1950	0.355	2.42	22.70	22.66	0.358	/
		Bottom Edge	1930	1.221	-2.43	22.70	22.46	1.290	/
		Bottom Edge	1950	1.318	1.79	22.70	22.66	1.330	3
		Bottom Edge	1970	1.286	3.31	22.70	22.62	1.310	/
LTE Band 3	20MHz BW, 1RB Offset 0	Front Side	1747.5	0.7	-2.04	23.30	23.29	0.702	/
		Back Side	1747.5	0.294	-0.53	23.30	23.29	0.295	/
		Left Edge	1747.5	0.601	-1.63	23.30	23.29	0.602	/
		Right Edge	1747.5	0.502	-3.83	23.30	23.29	0.503	/
		Top Edge	1747.5	0.332	2.26	23.30	23.29	0.333	/
		Bottom Edge	1720	1.121	-2.21	23.30	23.11	1.171	/
		Bottom Edge	1747.5	1.220	2.05	23.30	23.29	1.223	4
		Bottom Edge	1775	1.133	2.79	23.30	22.99	1.217	/
LTE Band 5	10MHz BW, 12RB Offset 0	Front Side	840	0.195	-3.74	21.80	21.68	0.200	/
		Back Side	840	0.082	-1.82	21.80	21.68	0.084	/
		Left Edge	840	0.169	3.09	21.80	21.68	0.174	/
		Right Edge	840	0.141	-3.55	21.80	21.68	0.145	/
		Top Edge	840	0.092	-2.54	21.80	21.68	0.095	/
		Bottom Edge	840	0.336	-2.67	21.80	21.68	0.345	5
LTE Band 8	10MHz BW, 12RB Offset 0	Front Side	910	0.469	-1.89	22.50	22.36	0.484	/
		Back Side	910	0.2	-3.76	22.50	22.36	0.207	/
		Left Edge	910	0.405	0.45	22.50	22.36	0.418	/
		Right Edge	910	0.338	-2.06	22.50	22.36	0.349	/
		Top Edge	910	0.224	-0.19	22.50	22.36	0.231	/
		Bottom Edge	910	0.821	-1.03	22.50	22.36	0.848	6



LTE Band 18	15MHz BW, 16RB Offset 0	Front Side	820	0.392	-2.29	21.00	20.88	0.403	/
		Back Side	820	0.167	2.88	21.00	20.88	0.172	/
		Left Edge	820	0.337	1.73	21.00	20.88	0.346	/
		Right Edge	820	0.286	2.51	21.00	20.88	0.294	/
		Top Edge	820	0.189	-2.57	21.00	20.88	0.194	/
		Bottom Edge	820	0.688	-3.45	21.00	20.88	0.707	7
LTE Band 19	15MHz BW, 16RB Offset 0	Front Side	840	0.25	-1.61	22.10	22.00	0.256	/
		Back Side	840	0.106	-0.34	22.10	22.00	0.108	/
		Left Edge	840	0.216	-3.47	22.10	22.00	0.221	/
		Right Edge	840	0.179	-0.64	22.10	22.00	0.183	/
		Top Edge	840	0.121	1.09	22.10	22.00	0.124	/
		Bottom Edge	840	0.437	0.19	22.10	22.00	0.447	8
LTE Band 26	15MHz BW, 16RB Offset 0	Front Side	840	0.365	3.12	22.30	22.21	0.373	/
		Back Side	840	0.154	-2.91	22.30	22.21	0.157	/
		Left Edge	840	0.315	1.82	22.30	22.21	0.322	/
		Right Edge	840	0.262	-3.56	22.30	22.21	0.267	/
		Top Edge	840	0.173	-2.73	22.30	22.21	0.177	/
		Bottom Edge	840	0.634	-0.43	22.30	22.21	0.647	9
LTE Band 28	20MHz BW, 1RB Offset 0	Front Side	728	0.518	2.20	23.30	23.24	0.525	/
		Back Side	728	0.22	-2.98	23.30	23.24	0.223	/
		Left Edge	728	0.448	-2.50	23.30	23.24	0.454	/
		Right Edge	728	0.374	-0.25	23.30	23.24	0.379	/
		Top Edge	728	0.244	3.89	23.30	23.24	0.247	/
		Bottom Edge	728	0.905	-2.09	23.30	23.24	0.918	10
LTE Band 34	15MHz BW, 16RB Offset 0	Front Side	2015	0.44	3.00	23.00	22.75	0.466	/
		Back Side	2015	0.187	-0.68	23.00	22.75	0.198	/
		Left Edge	2015	0.381	-1.91	23.00	22.75	0.404	/
		Right Edge	2015	0.32	-3.23	23.00	22.75	0.339	/
		Top Edge	2015	0.208	-2.20	23.00	22.75	0.220	/
		Bottom Edge	2015	0.772	1.04	23.00	22.75	0.818	11
LTE Band 38	20MHz BW, 1RB Offset 0	Front Side	2610	0.353	-1.01	21.20	21.12	0.360	/
		Back Side	2610	0.151	1.49	21.20	21.12	0.154	/
		Left Edge	2610	0.303	-3.93	21.20	21.12	0.309	/
		Right Edge	2610	0.255	2.34	21.20	21.12	0.260	/
		Top Edge	2610	0.166	-0.61	21.20	21.12	0.169	/
		Bottom Edge	2610	0.613	-2.68	21.20	21.12	0.624	12
LTE Band 39	10MHz BW, 12RB Offset 0	Front Side	1891	0.435	0.29	22.60	22.53	0.442	/
		Back Side	1891	0.187	-0.64	22.60	22.53	0.190	/
		Left Edge	1891	0.376	-1.18	22.60	22.53	0.382	/
		Right Edge	1891	0.315	1.62	22.60	22.53	0.320	/
		Top Edge	1891	0.206	1.10	22.60	22.53	0.209	/
		Bottom Edge	1891	0.763	0.70	22.60	22.53	0.775	13
LTE Band 40	20MHz BW, 1RB Offset 0	Front Side	2350	0.455	2.90	22.60	22.51	0.465	/
		Back Side	2350	0.194	3.84	22.60	22.51	0.198	/
		Left Edge	2350	0.389	-1.08	22.60	22.51	0.397	/
		Right Edge	2350	0.326	-2.82	22.60	22.51	0.333	/
		Top Edge	2350	0.217	-2.29	22.60	22.51	0.222	/
		Bottom Edge	2350	0.794	3.23	22.60	22.51	0.811	14



LTE Band 41	20MHz BW, 1RB Offset 0	Front Side	2645	0.358	0.03	22.70	22.63	0.364	/
		Back Side	2645	0.152	3.15	22.70	22.63	0.154	/
		Left Edge	2645	0.306	2.25	22.70	22.63	0.311	/
		Right Edge	2645	0.255	-2.92	22.70	22.63	0.259	/
		Top Edge	2645	0.167	-0.76	22.70	22.63	0.170	/
		Bottom Edge	2645	0.621	3.64	22.70	22.63	0.631	15
2.4GHz WLAN	802.11n-HT20	Front Side	2412	0.132	2.30	10.50	10.33	0.137	/
		Back Side	2412	0.584	0.73	10.50	10.33	0.607	16
		Left Edge	2412	0.024	-3.82	10.50	10.33	0.025	/
		Right Edge	2412	0.087	-1.27	10.50	10.33	0.090	/
		Top Edge	2412	0.025	3.79	10.50	10.33	0.026	/
		Bottom Edge	2412	0.015	-2.87	10.50	10.33	0.016	/

Note:

1. The test separation of all above table is 0mm.
2. When the 10g SAR is $\leq 1.0\text{W/kg}$, testing for low and high channel is optional.



11.2 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Body	1.WCDMA+ 2.4G WLAN
	3.LTE+ 2.4G WLAN

Note:

- For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
- The reported SAR summation is calculated based on the same configuration and test position.
- Multi -band transmission analysis for Body SAR is performed following EN 62209-2 procedure. One way of determining the threshold power level available to the secondary transmitter ($P_{\text{available}}$) is to calculate it from the measured peak spatial-average SAR of the primary transmitter (SAR_1) according to the equation:

$$P_{\text{available}} = P_{\text{th},m} * (SAR_{\text{lim}} - SAR_1) / SAR_{\text{lim}}$$

where:

$P_{\text{th},m}$ is the threshold exclusion power level taken from Annex B of IEC 62479 for the frequency of the secondary transmitter at the separation distance used in the testing.

If the output power of the secondary transmitter is less than $P_{\text{available}}$, SAR measurement for the secondary transmitter is not necessary.

Simultaneous Mode	Position	SAR ₁	Secondary transmitter Maximum Average Power		Separation distance	$P_{\text{available}}$	Result
		10g(W/Kg)	dBm	mW	(mm)	mW	
WCDMA + 2.4GWLAN	Body	1.076	10.50	11.220	5	9.240	Yes
LTE + 2.4GWLAN	Body	1.330	10.50	11.220	5	6.700	Yes

Note:

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

The "No" is represent that SAR measurement for the secondary transmitter is not necessary.

The "Yes" is means that SAR measurement for the secondary transmitter is necessary.

Simultaneous Mode	Position	Mode	Max. 10-g SAR W/Kg	10-g Sum SAR W/Kg
WCDMA + 2.4GWLAN	Body	WCDMA	1.076	1.683
		2.4GHz WLAN	0.607	
LTE + 2.4GWLAN	Body	LTE	1.330	1.937
		2.4GHz WLAN	0.607	

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.



12. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
750MHz Dipole	MVG	DIP0G750	SN 06/22 DIP0G750-638	2025.05.20	2028.05.19
835MHz Dipole	MVG	DIP0G835	SN 06/22 DIP0G835-639	2025.05.20	2028.05.19
1800MHz Dipole	MVG	DIP1G800	SN 06/22 DIP1G800-640	2025.05.20	2028.05.19
1900MHz Dipole	MVG	DIP1G900	SN 06/22 DIP1G900-641	2025.05.20	2028.05.19
2000MHz Dipole	MVG	DIP2G000	SN 06/22 DIP2G000-642	2025.05.20	2028.05.19
2450MHz Dipole	MVG	DIP2G450	SN 06/22 DIP2G450-645	2025.05.20	2028.05.19
2600MHz Dipole	MVG	DIP2G600	SN 06/22 DIP2G600-646	2025.05.20	2028.05.19
E-Field Probe	MVG	SSE2	2225-EPGO-450	2025.06.06	2026.06.05
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2025.06.02	2026.06.01
Antenna	MVG	ANTA 73	SN 06/22 ANTA 73	N/A	N/A
Ellipsoid Phantom	MVG	ELLI 51	SN 06/22 ELLI 51	N/A	N/A
Phantom	MVG	SAM 148	SN 06/22 SAM148	N/A	N/A
Phone holder	MVG	MSH 117	SN 06/22 MSH 117	N/A	N/A
Laptop positioner	MVG	LSH 36	SN 06/22 LSH 38	N/A	N/A
Directional coupler	SHW	SHWDCP	202203280013	N/A	N/A
Network Analyzer	ZVL	R&S	116184	2025.03.05	2026.03.04
Multi Meter	DMM6500	Keithley	4527252	2025.03.06	2026.03.05
Signal Generator	Keysight	N5182B	MY59100717	2025.03.05	2026.03.04
Wireless Communication Test Set	R&S	CMW500	137737	2025.03.05	2026.03.04
Power Sensor	R&S	Z11	116184	2025.03.05	2026.03.04
Electronic Temperature hygrometer	N/A	ST-W2318	N/A	2025.03.05	2026.03.04
Temperature hygrometer	N/A	TP101	N/A	2025.03.05	2026.03.04



Appendix A. System Validation Plot

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

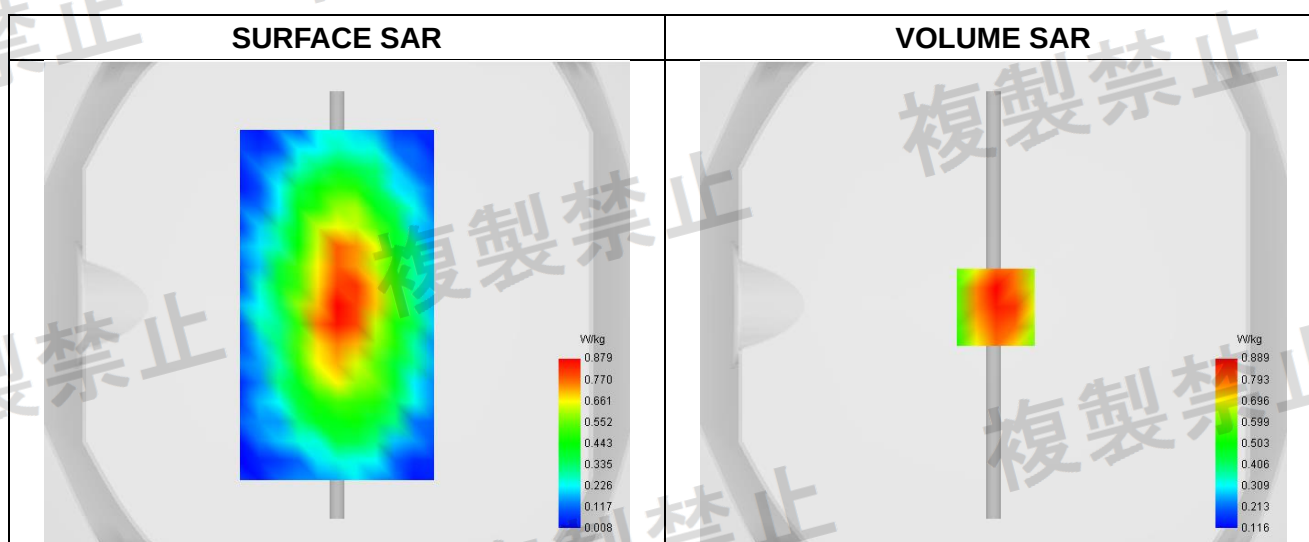
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-10-30

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.86
Conductivity (S/m)	0.90
Probe	2225-EPGO-450
ConvF	1.08
Crest factor:	1:1

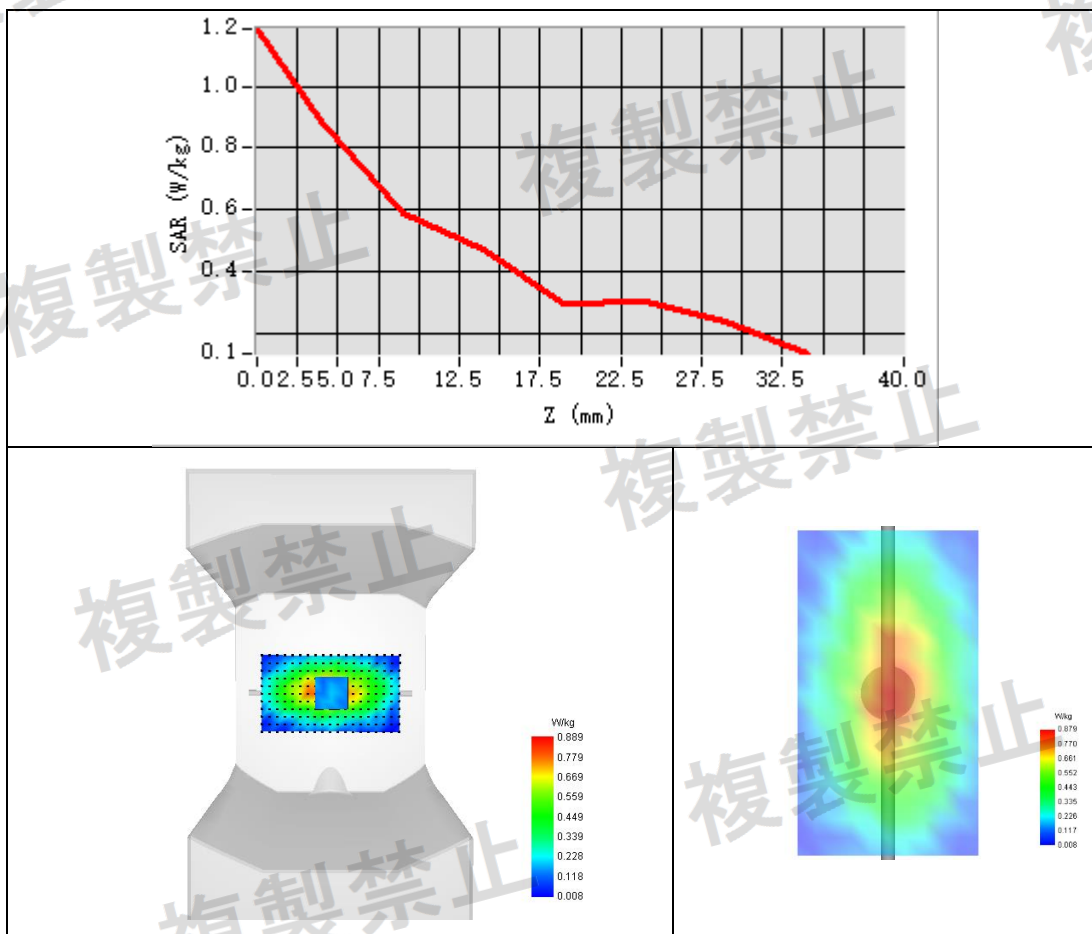


Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 1.35 W/kg

SAR 10g (W/Kg)	0.608
SAR 1g (W/Kg)	0.825



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

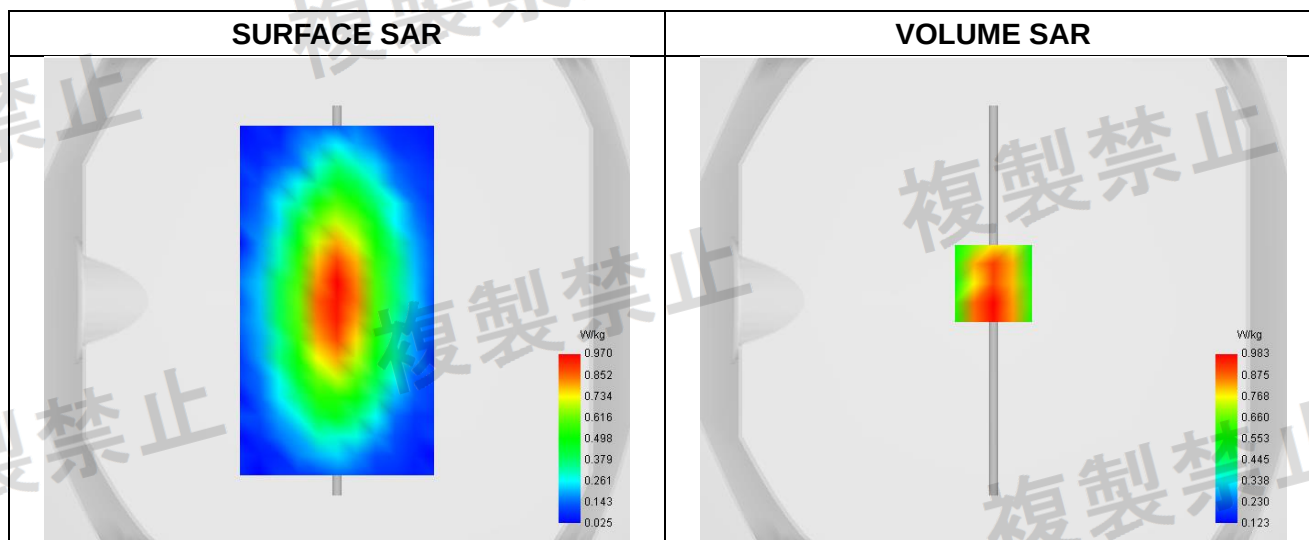
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-11-04

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.11
Conductivity (S/m)	0.89
Probe	2225-EPGO-450
ConvF	1.02
Crest factor:	1:1

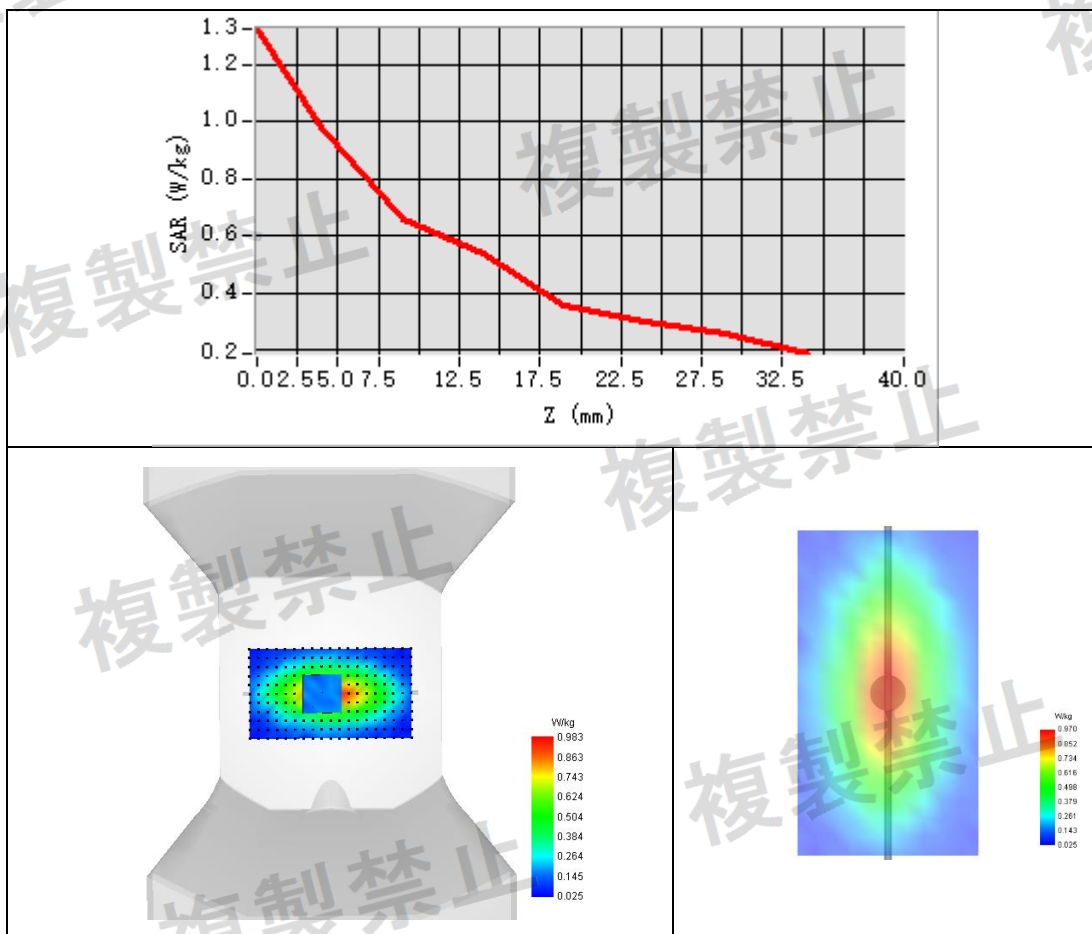


Maximum location: X=0.00, Y=7.00 ; SAR Peak: 1.32W/kg

SAR 10g (W/Kg)	0.591
SAR 1g (W/Kg)	0.970



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

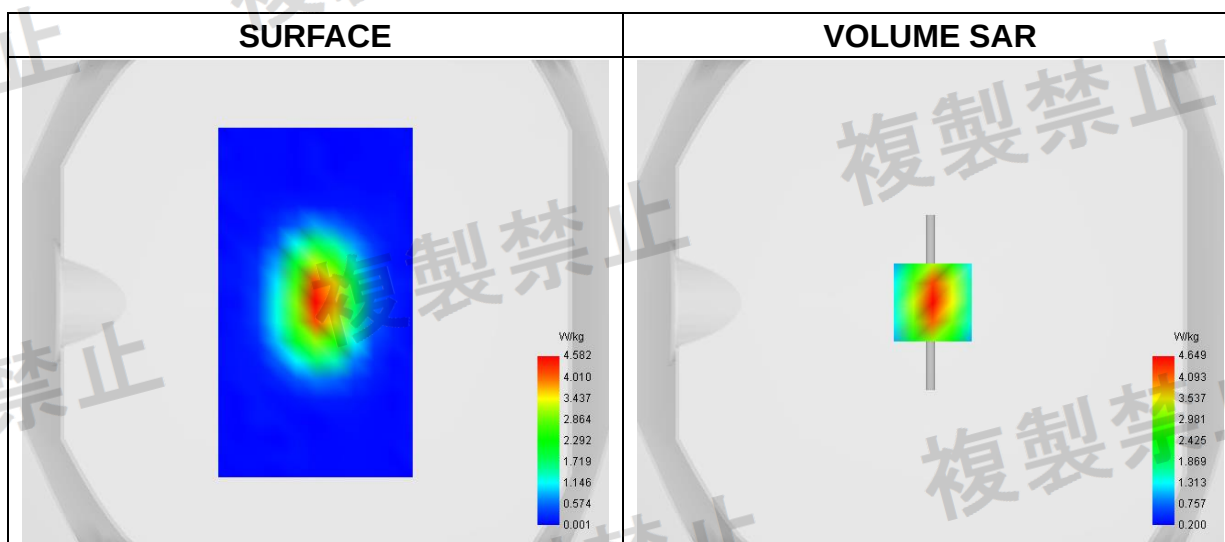
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-11-05

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.48
Conductivity (S/m)	1.39
Probe	2225-EPGO-450
ConvF	1.21
Crest factor:	1:1

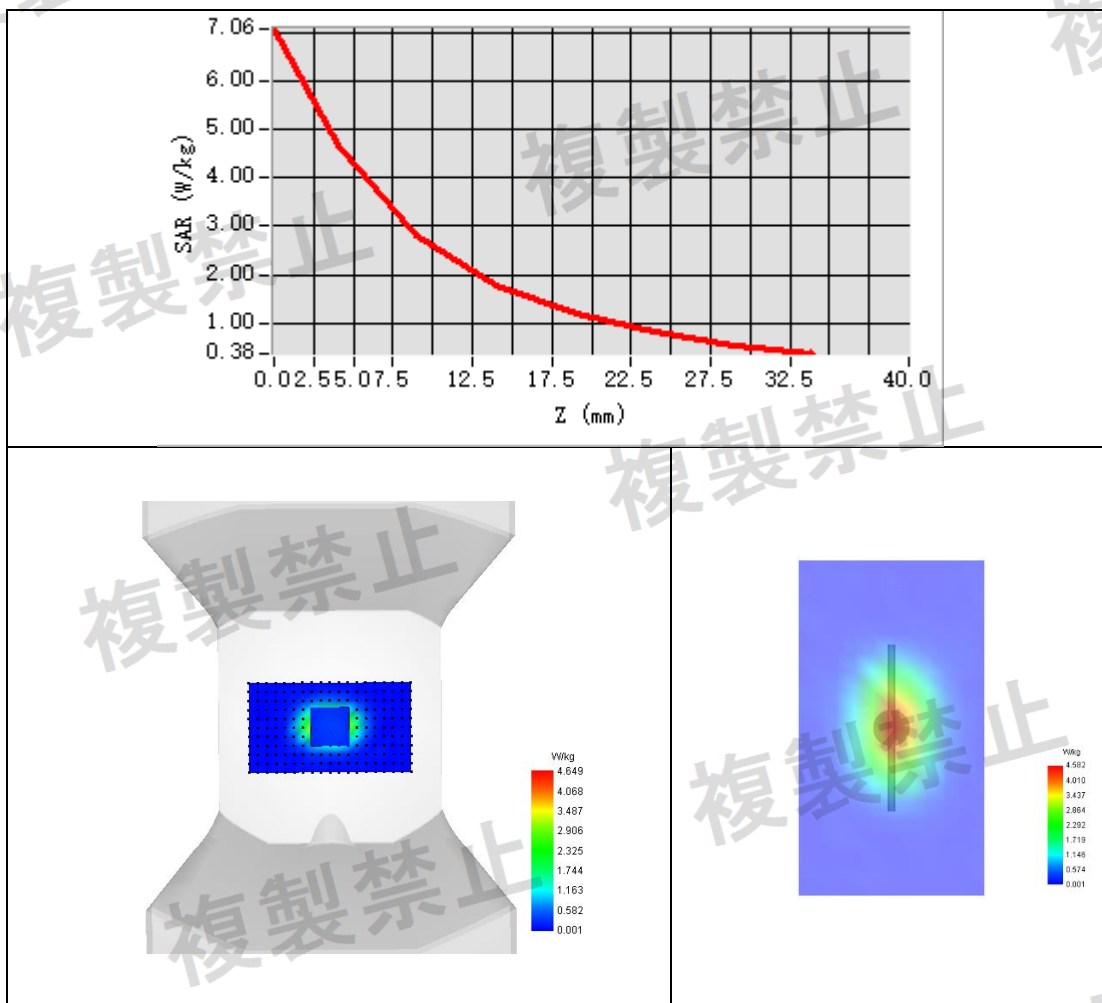


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 7.05 W/kg

SAR 10g (W/Kg)	1.910
SAR 1g (W/Kg)	3.635



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

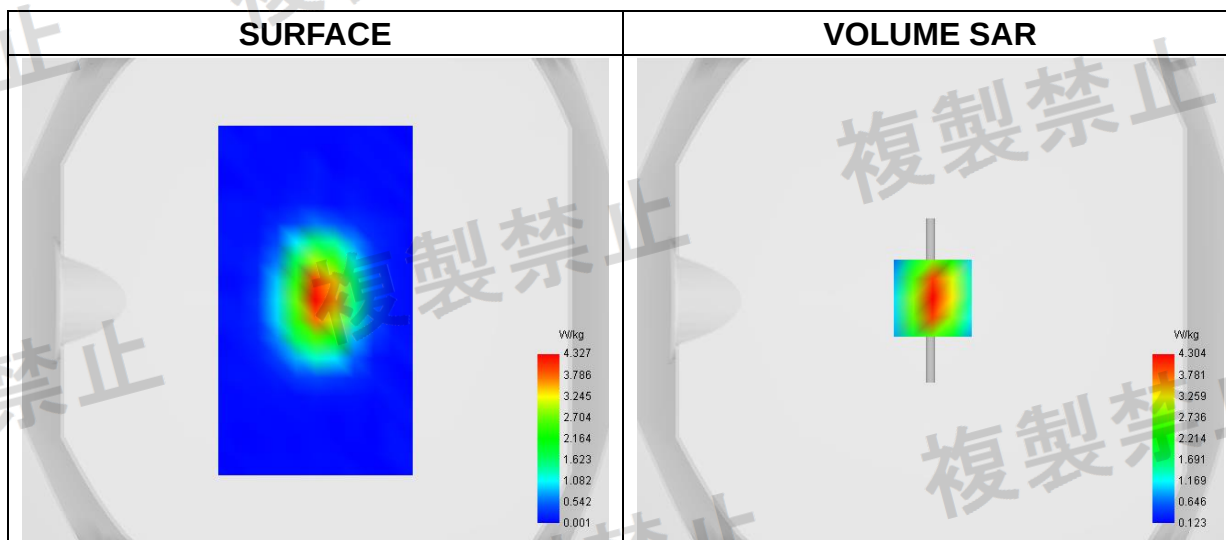
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-11-05

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.30
Conductivity (S/m)	1.35
Probe	2225-EPGO-450
ConvF	1.34
Crest factor:	1:1

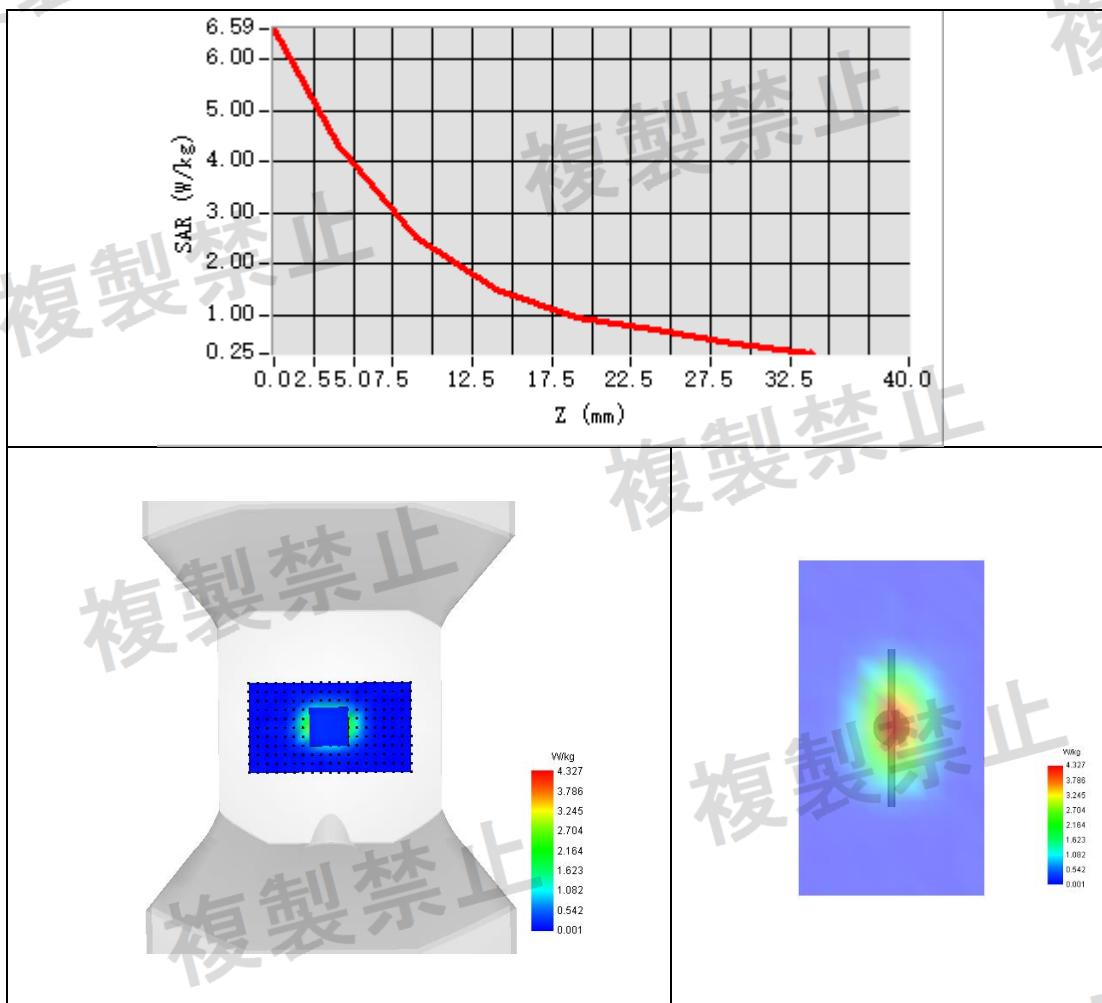


Maximum location: X=1.00, Y=1.00 ; SAR Peak: 6.64 W/kg

SAR 10g (W/Kg)	2.070
SAR 1g (W/Kg)	3.979



Z Axis Scan





System Performance Check Data (2000MHz)

Type: Phone measurement (Complete)

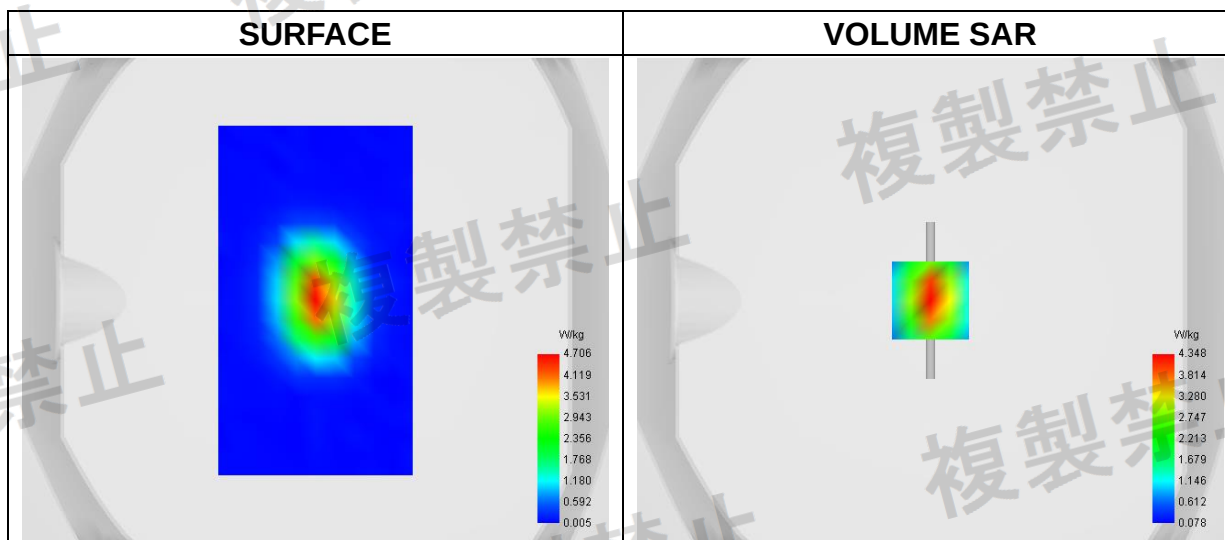
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-10-30

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2000
Channels	Middle
Signal	CW
Frequency (MHz)	2000.000
Relative permittivity	40.55
Conductivity (S/m)	1.43
Probe	2225-EPGO-450
ConvF	1.38
Crest factor:	1:1

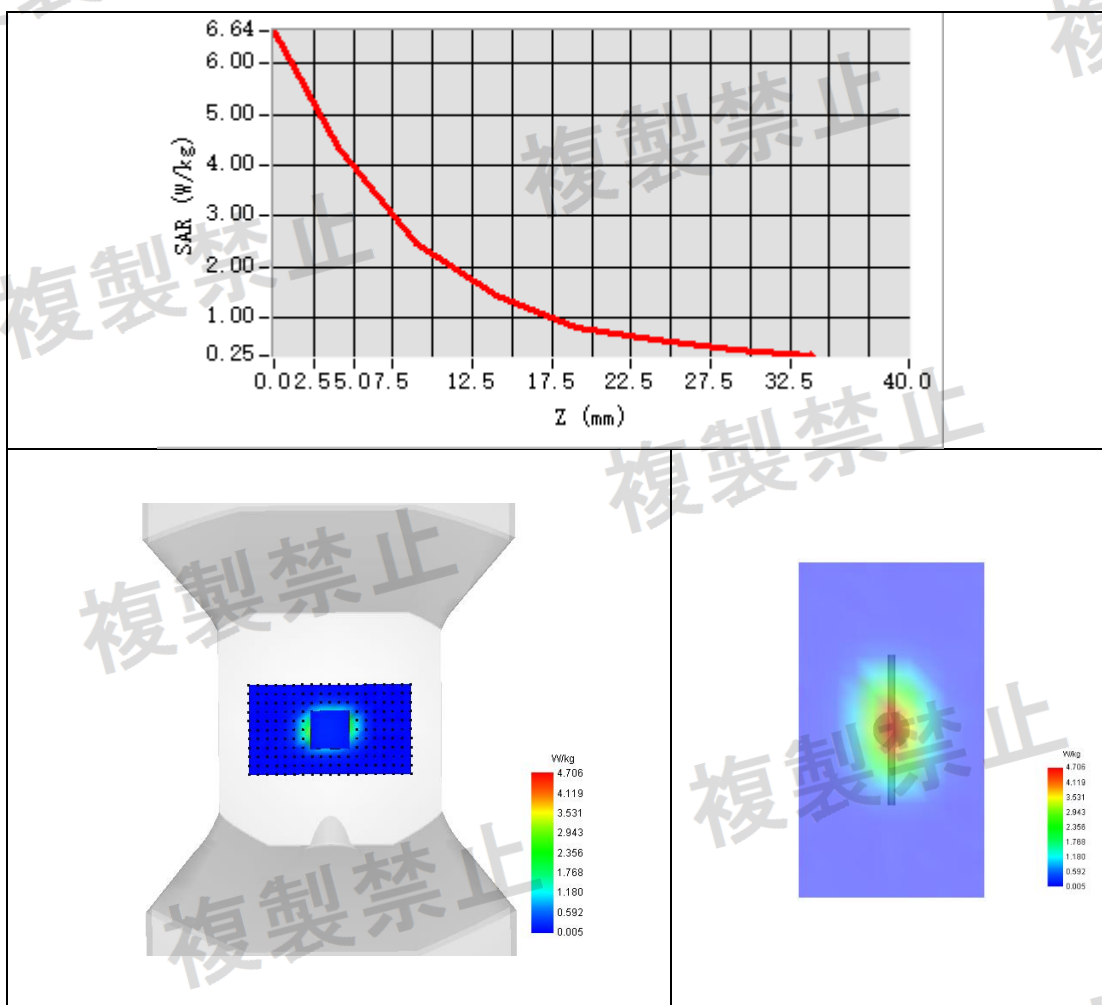


Maximum location: X=0.00, Y=0.00 ; SAR Peak: 6.76 W/kg

SAR 10g (W/Kg)	2.013
SAR 1g (W/Kg)	4.077



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

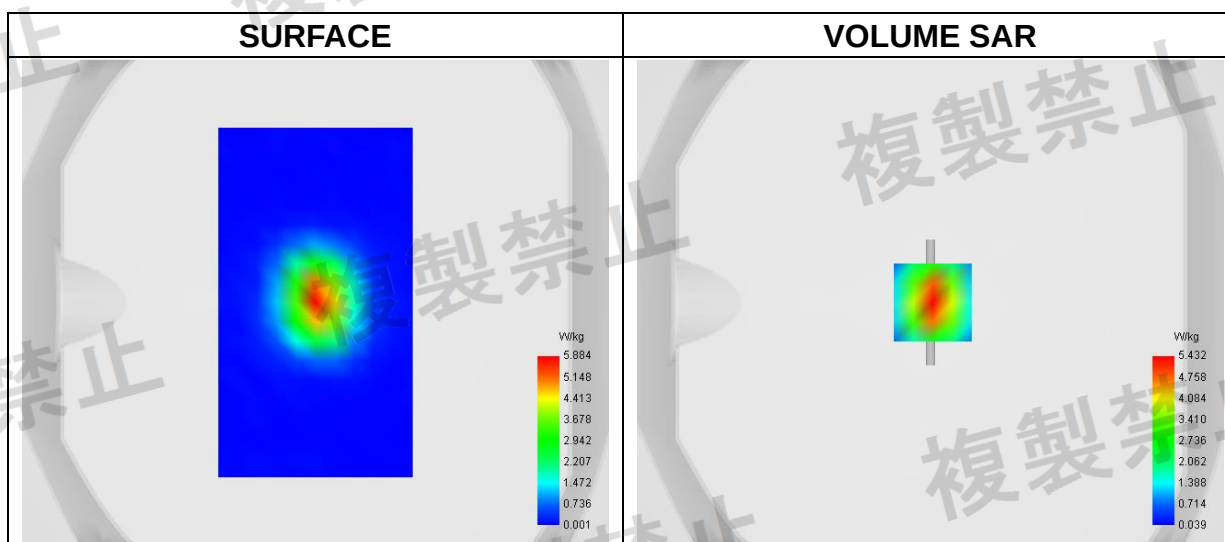
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-10-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	39.58
Conductivity (S/m)	1.78
Probe	2225-EPGO-450
ConvF	1.51
Crest factor:	1:1

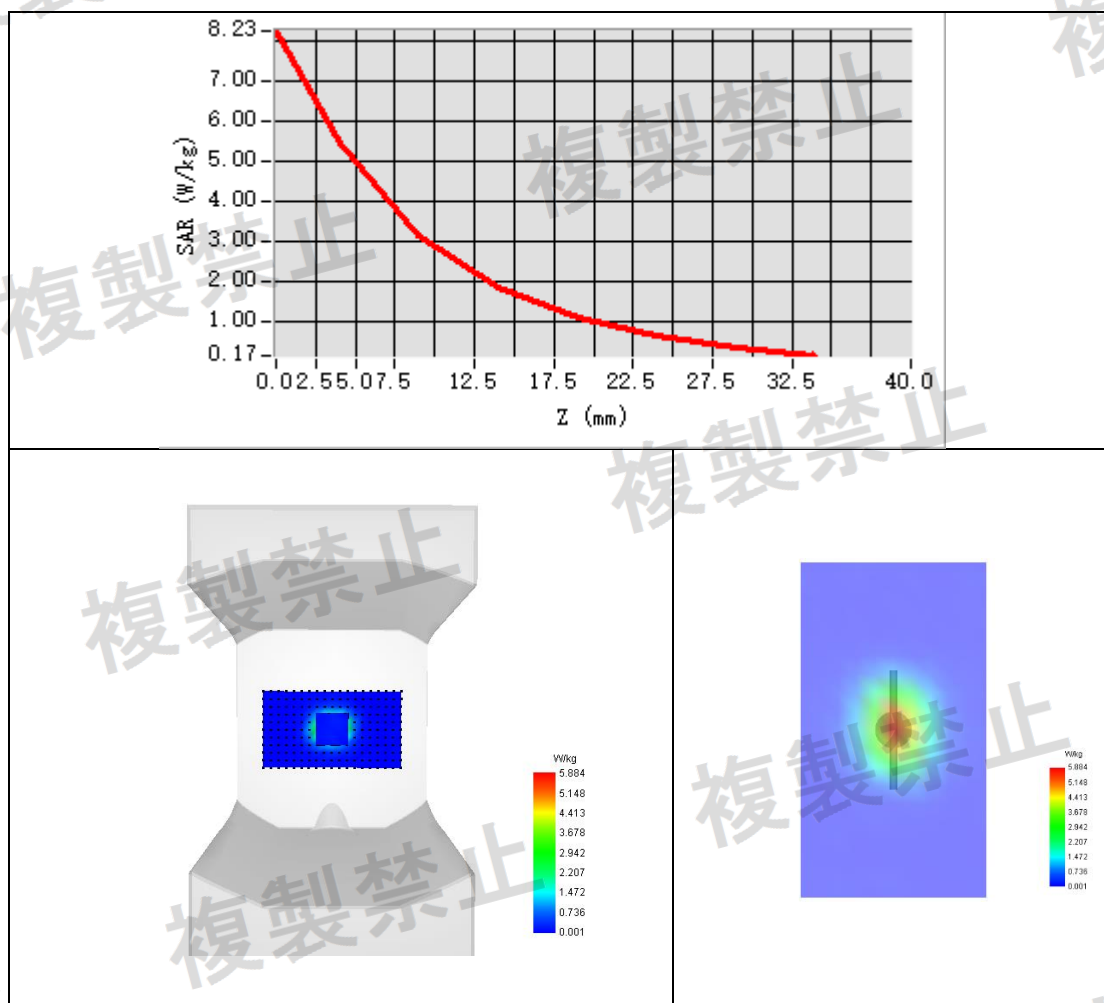


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 8.27 W/kg

SAR 10g (W/Kg)	2.479
SAR 1g (W/Kg)	5.318



Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

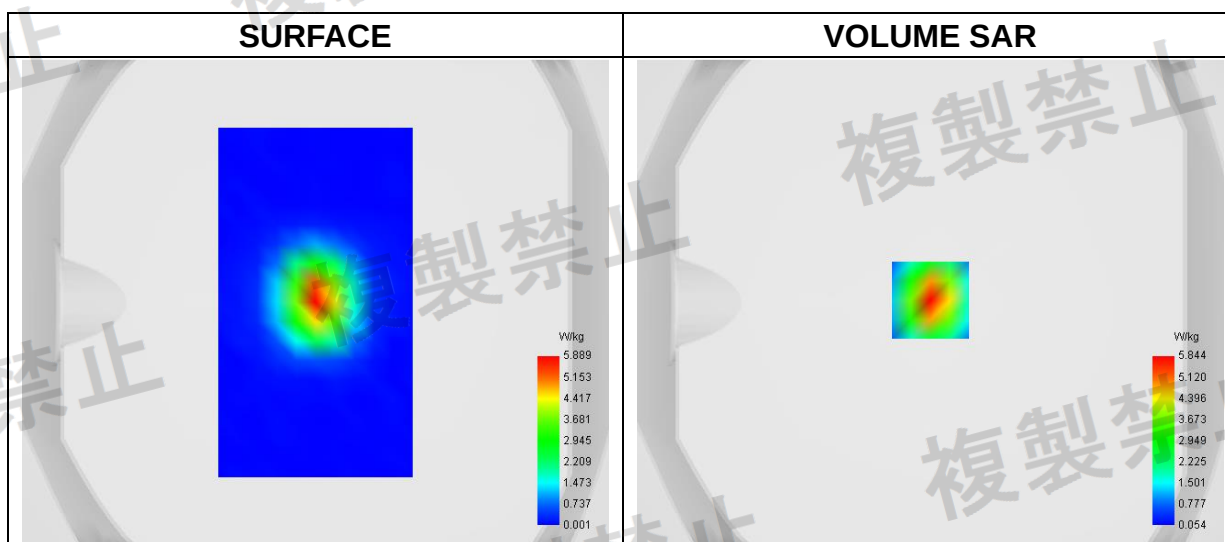
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-10-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.14
Conductivity (S/m)	1.97
Probe	2225-EPGO-450
ConvF	1.44
Crest factor:	1:1

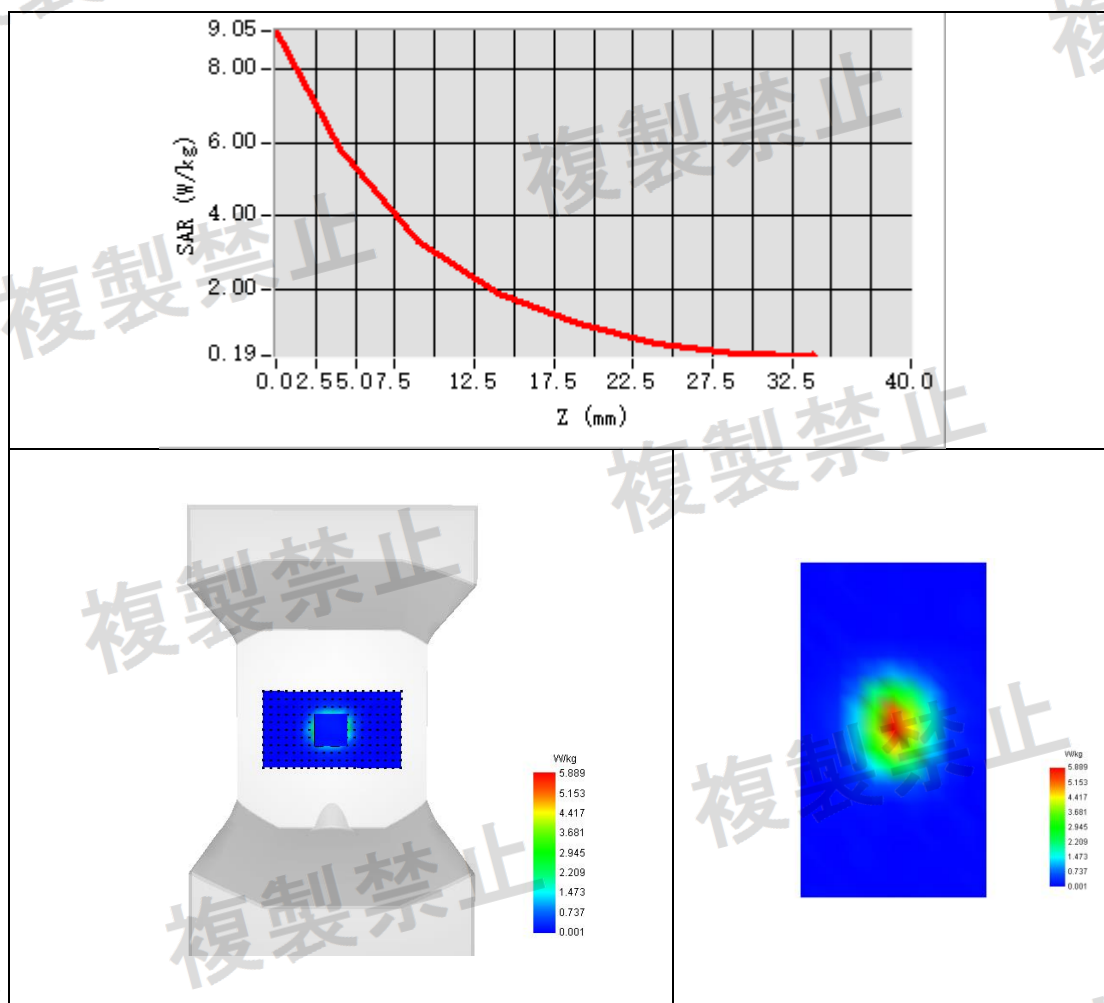


Maximum location: X=0.00, Y=1.00 ; SAR Peak: 9.00 W/kg

SAR 10g (W/Kg)	2.531
SAR 1g (W/Kg)	5.624



Z Axis Scan



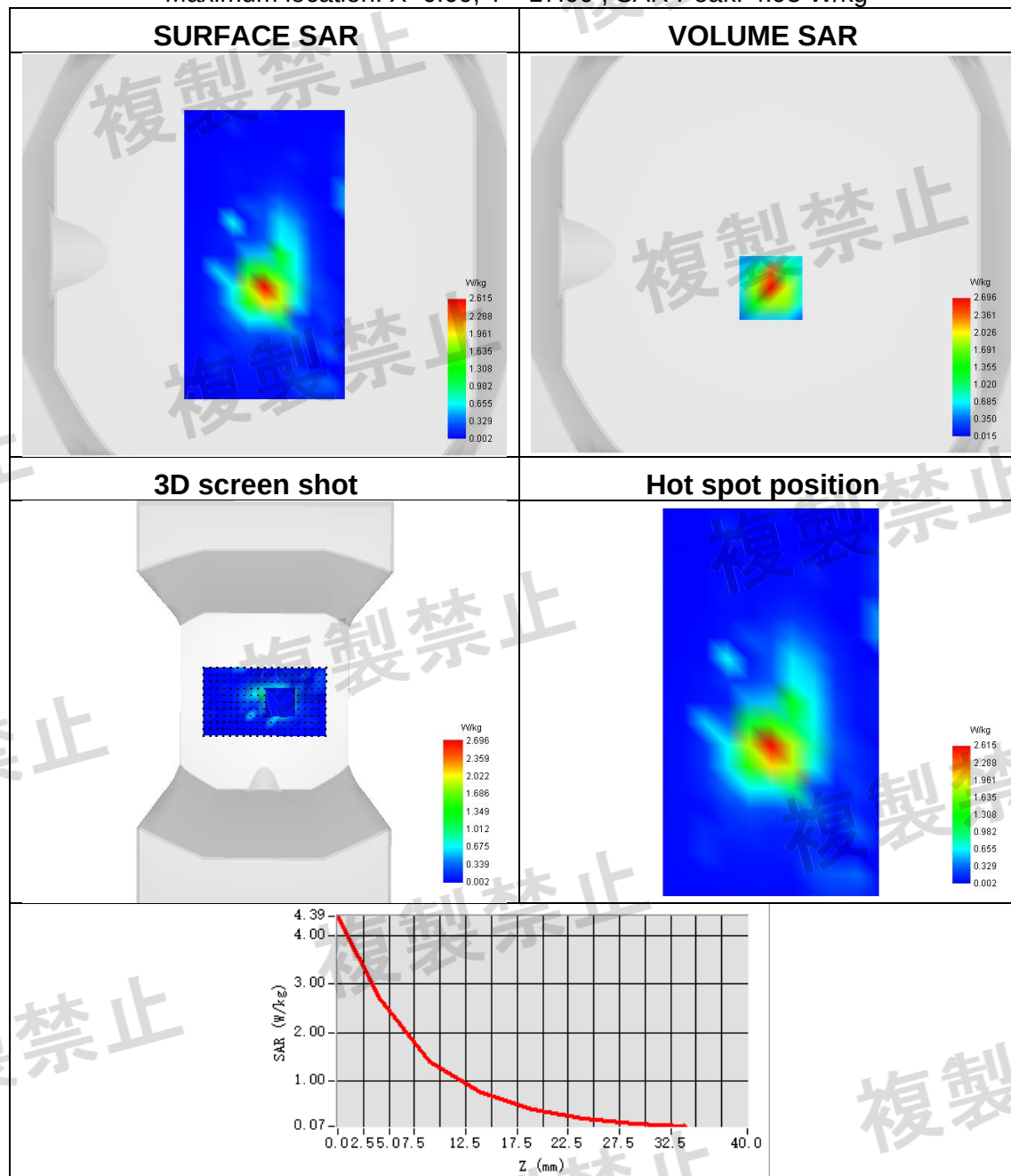


Appendix B. SAR Test Plots

Plot 1:

Test Date	2025-11-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	Band 1 (UMTS)
Signal	WCDMA
Frequency	1950
SAR 10g (W/Kg)	1.064
SAR 1g (W/Kg)	2.429

Maximum location: X=0.00, Y=-17.00 ; SAR Peak: 4.93 W/kg

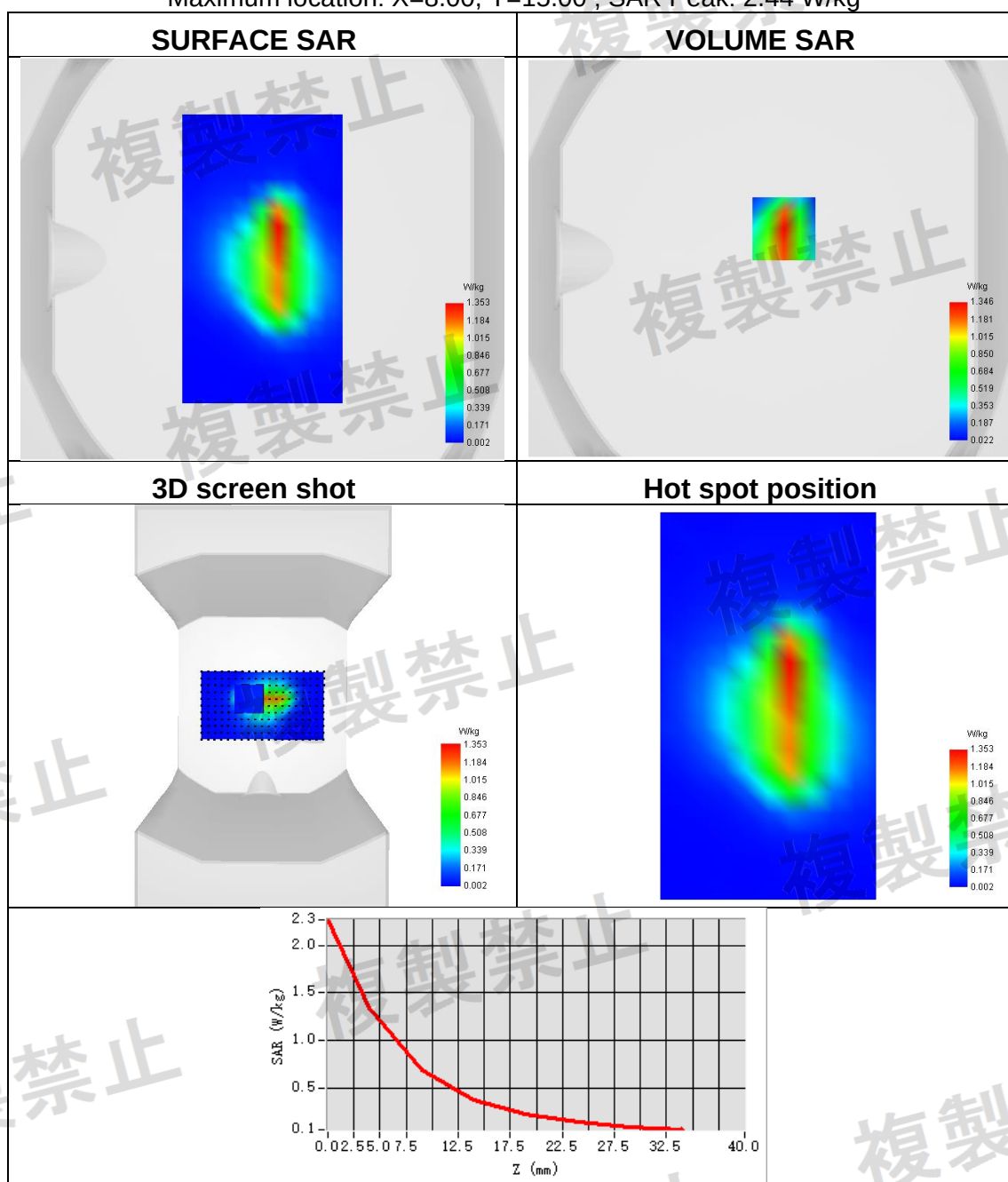




Plot 2:

Test Date	2025-11-04
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	Band 8 (900)
Signal	WCDMA
Frequency	912.6
SAR 10g (W/Kg)	0.562
SAR 1g (W/Kg)	1.220

Maximum location: X=8.00, Y=15.00 ; SAR Peak: 2.44 W/kg

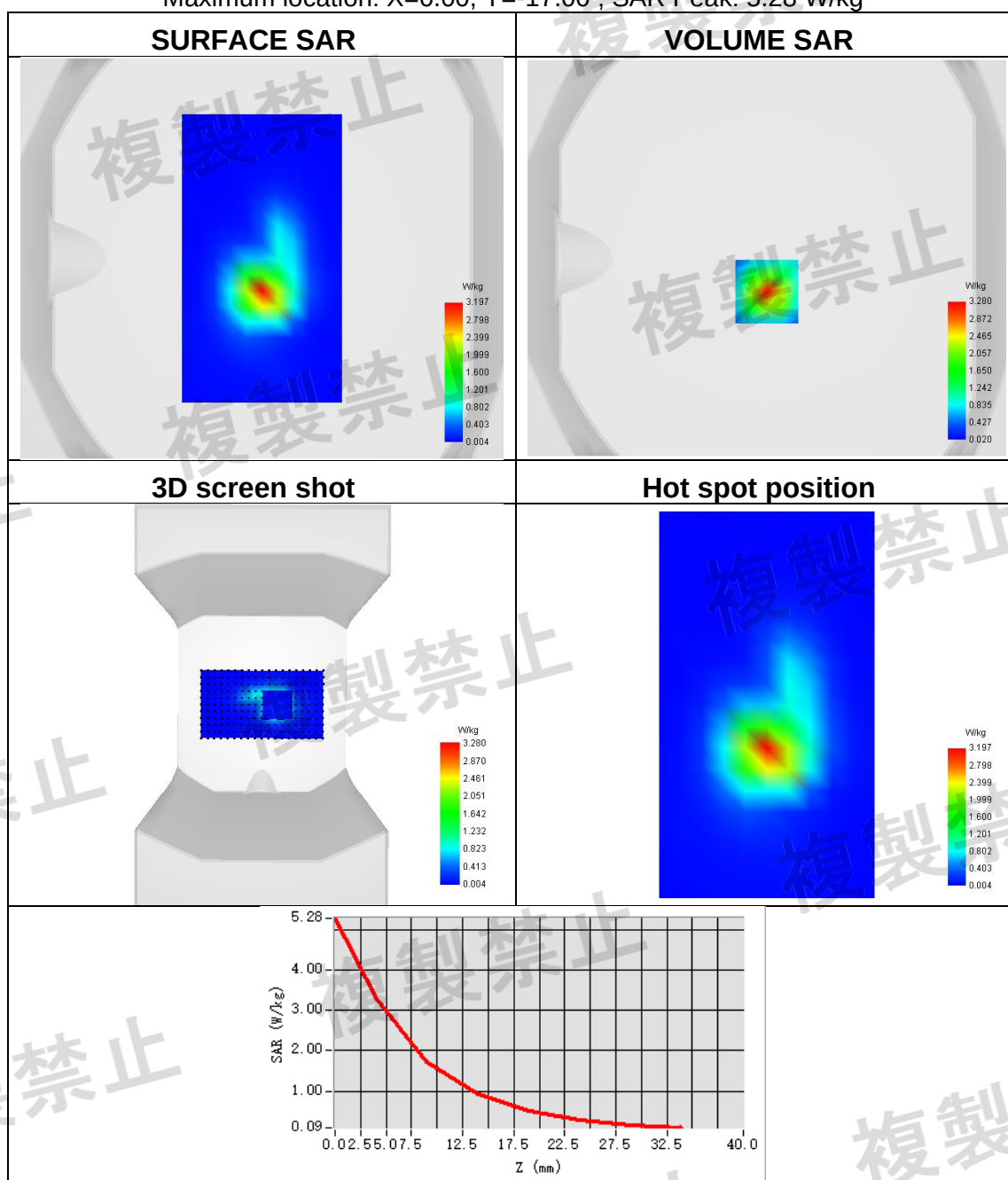




Plot 3:

Test Date	2025-11-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 1
Signal	LTE FDD
Frequency	1950
SAR 10g (W/Kg)	1.318
SAR 1g (W/Kg)	2.913

Maximum location: X=0.00, Y=-17.00 ; SAR Peak: 5.28 W/kg

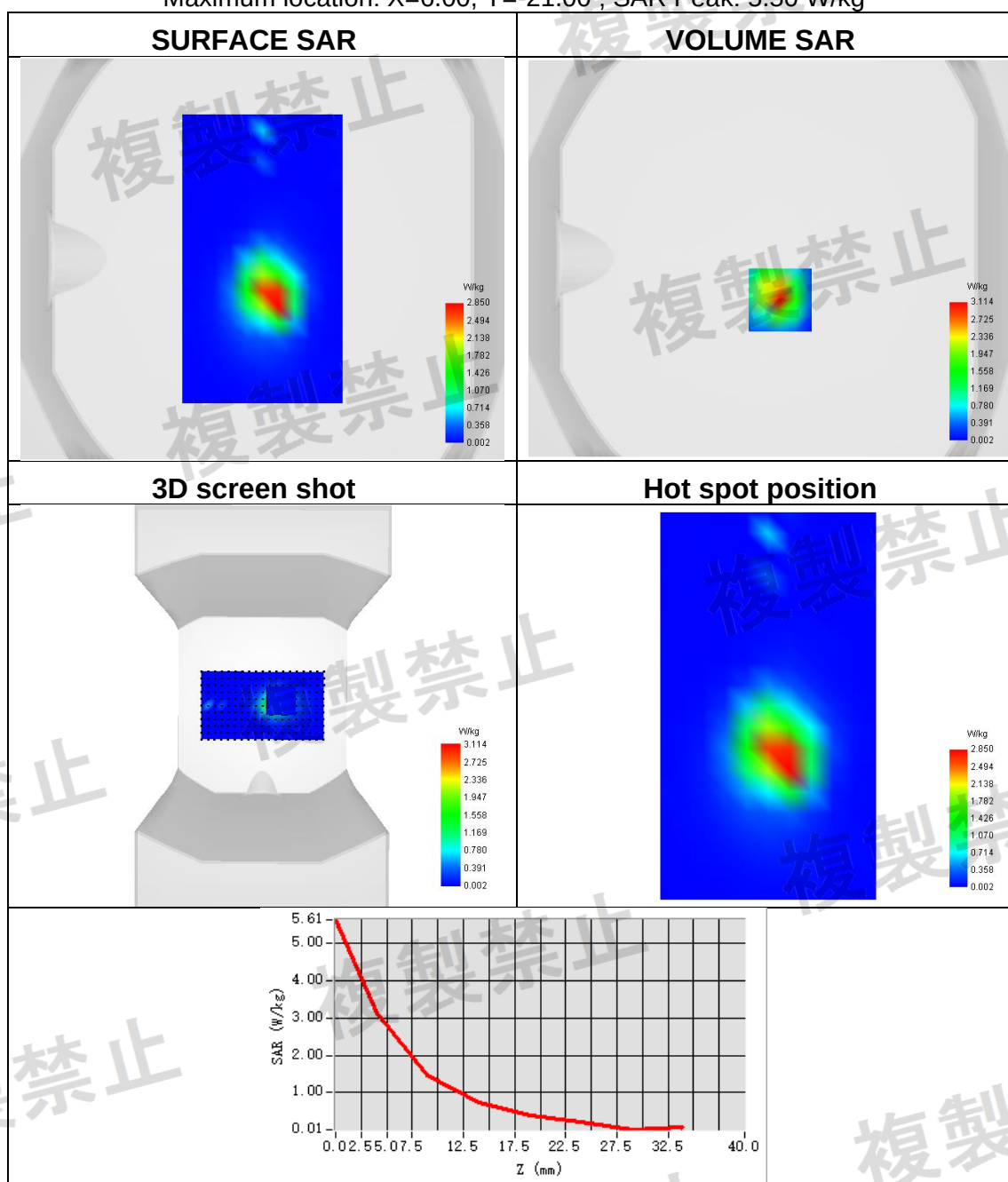




Plot 4:

Test Date	2025-11-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 3
Signal	LTE FDD
Frequency	1747.5
SAR 10g (W/Kg)	1.220
SAR 1g (W/Kg)	2.821

Maximum location: X=6.00, Y=-21.00 ; SAR Peak: 5.50 W/kg

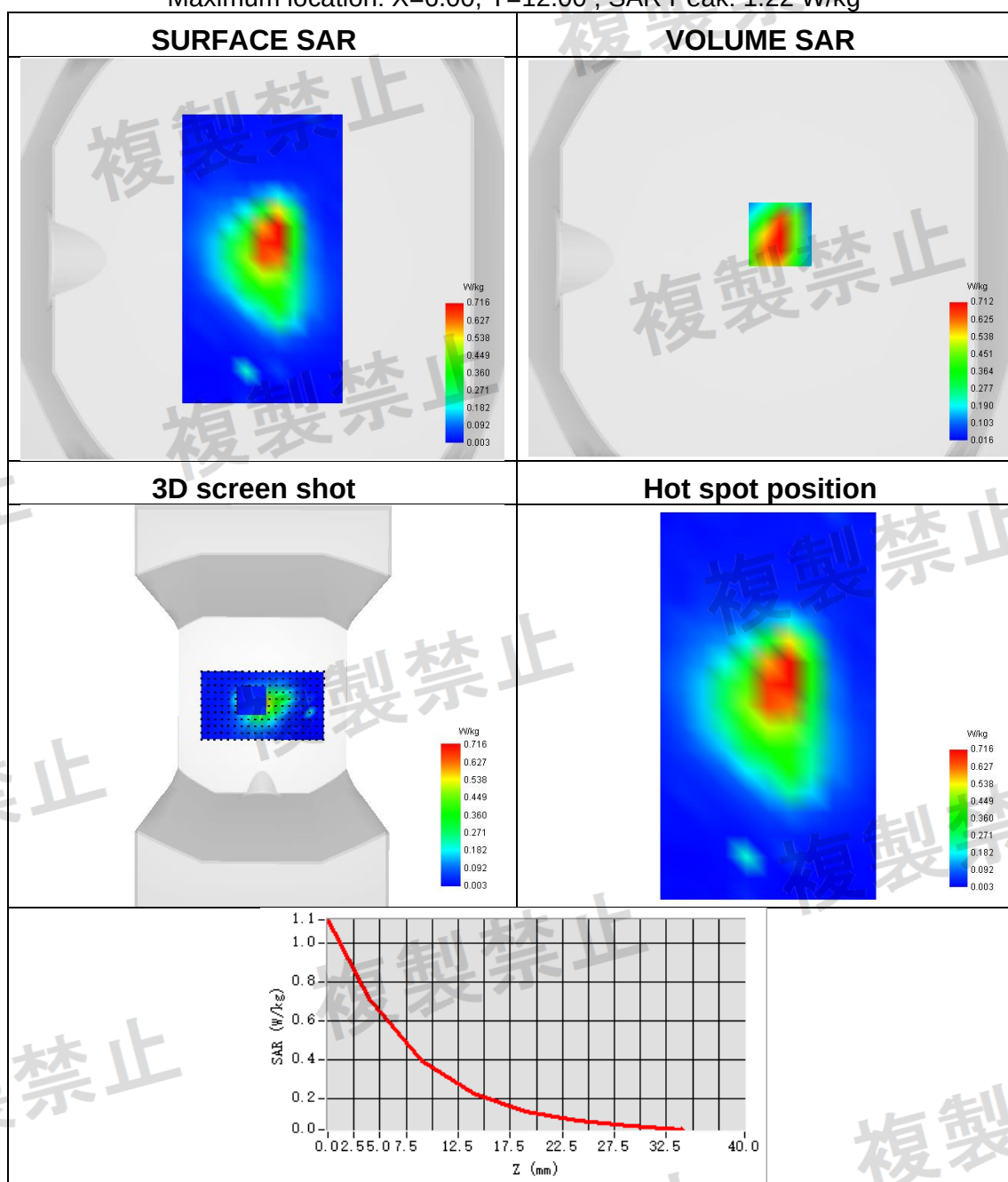




Plot 5:

Test Date	2025-11-04
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 5
Signal	LTE FDD
Frequency	840
SAR 10g (W/Kg)	0.336
SAR 1g (W/Kg)	0.668

Maximum location: X=6.00, Y=12.00 ; SAR Peak: 1.22 W/kg

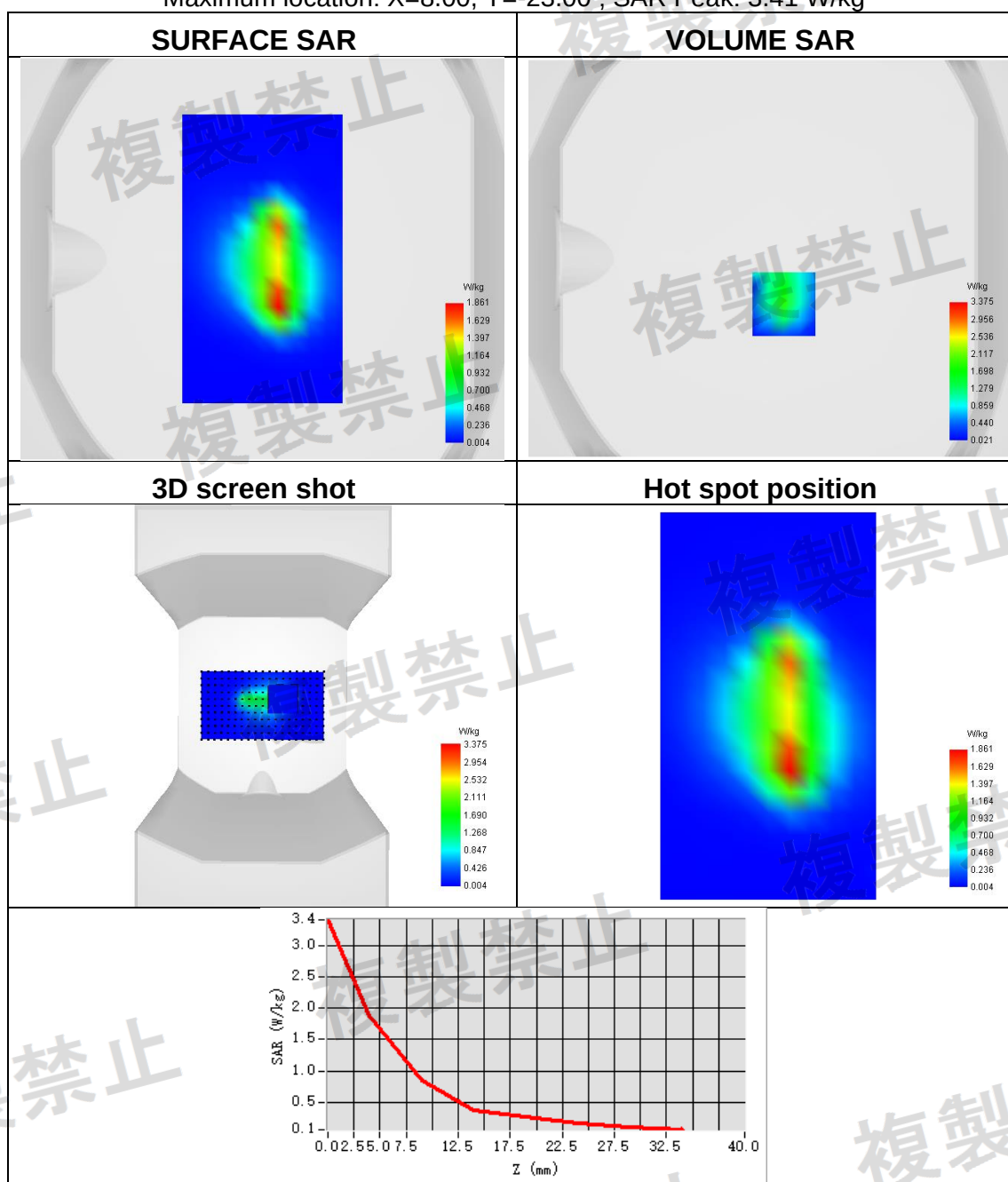




Plot 6:

Test Date	2025-11-04
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 8
Signal	LTE FDD
Frequency	910
SAR 10g (W/Kg)	0.821
SAR 1g (W/Kg)	1.798

Maximum location: X=8.00, Y=-23.00 ; SAR Peak: 3.41 W/kg

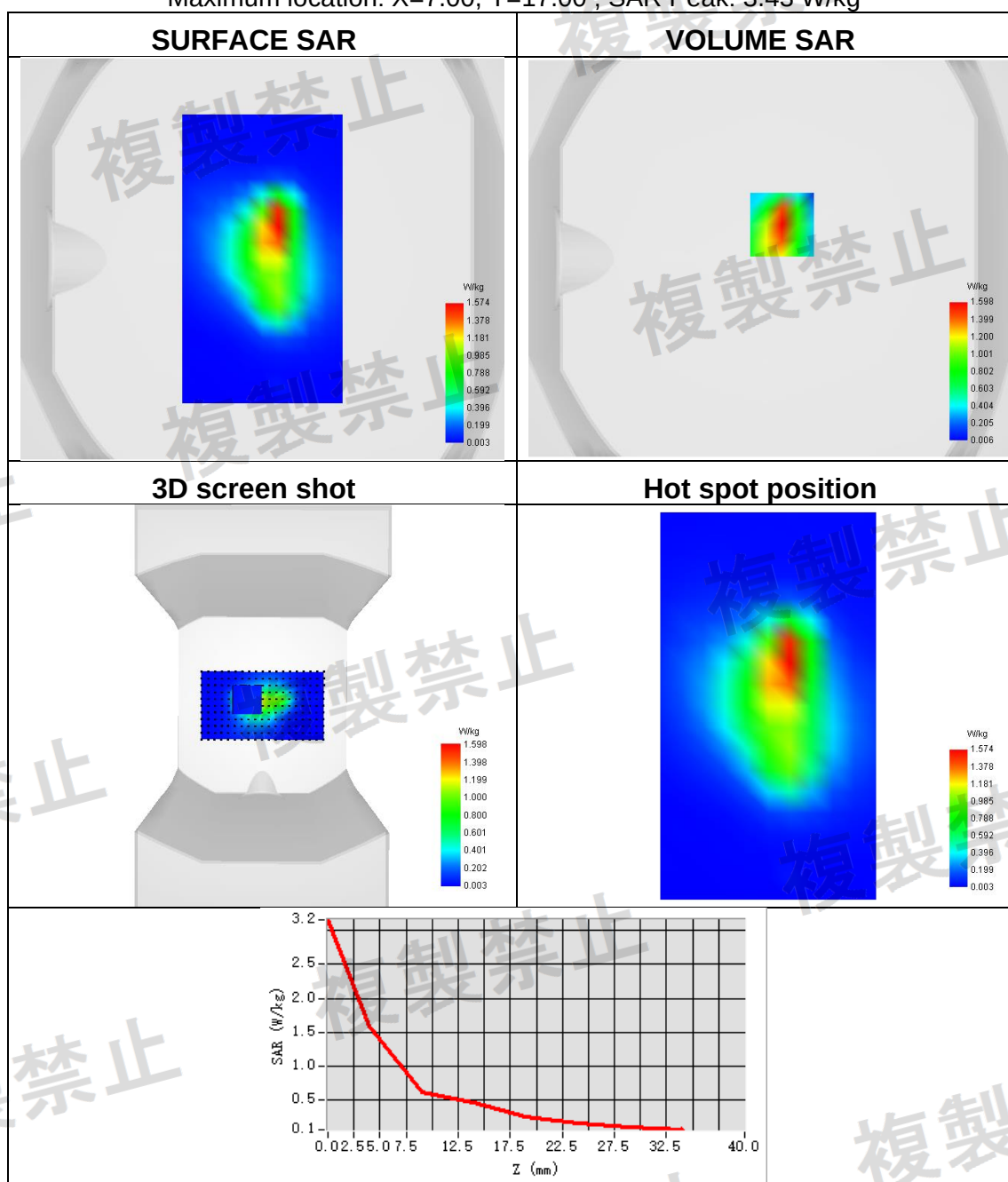




Plot 7:

Test Date	2025-11-04
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 18
Signal	LTE FDD
Frequency	820
SAR 10g (W/Kg)	0.688
SAR 1g (W/Kg)	1.567

Maximum location: X=7.00, Y=17.00 ; SAR Peak: 3.43 W/kg

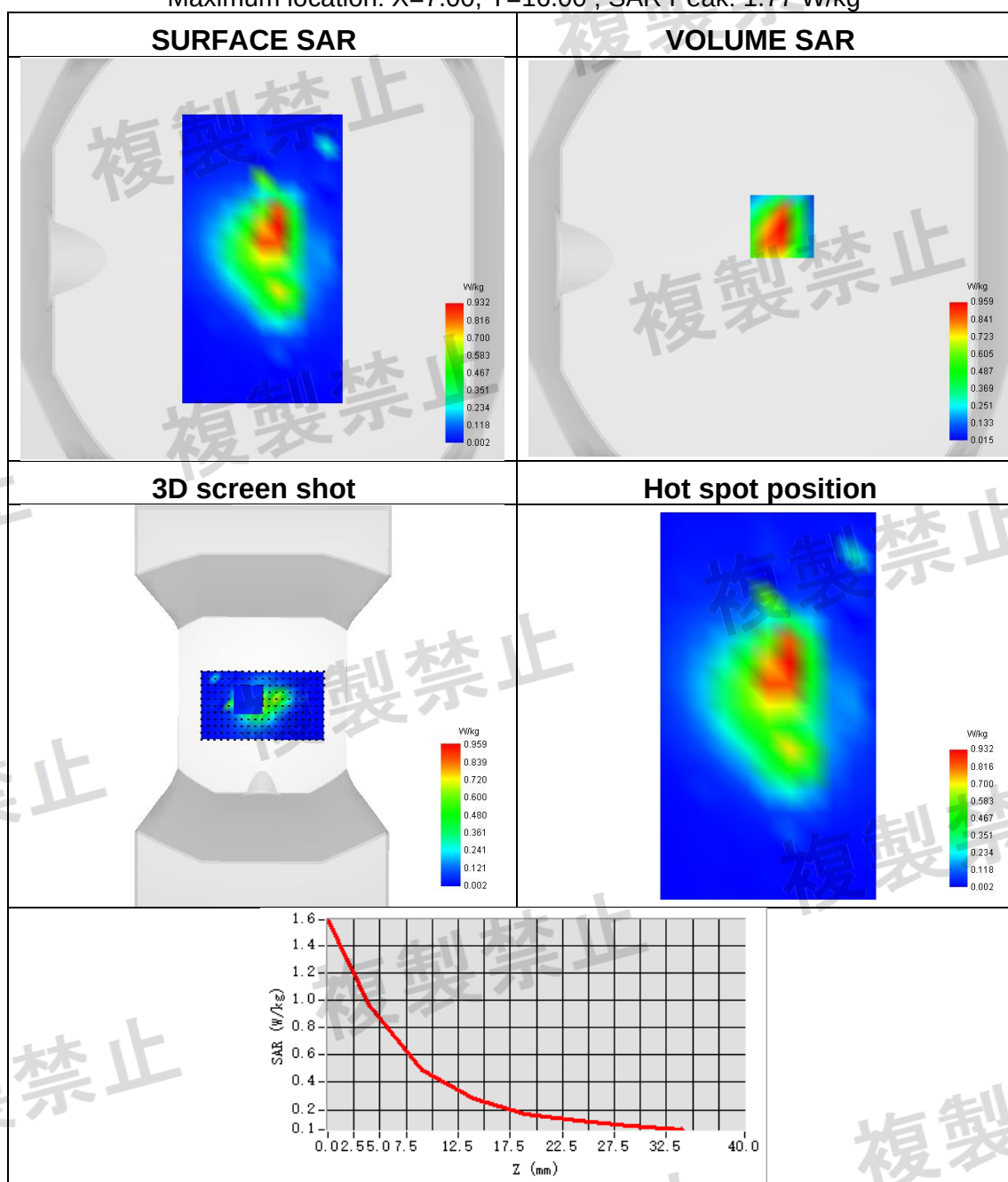




Plot 8:

Test Date	2025-11-04
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 19
Signal	LTE FDD
Frequency	840
SAR 10g (W/Kg)	0.437
SAR 1g (W/Kg)	0.907

Maximum location: X=7.00, Y=16.00 ; SAR Peak: 1.77 W/kg

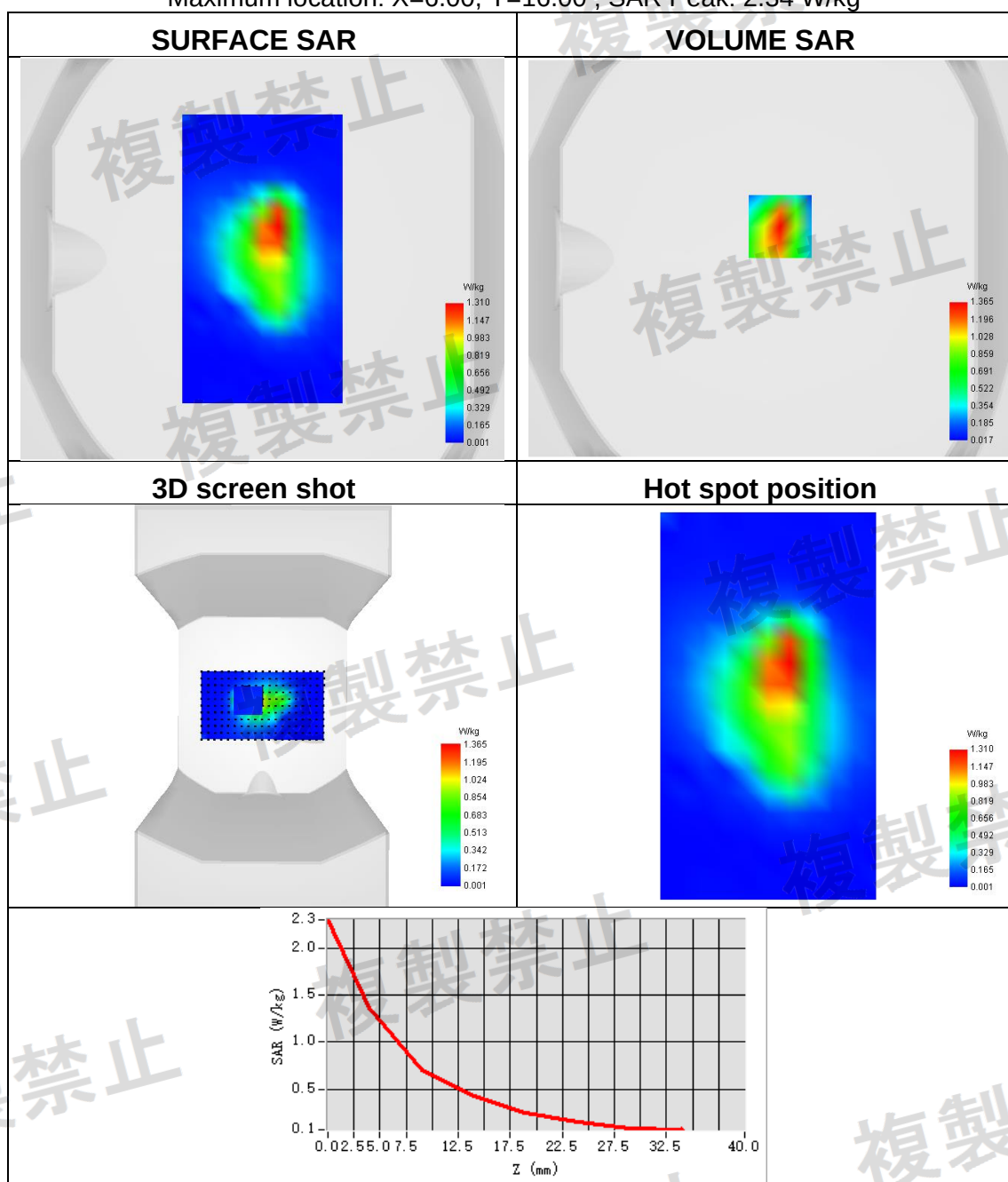




Plot 9:

Test Date	2025-11-04
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 26
Signal	LTE FDD
Frequency	840
SAR 10g (W/Kg)	0.634
SAR 1g (W/Kg)	1.283

Maximum location: X=6.00, Y=16.00 ; SAR Peak: 2.34 W/kg

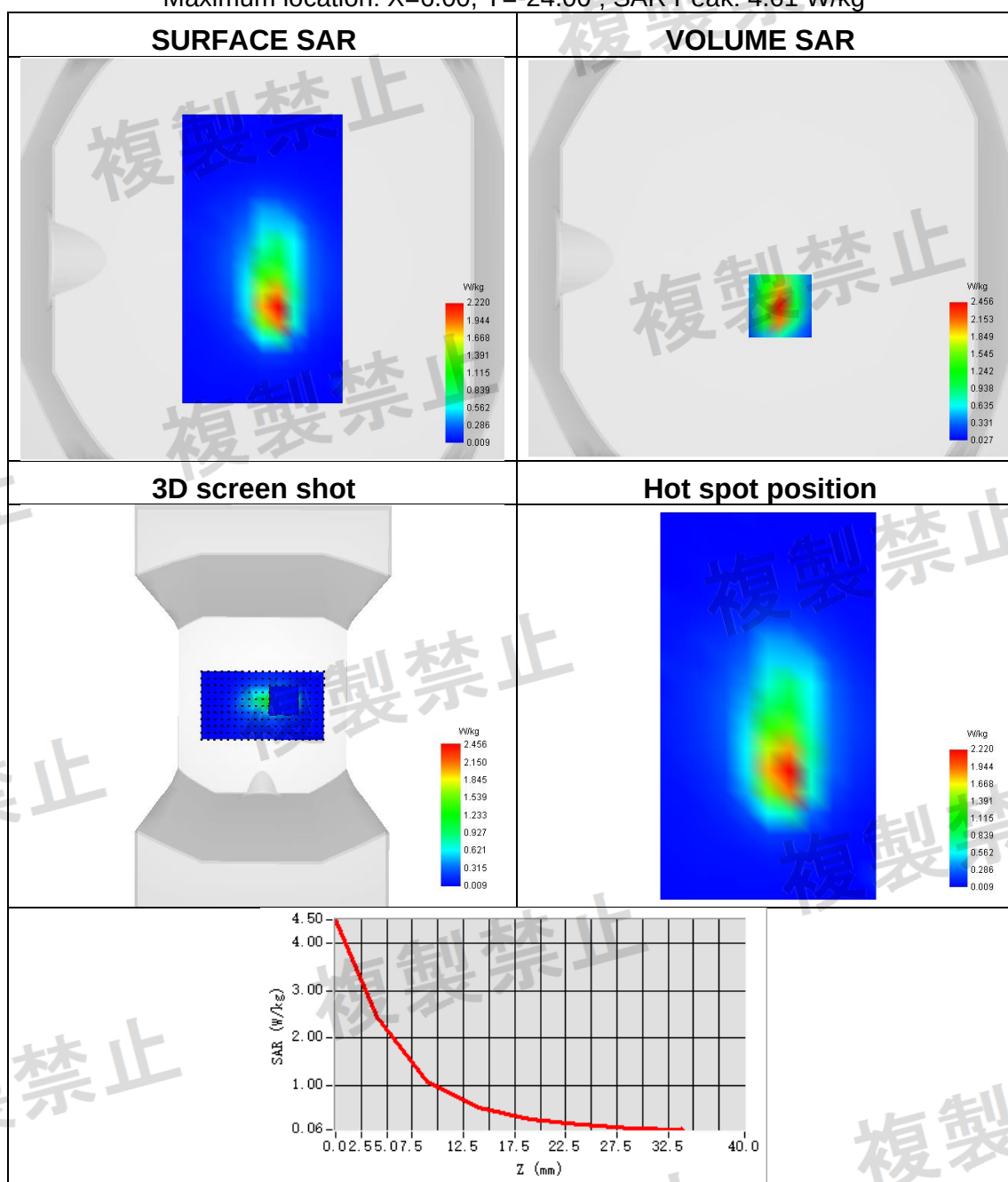




Plot 10:

Test Date	2025-10-30
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 28
Signal	LTE FDD
Frequency	728
SAR 10g (W/Kg)	0.905
SAR 1g (W/Kg)	2.245

Maximum location: X=6.00, Y=-24.00 ; SAR Peak: 4.61 W/kg

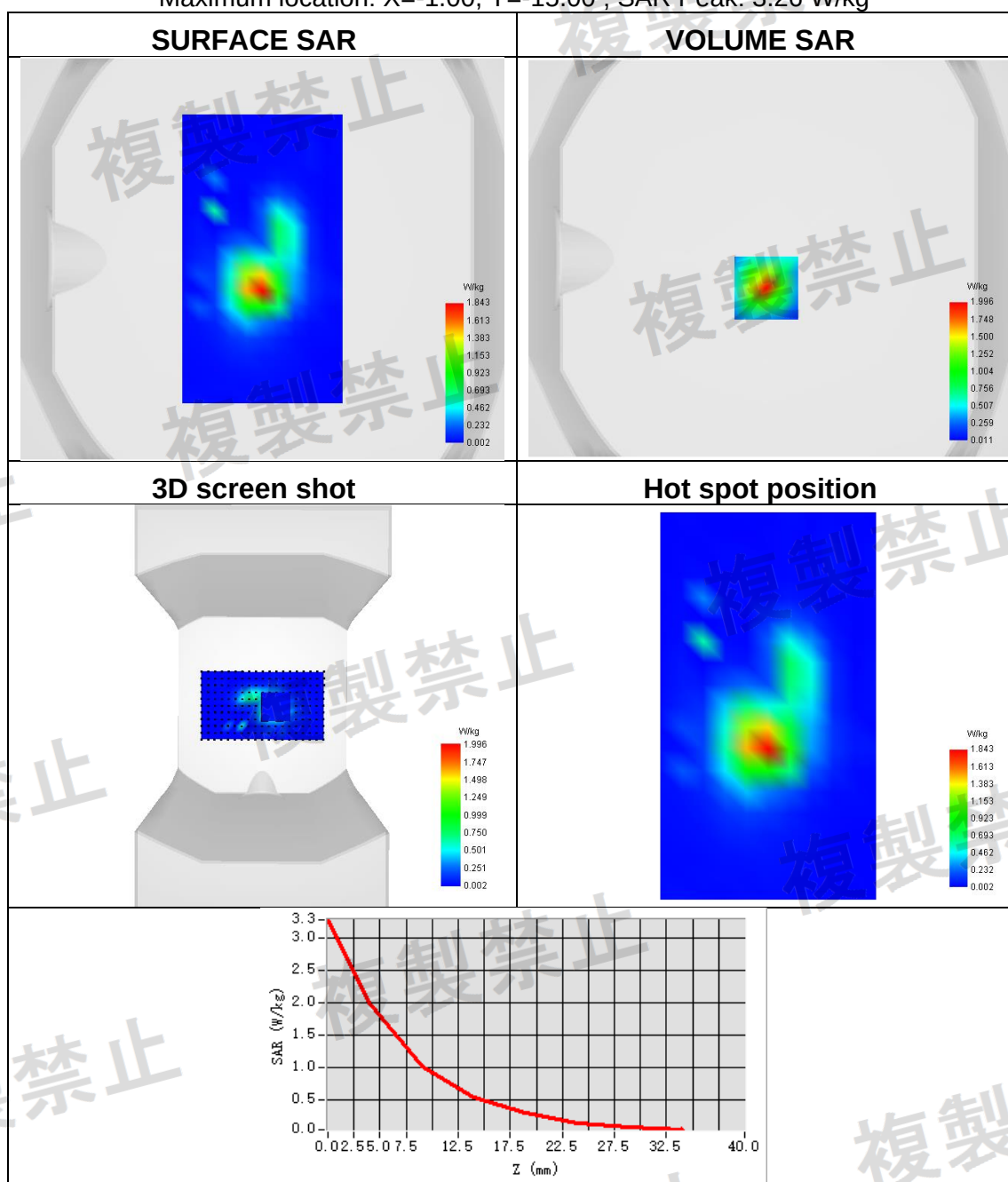




Plot 11:

Test Date	2025-10-30
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 34
Signal	LTE TDD
Frequency	2015
SAR 10g (W/Kg)	0.772
SAR 1g (W/Kg)	1.752

Maximum location: X=-1.00, Y=-15.00 ; SAR Peak: 3.26 W/kg

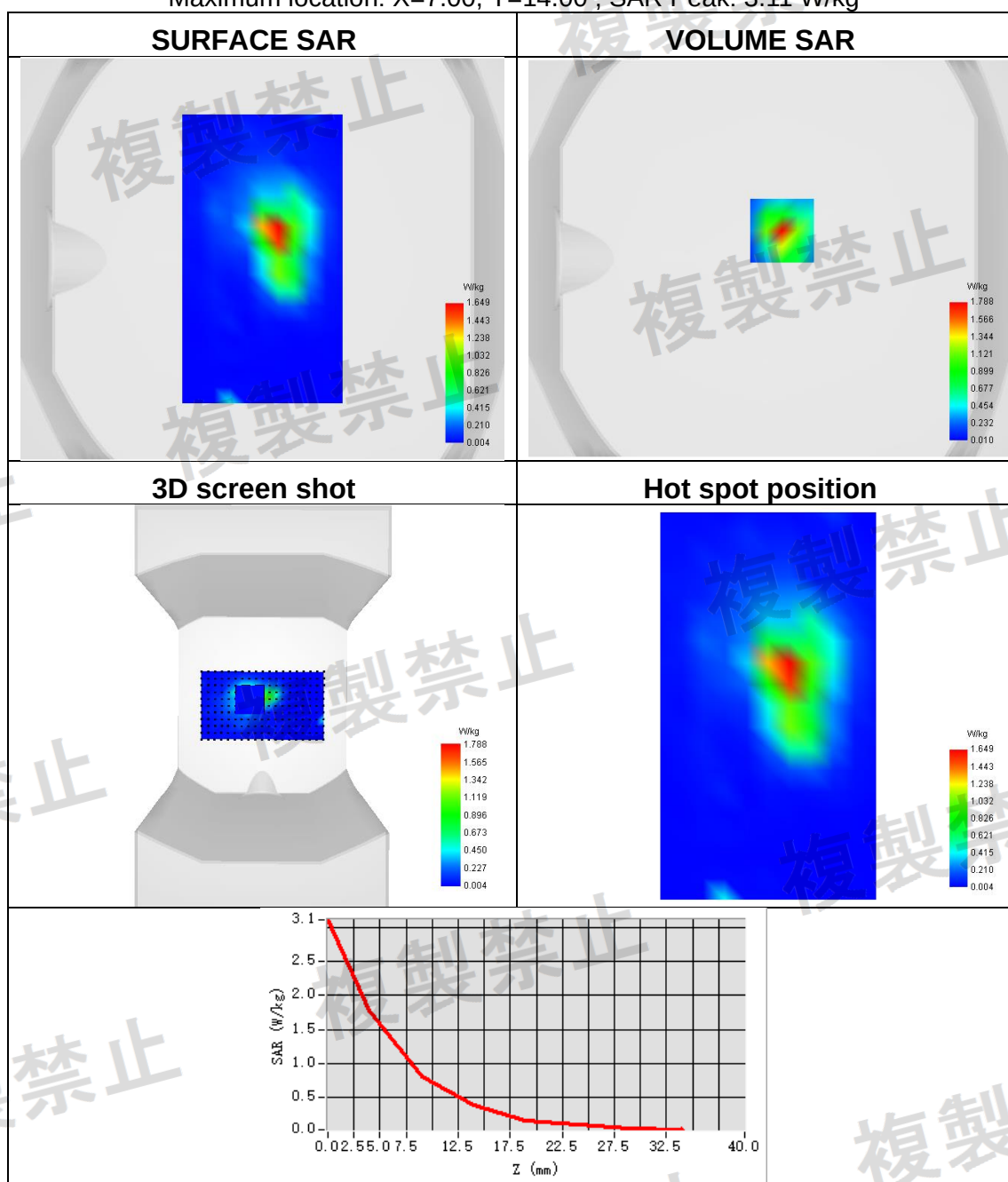




Plot 12:

Test Date	2025-10-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 38
Signal	LTE TDD
Frequency	2610
SAR 10g (W/Kg)	0.613
SAR 1g (W/Kg)	1.544

Maximum location: X=7.00, Y=14.00 ; SAR Peak: 3.11 W/kg

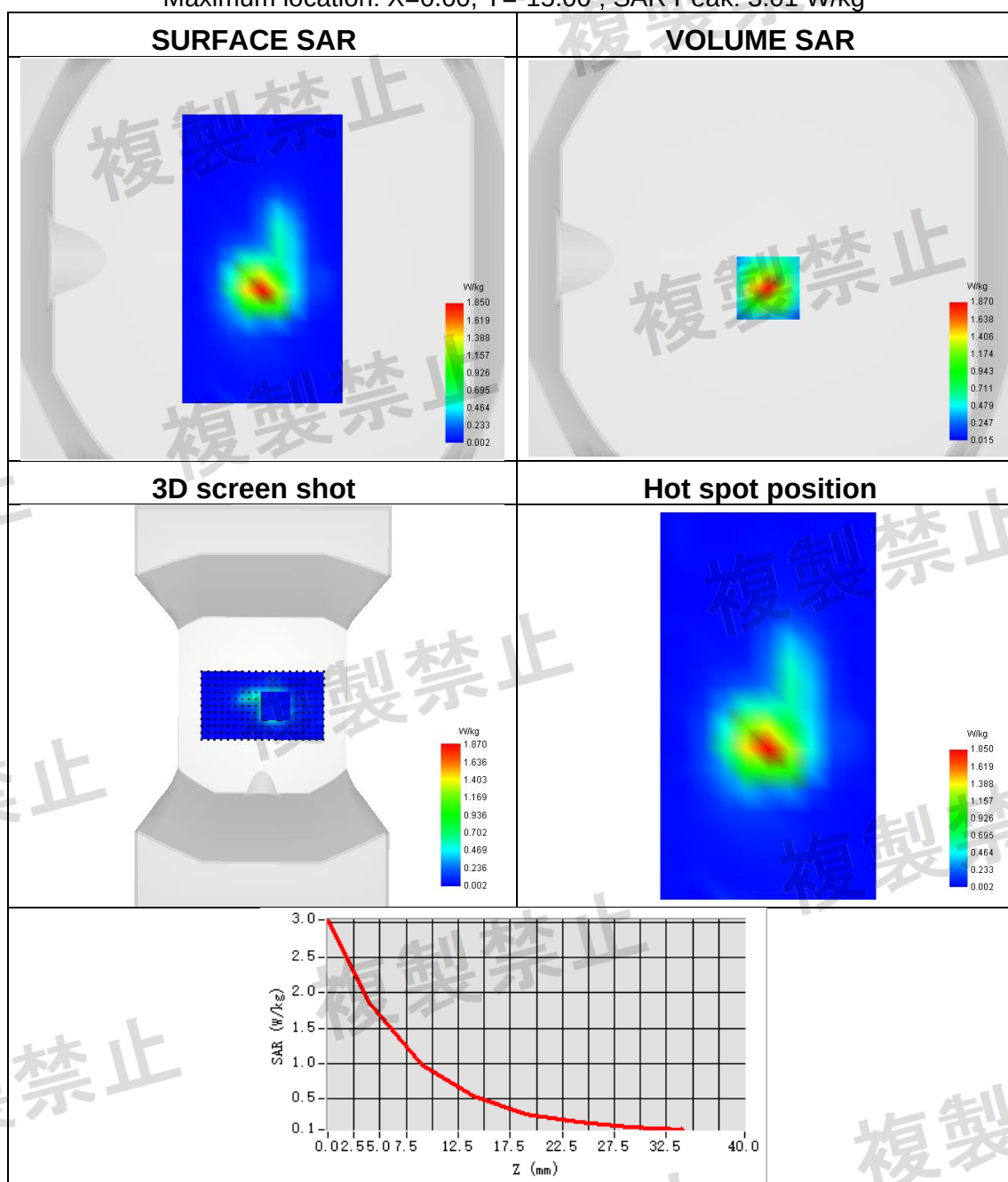




Plot 13:

Test Date	2025-11-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 39
Signal	LTE TDD
Frequency	1891
SAR 10g (W/Kg)	0.763
SAR 1g (W/Kg)	1.668

Maximum location: X=0.00, Y=-15.00 ; SAR Peak: 3.01 W/kg

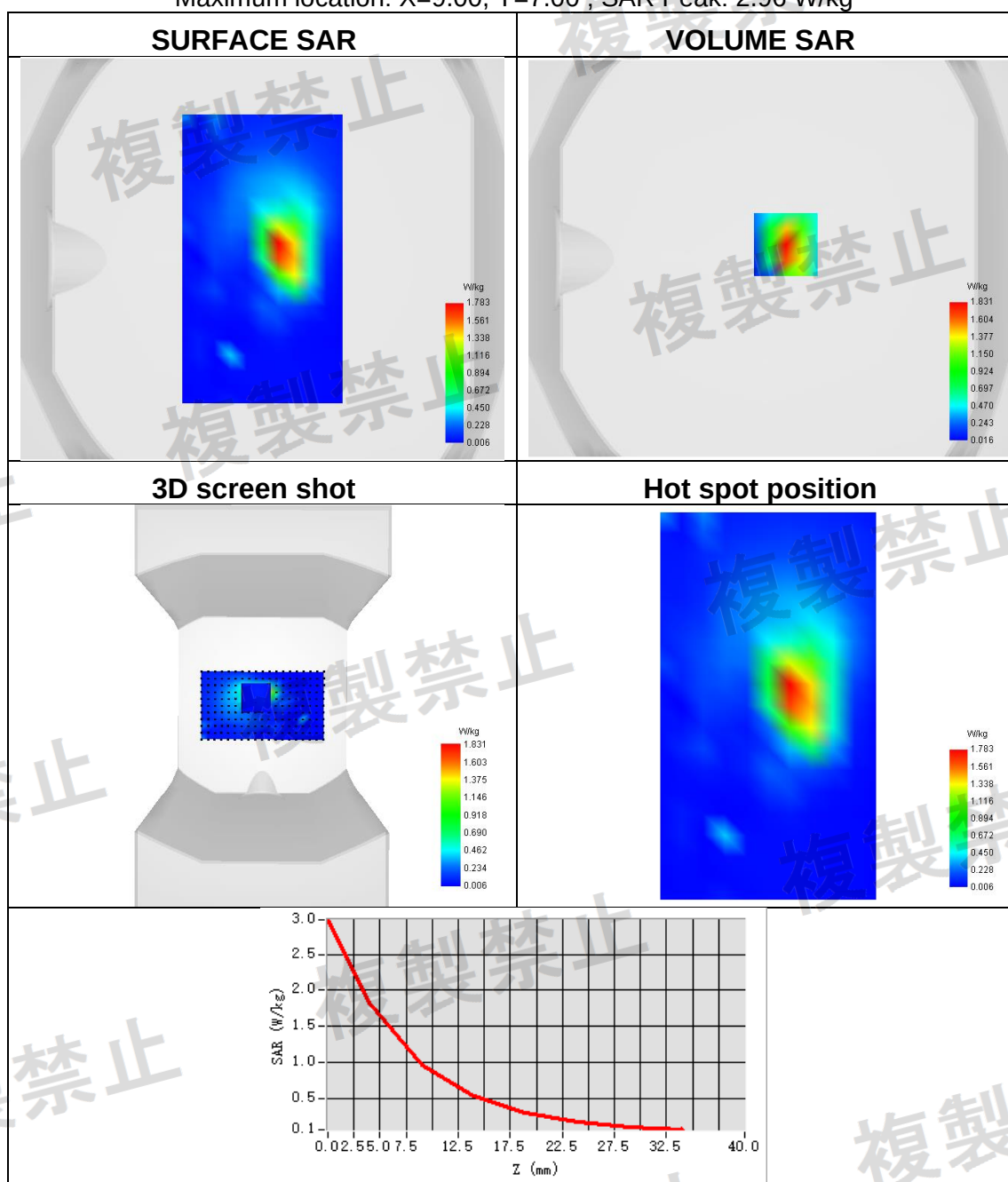




Plot 14:

Test Date	2025-10-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 40
Signal	LTE TDD
Frequency	2350
SAR 10g (W/Kg)	0.794
SAR 1g (W/Kg)	1.678

Maximum location: X=9.00, Y=7.00 ; SAR Peak: 2.96 W/kg

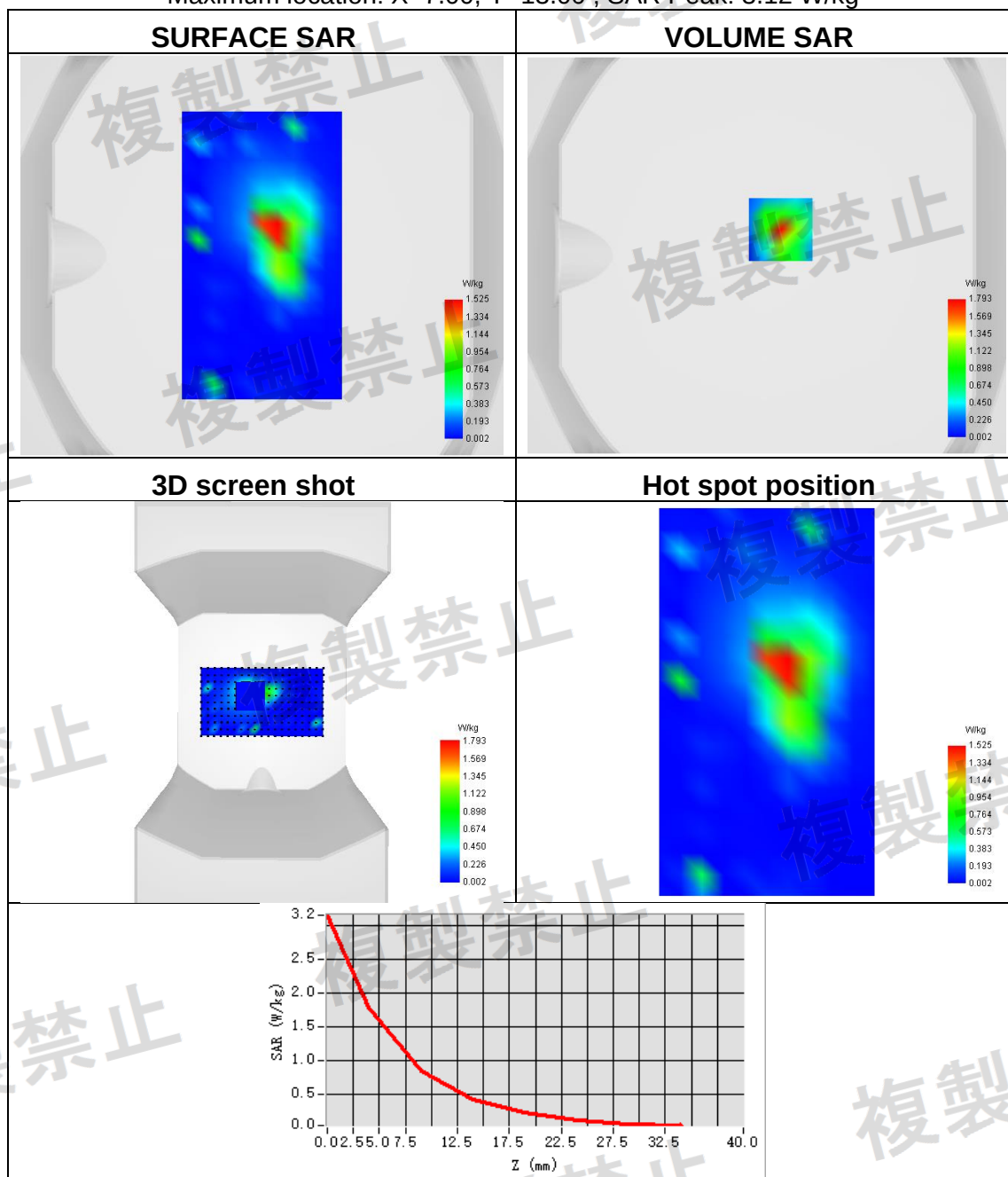




Plot 15:

Test Date	2025-10-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	LTE band 41
Signal	LTE TDD
Frequency	2645
SAR 10g (W/Kg)	0.621
SAR 1g (W/Kg)	1.540

Maximum location: X=7.00, Y=13.00 ; SAR Peak: 3.12 W/kg

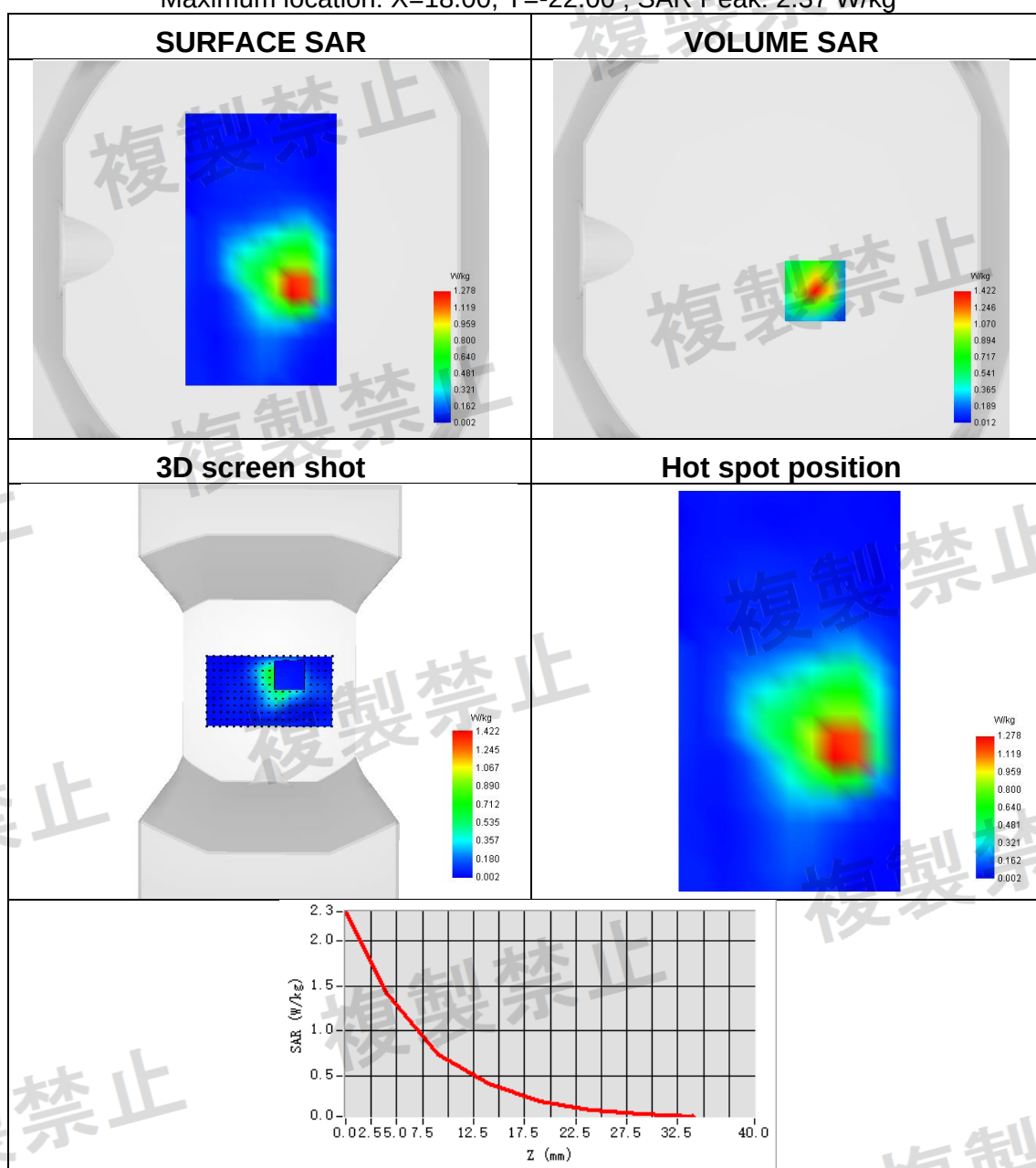




Plot 16:

Test Date	2025-10-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	ISM
Signal	IEEE 802.11n
Frequency	2412
SAR 10g (W/Kg)	0.584
SAR 1g (W/Kg)	1.291

Maximum location: X=18.00, Y=-22.00 ; SAR Peak: 2.37 W/kg





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※