



SAR TEST REPORT

Product Name: 5G Smart phone

Model Number: Titan 2 Elite

Issued For : Shanghai Unihertz E-Commerce Co., Ltd

Room 308, Building C, 508 Chundong Rd, Minhang district
Shanghai, China 201108

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

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District, Shenzhen, Guangdong, China

Report Number: LGT26D023HA01

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Date of Test: April 02, 2026 ~ May 26, 2026

Date of Issue: May 26, 2026

Head: 1.111 W/kg

Max. SAR (10g)

Body: 1.574 W/kg

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Revision History

Rev.	Issue Date	Contents
00	May 26, 2026	Initial Issue



TEST REPORT CERTIFICATION

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Product Name 5G Smart phone
Trademark Unihertz
Model Number Titan 2 Elite
Sample number LGT2604038

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

Prepared by:

Deng Deng

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Approved by:

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Manager





1. General Information

1.1 EUT Description

Product Name	5G Smart phone		
Test Model Number	Titan 2 Elite		
Series Number	N/A		
Model Difference	N/A		
Hardware Version	G72_V1.0		
Software Version	Titan 2E_EEA_20260326		
Frequency Range	FDD LTE Band 1: 1920-1980 MHz (TX), 2110-2170 MHz (RX) FDD LTE Band 3: 1710-1785 MHz (TX), 1805-1880 MHz (RX) FDD LTE Band 5: 824 - 849MHz(TX), 869-890 MHz (RX) FDD LTE Band 8: 880-915 MHz (TX), 925-960 MHz (RX) FDD LTE Band 18:815-830 MHz (TX) 860-875 MHz (RX) FDD LTE Band 19: 830-845 MHz (TX) 875-890 MHz (RX) FDD LTE Band 26: 814-845MHz(TX) 860-890 MHz (RX) FDD LTE Band 28: 703-736 MHz (TX), 758-791 MHz (RX) TDD LTE Band 34: 2010-2025 MHz (TRX) TDD LTE Band 38: 2570-2620 MHz (TRX) TDD LTE Band 41: 2496-2690 MHz (TRX) TDD LTE Band 42: 3400-3600 MHz (TRX) NR N1: 1920-1980 MHz NR N3: 1710-1785 MHz NR N5: 824 - 849MHz NR N8: 880-915 MHz NR N18:815-830 MHz NR N19: 830-845 MHz NR N26: 814-845MHz NR N28: 703-736 MHz NR N41: 2500-2690 MHz NR N77: 3400- 4200 MHz NR N78: 3400-3800 MHz NSA B5+N41 NSA B3+N78 WLAN 802.11b/g/n20/ax20: 2412 to 2472MHz WLAN 802.11n40/ax40: 2422 to 2462MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80: 5150 to 5250 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80: 5250 to 5350 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80: 5470 to 5725 MHz Bluetooth: 2402 MHz to 2480 MHz		
Max. Reported SAR (10g)	Mode	Head (W/ kg)	Body Worn and Hotspot(W/Kg)
	LTE Band 1	0.417	1.109
	LTE Band 3	0.198	1.174
	LTE Band 5	0.513	0.339
	LTE Band 8	0.420	0.391
	LTE Band 18	0.123	0.330
	LTE Band 19	0.526	0.330



複製禁止	LTE Band 26	0.288	0.308
	LTE Band 28	0.571	0.343
	LTE Band 34	0.629	0.972
	LTE Band 38	0.411	1.066
	LTE Band 41	0.345	0.663
	LTE Band 42	0.305	1.185
	2.4GHz WLAN ANT 1	0.072	0.351
	2.4GHz WLAN ANT 2	0.139	0.339
	2.4GHz WLAN MIMO	0.165	0.064
	5.2GHz WLAN ANT 1	0.069	0.044
	5.2GHz WLAN ANT 2	0.181	0.082
	5.2GHz WLAN MIMO	0.133	0.091
	5.3GHz WLAN ANT 1	0.147	0.059
	5.3GHz WLAN ANT 2	0.335	0.068
	5.3GHz WLAN MIMO	0.107	0.132
	5.6GHz WLAN ANT 1	0.067	0.045
	5.6GHz WLAN ANT 2	0.074	0.062
	5.6GHz WLAN MIMO	0.137	0.119
	NR SA N1	1.111	0.218
	NR SA N3	0.153	1.477
	NR SA N5	0.210	1.454
	NR SA N8	0.390	0.317
	NR SA N18	0.192	0.257
	NR SA N19	0.193	0.271
	NR SA N26	0.505	0.307
	NR SA N28	0.113	0.839
	NR SA N41	0.590	0.500
	NR SA N77	0.673	0.419
	NR SA N78	1.111	0.218
	DC_A5_N41	0.626	1.178
	DC_A3_N78	0.871	1.574
	Bluetooth	0.092	0.064
	Limit	2.0 W/kg	
Battery	Capacity: 4050mAh Rated Voltage: 3.84V		
Description test modes	SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested		
Modulation Mode	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	
	5G WLAN	802.11a/n(OFDM): BPSK, QPSK,16-QAM,64-QAM 802.11ac (OFDM): BPSK, QPSK,16-QAM,64-QAM 256-QAM	



	Bluetooth	BT(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK
	BLE	GFSK
Antenna Specification	LTE: PIFA Antenna Bluetooth: 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:

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

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

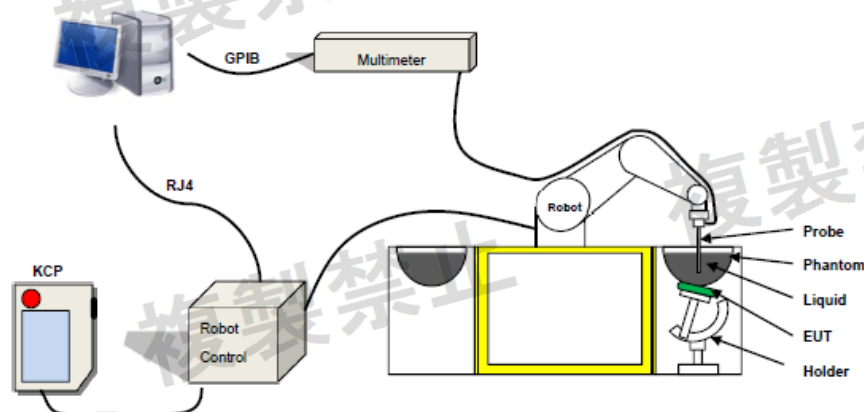
$$SAR = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue;

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

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 0326-EPGO-431 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.

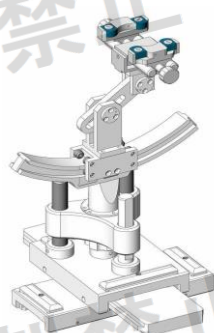


Figure-SN 06/22 SAM 148



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]					
2026-03-19	23.5	57	750	23.2	Permittivity	41.90	41.68	-0.53	±10
					Conductivity	0.89	0.88	-1.12	±10
2026-03-03	21.8	52	835	21.5	Permittivity	41.50	41.20	-0.72	±10
					Conductivity	0.90	0.87	-3.33	±10
2026-03-19	23.6	57	835	23.2	Permittivity	41.50	41.28	-0.53	±10
					Conductivity	0.90	0.94	4.44	±10
2026-03-28	20.1	60	835	19.8	Permittivity	41.50	41.08	-1.01	±10
					Conductivity	0.90	0.92	2.22	±10
2026-03-27	21.7	56	835	21.4	Permittivity	41.50	41.72	0.53	±10
					Conductivity	0.90	0.94	4.44	±10
2026-03-23	23.9	56	1800	23.6	Permittivity	40.00	40.22	0.55	±10
					Conductivity	1.40	1.41	0.71	±10
2026-03-05	22.7	41	1900	22.4	Permittivity	40.00	40.90	2.25	±10
					Conductivity	1.40	1.37	-2.14	±10
2026-03-22	23.1	58	2000	22.8	Permittivity	40.00	41.23	3.07	±10
					Conductivity	1.40	1.46	4.29	±10
2026-03-06	23.8	52	2450	23.5	Permittivity	39.20	39.98	1.99	±10
					Conductivity	1.80	1.77	-1.67	±10
2026-03-18	24	42	2600	23.7	Permittivity	39.00	39.61	1.56	±10
					Conductivity	1.96	2.03	3.57	±10
2026-03-24	22	47	2600	21.7	Permittivity	39.00	39.91	2.33	±10
					Conductivity	1.96	1.99	1.53	±10
2026-03-21	21.9	53	3500	21.5	Permittivity	37.90	38.91	2.66	±10
					Conductivity	2.91	2.99	2.75	±10
2026-03-21	22	53	3700	21.8	Permittivity	37.67	38.23	1.49	±10
					Conductivity	3.12	3.17	1.60	±10
2026-03-25	22.8	47	5200	22.6	Permittivity	36.00	36.56	1.56	±10
					Conductivity	4.66	4.62	-0.86	±10
2026-03-26	22.9	43	5400	22.6	Permittivity	35.80	36.77	2.71	±10
					Conductivity	4.86	4.91	1.03	±10
2026-03-29	23.1	51	5600	22.8	Permittivity	35.55	35.89	0.96	±10
					Conductivity	5.07	5.06	-0.20	±10
2026-03-19	23.5	57	750	23.2	Permittivity	41.90	41.68	-0.53	±10
					Conductivity	0.89	0.88	-1.12	±10

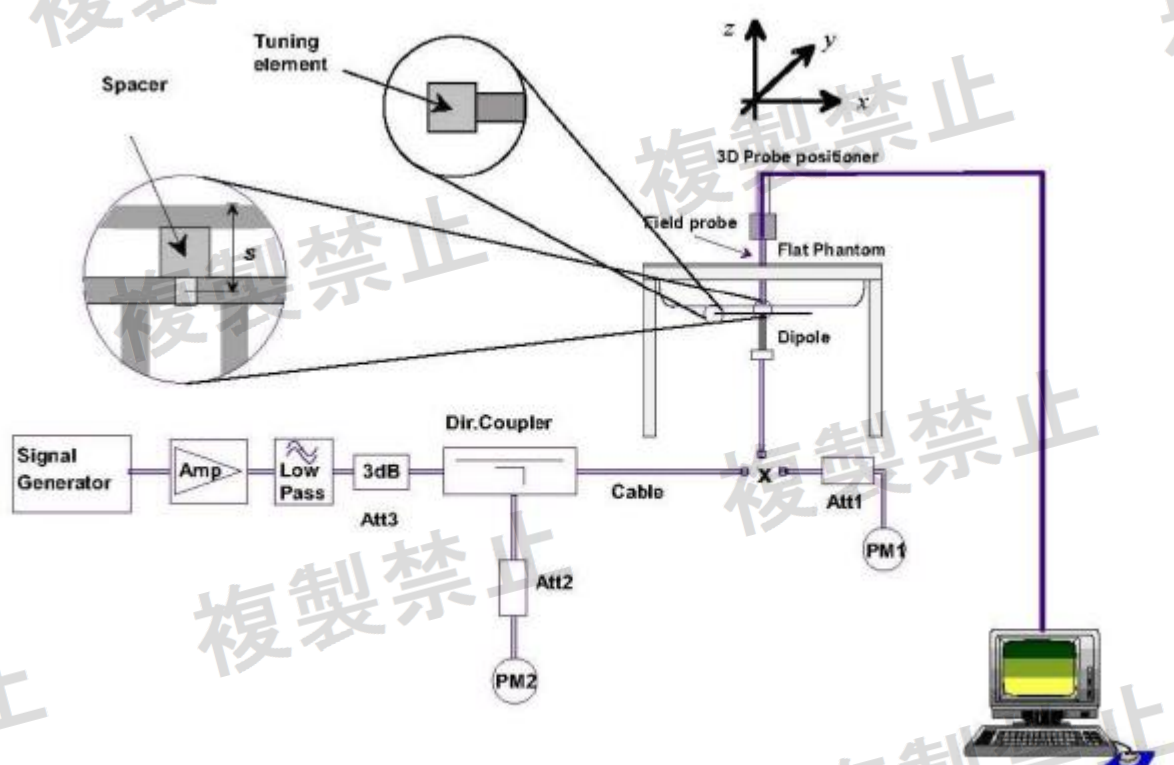


5. SAR System Validation

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.	Power	Power drift	Tested Value	Normalized SAR	Target SAR	Tolerance
	(MHz)	(mW)	(%)	(W/Kg)	(W/kg)	10g(W/kg)	(%)
2026-03-19	750	100	-3.08	0.563	5.63	5.61	0.36
2026-03-03	835	100	0.04	0.592	5.92	5.98	-1.00
2026-03-19	835	100	1.65	0.599	5.99	5.98	0.17
2026-03-28	835	100	3.40	0.592	5.92	5.98	-1.00
2026-03-27	835	100	3.22	0.612	6.12	5.98	2.34
2026-03-23	1800	100	2.05	1.916	19.16	19.11	0.26
2026-03-05	1900	100	-1.71	2.098	20.98	20.78	0.96
2026-03-22	2000	100	-1.40	2.053	20.53	20.45	0.39
2026-03-06	2450	100	2.28	2.453	24.53	24.65	-0.49
2026-03-18	2600	100	-3.17	2.534	25.34	25.29	0.20
2026-03-24	2600	100	-0.21	2.534	25.34	25.29	0.20
2026-03-21	3500	100	3.78	2.524	25.24	25.28	-0.16
2026-03-21	3700	100	1.85	2.533	25.33	25.2	0.52
2026-03-25	5200	100	-2.07	2.282	22.82	22.71	0.48
2026-03-26	5400	100	-3.39	2.254	22.54	22.37	0.76
2026-03-29	5600	100	3.67	2.388	23.88	23.82	0.25



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 16 mm * 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.

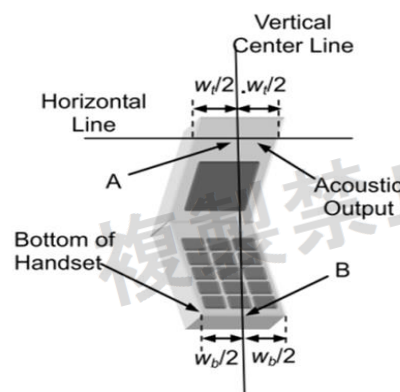
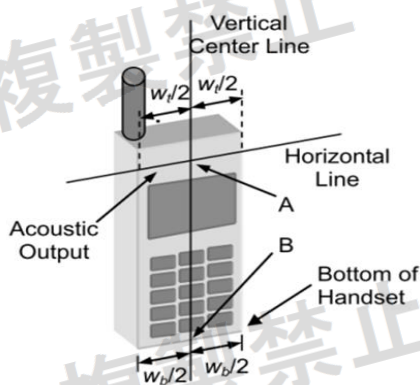


7. EUT Test Position

This EUT was tested in Right Cheek, Right Titled, Left Cheek, Left Titled, Front Face and Rear Face.

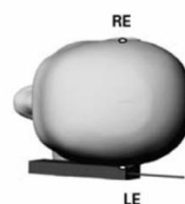
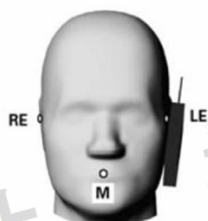
Define Two Imaginary Lines On The Handset:

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



7.1 Cheek Position

- 1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the earpiece with the line RE-LE.
- 2) To move the device towards the phantom with the earpiece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.





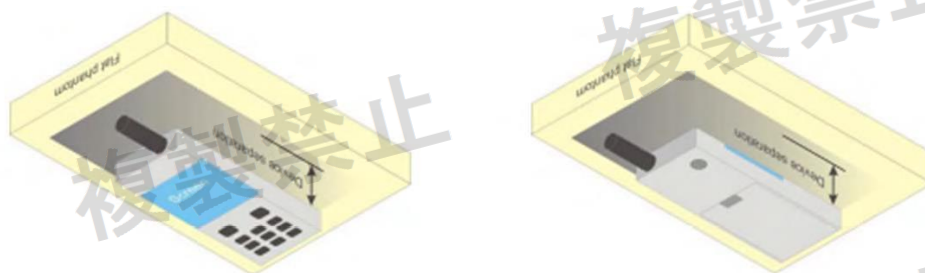
7.2 Tilt Position

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



7.3 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 5mm.





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. $a(x_i)$	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 ($k = 2$)	14	2	7.00	1	7.00	∞
CF _{drift}	Probe calibration drift	R	4	$\sqrt{3}$	2.31	1	2.31	∞
LIN	Probe linearity and detection limit	R	4.7	$\sqrt{3}$	2.71	1	2.71	∞
BBS	Broadband signal	R	0.15	$\sqrt{3}$	0.09	1	0.09	∞
ISO	Probe isotropy	R	3.5	$\sqrt{3}$	2.02	1	2.02	∞
DAE	Other probe and data acquisition errors	N	1.4	1	1.40	1	1.40	∞
AMB	RF ambient and noise	N	3	1	3.00	1	3.00	∞
Δ_{xyz}	Probe positioning errors	N	3.28	1	3.28	$2/\delta$	3.28	
DAT	Data processing errors	N	2.3	1	2.30	1	2.30	∞
Phantom and device (DUT or validation antenna) errors								
LIQ(σ)	Measurement of phantom conductivity(σ)	N	4.07	1	4.07	$c\epsilon, c\sigma$	4.07	∞
LIQ(T_c)	Temperature effects (medium)	R	2.5	$\sqrt{3}$	1.44	$c\epsilon, c\sigma$	1.44	∞
EPS	Shell permittivity	R	2.9	$\sqrt{3}$	1.67	see 8.4.2.3	0.42	∞
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	1.2	1	1.2	1	1.20	5
H	Device holder effects	N	2.5	1	2.5	1	2.50	
MOD	Effect of operating mode on probe sensitivity	R	3.22	$\sqrt{3}$	1.86	1	1.86	∞
TAS	Time-average SAR	R	1.61	$\sqrt{3}$	0.93	1	0.93	∞
RF _{drift}	Variation in SAR due to drift in output of DUT	N	2.37	1	2.37	1	2.37	
VAL	Validation antenna uncertainty (validation measurement only)	N	1.55	1	1.55	1	1.55	
P _{in}	Uncertainty in accepted power (validation measurement only)	N	2.45	1	2.45	1	2.45	
Corrections to the SAR result (if applied)								
C(ϵ', σ)	Phantom deviation from target (ϵ', σ)	N	1.9	1	1.9	1	1.90	
C(R)	SAR scaling	R	5	$\sqrt{3}$	2.89	1	2.89	
u(Δ SAR)	Combined uncertainty						12.34	
U	Expanded uncertainty and effective degrees of freedom					U =	24.67	



9. Conducted Power Measurement

9.1 Test Result

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)	Power (dBm)	Power (dBm)	MIMO Power (dBm)
			ANT 1	ANT 1	
802.11b	1	2412	14.82	13.31	N/A
	7	2442	14.97	13.52	N/A
	13	2472	14.14	13.09	N/A
802.11g	1	2412	14.01	12.53	N/A
	7	2442	14.31	12.81	N/A
	13	2472	13.49	12.36	N/A
802.11n-HT20	1	2412	14.03	12.51	13.69
	7	2442	14.3	12.97	13.31
	13	2472	13.5	13.15	12.59
802.11n-HT40	3	2422	14.16	12.43	13.48
	7	2442	14.24	12.65	13.44
	11	2462	13.89	12.67	12.58
802.11ax-HE20	1	2412	14.32	12.71	13.34
	7	2442	14.46	13.15	13.4
	13	2472	13.77	12.54	13.02
802.11ax-HE40	3	2422	14.45	12.77	13.77
	7	2442	14.52	12.9	13.83
	11	2462	14.23	12.84	12.85

5.2G WLAN					
Mode	Channel Number	Frequency (MHz)	Power (dBm)	Power (dBm)	MIMO Power (dBm)
			ANT 1	ANT 2	
802.11a20	36	5180	11.78	13.11	N/A
802.11n-HT20	36	5180	8.79	11.4	12.48
802.11n-HT40	38	5190	8.49	11.29	11.34
802.11ac-VHT80	42	5210	9.84	10.93	12.1
802.11ax-HE80	42	5210	10.33	10.97	11.78



5.3G WLAN					
Mode	Channel Number	Frequency (MHz)	Power (dBm)	Power (dBm)	MIMO Power (dBm)
			ANT 1	ANT 2	
802.11a20	64	5320	11.42	9.59	N/A
802.11n-HT20	64	5320	7.37	7.64	11.96
802.11n-HT40	62	5310	7.18	6.59	11.19
802.11ac-VHT80	58	5290	9.55	6.44	12.06
802.11ax-HE80	58	5290	9.94	6.6	12.23

5.6G WLAN					
Mode	Channel Number	Frequency (MHz)	Power (dBm)	Power (dBm)	MIMO Power (dBm)
			ANT 1	ANT 2	
802.11a20	100	5500	12.86	11.52	N/A
	144	5720	11.38	11.48	N/A
802.11n-HT20	100	5500	8.04	9.46	12.73
	144	5720	6.71	9.65	10.66
802.11n-HT40	102	5510	7.78	8.28	12.46
	142	5710	6.64	8.35	11.12
802.11ac-VHT80	106	5530	10.53	7.71	12.37
	138	5690	10.42	9.62	12.03
802.11ax-HE80	106	5530	10.85	7.77	12.9
	138	5690	10.37	10.56	12.43

BT		
Mode	Output Power (dBm)	Output Power (mW)
GFSK(1Mbps)	6.67	4.65
QPSK(2Mbps)	3.85	2.43
8DPSK(3Mbps)	3.86	2.43

BLE		
Mode	Output Power (dBm)	Output Power (mW)
GFSK(1Mbps)	5.96	3.94
	6.34	4.31
	5.40	3.47
GFSK(2Mbps)	6.16	4.13
	6.19	4.16
	5.43	3.49

Note: According to EN50663 and EN 62479, the available antenna power of this EUT BT is **6.67dBm (4.65mW)**, this power is less than the defined low power exclusion level (P_{max} : **20 mW**), so BT do not need stand-alone SAR.



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	22.67	22.08	23.08
	Middle	N/A	23.24	22.21	22.88
	High	N/A	23.35	22.85	22.93
5	Low	22.48	22.65	22.06	23.04
	Middle	22.69	23.27	22.23	22.86
	High	22.48	23.32	22.67	22.81
10	Low	22.5	22.76	22.1	23.00
	Middle	22.89	23.31	22.44	22.97
	High	22.71	23.47	22.8	22.99
15	Low	22.47	22.65	N/A	N/A
	Middle	22.75	23.24	N/A	N/A
	High	22.68	23.51	N/A	N/A
	18125(1932.5)	22.21	N/A	N/A	N/A
20	Low	22.48	22.84	N/A	N/A
	Middle	22.95	23.42	N/A	N/A
	High	22.72	23.61	N/A	N/A
	18100(1930)	22.11	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	23.75	23.63	23.82	N/A
	Middle	23.66	23.66	23.71	N/A
	High	23.73	23.74	23.74	N/A
5	Low	23.91	23.81	23.94	20.37
	Middle	23.83	23.77	23.8	20.31
	High	23.76	23.75	23.76	20.03
10	Low	23.81	23.73	23.81	20.58
	Middle	23.76	23.79	23.76	20.53
	High	23.82	23.77	23.78	20.26
15	Low	N/A	N/A	23.79	20.46
	Middle	23.77	23.72	23.82	20.41
	High	N/A	N/A	23.82	20.37
20	Low	N/A	N/A	N/A	20.52
	Middle	N/A	N/A	N/A	20.58
	High	N/A	N/A	N/A	20.42



Bandwidth (MHz)	Channel (MHz)	Result (dBm)			
		LTE Band 34	LTE Band 38	LTE Band 39	LTE Band 41
1.4	Low	N/A	N/A	16.09	N/A
	Middle	N/A	N/A	15.98	N/A
	High	N/A	N/A	15.94	N/A
5	Low	22.27	21.02	15.64	23.97
	Middle	22.21	21.26	15.79	24.47
	High	22.25	21.59	15.57	24.81
10	Low	22.24	21.18	N/A	24.01
	Middle	22.24	21.45	15.82	24.41
	High	22.22	21.68	N/A	24.74
15	Low	N/A	N/A	N/A	23.99
	Middle	22.29	N/A	N/A	24.42
	High	N/A	N/A	N/A	24.96
20	Low	N/A	21.2	N/A	23.95
	Middle	N/A	21.42	N/A	24.48
	High	N/A	21.53	N/A	24.7

Bandwidth (MHz)	Channel (MHz)	Result (dBm)
		LTE Band 42
5	Low	22.5
	Middle	22.48
	High	22.89
10	Low	N/A
	Middle	N/A
	High	N/A
15	Low	N/A
	Middle	N/A
	High	N/A
20	Low	22.55
	Middle	22.65
	High	23



SA

NR Band n1(Full)					
UL Channel	Bandwidth (MHz)	UL OFDM	UL Modulation	UL RB configuration	Measured (dBm)
Low	5	DFT-s-OFDM	QPSK	Inner_full	24.7
Low	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.37
Low	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.52
Mid	5	DFT-s-OFDM	QPSK	Inner_full	24.71
Mid	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.49
Mid	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.53
High	5	DFT-s-OFDM	QPSK	Inner_full	24.73
High	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.46
High	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.47
Low	10	DFT-s-OFDM	QPSK	Inner_full	24.77
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.42
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.52
Mid	10	DFT-s-OFDM	QPSK	Inner_full	24.71
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.48
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.49
High	10	DFT-s-OFDM	QPSK	Inner_full	24.76
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.5
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.47
Low	15	DFT-s-OFDM	QPSK	Inner_full	24.6
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.34
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.48
Mid	15	DFT-s-OFDM	QPSK	Inner_full	24.62
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.53
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.61
High	15	DFT-s-OFDM	QPSK	Inner_full	24.67
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.54
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.51
Low	20	DFT-s-OFDM	QPSK	Inner_full	24.63
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.37
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.46
Mid	20	DFT-s-OFDM	QPSK	Inner_full	24.67



Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.52
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.6
High	20	DFT-s-OFDM	QPSK	Inner_full	24.73
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.59
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.55



NR Band n3					
UL Channel	Bandwidth (MHz)	UL OFDM	UL Modulation	UL RB configuration	Measured (dBm)
Low	5	DFT-s-OFDM	QPSK	Inner_full	24.36
Low	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.08
Low	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.09
Mid	5	DFT-s-OFDM	QPSK	Inner_full	24.26
Mid	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.06
Mid	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.03
High	5	DFT-s-OFDM	QPSK	Inner_full	24.24
High	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.03
High	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.03
Low	10	DFT-s-OFDM	QPSK	Inner_full	24.35
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.12
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.13
Mid	10	DFT-s-OFDM	QPSK	Inner_full	24.26
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.11
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.01
High	10	DFT-s-OFDM	QPSK	Inner_full	24.19
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.06
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.07
Low	15	DFT-s-OFDM	QPSK	Inner_full	24.28
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.15
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.14
Mid	15	DFT-s-OFDM	QPSK	Inner_full	24.19
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.08
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.99
High	15	DFT-s-OFDM	QPSK	Inner_full	24.14
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.08
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.09
Low	20	DFT-s-OFDM	QPSK	Inner_full	24.29
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.19
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.19
Mid	20	DFT-s-OFDM	QPSK	Inner_full	24.23
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.13



Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.05
High	20	DFT-s-OFDM	QPSK	Inner_full	24.2
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.08
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.12



n8 15kHz(900-915)						
UL Channel	Bandwidth (MHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (dBm)
180500	5	DFT-s-OFDM	12	6	PI2-BPSK	22.06
180500	5	DFT-s-OFDM	1	1	PI2-BPSK	22.07
180500	5	DFT-s-OFDM	1	23	PI2-BPSK	22.16
180500	5	DFT-s-OFDM	12	6	QPSK	22.1
180500	5	DFT-s-OFDM	1	1	QPSK	22.15
180500	5	DFT-s-OFDM	1	23	QPSK	22.32
181500	5	DFT-s-OFDM	12	6	PI2-BPSK	22.08
181500	5	DFT-s-OFDM	1	1	PI2-BPSK	22.24
181500	5	DFT-s-OFDM	1	23	PI2-BPSK	22.17
181500	5	DFT-s-OFDM	12	6	QPSK	22.14
181500	5	DFT-s-OFDM	1	1	QPSK	22.41
181500	5	DFT-s-OFDM	1	23	QPSK	22.36
182500	5	DFT-s-OFDM	12	6	PI2-BPSK	22
182500	5	DFT-s-OFDM	1	1	PI2-BPSK	22.13
182500	5	DFT-s-OFDM	1	23	PI2-BPSK	21.95
182500	5	DFT-s-OFDM	12	6	QPSK	22.02
182500	5	DFT-s-OFDM	1	1	QPSK	22.35
182500	5	DFT-s-OFDM	1	23	QPSK	22.04
181000	10	DFT-s-OFDM	25	12	PI2-BPSK	22.16
181000	10	DFT-s-OFDM	1	1	PI2-BPSK	22.16
181000	10	DFT-s-OFDM	1	50	PI2-BPSK	22.21
181000	10	DFT-s-OFDM	25	12	QPSK	22.11
181000	10	DFT-s-OFDM	1	1	QPSK	22.26
181000	10	DFT-s-OFDM	1	50	QPSK	22.45
181500	10	DFT-s-OFDM	25	12	PI2-BPSK	22.14
181500	10	DFT-s-OFDM	1	1	PI2-BPSK	22.17
181500	10	DFT-s-OFDM	1	50	PI2-BPSK	22.14
181500	10	DFT-s-OFDM	25	12	QPSK	22.13
181500	10	DFT-s-	1	1	QPSK	22.3



		OFDM				
181500	10	DFT-s-OFDM	1	50	QPSK	22.36
182000	10	DFT-s-OFDM	25	12	PI2-BPSK	22.11
182000	10	DFT-s-OFDM	1	1	PI2-BPSK	22.21
182000	10	DFT-s-OFDM	1	50	PI2-BPSK	21.98
182000	10	DFT-s-OFDM	25	12	QPSK	22.13
182000	10	DFT-s-OFDM	1	1	QPSK	22.41
182000	10	DFT-s-OFDM	1	50	QPSK	22.16
181500	15	DFT-s-OFDM	36	18	PI2-BPSK	22.17
181500	15	DFT-s-OFDM	1	1	PI2-BPSK	22.07
181500	15	DFT-s-OFDM	1	77	PI2-BPSK	21.93
181500	15	DFT-s-OFDM	36	18	QPSK	22.23
181500	15	DFT-s-OFDM	1	1	QPSK	22.19
181500	15	DFT-s-OFDM	1	77	QPSK	22.13



n18 15kHz						
UL Channel	Bandwidth (MHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (dBm)
Low	5	DFT-s-OFDM	12	6	PI2-BPSK	22.47
Low	5	DFT-s-OFDM	1	1	PI2-BPSK	22.31
Low	5	DFT-s-OFDM	1	23	PI2-BPSK	22.62
Low	5	DFT-s-OFDM	12	6	QPSK	22.31
Low	5	DFT-s-OFDM	1	1	QPSK	22.38
Low	5	DFT-s-OFDM	1	23	QPSK	22.61
Mid	5	DFT-s-OFDM	12	6	PI2-BPSK	22.58
Mid	5	DFT-s-OFDM	1	1	PI2-BPSK	22.72
Mid	5	DFT-s-OFDM	1	23	PI2-BPSK	22.47
Mid	5	DFT-s-OFDM	12	6	QPSK	22.21
Mid	5	DFT-s-OFDM	1	1	QPSK	22.82
Mid	5	DFT-s-OFDM	1	23	QPSK	22.63
High	5	DFT-s-OFDM	12	6	PI2-BPSK	22.39
High	5	DFT-s-OFDM	1	1	PI2-BPSK	22.55
High	5	DFT-s-OFDM	1	23	PI2-BPSK	22.07
High	5	DFT-s-OFDM	12	6	QPSK	22.09
High	5	DFT-s-OFDM	1	1	QPSK	22.35
High	5	DFT-s-OFDM	1	23	QPSK	22.13
Low	10	DFT-s-OFDM	25	12	PI2-BPSK	22.29
Low	10	DFT-s-OFDM	1	1	PI2-BPSK	22.21
Low	10	DFT-s-OFDM	1	50	PI2-BPSK	22.63
Low	10	DFT-s-OFDM	25	12	QPSK	22.44
Low	10	DFT-s-OFDM	1	1	QPSK	22.31
Low	10	DFT-s-OFDM	1	50	QPSK	22.93
Mid	10	DFT-s-OFDM	25	12	PI2-BPSK	22.46
Mid	10	DFT-s-OFDM	1	1	PI2-BPSK	22.59
Mid	10	DFT-s-OFDM	1	50	PI2-BPSK	22.38
Mid	10	DFT-s-OFDM	25	12	QPSK	22.43
Mid	10	DFT-s-	1	1	QPSK	22.79



		OFDM				
Mid	10	DFT-s-OFDM	1	50	QPSK	22.80
High	10	DFT-s-OFDM	25	12	PI2-BPSK	22.31
High	10	DFT-s-OFDM	1	1	PI2-BPSK	22.37
High	10	DFT-s-OFDM	1	50	PI2-BPSK	22.17
High	10	DFT-s-OFDM	25	12	QPSK	22.17
High	10	DFT-s-OFDM	1	1	QPSK	22.83
High	10	DFT-s-OFDM	1	50	QPSK	22.30
Mid	15	DFT-s-OFDM	36	18	PI2-BPSK	22.85
Mid	15	DFT-s-OFDM	1	1	PI2-BPSK	23.05
Mid	15	DFT-s-OFDM	1	77	PI2-BPSK	22.62
Mid	15	DFT-s-OFDM	36	18	QPSK	22.76
Mid	15	DFT-s-OFDM	1	1	QPSK	22.97
Mid	15	DFT-s-OFDM	1	77	QPSK	22.88



n26 15kHz(815-845)						
UL Channel	Bandwidth (MHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (dBm)
163500	5	DFT-s-OFDM	12	6	PI2-BPSK	23.04
163500	5	DFT-s-OFDM	1	1	PI2-BPSK	23.09
163500	5	DFT-s-OFDM	1	23	PI2-BPSK	23.1
163500	5	DFT-s-OFDM	12	6	QPSK	22.98
163500	5	DFT-s-OFDM	1	1	QPSK	23.23
163500	5	DFT-s-OFDM	1	23	QPSK	23.19
166000	5	DFT-s-OFDM	12	6	PI2-BPSK	22.89
166000	5	DFT-s-OFDM	1	1	PI2-BPSK	23.02
166000	5	DFT-s-OFDM	1	23	PI2-BPSK	22.98
166000	5	DFT-s-OFDM	12	6	QPSK	22.96
166000	5	DFT-s-OFDM	1	1	QPSK	23.23
166000	5	DFT-s-OFDM	1	23	QPSK	23.17
168500	5	DFT-s-OFDM	12	6	PI2-BPSK	23.14
168500	5	DFT-s-OFDM	1	1	PI2-BPSK	23.23
168500	5	DFT-s-OFDM	1	23	PI2-BPSK	23.25
168500	5	DFT-s-OFDM	12	6	QPSK	23.2
168500	5	DFT-s-OFDM	1	1	QPSK	23.38
168500	5	DFT-s-OFDM	1	23	QPSK	23.34
164000	10	DFT-s-OFDM	25	12	PI2-BPSK	23.14
164000	10	DFT-s-OFDM	1	1	PI2-BPSK	23.1
164000	10	DFT-s-OFDM	1	50	PI2-BPSK	23.14
164000	10	DFT-s-OFDM	25	12	QPSK	23.09
164000	10	DFT-s-OFDM	1	1	QPSK	23.3
164000	10	DFT-s-OFDM	1	50	QPSK	23.34
166000	10	DFT-s-OFDM	25	12	PI2-BPSK	22.97
166000	10	DFT-s-OFDM	1	1	PI2-BPSK	23.22
166000	10	DFT-s-OFDM	1	50	PI2-BPSK	23.09
166000	10	DFT-s-OFDM	25	12	QPSK	22.97
166000	10	DFT-s-	1	1	QPSK	23.44



		OFDM				
166000	10	DFT-s-OFDM	1	50	QPSK	23.29
168000	10	DFT-s-OFDM	25	12	PI2-BPSK	23.21
168000	10	DFT-s-OFDM	1	1	PI2-BPSK	23.1
168000	10	DFT-s-OFDM	1	50	PI2-BPSK	23.25
168000	10	DFT-s-OFDM	25	12	QPSK	23.24
168000	10	DFT-s-OFDM	1	1	QPSK	23.31
168000	10	DFT-s-OFDM	1	50	QPSK	23.44
164500	15	DFT-s-OFDM	36	18	PI2-BPSK	23.11
164500	15	DFT-s-OFDM	1	1	PI2-BPSK	23.04
164500	15	DFT-s-OFDM	1	77	PI2-BPSK	22.87
164500	15	DFT-s-OFDM	36	18	QPSK	23.1
164500	15	DFT-s-OFDM	1	1	QPSK	23.29
164500	15	DFT-s-OFDM	1	77	QPSK	23.15
166000	15	DFT-s-OFDM	36	18	PI2-BPSK	22.97
166000	15	DFT-s-OFDM	1	1	PI2-BPSK	23.03
166000	15	DFT-s-OFDM	1	77	PI2-BPSK	22.95
166000	15	DFT-s-OFDM	36	18	QPSK	22.99
166000	15	DFT-s-OFDM	1	1	QPSK	23.19
166000	15	DFT-s-OFDM	1	77	QPSK	23.18
167500	15	DFT-s-OFDM	36	18	PI2-BPSK	23.07
167500	15	DFT-s-OFDM	1	1	PI2-BPSK	22.92
167500	15	DFT-s-OFDM	1	77	PI2-BPSK	23.15
167500	15	DFT-s-OFDM	36	18	QPSK	23.14
167500	15	DFT-s-OFDM	1	1	QPSK	23.23
167500	15	DFT-s-OFDM	1	77	QPSK	23.39
165000	20	DFT-s-OFDM	50	25	PI2-BPSK	23.14
165000	20	DFT-s-OFDM	1	1	PI2-BPSK	23.04
165000	20	DFT-s-OFDM	1	104	PI2-BPSK	22.97
165000	20	DFT-s-OFDM	50	25	QPSK	23.17
165000	20	DFT-s-OFDM	1	1	QPSK	23.28



		OFDM				
165000	20	DFT-s-OFDM	1	104	QPSK	23.25
166000	20	DFT-s-OFDM	50	25	PI2-BPSK	23.02
166000	20	DFT-s-OFDM	1	1	PI2-BPSK	23.17
166000	20	DFT-s-OFDM	1	104	PI2-BPSK	23.17
166000	20	DFT-s-OFDM	50	25	QPSK	23.08
166000	20	DFT-s-OFDM	1	1	QPSK	23.34
166000	20	DFT-s-OFDM	1	104	QPSK	23.38
167000	20	DFT-s-OFDM	50	25	PI2-BPSK	23.09
167000	20	DFT-s-OFDM	1	1	PI2-BPSK	23.14
167000	20	DFT-s-OFDM	1	104	PI2-BPSK	23.08
167000	20	DFT-s-OFDM	50	25	QPSK	23.14
167000	20	DFT-s-OFDM	1	1	QPSK	23.44
167000	20	DFT-s-OFDM	1	104	QPSK	23.32



NR Band n28							
UL Channel	Bandwidth (MHz)	UL OFDM	UL Modulation	UL RB configuration	Measured (dBm)	Measured (mw)	Output Power Tolerance (%)
Low	5	DFT-s-OFDM	QPSK	Inner_full	23.7	234.42	17.21%
Low	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.56	226.99	13.49%
Low	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.65	231.74	15.87%
Mid	5	DFT-s-OFDM	QPSK	Inner_full	23.88	244.34	22.17%
Mid	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.73	236.05	18.02%
Mid	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.76	237.68	18.84%
High	5	DFT-s-OFDM	QPSK	Inner_full	23.69	233.88	16.94%
High	5	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.47	222.33	11.17%
High	5	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.5	223.87	11.94%
Low	10	DFT-s-OFDM	QPSK	Inner_full	23.74	236.59	18.30%
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.55	226.46	13.23%
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.65	231.74	15.87%
Mid	10	DFT-s-OFDM	QPSK	Inner_full	23.86	243.22	21.61%
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.77	238.23	19.12%
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.71	234.96	17.48%
High	10	DFT-s-OFDM	QPSK	Inner_full	23.7	234.42	17.21%
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.68	233.35	16.67%
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.49	223.36	11.68%
Low	15	DFT-s-OFDM	QPSK	Inner_full	23.71	234.96	17.48%
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.61	229.61	14.81%
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.67	232.81	16.40%
Mid	15	DFT-s-OFDM	QPSK	Inner_full	23.84	242.1	21.05%
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.77	238.23	19.12%
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.66	232.27	16.14%
High	15	DFT-s-OFDM	QPSK	Inner_full	23.76	237.68	18.84%
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.77	238.23	19.12%
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.52	224.91	12.45%
Low	20	DFT-s-OFDM	QPSK	Inner_full	23.85	242.66	21.33%
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.74	236.59	18.30%
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.75	237.14	18.57%
Mid	20	DFT-s-OFDM	QPSK	Inner_full	23.85	242.66	21.33%



Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.78	238.78	19.39%
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.61	229.61	14.81%
High	20	DFT-s-OFDM	QPSK	Inner_full	23.85	242.66	21.33%
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.81	240.44	20.22%
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.58	228.03	14.02%



n41							
UL Channel	Bandwidth (MHz)	UL OFDM	UL Modulation	UL RB configuration	Measured (dBm)	Measured (mw)	Output Power Tolerance (%)
Low	10	DFT-s-OFDM	QPSK	Inner_full	24.63	290.4	45.20%
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.68	293.76	46.88%
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.77	299.92	49.96%
Mid	10	DFT-s-OFDM	QPSK	Inner_full	24.59	287.74	43.87%
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.61	289.07	44.53%
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.69	294.44	47.22%
High	10	DFT-s-OFDM	QPSK	Inner_full	24.84	304.79	52.39%
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.91	309.74	54.87%
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.94	311.89	55.94%
Low	20	DFT-s-OFDM	QPSK	Inner_full	24.65	291.74	45.87%
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.66	292.42	46.21%
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.74	297.85	48.93%
Mid	20	DFT-s-OFDM	QPSK	Inner_full	24.59	287.74	43.87%
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.67	293.09	46.54%
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.71	295.8	47.90%
High	20	DFT-s-OFDM	QPSK	Inner_full	24.67	293.09	46.54%
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.67	293.09	46.54%
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.86	306.2	53.10%
Low	30	DFT-s-OFDM	QPSK	Inner_full	24.64	291.07	45.54%
Low	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.71	295.8	47.90%
Low	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.72	296.48	48.24%



		OFDM					
Mid	30	DFT-s-OFDM	QPSK	Inner_full	24.48	280.54	40.27%
Mid	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.57	286.42	43.21%
Mid	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.58	287.08	43.54%
High	30	DFT-s-OFDM	QPSK	Inner_full	24.64	291.07	45.54%
High	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.7	295.12	47.56%
High	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.83	304.09	52.04%
Low	40	DFT-s-OFDM	QPSK	Inner_full	24.55	285.1	42.55%
Low	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.54	284.45	42.22%
Low	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.58	287.08	43.54%
Mid	40	DFT-s-OFDM	QPSK	Inner_full	24.51	282.49	41.24%
Mid	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.55	285.1	42.55%
Mid	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.55	285.1	42.55%
High	40	DFT-s-OFDM	QPSK	Inner_full	24.48	280.54	40.27%
High	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.56	285.76	42.88%
High	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.66	292.42	46.21%
Low	50	DFT-s-OFDM	QPSK	Inner_full	24.65	291.74	45.87%
Low	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.56	285.76	42.88%
Low	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.56	285.76	42.88%
Mid	50	DFT-s-OFDM	QPSK	Inner_full	24.54	284.45	42.22%
Mid	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.51	282.49	41.24%
Mid	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.44	277.97	38.99%
High	50	DFT-s-OFDM	QPSK	Inner_full	24.47	279.9	39.95%



High	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.46	279.25	39.63%
High	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.57	286.42	43.21%



NR Band n77(3400-4100MHz)					
UL Channel	Bandwidth (MHz)	UL OFDM	UL Modulation	UL RB configuration	Measured (dBm)
Low	10	DFT-s-OFDM	QPSK	Inner_full	23.79
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.84
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.83
Mid	10	DFT-s-OFDM	QPSK	Inner_full	23.87
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.03
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.03
High	10	DFT-s-OFDM	QPSK	Inner_full	23.67
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.75
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.76
Low	15	DFT-s-OFDM	QPSK	Inner_full	23.84
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.92
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.95
Mid	15	DFT-s-OFDM	QPSK	Inner_full	23.86
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.04
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.08
High	15	DFT-s-OFDM	QPSK	Inner_full	23.73
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.82
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.83
Low	20	DFT-s-OFDM	QPSK	Inner_full	23.93
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.97
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.95
Mid	20	DFT-s-OFDM	QPSK	Inner_full	23.93
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.05
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.08
High	20	DFT-s-OFDM	QPSK	Inner_full	23.79
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.79
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.82
Low	25	DFT-s-OFDM	QPSK	Inner_full	23.98
Low	25	DFT-s-OFDM	QPSK	Inner_1RB_Left	24
Low	25	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.95
Mid	25	DFT-s-OFDM	QPSK	Inner_full	23.97
Mid	25	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.08



Mid	25	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.11
High	25	DFT-s-OFDM	QPSK	Inner_full	23.79
High	25	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.73
High	25	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.82
Low	30	DFT-s-OFDM	QPSK	Inner_full	23.76
Low	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.87
Low	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.86
Mid	30	DFT-s-OFDM	QPSK	Inner_full	23.93
Mid	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.14
Mid	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.2
High	30	DFT-s-OFDM	QPSK	Inner_full	23.78
High	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.88
High	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.84
Low	40	DFT-s-OFDM	QPSK	Inner_full	23.93
Low	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.03
Low	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.95
Mid	40	DFT-s-OFDM	QPSK	Inner_full	23.94
Mid	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.03
Mid	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.13
High	40	DFT-s-OFDM	QPSK	Inner_full	23.79
High	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.74
High	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.83
Low	50	DFT-s-OFDM	QPSK	Inner_full	23.75
Low	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.78
Low	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.72
Mid	50	DFT-s-OFDM	QPSK	Inner_full	23.99
Mid	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	24
Mid	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.12
High	50	DFT-s-OFDM	QPSK	Inner_full	23.84
High	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.79
High	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.69
Low	60	DFT-s-OFDM	QPSK	Inner_full	23.78
Low	60	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.85
Low	60	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.67



		OFDM			
Mid	60	DFT-s-OFDM	QPSK	Inner_full	23.95
Mid	60	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.96
Mid	60	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.11
High	60	DFT-s-OFDM	QPSK	Inner_full	23.77
High	60	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.65
High	60	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.78
Low	80	DFT-s-OFDM	QPSK	Inner_full	23.82
Low	80	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.96
Low	80	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.8
Mid	80	DFT-s-OFDM	QPSK	Inner_full	23.96
Mid	80	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.06
Mid	80	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.13
High	80	DFT-s-OFDM	QPSK	Inner_full	23.74
High	80	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.77
High	80	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.76
Low	90	DFT-s-OFDM	QPSK	Inner_full	23.74
Low	90	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.89
Low	90	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.72
Mid	90	DFT-s-OFDM	QPSK	Inner_full	23.99
Mid	90	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.03
Mid	90	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.11
High	90	DFT-s-OFDM	QPSK	Inner_full	23.79
High	90	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.88
High	90	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.64
Low	100	DFT-s-OFDM	QPSK	Inner_full	23.76
Low	100	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.91
Low	100	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.62
Mid	100	DFT-s-OFDM	QPSK	Inner_full	23.93
Mid	100	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.87
Mid	100	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.99
High	100	DFT-s-OFDM	QPSK	Inner_full	23.74
High	100	DFT-s-OFDM	QPSK	Inner_1RB_Left	23.79
High	100	DFT-s-OFDM	QPSK	Inner_1RB_Right	23.78



NR Band n78 PC3					
UL Channel	Bandwidth (MHz)	UL OFDM	UL Modulation	UL RB configuration	Measured (dBm)
Low	10	DFT-s-OFDM	QPSK	Inner_full	24.99
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.11
Low	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.12
Mid	10	DFT-s-OFDM	QPSK	Inner_full	24.81
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.95
Mid	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.96
High	10	DFT-s-OFDM	QPSK	Inner_full	25.32
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.4
High	10	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.47
Low	15	DFT-s-OFDM	QPSK	Inner_full	24.98
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.11
Low	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.1
Mid	15	DFT-s-OFDM	QPSK	Inner_full	24.73
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.91
Mid	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.9
High	15	DFT-s-OFDM	QPSK	Inner_full	25.4
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.51
High	15	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.55
Low	20	DFT-s-OFDM	QPSK	Inner_full	25.08
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.2
Low	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.15
Mid	20	DFT-s-OFDM	QPSK	Inner_full	24.79
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.91
Mid	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.87
High	20	DFT-s-OFDM	QPSK	Inner_full	25.45
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.54
High	20	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.59
Low	25	DFT-s-OFDM	QPSK	Inner_full	25.06
Low	25	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.16
Low	25	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.06
Mid	25	DFT-s-OFDM	QPSK	Inner_full	24.76



Mid	25	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.81
Mid	25	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.77
High	25	DFT-s-OFDM	QPSK	Inner_full	25.33
High	25	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.3
High	25	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.39
Low	30	DFT-s-OFDM	QPSK	Inner_full	24.86
Low	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	25
Low	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.96
Mid	30	DFT-s-OFDM	QPSK	Inner_full	24.73
Mid	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.83
Mid	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.82
High	30	DFT-s-OFDM	QPSK	Inner_full	25.44
High	30	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.55
High	30	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.49
Low	40	DFT-s-OFDM	QPSK	Inner_full	24.98
Low	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.09
Low	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.98
Mid	40	DFT-s-OFDM	QPSK	Inner_full	24.81
Mid	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.78
Mid	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.76
High	40	DFT-s-OFDM	QPSK	Inner_full	25.43
High	40	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.43
High	40	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.51
Low	50	DFT-s-OFDM	QPSK	Inner_full	24.86
Low	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.96
Low	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.7
Mid	50	DFT-s-OFDM	QPSK	Inner_full	24.85
Mid	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.89
Mid	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.86
High	50	DFT-s-OFDM	QPSK	Inner_full	25.19
High	50	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.26
High	50	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.24
Low	60	DFT-s-OFDM	QPSK	Inner_full	24.91
Low	60	DFT-s-OFDM	QPSK	Inner_1RB_Left	25



		OFDM			
Low	60	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.83
Mid	60	DFT-s-OFDM	QPSK	Inner_full	24.77
Mid	60	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.67
Mid	60	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.72
High	60	DFT-s-OFDM	QPSK	Inner_full	25.26
High	60	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.19
High	60	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.36
Low	80	DFT-s-OFDM	QPSK	Inner_full	24.93
Low	80	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.18
Low	80	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.94
Mid	80	DFT-s-OFDM	QPSK	Inner_full	24.81
Mid	80	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.78
Mid	80	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.81
High	80	DFT-s-OFDM	QPSK	Inner_full	25.17
High	80	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.15
High	80	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.27
Low	90	DFT-s-OFDM	QPSK	Inner_full	24.85
Low	90	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.1
Low	90	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.89
Mid	90	DFT-s-OFDM	QPSK	Inner_full	24.84
Mid	90	DFT-s-OFDM	QPSK	Inner_1RB_Left	24.88
Mid	90	DFT-s-OFDM	QPSK	Inner_1RB_Right	24.83
High	90	DFT-s-OFDM	QPSK	Inner_full	25.11
High	90	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.11
High	90	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.08
Low	100	DFT-s-OFDM	QPSK	Inner_full	25.46
Low	100	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.7
Low	100	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.29
Mid	100	DFT-s-OFDM	QPSK	Inner_full	25.37
Mid	100	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.52
Mid	100	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.37
High	100	DFT-s-OFDM	QPSK	Inner_full	25.55
High	100	DFT-s-OFDM	QPSK	Inner_1RB_Left	25.38



High	100	DFT-s-OFDM	QPSK	Inner_1RB_Right	25.63
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DC_5A_n41A									
UL Channel	Bandwidth Combination (MHz)	NR UL OFDM	NR UL Modulation	NR UL RB configuration	LTE UL Modulation	LTE UL RB configuration	NR Measured (dBm)	LTE Measured (dBm)	NSA Measured (dBm)
Low	5+10	DFT-s-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.26	19.79	24.87
Low	5+10	DFT-s-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.17	20	24.88
Low	5+10	DFT-s-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.02	19.99	24.77
Low	5+10	DFT-s-OFDM	QPSK	Inner_full	QPSK	0@0	23.19	19.79	24.82
Low	5+10	DFT-s-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.18	19.69	24.79
Low	5+10	DFT-s-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.1	19.85	24.78
Mid	5+10	DFT-s-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.04	19.68	24.69
Mid	5+10	DFT-s-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.19	20.09	24.92
Mid	5+10	DFT-s-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.03	19.88	24.74
Mid	5+10	DFT-s-OFDM	QPSK	Inner_full	QPSK	0@0	23.06	19.43	24.62
Mid	5+10	DFT-s-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.08	19.8	24.75
Mid	5+10	DFT-s-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.18	19.82	24.83
High	5+10	DFT-s-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.26	20.05	24.96
High	5+10	DFT-s-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.99	20.61	24.97



High	5+10	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.03	19.98	24.78
High	5+10	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.3	19.79	24.90
High	5+10	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.11	19.97	24.83
High	5+10	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.05	19.85	24.75
Low	5+20	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.17	19.68	24.78
Low	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.05	19.93	24.77
Low	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.98	20.03	24.76
Low	5+20	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.02	21.32	25.26
Low	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.1	19.78	24.76
Low	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.01	19.88	24.73
Mid	5+20	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.28	20.01	24.96
Mid	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.33	19.86	24.94
Mid	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.19	20.02	24.90
Mid	5+20	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.39	19.78	24.96
Mid	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.26	20.04	24.95
Mid	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.09	20.5	25.00
High	5+20	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.08	19.57	24.68



High	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.16	19.75	24.79
High	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.9	20.09	24.73
High	5+20	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.13	19.94	24.83
High	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.99	19.95	24.74
High	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.02	20.57	24.98
Low	5+30	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.21	20.37	25.03
Low	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.15	19.65	24.75
Low	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.22	19.68	24.81
Low	5+30	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.25	19.75	24.85
Low	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.19	19.75	24.81
Low	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.16	20.4	25.01
Mid	5+30	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.2	19.99	24.90
Mid	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.2	19.96	24.89
Mid	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.36	19.73	24.92
Mid	5+30	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.24	20.3	25.02
Mid	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.25	19.91	24.90
Mid	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.29	19.69	24.86



High	5+30	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.22	19.9	24.88
High	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.24	19.72	24.84
High	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.3	19.95	24.95
High	5+30	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.17	20.41	25.02
High	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.25	19.8	24.87
High	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.92	19.73	24.62
Low	5+40	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.14	19.56	24.72
Low	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.18	20.94	25.21
Low	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.21	19.86	24.86
Low	5+40	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.11	19.93	24.82
Low	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.18	19.77	24.81
Low	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.14	19.68	24.76
Mid	5+40	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.32	20.04	24.99
Mid	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.2	19.63	24.78
Mid	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.13	20.37	24.98
Mid	5+40	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.26	19.96	24.93
Mid	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.23	19.72	24.83



Mid	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.14	19.89	24.82
High	5+40	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.16	19.88	24.83
High	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.24	19.63	24.81
High	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.16	19.94	24.85
High	5+40	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.2	19.7	24.80
High	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.16	19.74	24.79
High	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.27	20	24.95
Low	5+50	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.2	19.98	24.89
Low	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.98	20.01	24.75
Low	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.24	20.43	25.07
Low	5+50	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.15	19.99	24.86
Low	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.05	20.63	25.02
Low	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.11	20.67	25.07
Mid	5+50	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.24	19.67	24.82
Mid	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.07	19.93	24.79
Mid	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.09	19.71	24.73
Mid	5+50	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.22	19.92	24.89



Mid	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.07	19.59	24.68
Mid	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.18	19.96	24.87
High	5+50	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.96	20.13	24.78
High	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.06	19.8	24.74
High	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.98	19.67	24.64
High	5+50	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.09	20	24.82
High	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.08	19.81	24.76
High	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.93	19.69	24.62



DC_3A_n78A									
UL Channel	Bandwidth Combination (MHz)	NR UL OFDM	NR UL Modulation	NR UL RB configuration	LTE UL Modulation	LTE UL RB configuration	NR Measure d (dBm)	LTE Measure d (dBm)	NSA Measure d (dBm)
Low	5+10	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.33	20	24.99
Low	5+10	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.89	19.91	24.66
Low	5+10	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.25	20.24	25.01
Low	5+10	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.04	20.07	24.81
Low	5+10	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.76	19.9	24.57
Low	5+10	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.25	19.77	24.86
Mid	5+10	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.91	19.98	24.70
Mid	5+10	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.26	20.21	25.01
Mid	5+10	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.85	19.81	24.60
Mid	5+10	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.68	18.19	24.00
Mid	5+10	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.15	19.51	24.71
Mid	5+10	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.14	19.56	24.72
High	5+10	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.8	20.04	24.65
High	5+10	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.22	20.56	25.10
High	5+10	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.09	19.76	24.75
High	5+10	DFT-S-	QPSK	Inner_full	QPSK	0@0	23.1	19.77	24.76



		OFD M							
High	5+10	DFT- s- OFD M	QPSK	Inner_1RB_Lef t	QPSK	0@0	22.99	19.78	24.69
High	5+10	DFT- s- OFD M	QPSK	Inner_1RB_Rig ht	QPSK	0@0	23.32	19.93	24.96
Low	5+15	DFT- s- OFD M	PI2- BPSK	Inner_full	QPSK	0@0	23.07	19.8	24.75
Low	5+15	DFT- s- OFD M	PI2- BPSK	Inner_1RB_Lef t	QPSK	0@0	22.73	20	24.59
Low	5+15	DFT- s- OFD M	PI2- BPSK	Inner_1RB_Rig ht	QPSK	0@0	22.95	19.76	24.65
Low	5+15	DFT- s- OFD M	QPSK	Inner_full	QPSK	0@0	22.9	20.43	24.85
Low	5+15	DFT- s- OFD M	QPSK	Inner_1RB_Lef t	QPSK	0@0	22.8	19.9	24.60
Low	5+15	DFT- s- OFD M	QPSK	Inner_1RB_Rig ht	QPSK	0@0	23.05	19.85	24.75
Mid	5+15	DFT- s- OFD M	PI2- BPSK	Inner_full	QPSK	0@0	22.66	19.8	24.47
Mid	5+15	DFT- s- OFD M	PI2- BPSK	Inner_1RB_Lef t	QPSK	0@0	23.08	19.92	24.79
Mid	5+15	DFT- s- OFD M	PI2- BPSK	Inner_1RB_Rig ht	QPSK	0@0	22.96	19.82	24.68
Mid	5+15	DFT- s- OFD M	QPSK	Inner_full	QPSK	0@0	22.56	19.65	24.35
Mid	5+15	DFT- s- OFD M	QPSK	Inner_1RB_Lef t	QPSK	0@0	23.15	19.8	24.80
Mid	5+15	DFT- s- OFD M	QPSK	Inner_1RB_Rig ht	QPSK	0@0	22.98	20.66	24.98
High	5+15	DFT- s- OFD M	PI2- BPSK	Inner_full	QPSK	0@0	22.97	19.29	24.52
High	5+15	DFT- s- OFD M	PI2- BPSK	Inner_1RB_Lef t	QPSK	0@0	22.71	19.82	24.51



High	5+15	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.14	20.24	24.94
High	5+15	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.82	20	24.65
High	5+15	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.02	19.81	24.72
High	5+15	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.9	20.86	25.01
Low	5+20	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.81	20.42	24.79
Low	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.86	19.69	24.57
Low	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.98	19.53	24.60
Low	5+20	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.25	19.7	24.84
Low	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.95	19.71	24.64
Low	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.28	20.53	25.13
Mid	5+20	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.9	20.18	24.76
Mid	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.75	19.81	24.53
Mid	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.26	19.91	24.91
Mid	5+20	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.03	20.39	24.92
Mid	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.31	20.03	24.98
Mid	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.32	19.83	24.93
High	5+20	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.13	19.88	24.81



High	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.7	19.86	24.52
High	5+20	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.86	19.91	24.64
High	5+20	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.94	20.12	24.77
High	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.14	19.69	24.76
High	5+20	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.8	19.53	24.48
Low	5+25	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.92	19.45	24.53
Low	5+25	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.18	20.73	25.14
Low	5+25	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.84	19.99	24.66
Low	5+25	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.59	20.21	24.57
Low	5+25	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.89	20	24.69
Low	5+25	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.14	19.41	24.67
Mid	5+25	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.33	20.21	25.05
Mid	5+25	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.06	19.41	24.62
Mid	5+25	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.31	20.26	25.06
Mid	5+25	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23	20.12	24.80
Mid	5+25	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.87	19.97	24.67
Mid	5+25	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.4	19.89	25.00



High	5+25	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.11	19.89	24.80
High	5+25	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.71	19.91	24.54
High	5+25	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.99	19.84	24.70
High	5+25	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.36	19.89	24.97
High	5+25	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.85	19.79	24.59
High	5+25	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.97	19.71	24.65
Low	5+30	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23	19.87	24.72
Low	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.18	20.28	24.98
Low	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.77	19.3	24.38
Low	5+30	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.77	20	24.61
Low	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.33	20.82	25.26
Low	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.74	20.61	24.81
Mid	5+30	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.8	19.86	24.58
Mid	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.01	19.89	24.73
Mid	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.82	19.81	24.58
Mid	5+30	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.75	19.75	24.51
Mid	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.2	19.52	24.75



Mid	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.91	19.76	24.62
High	5+30	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.24	20.07	24.95
High	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.22	19.79	24.85
High	5+30	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.44	19.53	24.92
High	5+30	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.27	19.94	24.93
High	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.98	19.7	24.65
High	5+30	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.44	19.71	24.97
Low	5+40	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.26	20.03	24.95
Low	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.8	20.05	24.65
Low	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.28	19.86	24.91
Low	5+40	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.04	20.07	24.81
Low	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.27	19.82	24.89
Low	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.28	19.6	24.83
Mid	5+40	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23	19.52	24.61
Mid	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.88	20.34	24.80
Mid	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.11	20.07	24.86
Mid	5+40	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.72	19.42	24.39



Mid	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.03	19.71	24.69
Mid	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.8	19.94	24.61
High	5+40	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.97	19.9	24.71
High	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.04	20.73	25.05
High	5+40	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.76	19.79	24.53
High	5+40	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.74	19.73	24.50
High	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.11	19.82	24.78
High	5+40	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.86	19.88	24.63
Low	5+50	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.94	19.78	24.65
Low	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.14	19.9	24.83
Low	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.4	20.05	25.05
Low	5+50	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.9	19.53	24.54
Low	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.91	19.59	24.57
Low	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.09	20.15	24.87
Mid	5+50	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.14	19.83	24.80
Mid	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.91	20.11	24.74
Mid	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.04	19.89	24.75



Mid	5+50	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.09	20.06	24.84
Mid	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.11	20.05	24.85
Mid	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.78	19.66	24.50
High	5+50	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.94	19.85	24.67
High	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.69	19.89	24.52
High	5+50	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.9	20.08	24.73
High	5+50	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.71	20.23	24.65
High	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.05	20.11	24.83
High	5+50	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.16	20.67	25.10
Low	5+60	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.85	20.3	24.77
Low	5+60	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.98	19.88	24.71
Low	5+60	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.94	19.49	24.56
Low	5+60	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.74	19.49	24.42
Low	5+60	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.81	19.89	24.60
Low	5+60	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.79	18.43	24.15
Mid	5+60	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.83	19.83	24.59
Mid	5+60	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.33	19.76	24.91



Mid	5+60	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.97	19.93	24.72
Mid	5+60	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.15	19.1	24.59
Mid	5+60	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.22	19.84	24.86
Mid	5+60	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.44	19.63	24.95
High	5+60	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.17	19.84	24.83
High	5+60	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.1	19.71	24.74
High	5+60	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.33	19.96	24.97
High	5+60	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23	20.29	24.86
High	5+60	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.11	19.87	24.80
High	5+60	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.81	19.69	24.53
Low	5+80	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.99	19.54	24.61
Low	5+80	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.9	18.2	24.17
Low	5+80	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.19	20.13	24.93
Low	5+80	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.83	20.13	24.70
Low	5+80	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.2	19.52	24.75
Low	5+80	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.27	19.52	24.80
Mid	5+80	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.22	20.1	24.94



Mid	5+80	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.09	19.68	24.72
Mid	5+80	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.2	20.27	24.99
Mid	5+80	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.83	20.12	24.69
Mid	5+80	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.8	19.64	24.51
Mid	5+80	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.13	19.64	24.74
High	5+80	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.87	20.14	24.73
High	5+80	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.86	19.4	24.48
High	5+80	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.02	19.8	24.71
High	5+80	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.97	19.57	24.60
High	5+80	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.94	19.58	24.59
High	5+80	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.04	20.1	24.82
Low	5+90	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.74	19.85	24.54
Low	5+90	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.15	19.74	24.78
Low	5+90	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.93	18.17	24.18
Low	5+90	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.25	20.1	24.96
Low	5+90	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.11	20.67	25.07
Low	5+90	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.04	20.92	25.12



Mid	5+90	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.09	19.47	24.66
Mid	5+90	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.69	20.15	24.61
Mid	5+90	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.82	19.67	24.53
Mid	5+90	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.59	19.94	24.47
Mid	5+90	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.98	19.36	24.55
Mid	5+90	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.81	19.76	24.56
High	5+90	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.95	19.84	24.68
High	5+90	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.14	19.91	24.83
High	5+90	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.04	19.76	24.71
High	5+90	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.84	19.74	24.57
High	5+90	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.85	19.6	24.53
High	5+90	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.2	19.57	24.76
Low	5+100	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.31	19.67	24.87
Low	5+100	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	22.96	20.07	24.76
Low	5+100	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.38	19.92	25.00
Low	5+100	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.05	19.93	24.77
Low	5+100	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	23.21	19.89	24.87



Low	5+100	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.48	19.76	25.02
Mid	5+100	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	23.1	19.9	24.80
Mid	5+100	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.03	19.36	24.58
Mid	5+100	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	23.26	19.8	24.88
Mid	5+100	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	22.97	18.49	24.29
Mid	5+100	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.79	19.63	24.50
Mid	5+100	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	22.78	19.55	24.47
High	5+100	DFT-S-OFDM	PI2-BPSK	Inner_full	QPSK	0@0	22.69	19.8	24.49
High	5+100	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Left	QPSK	0@0	23.01	19.69	24.67
High	5+100	DFT-S-OFDM	PI2-BPSK	Inner_1RB_Right	QPSK	0@0	22.86	20.13	24.72
High	5+100	DFT-S-OFDM	QPSK	Inner_full	QPSK	0@0	23.06	19.54	24.66
High	5+100	DFT-S-OFDM	QPSK	Inner_1RB_Left	QPSK	0@0	22.89	19.82	24.63
High	5+100	DFT-S-OFDM	QPSK	Inner_1RB_Right	QPSK	0@0	23.17	19.95	24.86



9.2 Tune up power

BW[MHz]	Mode	Band 1	Band 3	Band 5	Band 8
10	QPSK	23±0.1dBm	23±0.7dBm	23±0.2dBm	23±0.4dBm
20	QPSK	23±0.4dBm	23.0±1dBm	N/A	N/A

BW[MHz]	Mode	Band 18	Band 19	Band 26	Band 28
15	QPSK	23±1.2dBm	23±1.1dBm	23±1.2dBm	20±0.7dBm
20	QPSK	N/A	N/A	N/A	20.0±1dBm

BW[MHz]	Mode	Band 34	Band 38	Band 39	Band 41	Band 42
10	QPSK	22±0.4dBm	21±0.9dBm	15±1.3dBm	23±1.9dBm	N/A
15	QPSK	22±0.7dBm	N/A	N/A	23±2.2dBm	N/A
20	QPSK	N/A	21±0.9dBm	N/A	23±2.2dBm	23±0.5dBm

2.4G WLAN			
Mode	ANT 1	ANT 2	MIMO
802.11b	14.3±1dBm	12.8±1dBm	N/A
802.11g	13.6±1dBm	12.1±1dBm	N/A
802.11n(HT20)	13.6±1dBm	12.5±1dBm	13.0±1dBm
802.11n(HT40)	13.5±1dBm	12.0±1dBm	12.8±1dBm
802.11ax(HE20)	13.8±1dBm	12.5±1dBm	12.7±1dBm
802.11ax(HE40)	13.8±1dBm	12.2±1dBm	13.1±1dBm

5.2G WLAN			
Mode	ANT 1	ANT 2	MIMO
802.11a	11.1±1dBm	12.4±1dBm	N/A
802.11n-HT20	8.1±1dBm	10.7±1dBm	11.8±1dBm
802.11n-HT40	7.8±1dBm	10.6±1dBm	10.6±1dBm
802.11ac80	9.1±1dBm	10.2±1dBm	11.4±1dBm
802.11ax80	9.6±1dBm	10.3±1dBm	11.1±1dBm

5.3G WLAN			
Mode	ANT 1	ANT 2	MIMO
802.11a	10.7±1dBm	8.9±1dBm	N/A
802.11n-HT20	6.7±1dBm	6.9±1dBm	11.3±1dBm
802.11n-HT40	6.5±1dBm	5.9±1dBm	10.5±1dBm
802.11ac80	8.9±1dBm	5.7±1dBm	11.4±1dBm
802.11ax80	9.2±1dBm	5.9±1dBm	11.5±1dBm

5.6G WLAN			
Mode	ANT 1	ANT 2	MIMO
802.11a	12.2±1dBm	10.8±1dBm	N/A
802.11n-HT20	7.3±1dBm	9.0±1dBm	12.0±1dBm
802.11n-HT40	7.1±1dBm	7.7±1dBm	11.8±1dBm
802.11ac80	9.8±1dBm	8.9±1dBm	11.7±1dBm
802.11ax80	10.2±1dBm	9.9±1dBm	12.2±1dBm



Mode	BT
GFSK	6.0±1dBm
$\pi/4$ -DQPSK	3.2±1dBm
8DPSK	3.2±1dBm

Mode	BLE
GFSK(1Mbps)	5.3±1dBm
	5.6±1dBm
	4.7±1dBm
GFSK(2Mbps)	5.5±1dBm
	5.5±1dBm
	4.7±1dBm

BW[MHz]	Mode	N1	N3	N8	N18	N26	N28
15	DFT_QPSK	23±1.9dBm	23±1.6dBm	22±0.7dBm	23±0.4dBm	23±0.6dBm	23±1.1dBm
20	DFT_QPSK	23.0±2dBm	23±1.7dBm	N/A	N/A	23±0.7dBm	23±1.2dBm

BW[MHz]	Mode	N41	N77	N78
50	DFT_QPSK	23±2.1dBm	23±1.4dBm	23±2.5dBm
100	DFT_QPSK	N/A	23±1.4dBm	23±2.5dBm

BW[MHz]	Mode	DC_A5+N41	DC_A3+N78
50	DFT_QPSK	23±2.5dBm	23±2.5dBm
100	DFT_QPSK	N/A	23±2.5dBm



10. Test Photos and Results

10.1 EUT Photos

Front side

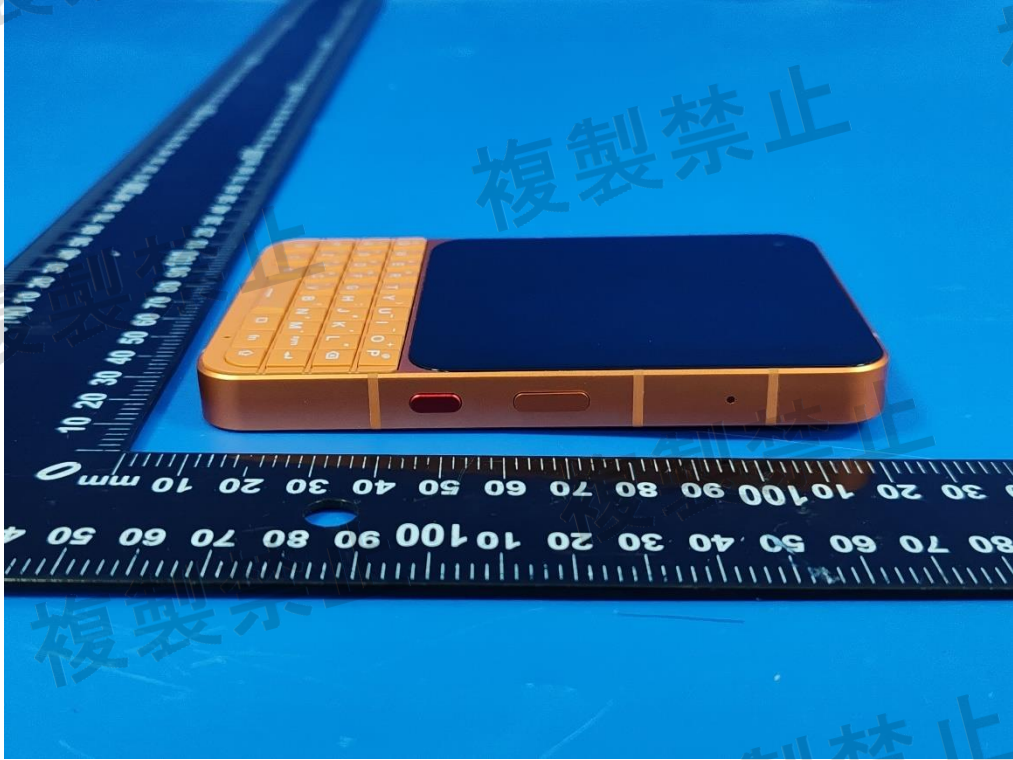


Back side

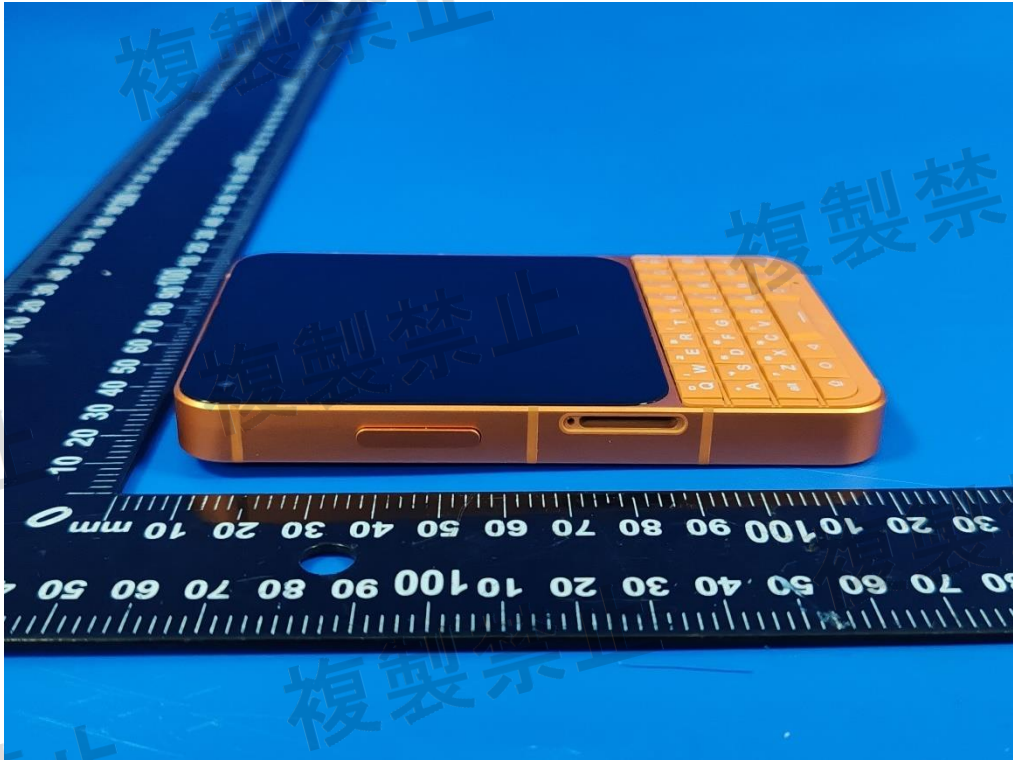




Right Edge

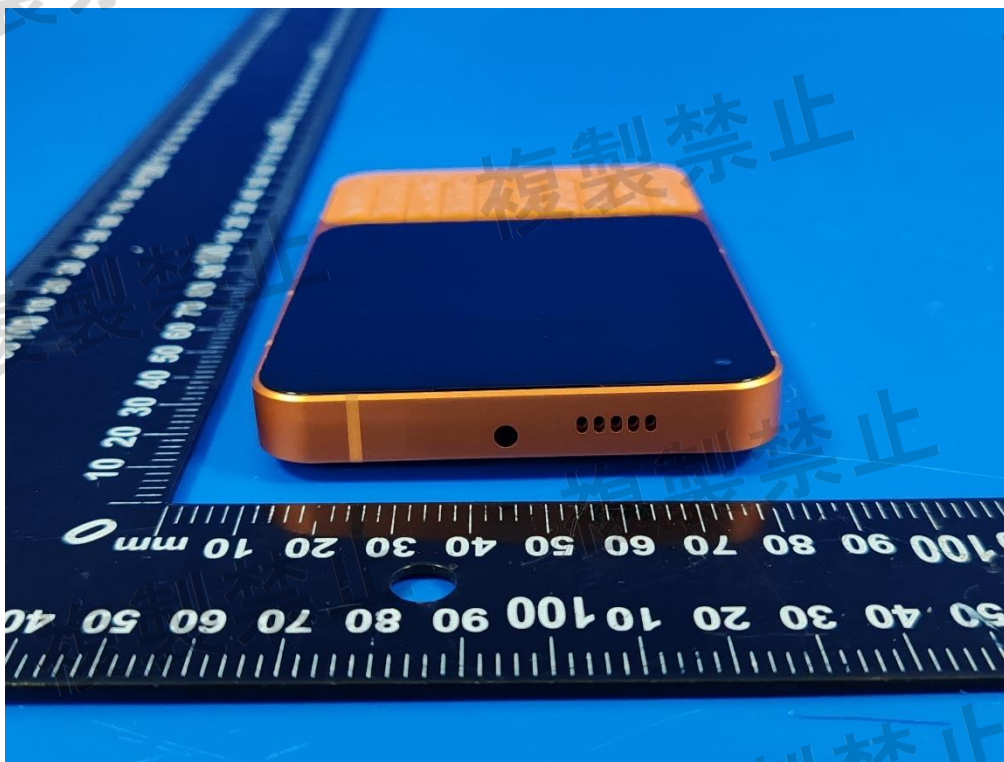


Left Edge

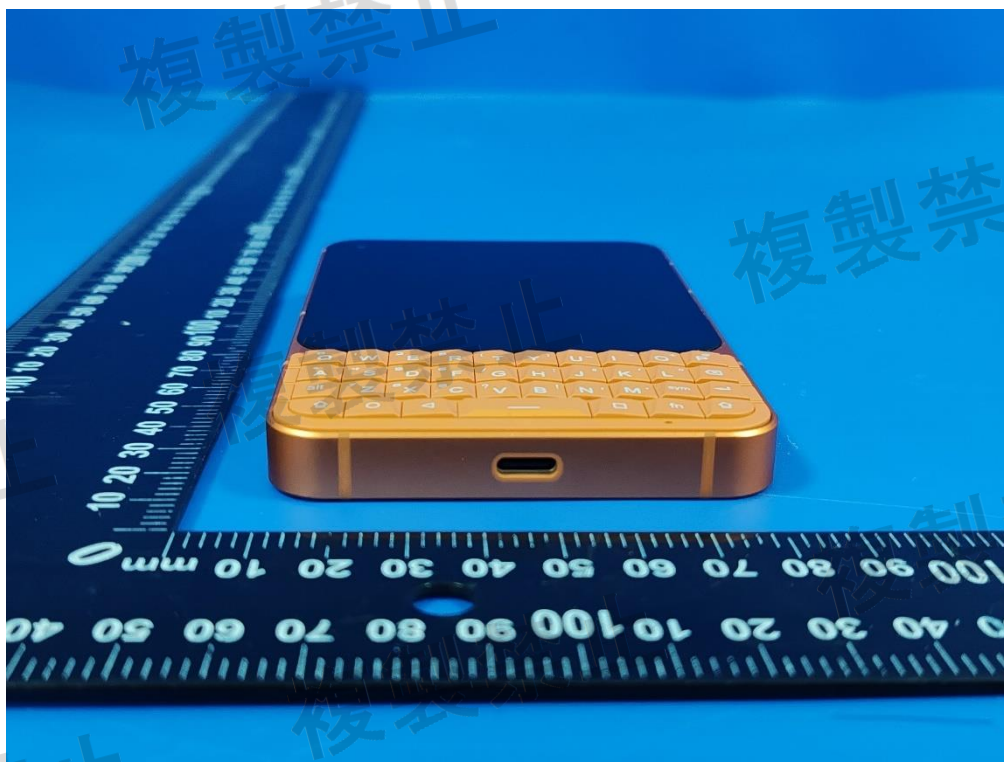




Top Edge



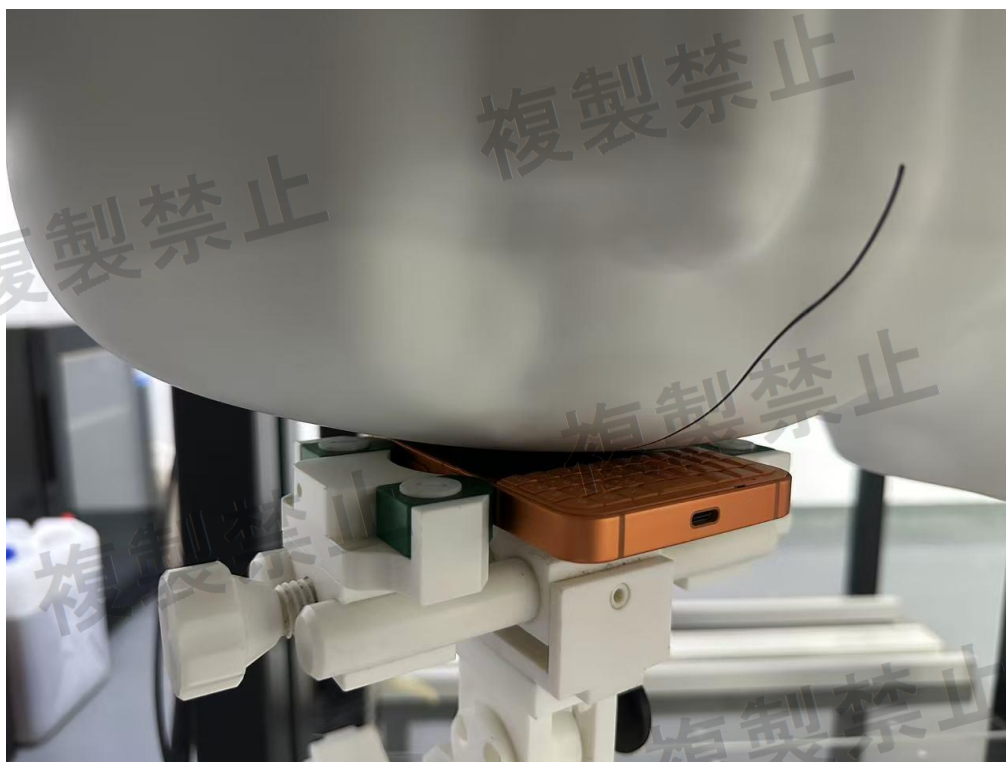
Bottom Edge



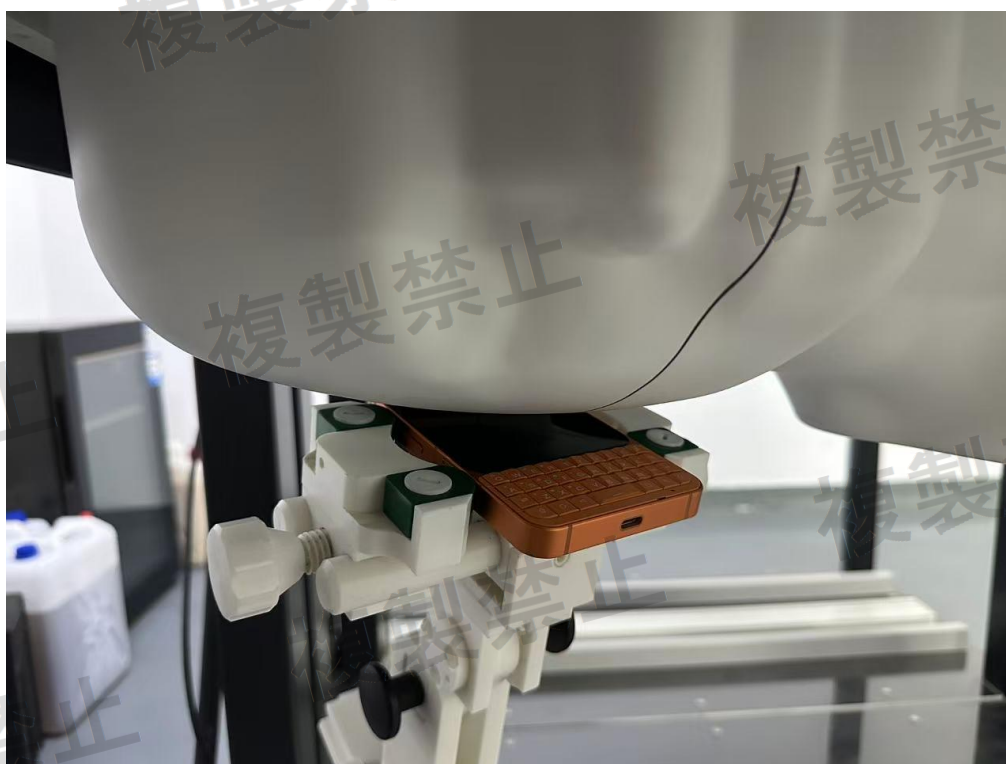


10.2 Setup Photos

Right Touch

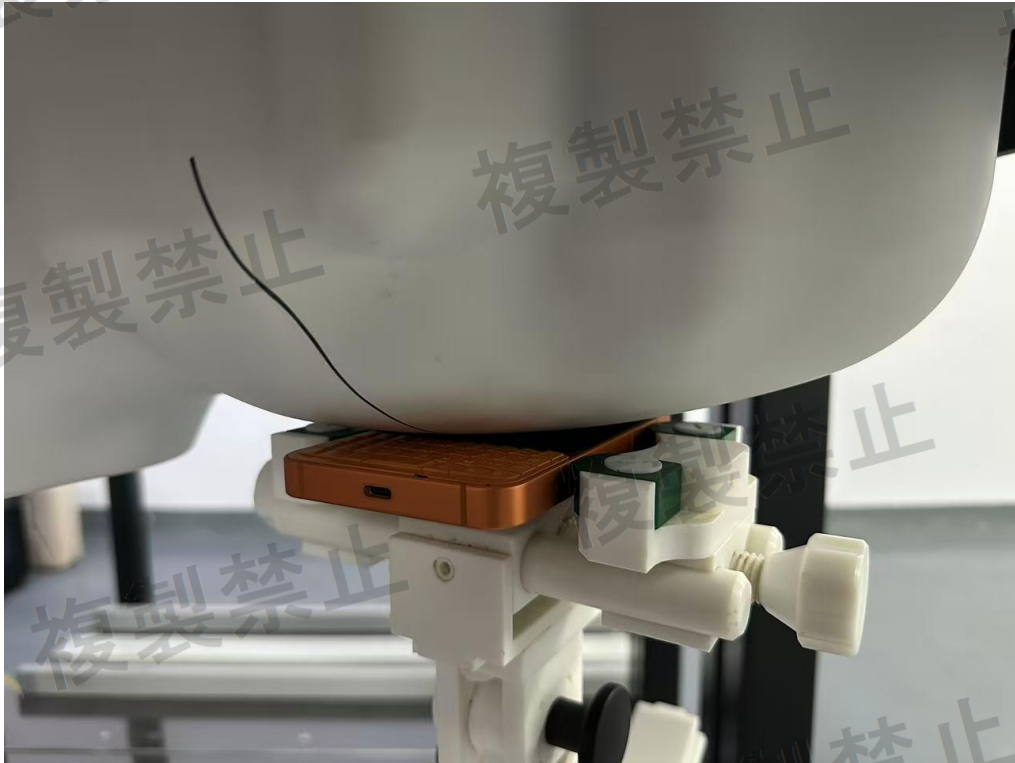


Right Tilt

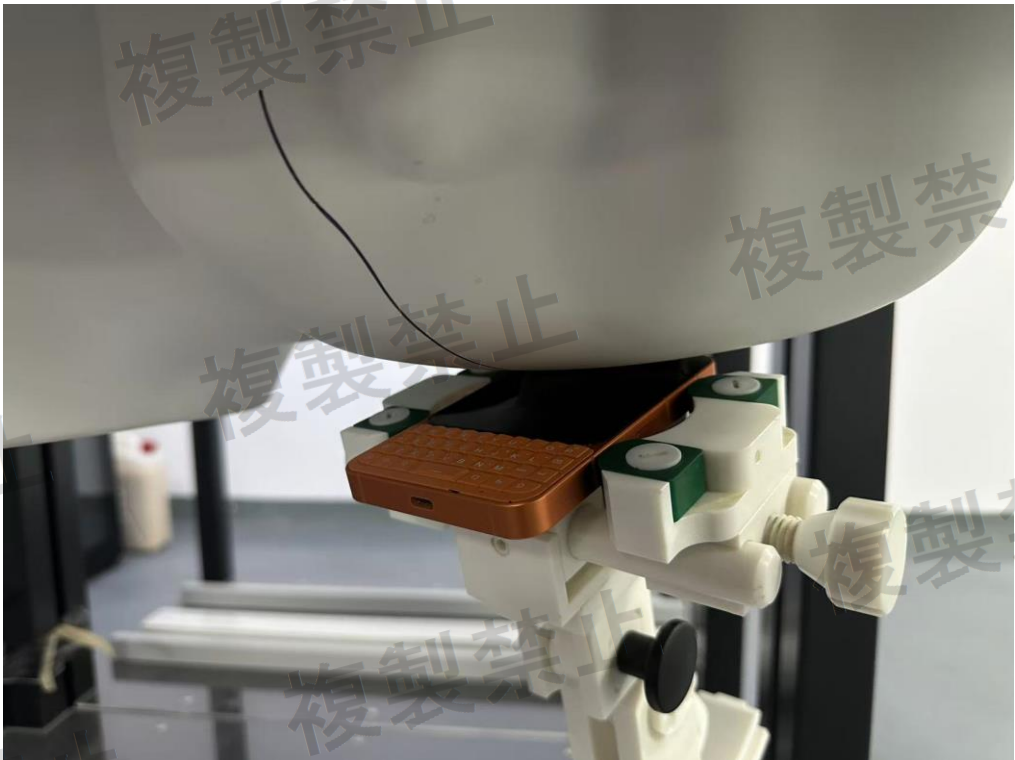




Left Touch

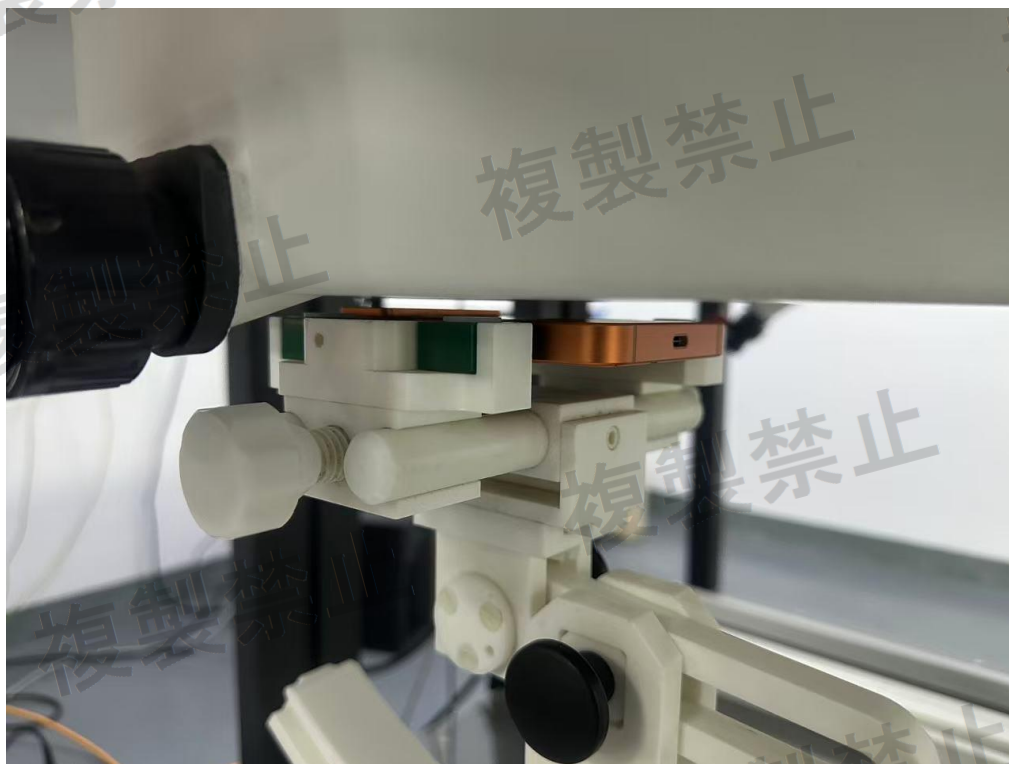


Left Tilt

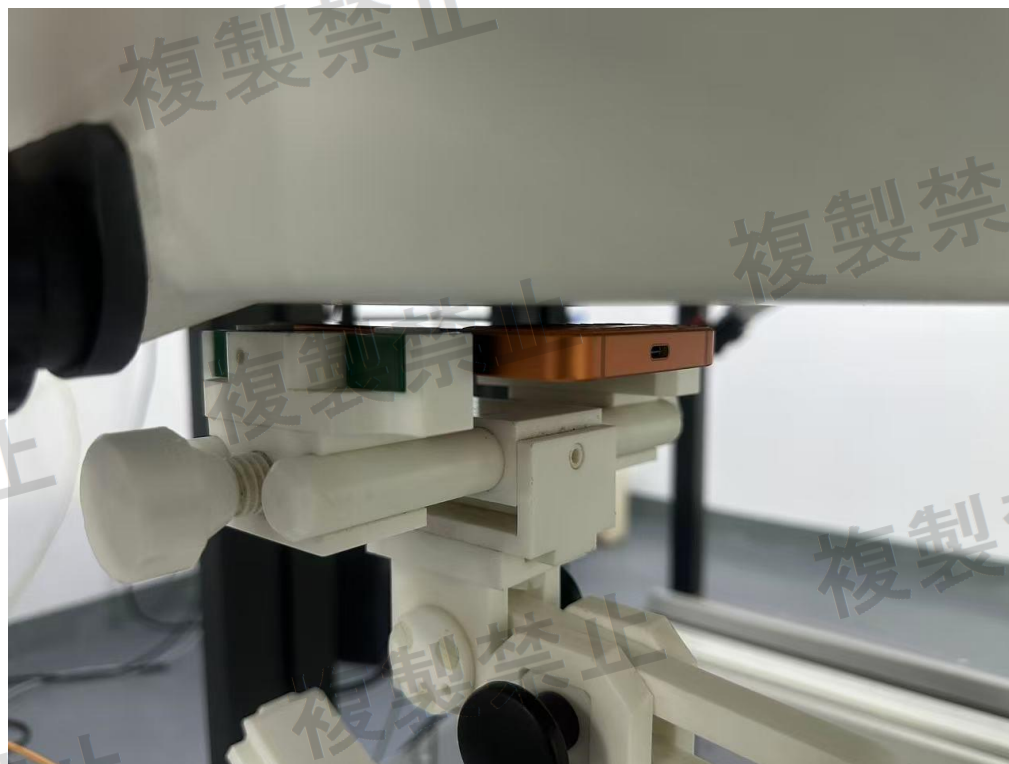




Body Front side

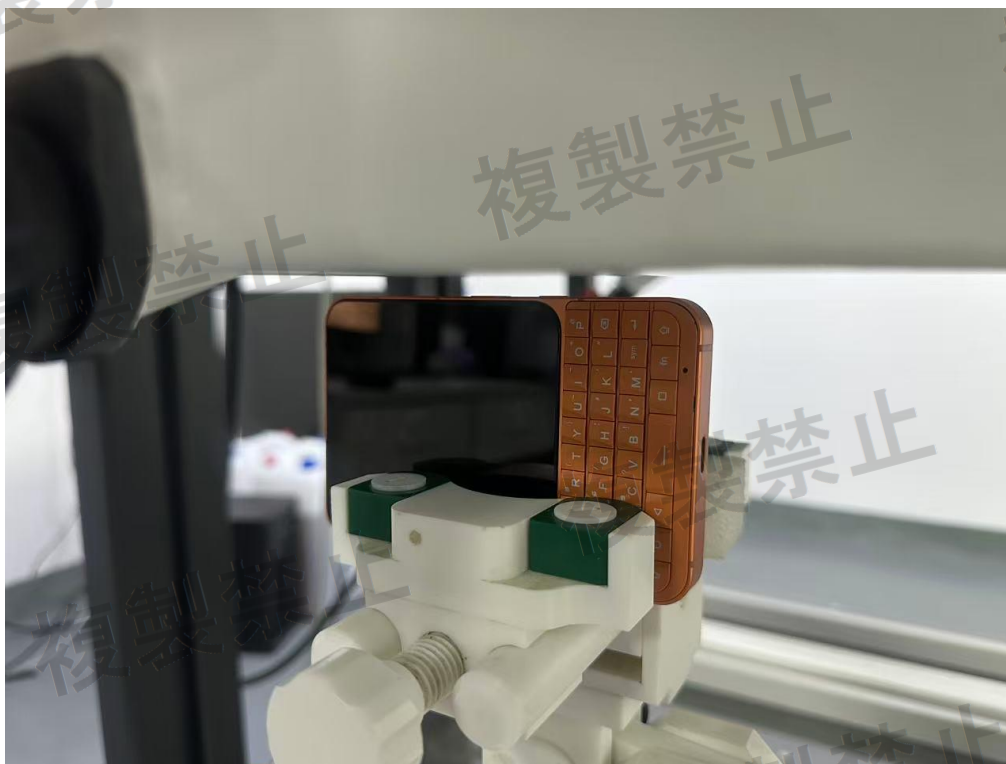


Body Back side

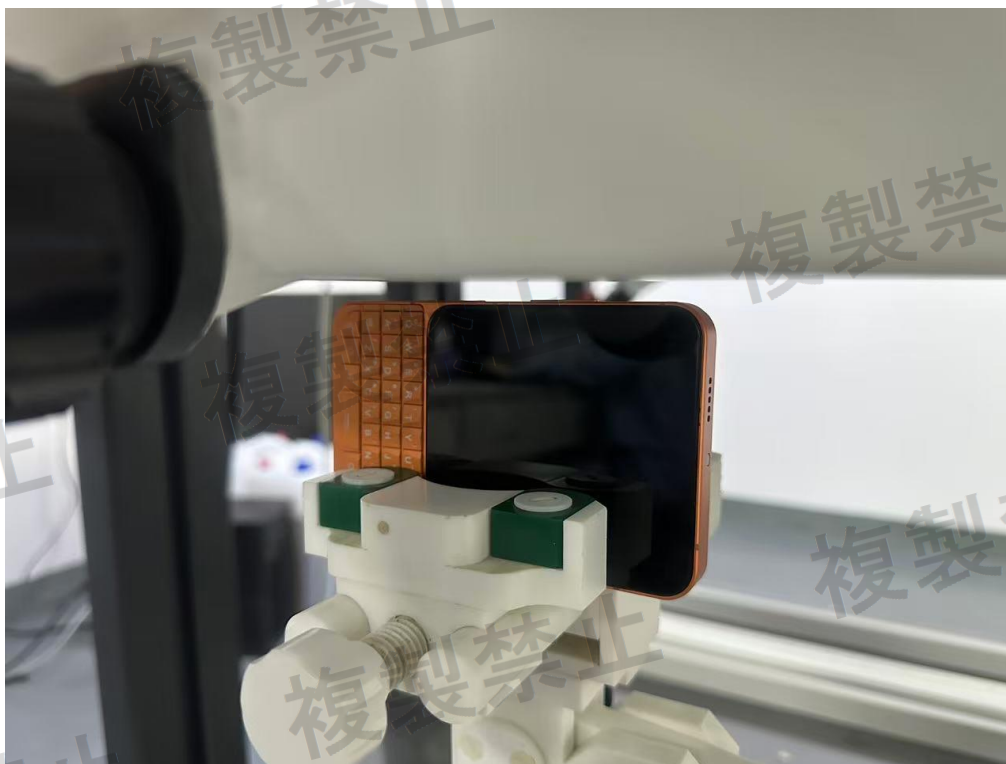




Body Right side

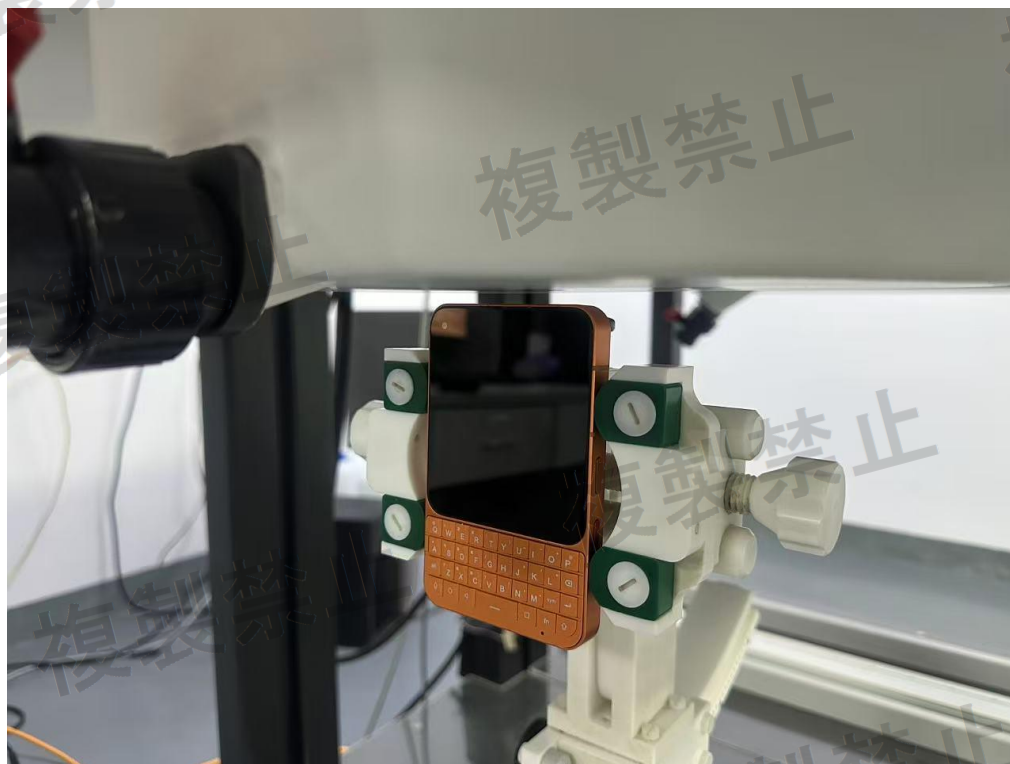


Body Left side

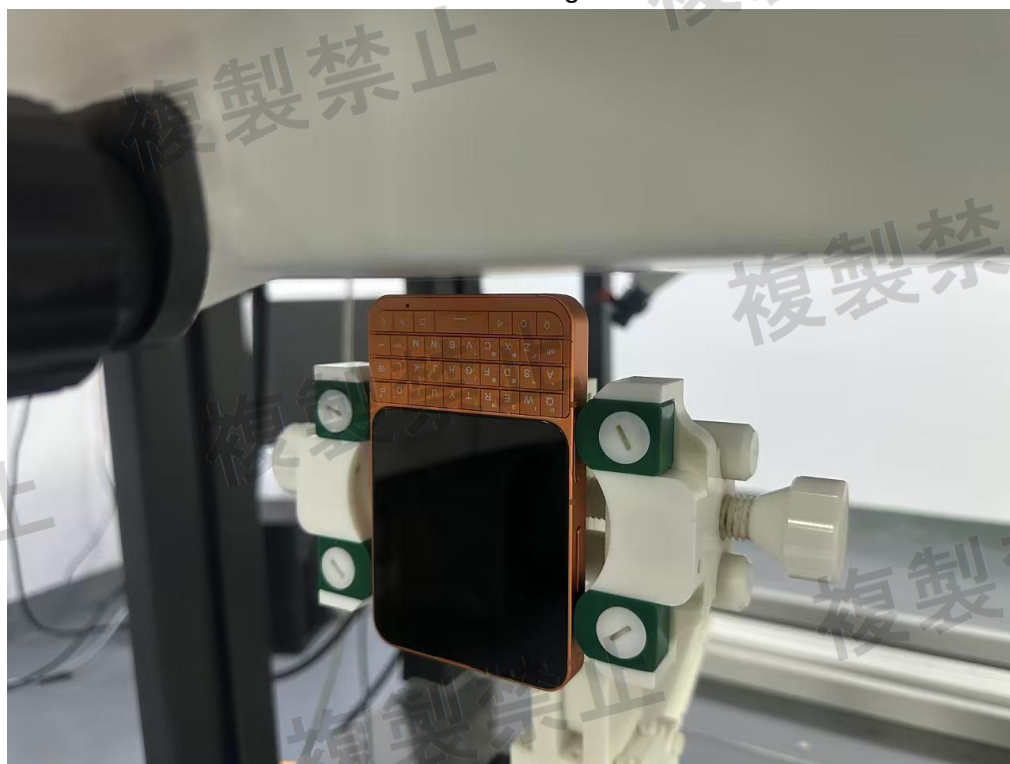




Top Edge

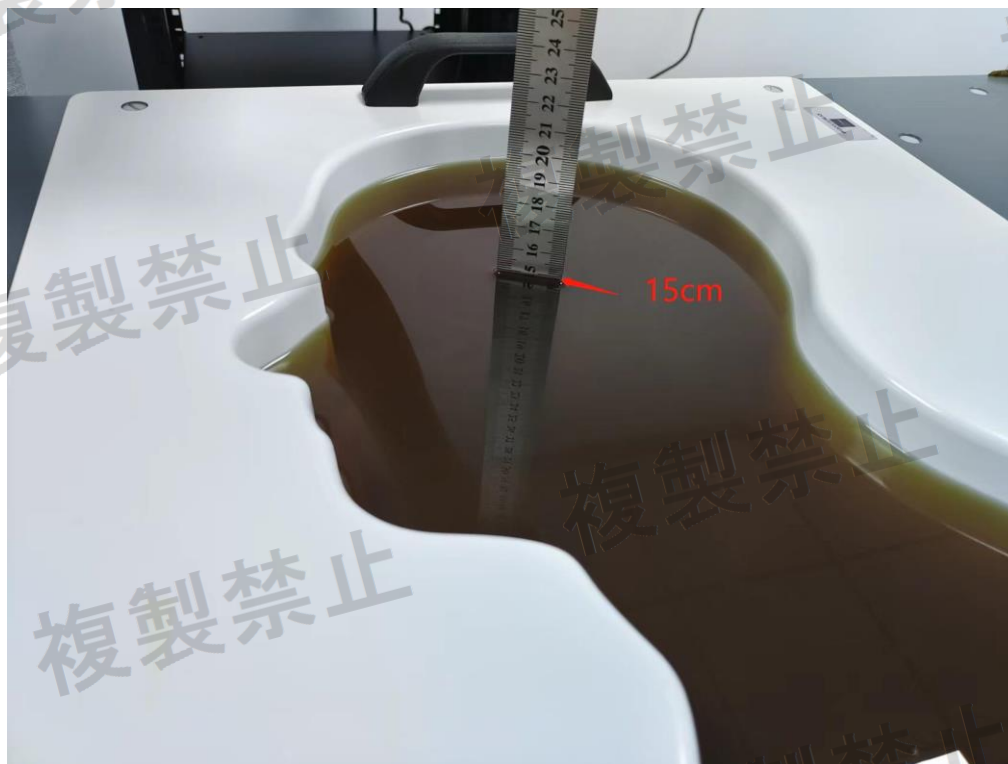


Bottom Edge

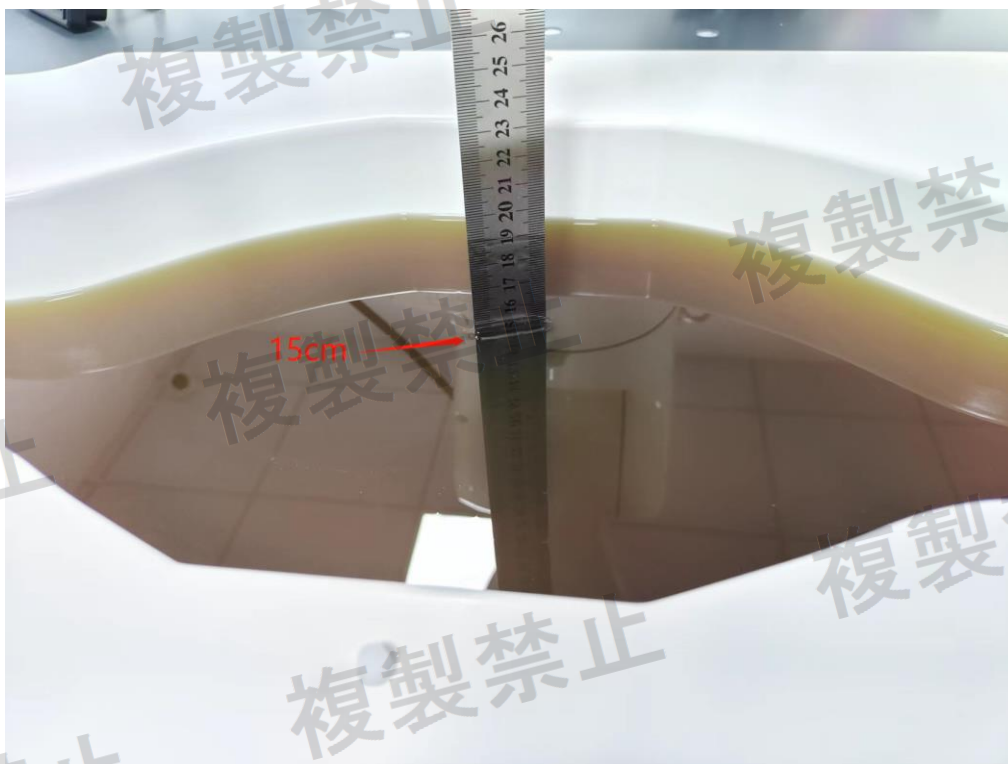




Liquid depth (15 cm)



Liquid depth (15 cm)





11. SAR Result Summary

11.1 Head 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.
LTE Band 1	20MHz BW, 1RB Offset 0	Right Cheek	1950	0.211	-2.54	23.40	22.95	0.234	/
		Right Tilt	1950	0.187	3.31	23.40	22.95	0.207	/
		Left Cheek	1950	0.376	-2.09	23.40	22.95	0.417	1
		Left Tilt	1950	0.331	3.63	23.40	22.95	0.367	/
LTE Band 3	20MHz BW, 1RB Offset 0	Right Cheek	1775	0.104	3.50	24.00	23.61	0.114	/
		Right Tilt	1775	0.090	1.23	24.00	23.61	0.098	/
		Left Cheek	1775	0.181	3.06	24.00	23.61	0.198	3
		Left Tilt	1775	0.162	-1.05	24.00	23.61	0.177	/
LTE Band 5	10MHz BW, 12RB Offset 0	Right Cheek	840	0.329	-2.37	23.20	22.80	0.361	/
		Right Tilt	840	0.289	3.75	23.20	22.80	0.317	/
		Left Cheek	840	0.468	3.43	23.20	22.80	0.513	5
		Left Tilt	840	0.415	3.61	23.20	22.80	0.455	/
LTE Band 8	10MHz BW, 12RB Offset 0	Right Cheek	905	0.383	-1.13	23.40	23.00	0.420	7
		Right Tilt	905	0.337	1.51	23.40	23.00	0.370	/
		Left Cheek	905	0.180	2.53	23.40	23.00	0.197	/
		Left Tilt	905	0.160	-1.59	23.40	23.00	0.175	/
LTE Band 18	15MHz BW, 12RB Offset 0	Right Cheek	822.5	0.077	-2.96	24.20	23.77	0.085	/
		Right Tilt	822.5	0.068	0.90	24.20	23.77	0.075	/
		Left Cheek	822.5	0.111	-0.86	24.20	23.77	0.123	9
		Left Tilt	822.5	0.098	0.09	24.20	23.77	0.108	/
LTE Band 19	15MHz BW, 12RB Offset 0	Right Cheek	837.5	0.337	0.26	24.10	23.72	0.368	/
		Right Tilt	837.5	0.295	-3.66	24.10	23.72	0.322	/
		Left Cheek	837.5	0.482	-2.76	24.10	23.72	0.526	11
		Left Tilt	837.5	0.425	1.76	24.10	23.72	0.464	/
LTE Band 26	15MHz BW, 1RB Offset 0	Right Cheek	830	0.184	-1.37	24.20	23.82	0.201	/
		Right Tilt	830	0.162	-1.63	24.20	23.82	0.177	/
		Left Cheek	830	0.264	-0.96	24.20	23.82	0.288	13
		Left Tilt	830	0.233	3.46	24.20	23.82	0.254	/
LTE Band 28	20MHz BW, 1RB Offset 0	Right Cheek	733	0.360	0.81	21.00	20.58	0.397	/
		Right Tilt	733	0.320	-0.58	21.00	20.58	0.352	/
		Left Cheek	733	0.518	2.45	21.00	20.58	0.571	15
		Left Tilt	733	0.456	-0.34	21.00	20.58	0.502	/
LTE Band 34	15MHz BW, 16RB Offset 0	Right Cheek	2017.5	0.323	1.49	22.70	22.29	0.355	/
		Right Tilt	2017.5	0.287	2.21	22.70	22.29	0.315	/
		Left Cheek	2017.5	0.572	1.19	22.70	22.29	0.629	17
		Left Tilt	2017.5	0.504	1.82	22.70	22.29	0.554	/
LTE Band 38	20MHz BW, 1RB Offset 0	Right Cheek	2610	0.215	0.90	21.90	21.53	0.234	/
		Right Tilt	2610	0.190	1.34	21.90	21.53	0.207	/
		Left Cheek	2610	0.377	1.68	21.90	21.53	0.411	19
		Left Tilt	2610	0.334	-2.82	21.90	21.53	0.364	/
LTE Band	10MHz	Right Cheek	1911.6	0.215	3.66	16.30	15.82	0.240	/



39	BW, 1RB Offset 0	Right Tilt	1911.6	0.187	3.65	16.30	15.82	0.209	/
		Left Cheek	1911.6	0.309	0.71	16.30	15.82	0.345	21
		Left Tilt	1911.6	0.271	-3.14	16.30	15.82	0.303	/
LTE Band 41	20MHz BW, 1RB Offset 0	Right Cheek	2645	0.152	-3.74	25.20	24.70	0.171	/
		Right Tilt	2645	0.135	-2.38	25.20	24.70	0.151	/
		Left Cheek	2645	0.272	3.58	25.20	24.70	0.305	23
		Left Tilt	2645	0.237	-0.75	25.20	24.70	0.266	/
LTE Band 42	20MHz BW, 1RB Offset 0	Right Cheek	3590	0.555	3.23	23.50	23.00	0.623	/
		Right Tilt	3590	0.489	-1.54	23.50	23.00	0.549	/
		Left Cheek	3590	0.853	-1.10	23.50	22.55	1.062	/
		Left Cheek	3590	0.811	-3.99	23.50	22.65	0.986	/
		Left Tilt	3590	0.874	-1.95	23.50	23.00	0.981	/
SA N1	20MHz 50RB offset 0	Right Cheek	1970	0.085	1.80	25.00	24.73	0.090	/
		Right Tilt	1970	0.074	-0.79	25.00	24.73	0.079	/
		Left Cheek	1970	0.144	0.43	25.00	24.73	0.153	27
		Left Tilt	1970	0.130	-3.91	25.00	24.73	0.138	/
SA N3	20MHz 1RB offset 0	Right Cheek	1725	0.110	-2.29	24.70	24.29	0.121	/
		Right Tilt	1725	0.098	-0.53	24.70	24.29	0.108	/
		Left Cheek	1725	0.191	-3.59	24.70	24.29	0.210	29
		Left Tilt	1725	0.171	3.65	24.70	24.29	0.188	/
SA N8	15MHz 1RB offset 0	Right Cheek	890	0.259	-2.83	22.70	22.45	0.274	/
		Right Tilt	890	0.230	2.77	22.70	22.45	0.244	/
		Left Cheek	890	0.368	-2.49	22.70	22.45	0.390	31
		Left Tilt	890	0.323	3.95	22.70	22.45	0.342	/
SA N18	20MHz 50RB offset 0	Right Cheek	822.5	0.127	-1.95	23.40	23.05	0.138	/
		Right Tilt	822.5	0.115	-3.26	23.40	23.05	0.125	/
		Left Cheek	822.5	0.177	-0.97	23.40	23.05	0.192	33
		Left Tilt	822.5	0.157	0.81	23.40	23.05	0.170	/
SA N26	20MHz 50RB offset 0	Right Cheek	852	0.127	-1.67	23.70	23.44	0.135	/
		Right Tilt	852	0.111	3.73	23.70	23.44	0.118	/
		Left Cheek	852	0.182	-2.50	23.70	23.44	0.193	35
		Left Tilt	852	0.164	-2.98	23.70	23.44	0.174	/
SA N28	20MHz 1RB offset 0	Right Cheek	713	0.326	1.58	24.20	23.85	0.353	/
		Right Tilt	713	0.286	-0.45	24.20	23.85	0.310	/
		Left Cheek	713	0.466	-1.74	24.20	23.85	0.505	37
		Left Tilt	713	0.411	-0.52	24.20	23.85	0.445	/
SA N41	100MHz 135RB offset 0	Right Cheek	2496	0.060	3.51	25.10	24.65	0.067	/
		Right Tilt	2496	0.056	3.33	25.10	24.65	0.062	/
		Left Cheek	2496	0.102	1.31	25.10	24.65	0.113	39
		Left Tilt	2496	0.090	2.06	25.10	24.65	0.100	/
SA N77	100MHz 135RB offset 0	Right Cheek	3750	0.302	1.24	24.40	23.99	0.332	/
		Right Tilt	3750	0.270	-3.58	24.40	23.99	0.297	/
		Left Cheek	3750	0.537	-1.47	24.40	23.99	0.590	41
		Left Tilt	3750	0.474	2.36	24.40	23.99	0.521	/
SA N78	100MHz 135RB offset 0	Right Cheek	3450	0.347	0.76	25.50	25.10	0.380	/
		Right Tilt	3450	0.307	0.27	25.50	25.10	0.337	/
		Left Cheek	3450	0.614	-1.59	25.50	25.10	0.673	43



		Left Tilt	3450	0.540	0.44	25.50	25.10	0.592	/
2.4G WLAN ANT 1	802.11b	Right Cheek	2442	0.060	3.95	15.30	14.97	0.065	/
		Right Tilt	2442	0.052	-2.04	15.30	14.97	0.056	/
		Left Cheek	2442	0.067	-2.19	15.30	14.97	0.072	45
		Left Tilt	2442	0.059	-3.49	15.30	14.97	0.064	/
2.4G WLAN ANT 2	802.11b	Right Cheek	2442	0.083	3.44	13.80	13.52	0.089	/
		Right Tilt	2442	0.071	-0.36	13.80	13.52	0.076	/
		Left Cheek	2442	0.130	-0.85	13.80	13.52	0.139	47
		Left Tilt	2442	0.116	-1.24	13.80	13.52	0.124	/
2.4G WLAN MIMO 1	802.11ax- HE40	Right Cheek	2442	0.047	-3.95	14.10	13.83	0.050	/
		Right Tilt	2442	0.041	-0.82	14.10	13.83	0.044	/
		Left Cheek	2442	0.078	0.30	14.10	13.83	0.083	49
		Left Tilt	2442	0.070	-3.16	14.10	13.83	0.074	/
2.4G WLAN MIMO 2	802.11ax- HE40	Right Cheek	2442	0.047	-0.73	14.10	13.83	0.050	/
		Right Tilt	2442	0.041	-1.87	14.10	13.83	0.044	/
		Left Cheek	2442	0.077	0.07	14.10	13.83	0.082	51
		Left Tilt	2442	0.070	2.45	14.10	13.83	0.074	/
5.2G WLAN ANT 1	802.11a	Right Cheek	5180	0.035	2.51	12.10	11.79	0.038	/
		Right Tilt	5180	0.030	-1.14	12.10	11.79	0.032	/
		Left Cheek	5180	0.064	-0.35	12.10	11.79	0.069	53
		Left Tilt	5180	0.060	1.36	12.10	11.79	0.064	/
5.2G WLAN ANT 2	802.11a	Right Cheek	5180	0.095	-3.90	13.40	13.11	0.102	/
		Right Tilt	5180	0.084	-2.80	13.40	13.11	0.090	/
		Left Cheek	5180	0.169	-3.18	13.40	13.11	0.181	55
		Left Tilt	5180	0.149	-3.95	13.40	13.11	0.159	/
5.2G WLAN MIMO 1	802.11n- HT20	Right Cheek	5180	0.034	-1.87	12.80	12.48	0.037	/
		Right Tilt	5180	0.033	-2.85	12.80	12.48	0.036	/
		Left Cheek	5180	0.062	1.24	12.80	12.48	0.067	57
		Left Tilt	5180	0.055	-3.50	12.80	12.48	0.059	/
5.2G WLAN MIMO 2	802.11n- HT20	Right Cheek	5180	0.034	3.50	12.80	12.48	0.037	/
		Right Tilt	5180	0.029	-3.94	12.80	12.48	0.031	/
		Left Cheek	5180	0.061	3.60	12.80	12.48	0.066	59
		Left Tilt	5180	0.054	2.64	12.80	12.48	0.058	/
5.3G WLAN ANT 1	802.11a	Right Cheek	5320	0.081	3.72	11.70	11.42	0.086	/
		Right Tilt	5320	0.074	-0.22	11.70	11.42	0.079	/
		Left Cheek	5320	0.138	2.41	11.70	11.42	0.147	61
		Left Tilt	5320	0.123	-1.52	11.70	11.42	0.131	/
5.3G WLAN ANT 2	802.11a	Right Cheek	5320	0.176	-2.74	9.90	9.59	0.189	/
		Right Tilt	5320	0.157	-0.33	9.90	9.59	0.169	/
		Left Cheek	5320	0.312	3.77	9.90	9.59	0.335	63
		Left Tilt	5320	0.277	3.07	9.90	9.59	0.297	/
5.3G WLAN MIMO 1	802.11ax- HE	Right Cheek	5290	0.026	0.86	12.50	12.23	0.028	/
		Right Tilt	5290	0.022	-2.57	12.50	12.23	0.023	/
		Left Cheek	5290	0.045	-2.90	12.50	12.23	0.048	65
		Left Tilt	5290	0.038	-0.59	12.50	12.23	0.040	/
5.3G WLAN MIMO 2	802.11ax- HE	Right Cheek	5290	0.034	1.19	12.50	12.23	0.036	/
		Right Tilt	5290	0.030	1.15	12.50	12.23	0.032	/
		Left Cheek	5290	0.055	-0.02	12.50	12.23	0.059	67



5.6G WLAN ANT 1	802.11a	Left Tilt	5290	0.050	-0.49	12.50	12.23	0.053	/
		Right Cheek	5500	0.035	2.91	13.20	12.86	0.038	/
		Right Tilt	5500	0.033	-3.33	13.20	12.86	0.036	/
		Left Cheek	5500	0.062	0.36	13.20	12.86	0.067	69
5.6G WLAN ANT 2	802.11a	Left Tilt	5500	0.056	2.47	13.20	12.86	0.061	/
		Right Cheek	5500	0.042	1.52	11.80	11.52	0.045	/
		Right Tilt	5500	0.036	-3.16	11.80	11.52	0.038	/
		Left Cheek	5500	0.069	1.25	11.80	11.52	0.074	71
5.6G WLAN MIMO 1	802.11ax- HE	Left Tilt	5500	0.062	1.37	11.80	11.52	0.066	/
		Right Cheek	5530	0.056	-2.58	13.20	12.90	0.060	/
		Right Tilt	5530	0.048	-2.42	13.20	12.90	0.051	/
		Left Cheek	5530	0.094	1.30	13.20	12.90	0.101	73
5.6G WLAN MIMO 2	802.11ax- HE	Left Tilt	5530	0.082	-0.41	13.20	12.90	0.088	/
		Right Cheek	5530	0.020	2.27	13.20	12.90	0.021	/
		Right Tilt	5530	0.019	2.96	13.20	12.90	0.020	/
		Left Cheek	5530	0.034	-1.54	13.20	12.90	0.036	75
BT	GFSK	Left Tilt	5530	0.030	0.08	13.20	12.90	0.032	/
		Right Cheek	2441	0.050	2.65	7.00	6.67	0.054	/
		Right Tilt	2441	0.043	2.51	7.00	6.67	0.046	/
		Left Cheek	2441	0.085	1.78	7.00	6.67	0.092	77
BT	GFSK	Left Tilt	2441	0.078	-0.26	7.00	6.67	0.084	/

Band	Mode	Max SAR	WIFI MIMO
		(W/Kg)	
2.4G WLAN	802.11ax-HE40	0.083	0.165
	802.11ax-HE40	0.082	
5.2G WLAN	802.11n-HT20	0.067	0.133
	802.11n-HT20	0.066	
5.3G WLAN	802.11ax-HE	0.048	0.107
	802.11ax-HE	0.059	
5.6G WLAN	802.11ax-HE	0.101	0.137
	802.11ax-HE	0.036	



NSA

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.
SA N41	100MHz 135RB offset 0	Right Cheek	2496	0.060	3.51	25.10	24.65	0.067	/
		Right Tilt	2496	0.056	3.33	25.10	24.65	0.062	/
		Left Cheek	2496	0.102	1.31	25.10	24.65	0.113	39
		Left Tilt	2496	0.090	2.06	25.10	24.65	0.100	/
LTE Band 5	10MHz BW, 12RB Offset 0	Right Cheek	840	0.329	2.25	23.20	22.80	0.361	/
		Right Tilt	840	0.289	3.55	23.20	22.80	0.317	/
		Left Cheek	840	0.468	-3.56	23.20	22.80	0.513	5
		Left Tilt	840	0.415	0.30	23.20	22.80	0.455	/

Band	Mode	Max SAR (W/Kg)	NSA N41+B5
NSA N41+B5	SA N41	0.113	0.626
	LTE B5	0.513	

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.
SA N78	100MHz 135RB offset 0	Right Cheek	3450	0.347	0.76	25.50	25.10	0.380	/
		Right Tilt	3450	0.307	0.27	25.50	25.10	0.337	/
		Left Cheek	3450	0.614	-1.59	25.50	25.10	0.673	43
		Left Tilt	3450	0.540	0.44	25.50	25.10	0.592	/
LTE Band 3	20MHz BW, 1RB Offset 0	Right Cheek	1775	0.104	3.50	24.00	23.61	0.114	/
		Right Tilt	1775	0.090	1.23	24.00	23.61	0.098	/
		Left Cheek	1775	0.181	3.06	24.00	23.61	0.198	3
		Left Tilt	1775	0.162	-1.05	24.00	23.61	0.177	/

Band	Mode	Max SAR (W/Kg)	NSA N78+B3
NSA N78+B3	SA N78	0.673	0.871
	LTE B3	0.198	



11.2 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.
LTE Band 1	20MHz BW, 1RB Offset 0	Front Side	1950	0.597	-2.68	23.40	22.95	0.662	/
		Back Side	1950	0.681	-1.27	23.40	22.95	0.755	/
		Left Edge	1950	0.115	-3.47	23.40	22.95	0.128	/
		Right Edge	1950	0.131	1.56	23.40	22.95	0.145	/
		Top Edge	1950	0.067	-3.96	23.40	22.95	0.074	/
		Bottom Edge	1930	0.897	1.48	23.40	22.48	1.109	2
		Bottom Edge	1950	0.934	-0.11	23.40	22.95	1.036	/
		Bottom Edge	1970	0.855	-0.61	23.40	22.72	1.000	/
LTE Band 3	20MHz BW, 1RB Offset 0	Front Side	1775	0.650	-2.88	24.00	23.61	0.711	/
		Back Side	1775	0.758	-2.66	24.00	23.61	0.829	/
		Left Edge	1775	0.141	2.48	24.00	23.61	0.154	/
		Right Edge	1775	0.167	2.23	24.00	23.61	0.183	/
		Top Edge	1775	0.018	-2.93	24.00	23.61	0.020	/
		Bottom Edge	1775	0.859	-1.02	24.00	22.84	1.122	/
		Bottom Edge	1775	0.958	2.78	24.00	23.42	1.095	/
		Bottom Edge	1775	1.073	-3.77	24.00	23.61	1.174	4
LTE Band 5	10MHz BW, 1RB Offset 0	Front Side	840	0.278	2.80	23.20	22.80	0.305	/
		Back Side	840	0.309	-2.22	23.20	22.80	0.339	6
		Left Edge	840	0.187	-1.29	23.20	22.80	0.205	/
		Right Edge	840	0.231	-0.90	23.20	22.80	0.253	/
		Top Edge	840	0.045	-1.49	23.20	22.80	0.049	/
		Bottom Edge	840	0.187	3.03	23.20	22.80	0.205	/
LTE Band 8	10MHz BW, 1RB Offset 0	Front Side	905	0.297	-0.50	23.40	23.00	0.326	/
		Back Side	905	0.357	1.04	23.40	23.00	0.391	8
		Left Edge	905	0.215	2.64	23.40	23.00	0.236	/
		Right Edge	905	0.269	-3.85	23.40	23.00	0.295	/
		Top Edge	905	0.051	3.90	23.40	23.00	0.056	/
		Bottom Edge	905	0.220	-0.63	23.40	23.00	0.241	/
LTE Band 18	15MHz BW, 1RB Offset 0	Front Side	822.5	0.270	-1.83	24.20	23.77	0.298	/
		Back Side	822.5	0.299	-2.79	24.20	23.77	0.330	10
		Left Edge	822.5	0.179	3.04	24.20	23.77	0.198	/
		Right Edge	822.5	0.227	-1.79	24.20	23.77	0.251	/
		Top Edge	822.5	0.040	0.32	24.20	23.77	0.044	/
		Bottom Edge	822.5	0.182	0.40	24.20	23.77	0.201	/
LTE Band 19	15MHz BW, 1RB Offset 0	Front Side	837.5	0.274	1.71	24.10	23.72	0.299	/
		Back Side	837.5	0.302	2.35	24.10	23.72	0.330	12
		Left Edge	837.5	0.184	-3.36	24.10	23.72	0.201	/
		Right Edge	837.5	0.228	3.57	24.10	23.72	0.249	/
		Top Edge	837.5	0.044	-2.79	24.10	23.72	0.048	/
		Bottom Edge	837.5	0.185	3.22	24.10	23.72	0.202	/
LTE Band 26	15MHz BW, 1RB Offset 0	Front Side	830	0.253	1.06	24.20	23.82	0.276	/
		Back Side	830	0.282	-3.95	24.20	23.82	0.308	14
		Left Edge	830	0.174	0.92	24.20	23.82	0.190	/
		Right Edge	830	0.213	0.99	24.20	23.82	0.232	/
		Top Edge	830	0.042	0.56	24.20	23.82	0.046	/



LTE Band 28	20MHz BW, 1RB Offset 0	Bottom Edge	830	0.173	-2.08	24.20	23.82	0.189	/
		Front Side	733	0.311	1.13	21.00	20.58	0.343	16
		Back Side	733	0.278	0.72	21.00	20.58	0.306	/
		Left Edge	733	0.171	-1.33	21.00	20.58	0.188	/
		Right Edge	733	0.209	0.81	21.00	20.58	0.230	/
		Top Edge	733	0.041	-3.06	21.00	20.58	0.045	/
		Bottom Edge	733	0.169	1.28	21.00	20.58	0.186	/
LTE Band 34	15MHz BW, 16RB Offset 0	Front Side	2017.5	0.566	0.41	22.70	22.29	0.622	/
		Back Side	2017.5	0.648	2.55	22.70	22.29	0.712	/
		Left Edge	2017.5	0.108	1.44	22.70	22.29	0.119	/
		Right Edge	2017.5	0.124	-0.12	22.70	22.29	0.136	/
		Top Edge	2017.5	0.065	-3.30	22.70	22.29	0.071	/
		Bottom Edge	2017.5	0.884	1.94	22.70	22.29	0.972	18
LTE Band 38	20MHz BW, 1RB Offset 0	Front Side	2610	0.630	-1.78	21.90	21.53	0.686	/
		Back Side	2610	0.715	-2.80	21.90	21.53	0.779	/
		Left Edge	2610	0.119	2.61	21.90	21.53	0.130	/
		Right Edge	2610	0.138	-3.48	21.90	21.53	0.150	/
		Top Edge	2610	0.073	-1.83	21.90	21.53	0.079	/
		Bottom Edge	2580	0.780	-2.78	21.90	21.20	0.916	/
		Bottom Edge	2595	0.907	3.23	21.90	21.42	1.013	/
LTE Band 39	15MHz BW, 1RB Offset 0	Bottom Edge	2610	0.979	-1.16	21.90	21.53	1.066	20
		Front Side	1911.6	0.534	1.32	16.30	15.82	0.596	/
		Back Side	1911.6	0.594	-2.37	16.30	15.82	0.663	22
		Left Edge	1911.6	0.357	-2.46	16.30	15.82	0.399	/
		Right Edge	1911.6	0.444	2.68	16.30	15.82	0.496	/
		Top Edge	1911.6	0.086	-2.61	16.30	15.82	0.096	/
LTE Band 41	20MHz BW, 1RB Offset 0	Bottom Edge	1911.6	0.358	1.97	16.30	15.82	0.400	/
		Front Side	2645	0.674	-0.28	25.20	24.70	0.756	/
		Back Side	2645	0.772	0.99	25.20	24.70	0.866	/
		Left Edge	2645	0.127	-3.74	25.20	24.70	0.142	/
		Right Edge	2645	0.150	-0.39	25.20	24.70	0.168	/
		Top Edge	2645	0.078	-2.83	25.20	24.70	0.088	/
		Bottom Edge	2555	0.879	1.23	25.20	23.95	1.172	/
LTE Band 42	20MHz BW, 1RB Offset 0	Bottom Edge	2600	0.948	-3.04	25.20	24.48	1.119	/
		Bottom Edge	2645	1.056	-3.62	25.20	24.70	1.185	24
		Front Side	3590	0.127	-2.22	23.50	23.00	0.142	/
		Back Side	3590	0.142	-2.11	23.50	23.00	0.159	/
		Left Edge	3590	0.024	2.27	23.50	23.00	0.027	/
		Right Edge	3590	0.029	0.06	23.50	23.00	0.033	/
SA N1	20MHz 50RB offset 0	Top Edge	3590	0.015	-3.97	23.50	23.00	0.017	/
		Bottom Edge	3590	0.194	-2.76	23.50	23.00	0.218	26
		Front Side	1970	0.851	3.04	25.00	24.73	0.906	/
		Back Side	1930	0.906	2.84	25.00	24.63	0.987	/
		Back Side	1950	0.953	-0.78	25.00	24.67	1.028	/
		Back Side	1970	0.988	-3.60	25.00	24.73	1.051	/
		Left Edge	1970	0.128	-3.70	25.00	24.73	0.136	/
		Right Edge	1970	0.169	3.46	25.00	24.73	0.180	/
		Top Edge	1970	0.075	-3.77	25.00	24.73	0.080	/
		Bottom Edge	1930	1.28	2.23	25.00	24.63	1.394	/
		Bottom Edge	1950	1.342	1.43	25.00	24.67	1.448	/
		Bottom Edge	1970	1.388	2.46	25.00	24.73	1.477	28



SA N3	20MHz 1RB offset 0	Front Side	1725	0.849	1.34	24.70	24.29	0.933	/
		Back Side	1725	0.967	-1.79	24.70	24.29	1.063	/
		Back Side	1747.5	0.908	1.10	24.70	24.23	1.012	/
		Back Side	1770	0.876	-0.73	24.70	24.20	0.983	/
		Left Edge	1725	0.162	-0.90	24.70	24.29	0.178	/
		Right Edge	1725	0.185	-0.13	24.70	24.29	0.203	/
		Top Edge	1725	0.093	2.45	24.70	24.29	0.102	/
		Bottom Edge	1725	1.323	-2.02	24.70	24.29	1.454	30
		Bottom Edge	1747.5	1.243	0.70	24.70	24.23	1.385	/
		Bottom Edge	1770	1.194	1.33	24.70	24.20	1.340	/
SA N8	20MHz 50RB offset 0	Front Side	890	0.270	0.75	22.70	22.45	0.286	/
		Back Side	890	0.299	-1.73	22.70	22.45	0.317	32
		Left Edge	890	0.182	-1.64	22.70	22.45	0.193	/
		Right Edge	890	0.227	-3.13	22.70	22.45	0.240	/
		Top Edge	890	0.042	3.34	22.70	22.45	0.044	/
		Bottom Edge	890	0.180	-3.85	22.70	22.45	0.191	/
SA N18	20MHz 50RB offset 0	Front Side	822.5	0.213	2.72	23.40	23.05	0.231	/
		Back Side	822.5	0.237	3.92	23.40	23.05	0.257	34
		Left Edge	822.5	0.145	-2.03	23.40	23.05	0.157	/
		Right Edge	822.5	0.178	3.47	23.40	23.05	0.193	/
		Top Edge	822.5	0.037	3.05	23.40	23.05	0.040	/
		Bottom Edge	822.5	0.146	1.74	23.40	23.05	0.158	/
SA N26	20MHz 50RB offset 0	Front Side	852	0.233	-3.93	23.70	23.44	0.247	/
		Back Side	852	0.255	0.51	23.70	23.44	0.271	36
		Left Edge	852	0.157	0.85	23.70	23.44	0.167	/
		Right Edge	852	0.193	-1.06	23.70	23.44	0.205	/
		Top Edge	852	0.038	2.54	23.70	23.44	0.040	/
		Bottom Edge	852	0.157	-2.47	23.70	23.44	0.167	/
SA N28	20MHz 50RB offset 0	Front Side	713	0.257	-3.70	24.20	23.85	0.279	/
		Back Side	713	0.283	0.84	24.20	23.85	0.307	38
		Left Edge	713	0.171	-3.01	24.20	23.85	0.185	/
		Right Edge	713	0.215	2.03	24.20	23.85	0.233	/
		Top Edge	713	0.042	3.24	24.20	23.85	0.046	/
		Bottom Edge	713	0.172	-0.51	24.20	23.85	0.186	/
SA N41	20MHz 1RB offset 0	Front Side	2496	0.485	-3.97	25.10	24.65	0.538	/
		Back Side	2496	0.555	-0.16	25.10	24.65	0.616	/
		Left Edge	2496	0.093	-3.81	25.10	24.65	0.103	/
		Right Edge	2496	0.106	-0.24	25.10	24.65	0.118	/
		Top Edge	2496	0.055	0.52	25.10	24.65	0.061	/
		Bottom Edge	2496	0.756	-2.05	25.10	24.65	0.839	40
SA N77	100MHz 135RB offset 0	Front Side	3750	0.217	-3.19	24.40	23.99	0.238	/
		Back Side	3750	0.366	2.00	24.40	23.99	0.402	/
		Left Edge	3750	0.393	1.67	24.40	23.99	0.432	/
		Right Edge	3750	0.078	-2.77	24.40	23.99	0.086	/
		Top Edge	3750	0.455	-0.65	24.40	23.99	0.500	42
		Bottom Edge	3750	0.182	-1.86	24.40	23.99	0.200	/
SA N78	100MHz 135RB offset 0	Front Side	3450	0.183	3.86	25.50	25.10	0.201	/
		Back Side	3450	0.308	2.29	25.50	25.10	0.338	/
		Left Edge	3450	0.332	-3.85	25.50	25.10	0.364	/
		Right Edge	3450	0.063	-2.92	25.50	25.10	0.069	/
		Top Edge	3450	0.382	1.88	25.50	25.10	0.419	44



2.4G WLAN ANT 1	802.11b	Bottom Edge	3450	0.032	1.57	25.50	25.10	0.035	/
		Front Side	2442	0.201	3.43	15.30	14.97	0.217	/
		Back Side	2442	0.325	3.82	15.30	14.97	0.351	46
		Left Edge	2442	0.056	-2.40	15.30	14.97	0.060	/
		Right Edge	2442	0.154	2.88	15.30	14.97	0.166	/
		Top Edge	2442	0.085	2.26	15.30	14.97	0.092	/
		Bottom Edge	2442	0.028	-1.49	15.30	14.97	0.030	/
2.4G WLAN ANT 2	802.11b	Front Side	2442	0.213	-0.38	13.80	13.52	0.227	/
		Back Side	2442	0.318	0.70	13.80	13.52	0.339	48
		Left Edge	2442	0.054	3.22	13.80	13.52	0.058	/
		Right Edge	2442	0.222	0.16	13.80	13.52	0.237	/
		Top Edge	2442	0.050	-1.42	13.80	13.52	0.053	/
		Bottom Edge	2442	0.042	-3.42	13.80	13.52	0.045	/
2.4G WLAN MIMO 1	802.11ax- HE40	Front Side	2442	0.018	1.55	14.10	13.83	0.019	/
		Back Side	2442	0.023	-1.73	14.10	13.83	0.024	50
		Left Edge	2442	0.004	3.69	14.10	13.83	0.004	/
		Right Edge	2442	0.016	2.41	14.10	13.83	0.017	/
		Top Edge	2442	0.008	3.38	14.10	13.83	0.009	/
		Bottom Edge	2442	0.006	1.43	14.10	13.83	0.006	/
2.4G WLAN MIMO 2	802.11ax- HE40	Front Side	2442	0.029	0.49	14.10	13.83	0.031	/
		Back Side	2442	0.038	-0.84	14.10	13.83	0.040	52
		Left Edge	2442	0.004	-0.31	14.10	13.83	0.004	/
		Right Edge	2442	0.027	2.10	14.10	13.83	0.029	/
		Top Edge	2442	0.013	-0.39	14.10	13.83	0.014	/
		Bottom Edge	2442	0.011	3.14	14.10	13.83	0.012	/
5.2G WLAN ANT 1	802.11a	Front Side	5180	0.033	-2.95	12.10	11.79	0.035	/
		Back Side	5180	0.041	2.43	12.10	11.79	0.044	54
		Left Edge	5180	0.004	3.21	12.10	11.79	0.004	/
		Right Edge	5180	0.028	-1.23	12.10	11.79	0.030	/
		Top Edge	5180	0.013	-1.44	12.10	11.79	0.014	/
		Bottom Edge	5180	0.007	-3.09	12.10	11.79	0.008	/
5.2G WLAN ANT 2	802.11a	Front Side	5180	0.059	-2.34	13.40	13.11	0.063	/
		Back Side	5180	0.077	1.47	13.40	13.11	0.082	56
		Left Edge	5180	0.006	-3.75	13.40	13.11	0.006	/
		Right Edge	5180	0.050	-1.03	13.40	13.11	0.053	/
		Top Edge	5180	0.022	-3.88	13.40	13.11	0.024	/
		Bottom Edge	5180	0.014	3.07	13.40	13.11	0.015	/
5.2G WLAN MIMO 1	802.11n- HT20	Front Side	5180	0.029	1.07	12.80	12.48	0.031	/
		Back Side	5180	0.034	1.69	12.80	12.48	0.037	58
		Left Edge	5180	0.007	3.30	12.80	12.48	0.008	/
		Right Edge	5180	0.021	-1.03	12.80	12.48	0.023	/
		Top Edge	5180	0.010	-3.90	12.80	12.48	0.011	/
		Bottom Edge	5180	0.007	-0.08	12.80	12.48	0.008	/
5.2G WLAN MIMO 2	802.11n- HT20	Front Side	5180	0.041	0.99	12.80	12.48	0.044	/
		Back Side	5180	0.050	3.65	12.80	12.48	0.054	60
		Left Edge	5180	0.006	-0.39	12.80	12.48	0.006	/
		Right Edge	5180	0.031	2.21	12.80	12.48	0.033	/
		Top Edge	5180	0.015	1.67	12.80	12.48	0.016	/



5.3G WLAN ANT 1	802.11a	Bottom Edge	5180	0.011	3.14	12.80	12.48	0.012	/
		Front Side	5320	0.045	-3.67	11.70	11.42	0.048	/
		Back Side	5320	0.055	2.15	11.70	11.42	0.059	62
		Left Edge	5320	0.005	2.63	11.70	11.42	0.005	/
		Right Edge	5320	0.035	0.12	11.70	11.42	0.037	/
		Top Edge	5320	0.015	-2.48	11.70	11.42	0.016	/
5.3G WLAN ANT 2	802.11a	Bottom Edge	5320	0.012	1.77	11.70	11.42	0.013	/
		Front Side	5320	0.048	-1.84	9.90	9.59	0.052	/
		Back Side	5320	0.063	2.25	9.90	9.59	0.068	64
		Left Edge	5320	0.009	-0.92	9.90	9.59	0.010	/
		Right Edge	5320	0.039	2.48	9.90	9.59	0.042	/
		Top Edge	5320	0.019	-1.98	9.90	9.59	0.020	/
5.3G WLAN MIMO 1	802.11ax- HE	Bottom Edge	5320	0.011	-1.01	9.90	9.59	0.012	/
		Front Side	5290	0.053	2.78	12.50	12.23	0.056	/
		Back Side	5290	0.068	0.38	12.50	12.23	0.072	66
		Left Edge	5290	0.006	1.44	12.50	12.23	0.006	/
		Right Edge	5290	0.043	0.92	12.50	12.23	0.046	/
		Top Edge	5290	0.021	1.24	12.50	12.23	0.022	/
5.3G WLAN MIMO 2	802.11ax- HE	Bottom Edge	5290	0.015	2.23	12.50	12.23	0.016	/
		Front Side	5290	0.042	3.88	12.50	12.23	0.045	/
		Back Side	5290	0.056	3.50	12.50	12.23	0.060	68
		Left Edge	5290	0.004	1.51	12.50	12.23	0.004	/
		Right Edge	5290	0.036	-2.73	12.50	12.23	0.038	/
		Top Edge	5290	0.018	3.29	12.50	12.23	0.019	/
5.6G WLAN ANT 1	802.11a	Bottom Edge	5290	0.013	-1.03	12.50	12.23	0.014	/
		Front Side	5500	0.035	1.34	13.20	12.86	0.038	/
		Back Side	5500	0.042	-3.35	13.20	12.86	0.045	70
		Left Edge	5500	0.004	1.53	13.20	12.86	0.004	/
		Right Edge	5500	0.027	-0.22	13.20	12.86	0.029	/
		Top Edge	5500	0.011	2.67	13.20	12.86	0.012	/
5.6G WLAN ANT 2	802.11a	Bottom Edge	5500	0.008	1.81	13.20	12.86	0.009	/
		Front Side	5500	0.044	-0.79	11.80	11.52	0.047	/
		Back Side	5500	0.058	0.36	11.80	11.52	0.062	72
		Left Edge	5500	0.008	3.93	11.80	11.52	0.009	/
		Right Edge	5500	0.036	-1.67	11.80	11.52	0.038	/
		Top Edge	5500	0.016	0.96	11.80	11.52	0.017	/
5.6G WLAN MIMO 1	802.11ax- HE	Bottom Edge	5500	0.010	3.18	11.80	11.52	0.011	/
		Front Side	5530	0.046	-0.56	13.20	12.90	0.049	/
		Back Side	5530	0.056	-2.60	13.20	12.90	0.060	74
		Left Edge	5530	0.005	1.37	13.20	12.90	0.005	/
		Right Edge	5530	0.035	-0.16	13.20	12.90	0.038	/
		Top Edge	5530	0.017	3.36	13.20	12.90	0.018	/
5.6G WLAN MIMO 2	802.11ax- HE	Bottom Edge	5530	0.012	2.23	13.20	12.90	0.013	/
		Front Side	5530	0.044	-0.44	13.20	12.90	0.047	/
		Back Side	5530	0.055	0.93	13.20	12.90	0.059	76
		Left Edge	5530	0.007	-1.08	13.20	12.90	0.008	/
		Right Edge	5530	0.035	3.50	13.20	12.90	0.038	/
		Top Edge	5530	0.017	-3.29	13.20	12.90	0.018	/



BT	GFSK	Bottom Edge	5530	0.012	3.69	13.20	12.90	0.013	/
		Front Side	2441	0.045	-3.81	7.00	6.67	0.049	/
		Back Side	2441	0.059	1.55	7.00	6.67	0.064	78
		Left Edge	2441	0.008	-1.27	7.00	6.67	0.009	/
		Right Edge	2441	0.036	-3.52	7.00	6.67	0.039	/
		Top Edge	2441	0.016	-3.55	7.00	6.67	0.017	/
		Bottom Edge	2441	0.012	3.01	7.00	6.67	0.013	/

Band	Mode	Max SAR	WIFI MIMO
		(W/Kg)	
2.4G WLAN	802.11ax-HE40	0.024	0.064
	802.11ax-HE40	0.040	
5.2G WLAN	802.11n-HT20	0.037	0.091
	802.11n-HT20	0.054	
5.3G WLAN	802.11ax-HE	0.072	0.132
	802.11ax-HE	0.060	
5.6G WLAN	802.11ax-HE	0.060	0.119
	802.11ax-HE	0.059	



NSA

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.
SA N41	20MHz 1RB offset 0	Front Side	2496	0.485	-3.97	25.10	24.65	0.538	/
		Back Side	2496	0.555	-0.16	25.10	24.65	0.616	/
		Left Edge	2496	0.093	-3.81	25.10	24.65	0.103	/
		Right Edge	2496	0.106	-0.24	25.10	24.65	0.118	/
		Top Edge	2496	0.055	0.52	25.10	24.65	0.061	/
		Bottom Edge	2496	0.756	-2.05	25.10	24.65	0.839	40
LTE Band 5	10MHz BW, 1RB Offset 0	Front Side	840	0.278	2.80	23.20	22.80	0.305	/
		Back Side	840	0.309	-2.22	23.20	22.80	0.339	6
		Left Edge	840	0.187	-1.29	23.20	22.80	0.205	/
		Right Edge	840	0.231	-0.90	23.20	22.80	0.253	/
		Top Edge	840	0.045	-1.49	23.20	22.80	0.049	/
		Bottom Edge	840	0.187	3.03	23.20	22.80	0.205	/

Band	Mode	Max SAR (W/Kg)	NSA N41+B5
NSA N41+B5	SA N41	0.839	1.178
	LTE B5	0.339	

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.
SA N78	100MHz 135RB offset 0	Front Side	3450	0.183	3.86	25.90	25.70	0.192	/
		Back Side	3450	0.308	2.29	25.90	25.70	0.323	/
		Left Edge	3450	0.332	-3.85	25.90	25.70	0.348	/
		Right Edge	3450	0.063	-2.92	25.90	25.70	0.066	/
		Top Edge	3450	0.382	1.88	25.90	25.70	0.400	44
		Bottom Edge	3450	0.032	1.57	25.90	25.70	0.034	/
LTE Band 3	20MHz BW, 1RB Offset 0	Front Side	1775	0.650	-2.88	24.00	23.61	0.711	/
		Back Side	1775	0.758	-2.66	24.00	23.61	0.829	/
		Left Edge	1775	0.141	2.48	24.00	23.61	0.154	/
		Right Edge	1775	0.167	2.23	24.00	23.61	0.183	/
		Top Edge	1775	0.018	-2.93	24.00	23.61	0.020	/
		Bottom Edge	1775	0.859	-1.02	24.00	22.84	1.122	/
		Bottom Edge	1775	0.958	2.78	24.00	23.42	1.095	/
		Bottom Edge	1775	1.073	-3.77	24.00	23.61	1.174	4

Band	Mode	Max SAR (W/Kg)	NSA N78+B3
NSA N78+B3	SA N78	0.400	1.574
	LTE B3	1.174	

Note:

1. The test separation of all above table is 5mm.
2. Two SIM card slot can't work at the same time.
3. When the 10g SAR is $\leq 1.0W/kg$, testing for low and high channel is optional.



11.3 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Head	1.LTE+ Bluetooth + 2.4G/5G WLAN
	2.SA+ Bluetooth + 2.4G/5G WLAN
	3.NSA+ Bluetooth + 2.4G/5G WLAN
Body	1.LTE+ Bluetooth + 2.4G/5G WLAN
	2.SA+ Bluetooth + 2.4G/5G WLAN
	3.NSA+ Bluetooth + 2.4G/5G WLAN

Note:

1. The 2.4GHz WLAN and 5GHz WLAN can't simultaneous transmission at the same time.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
3. The reported SAR summation is calculated based on the same configuration and test position.
4. DUT will choose either 4G/5G according to the network signal condition, therefore, 4G/5G will not transmit simultaneously.
5. 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($P_{available}$) is to calculate it from the measured peak spatial-average SAR of the primary transmitter (SAR_1) according to the equation:

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

where:

$P_{th,m}$ 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 $P_{available}$, SAR measurement for the secondary transmitter is not necessary.



Simultaneous Mode	Position	SAR ₁	Secondary transmitter Maximum Average Power		Separation distance	P _{available}	Result
		10g(W/Kg)	dBm	mW	(mm)	mW	
LTE + 2.4GWLAN	Head	0.629	15.30	33.884	5	13.710	Yes
	Body	1.185			5	8.150	Yes
SA + 2.4GWLAN	Head	1.111			5	8.890	Yes
	Body	1.477			5	5.230	Yes
NSA + 2.4GWLAN	Head	0.871			5	11.290	Yes
	Body	1.574			5	4.260	Yes
LTE + 5.2GWLAN	Head	0.629	13.40	21.878	5	13.710	Yes
	Body	1.185			5	8.150	Yes
SA + 5.2GWLAN	Head	1.111			5	8.890	Yes
	Body	1.477			5	5.230	Yes
NSA + 5.2GWLAN	Head	0.871			5	11.290	Yes
	Body	1.574			5	4.260	Yes
LTE + 5.3GWLAN	Head	0.629	12.50	17.783	5	13.710	Yes
	Body	1.185			5	8.150	Yes
SA + 5.3GWLAN	Head	1.111			5	8.890	Yes
	Body	1.477			5	5.230	Yes
NSA + 5.3GWLAN	Head	0.871			5	11.290	Yes
	Body	1.574			5	4.260	Yes
LTE + 5.6GWLAN	Head	0.629	13.20	20.893	5	13.710	Yes
	Body	1.185			5	8.150	Yes
SA + 5.6GWLAN	Head	1.111			5	8.890	Yes
	Body	1.477			5	5.230	Yes
NSA + 5.6GWLAN	Head	0.871			5	11.290	Yes
	Body	1.574			5	4.260	Yes
LTE + BT	Head	0.629	7.00	5.012	5	13.710	No
	Body	1.185			5	8.150	No
SA +BT	Head	1.111			5	8.890	No
	Body	1.477			5	5.230	No
NSA +BT	Head	0.871			5	11.290	No
	Body	1.574			5	4.260	Yes

The worst Simultaneous Mode:

Simultaneous Mode	Position	SAR ₁ 10g(W/Kg)	SAR ₂ 10g(W/Kg)	Secondary transmitter Maximum Average Power		Separation distance (mm)	P _{available} mW	Result
				dBm	mW			
SA + 5.3GWLAN+BT	Head	1.111	0.335	7.000	5.01187	5	5.540	No
NSA + 2.4GWLAN+BT	Body	1.574	0.351	7.000	5.01187	5	0.750	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
LTE + 2.4GWLAN	Head	LTE	0.629	0.794
		2.4GHz WLAN	0.165	
	Body	LTE	1.185	1.536
		2.4GHz WLAN	0.351	
SA + 2.4GWLAN	Head	SA	1.111	1.276
		2.4GHz WLAN	0.165	
	Body	SA	1.477	1.828
		2.4GHz WLAN	0.351	
NSA+ 2.4GWLAN	Head	NSA	0.871	1.036
		2.4GHz WLAN	0.165	
	Body	NSA	1.574	1.925
		2.4GHz WLAN	0.351	
LTE + 5.2GWLAN	Head	LTE	0.629	0.810
		5.2GHz WLAN	0.181	
	Body	LTE	1.185	1.276
		5.2GHz WLAN	0.091	
SA + 5.2GWLAN	Head	SA	1.111	1.292
		5.2GHz WLAN	0.181	
	Body	SA	1.477	1.568
		5.2GHz WLAN	0.091	
NSA + 5.2GWLAN	Head	NSA	0.871	1.052
		5.2GHz WLAN	0.181	
	Body	NSA	1.574	1.665
		5.2GHz WLAN	0.091	
LTE + 5.3GWLAN	Head	LTE	0.629	0.964
		5.3GHz WLAN	0.335	
	Body	LTE	1.185	1.317
		5.3GHz WLAN	0.132	
SA + 5.3GWLAN	Head	SA	1.111	1.446
		5.3GHz WLAN	0.335	
	Body	SA	1.477	1.609
		5.3GHz WLAN	0.132	
NSA + 5.3GWLAN	Head	NSA	0.871	1.206
		5.3GHz WLAN	0.335	
	Body	NSA	1.574	1.706
		5.3GHz WLAN	0.132	
LTE + 5.6GWLAN	Head	LTE	0.629	0.766
		5.6GHz WLAN	0.137	
	Body	LTE	1.185	1.304
		5.6GHz WLAN	0.119	
SA + 5.6GWLAN	Head	SA	1.111	1.248
		5.6GHz WLAN	0.137	
	Body	SA	1.477	1.596
		5.6GHz WLAN	0.119	



NSA + 5.6GWLAN	Head	NSA	0.871	1.008
		5.6GHz WLAN	0.137	
	Body	NSA	1.574	1.693
		5.6GHz WLAN	0.119	
NSA + 2.4GWLAN + BT	Head	NSA	0.871	1.128
		2.4GWLAN	0.165	
		BT	0.092	
	Body	NSA	1.574	1.989
		2.4GWLAN	0.351	
		BT	0.064	

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
3500MHz Dipole	MVG	DIP3G500	SN 06/22 DIP3G500-647	2025.05.20	2028.05.19
3700MHz Dipole	MVG	DIP3G700	SN 06/22 DIP3G700-648	2025.05.21	2028.05.20
5000MHz Dipole	MVG	DIP5G000	SN 06/22 DIP5G000-653	2025.05.22	2028.05.21
E-Field Probe	MVG	SSE2	0326-EPGO-431	2026.01.22	2027.01.21
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	R&S	ZVL	116184	2026.03.03	2027.03.02
Multi Meter	Keithley	DMM6500	4527252	2026.03.03	2027.03.02
Signal Generator	Keysight	N5182B	MY59100717	2026.03.03	2027.03.02
Wireless Communication Test Set	R&S	CMW500	137737	2026.03.02	2027.03.01
Power Sensor	R&S	Z11	116184	2026.03.03	2027.03.02
Electronic Temperature hygrometer	N/A	ST-W2318	N/A	2026.03.05	2027.03.04
Temperature hygrometer	N/A	TP101	N/A	2026.03.05	2027.03.04



Appendix A. System Validation Plot

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

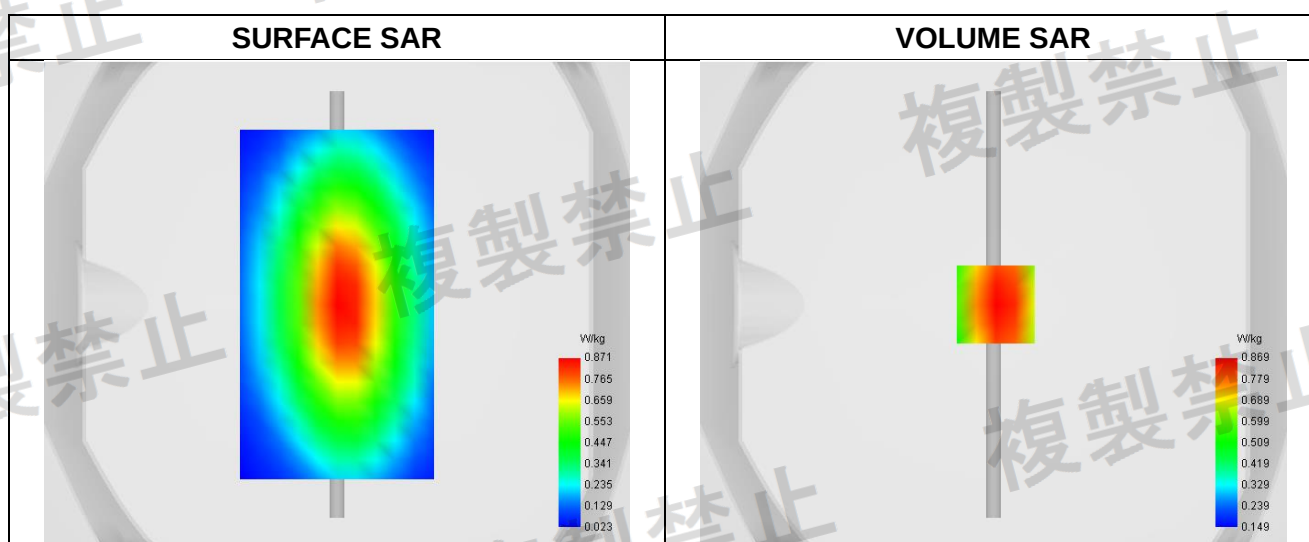
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-03-19

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	41.68
Conductivity (S/m)	0.88
Probe	0326-EPGO-431
ConvF	0.71
Crest factor:	1:1

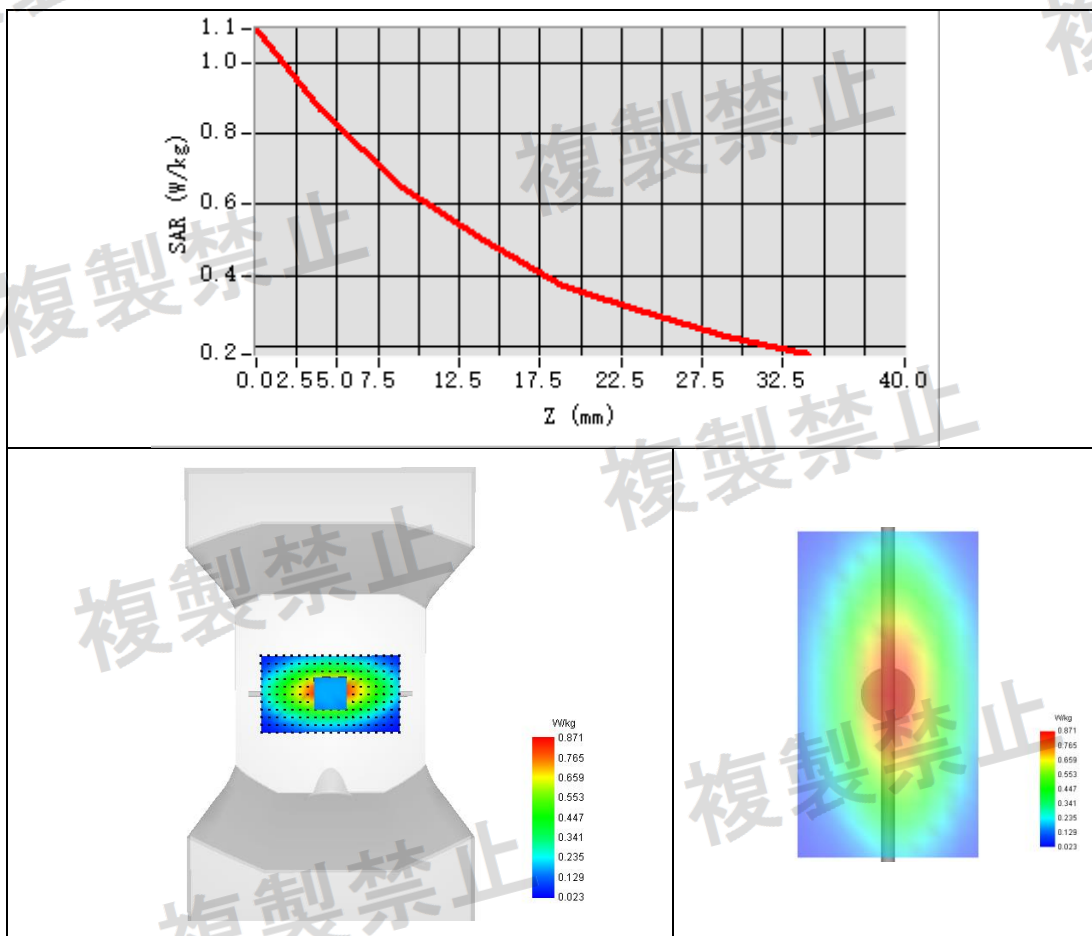


Maximum location: X=5.00, Y=3.00 ; SAR Peak: 1.41 W/kg

SAR 10g (W/Kg)	0.563
SAR 1g (W/Kg)	0.853



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

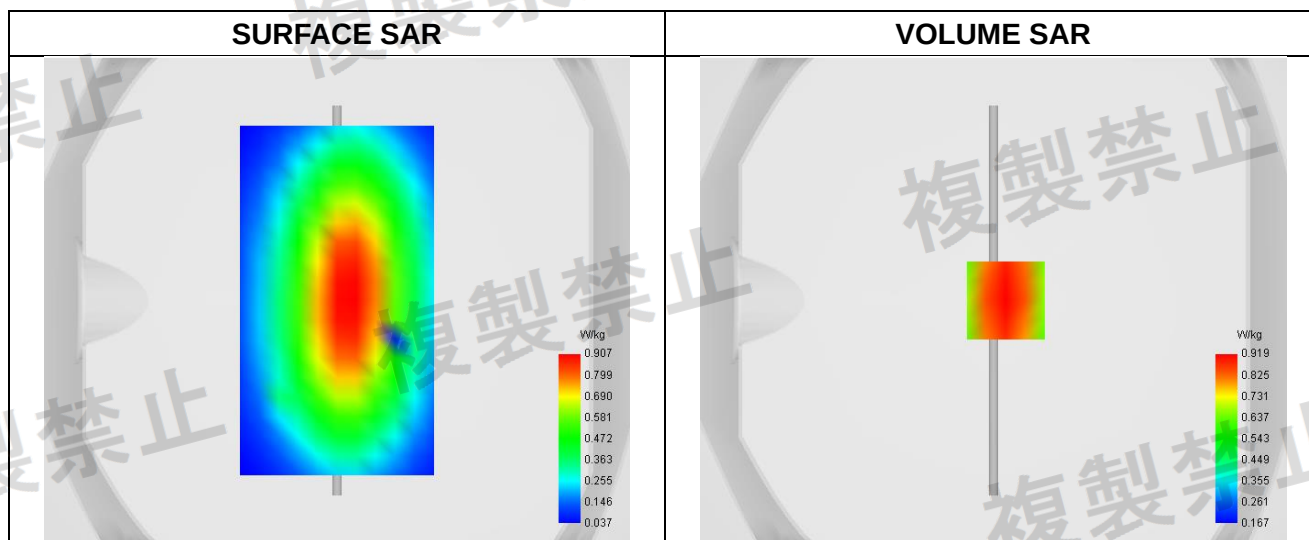
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-03-03

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.20
Conductivity (S/m)	0.87
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

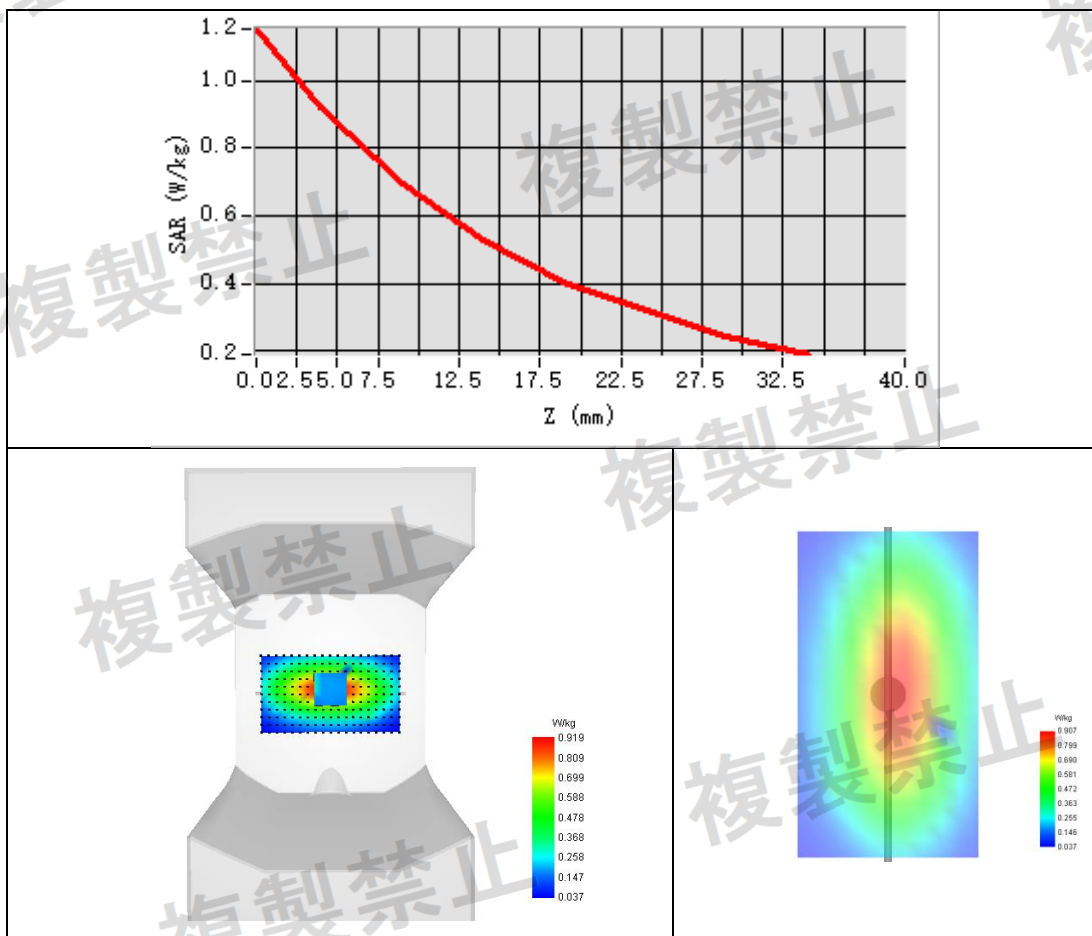


Maximum location: X=5.00, Y=7.00 ; SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.592
SAR 1g (W/Kg)	0.924



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

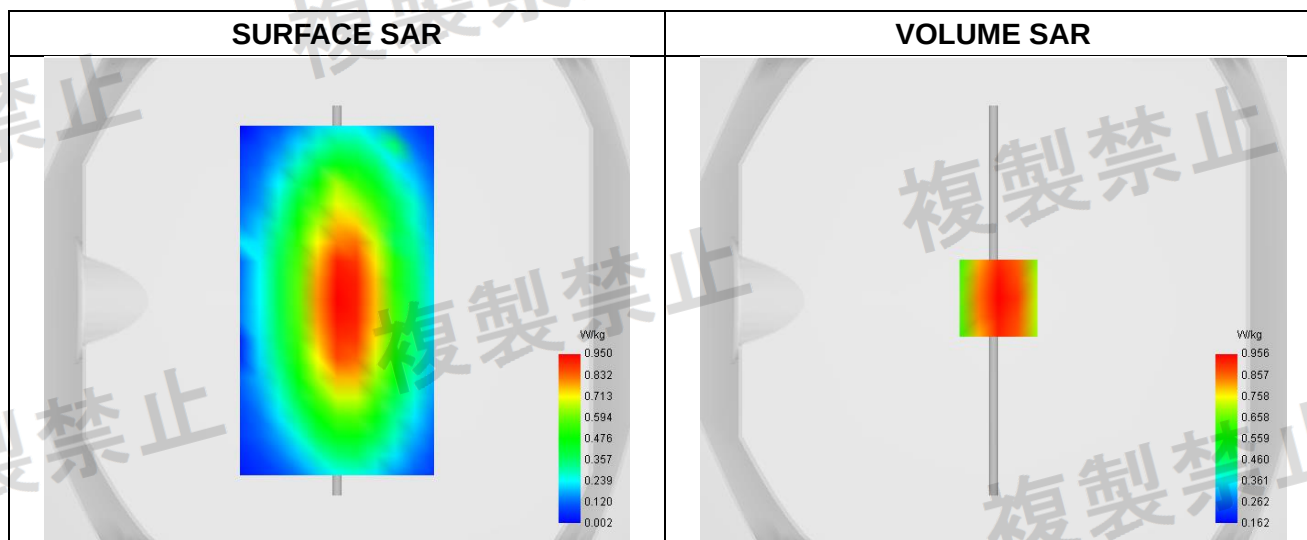
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-03-19

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.28
Conductivity (S/m)	0.94
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

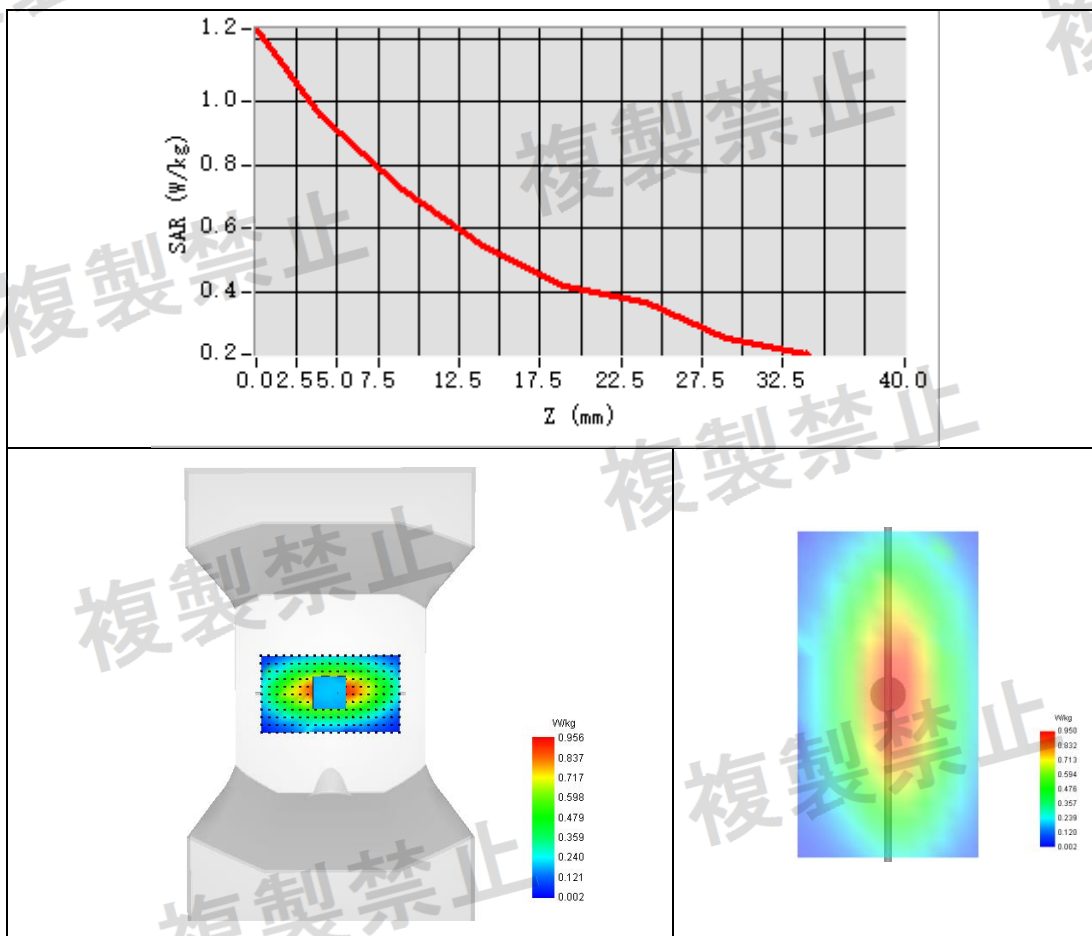


Maximum location: X=5.00, Y=7.00 ; SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.599
SAR 1g (W/Kg)	0.925



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

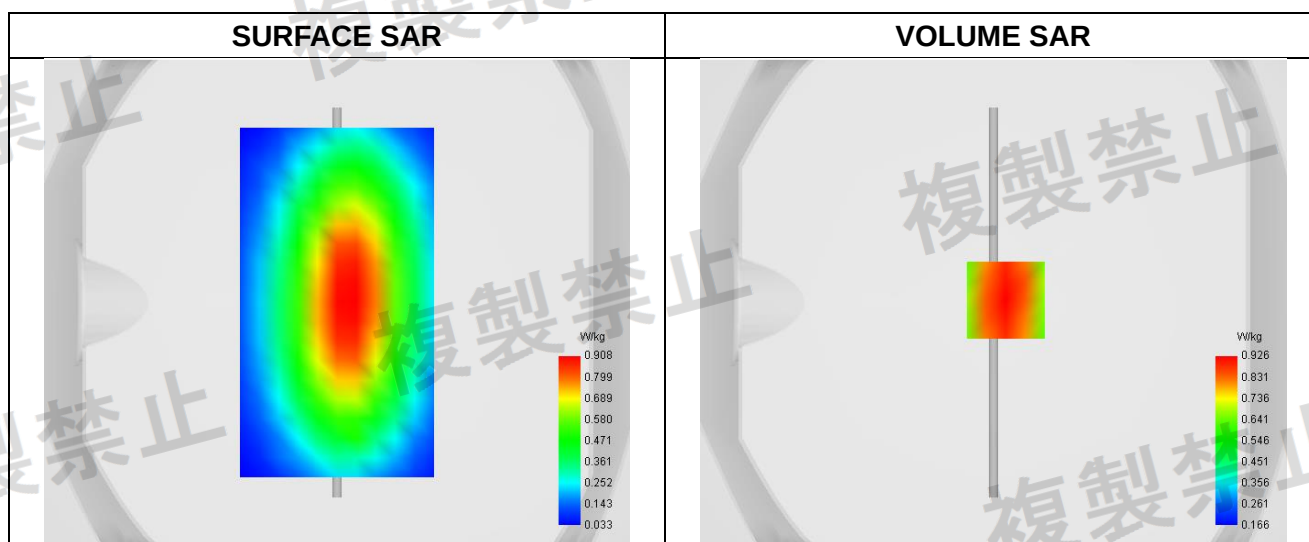
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-03-28

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.08
Conductivity (S/m)	0.92
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

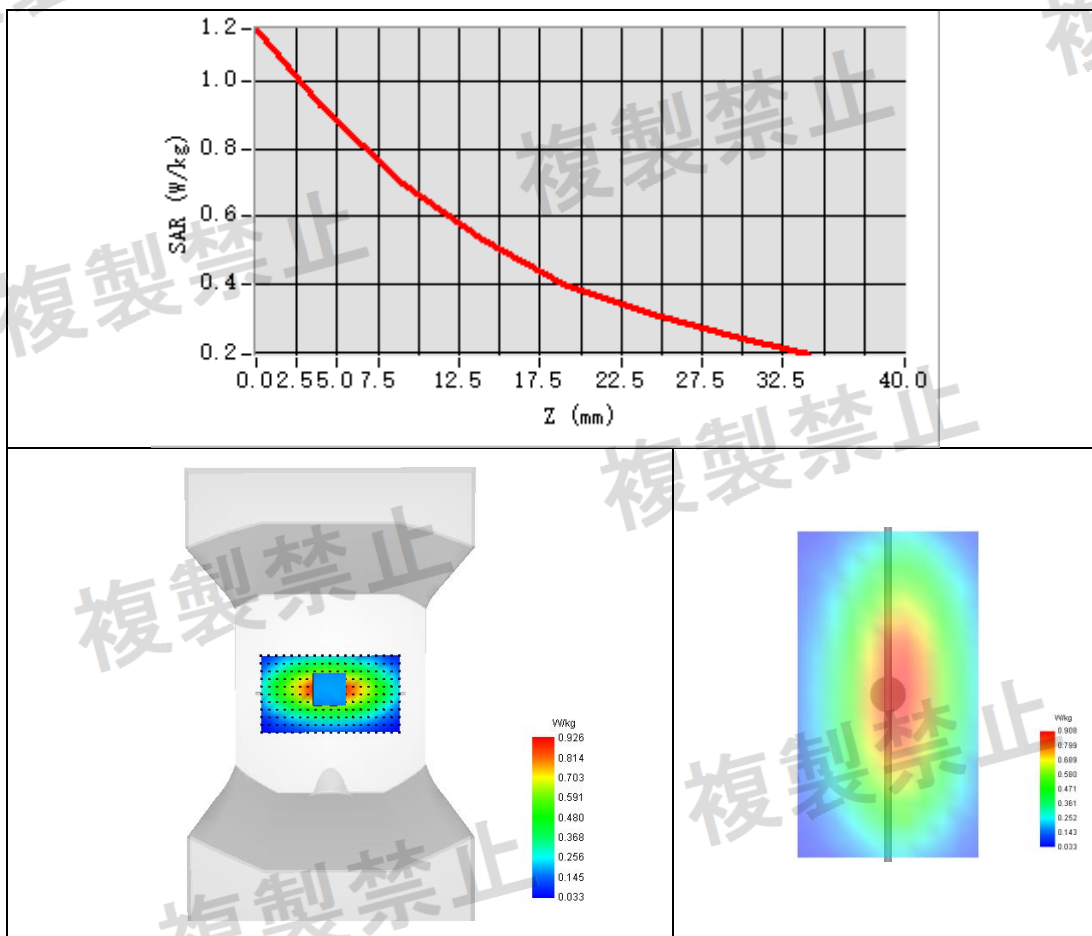


Maximum location: X=5.00, Y=1.00 ; SAR Peak: 1.15 W/kg

SAR 10g (W/Kg)	0.592
SAR 1g (W/Kg)	0.966



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

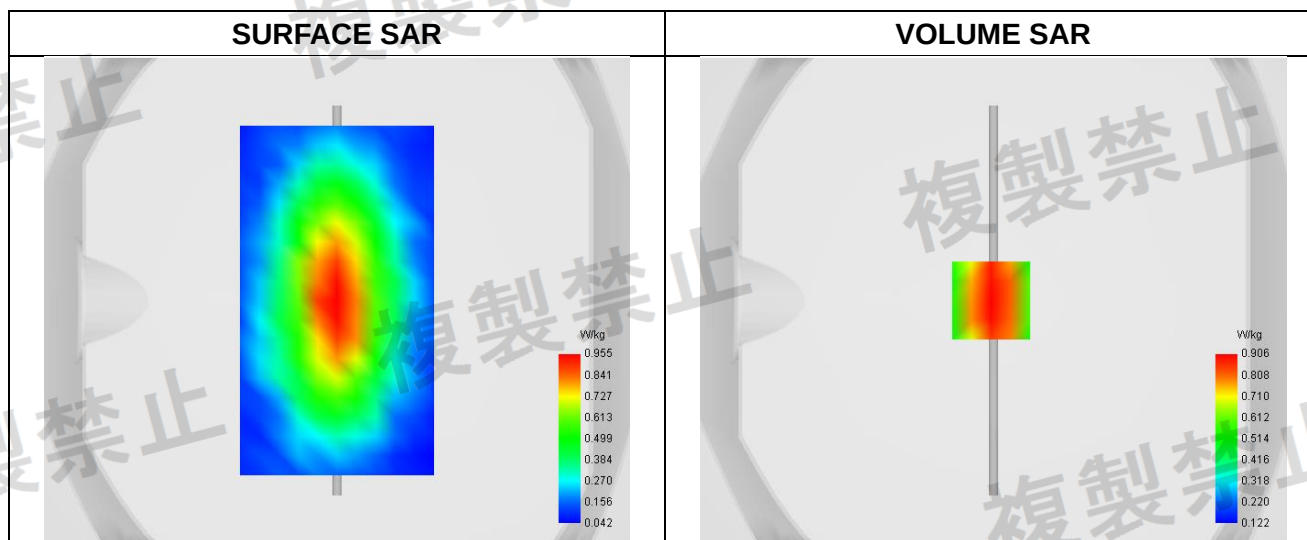
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-03-27

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.72
Conductivity (S/m)	0.94
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

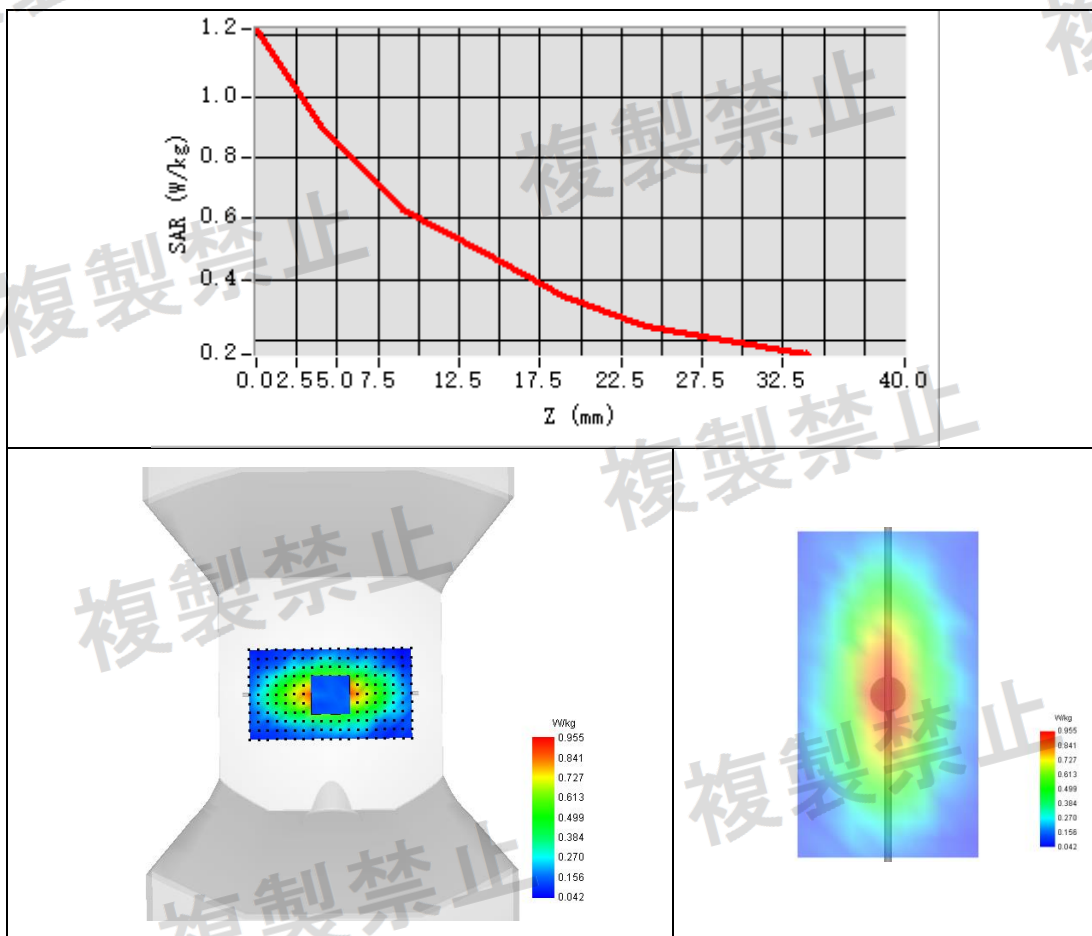


Maximum location: X=-1.00, Y=0.00 ; SAR Peak: 1.29 W/kg

SAR 10g (W/Kg)	0.612
SAR 1g (W/Kg)	0.977



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

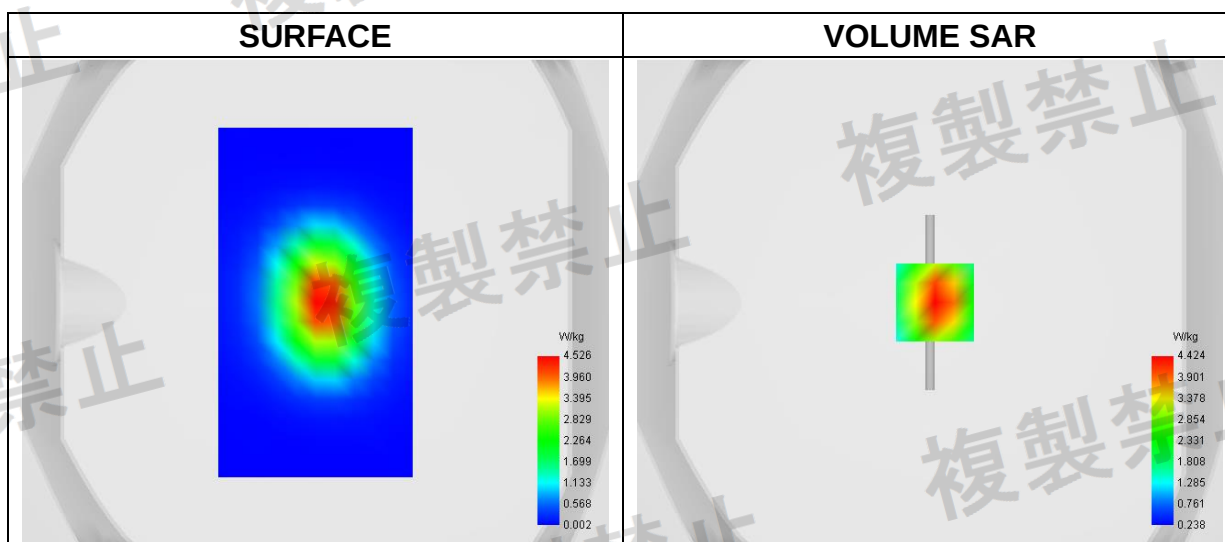
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-03-23

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.22
Conductivity (S/m)	1.41
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

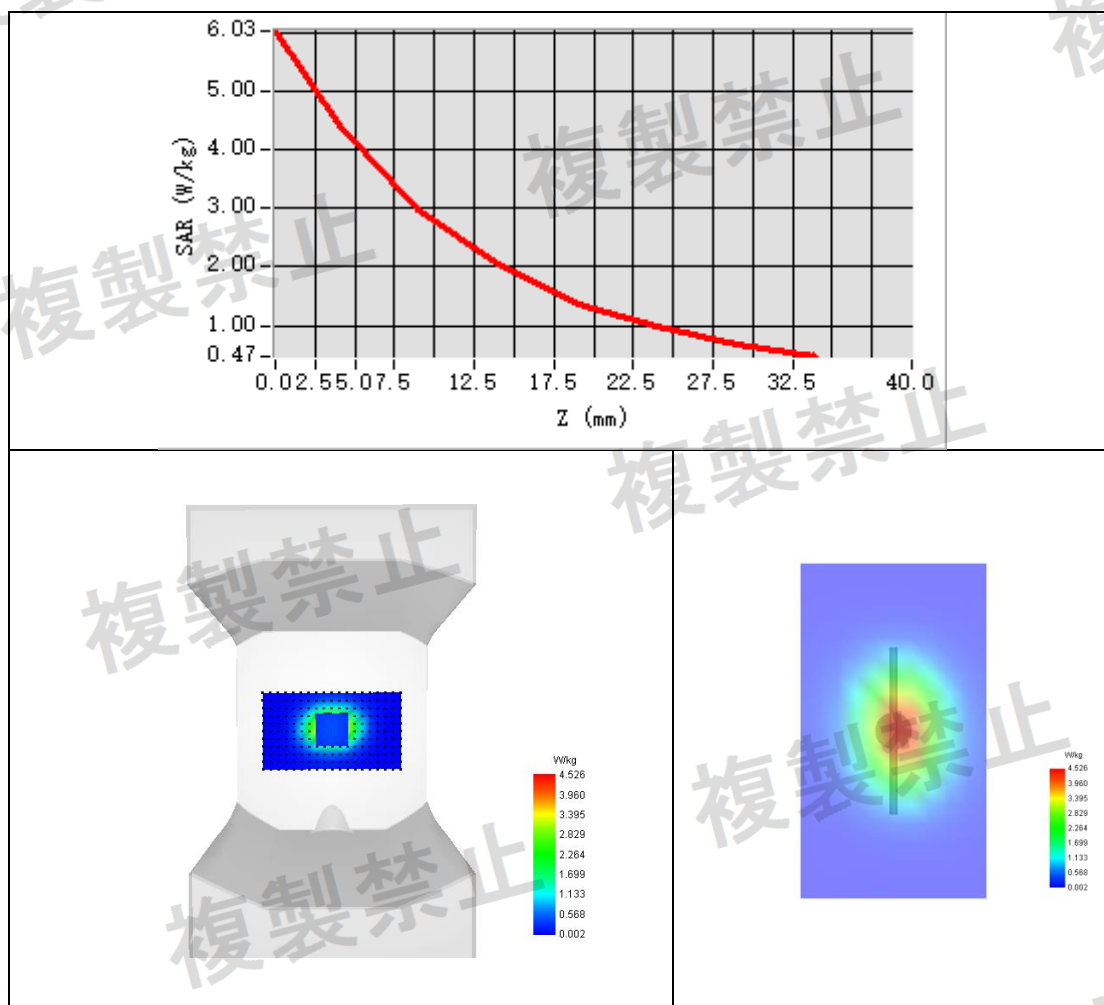


Maximum location: X=2.00, Y=2.00 ; SAR Peak: 6.73 W/kg

SAR 10g (W/Kg)	1.916
SAR 1g (W/Kg)	3.646



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

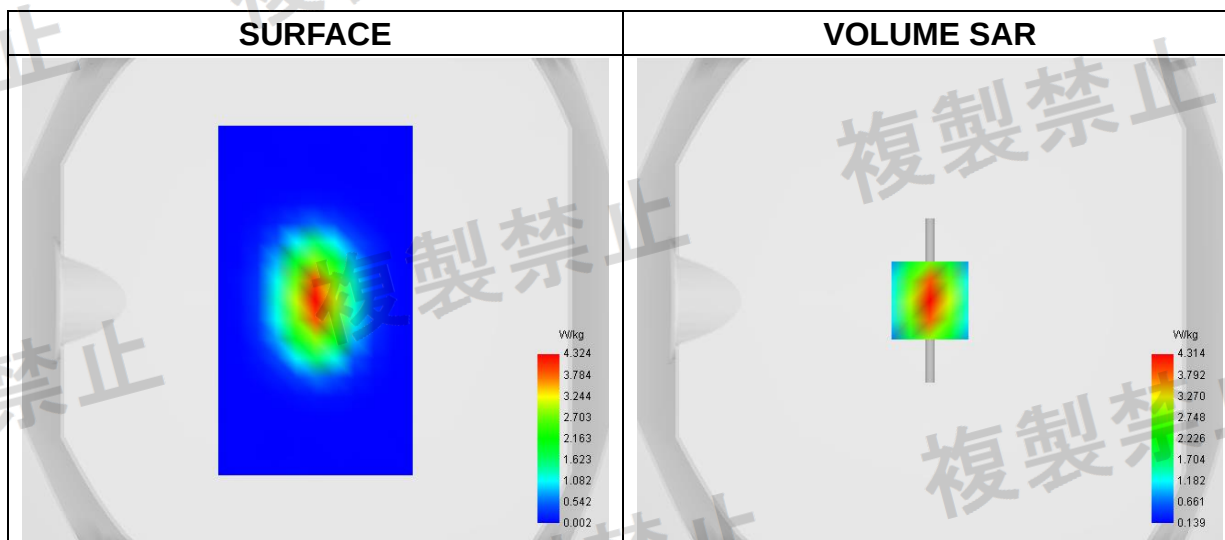
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-03-05

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.90
Conductivity (S/m)	1.37
Probe	0326-EPGO-431
ConvF	0.90
Crest factor:	1:1

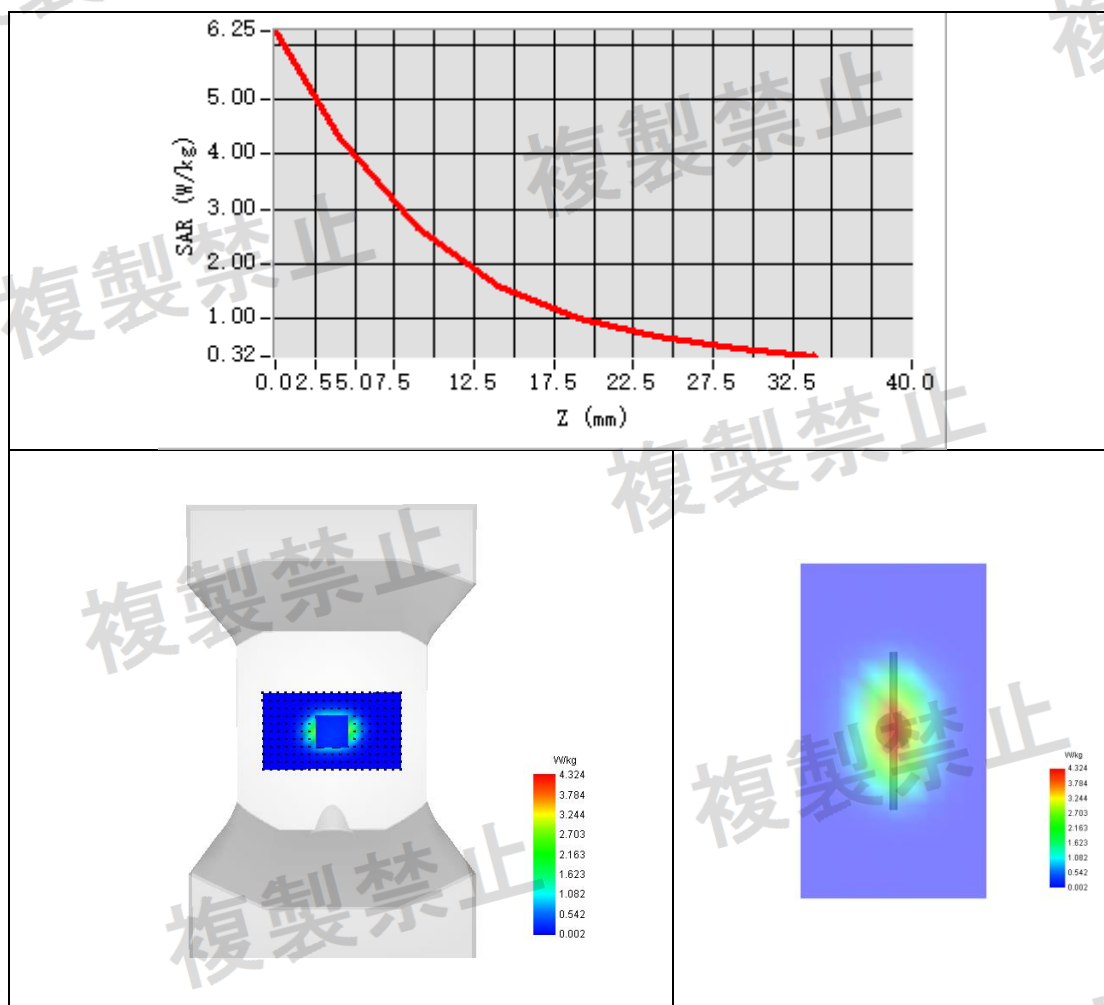


Maximum location: X=3.00, Y=1.00 ; SAR Peak: 6.29 W/kg

SAR 10g (W/Kg)	2.098
SAR 1g (W/Kg)	4.007



Z Axis Scan





System Performance Check Data (2000MHz)

Type: Phone measurement (Complete)

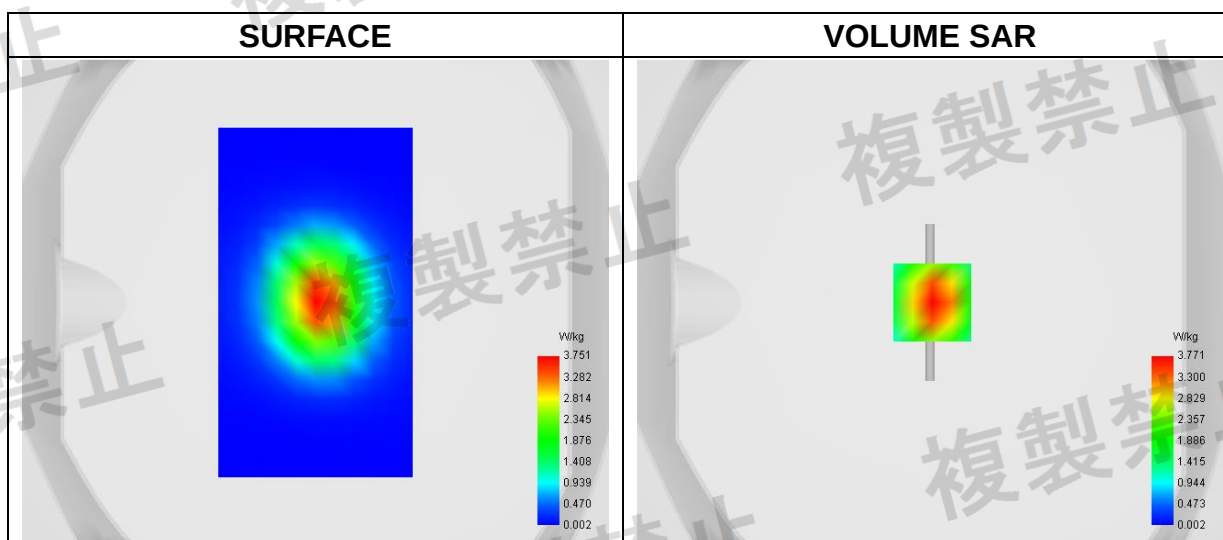
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-03-22

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2000
Channels	Middle
Signal	CW
Frequency (MHz)	2000.000
Relative permittivity	41.23
Conductivity (S/m)	1.46
Probe	0326-EPGO-431
ConvF	0.93
Crest factor:	1:1

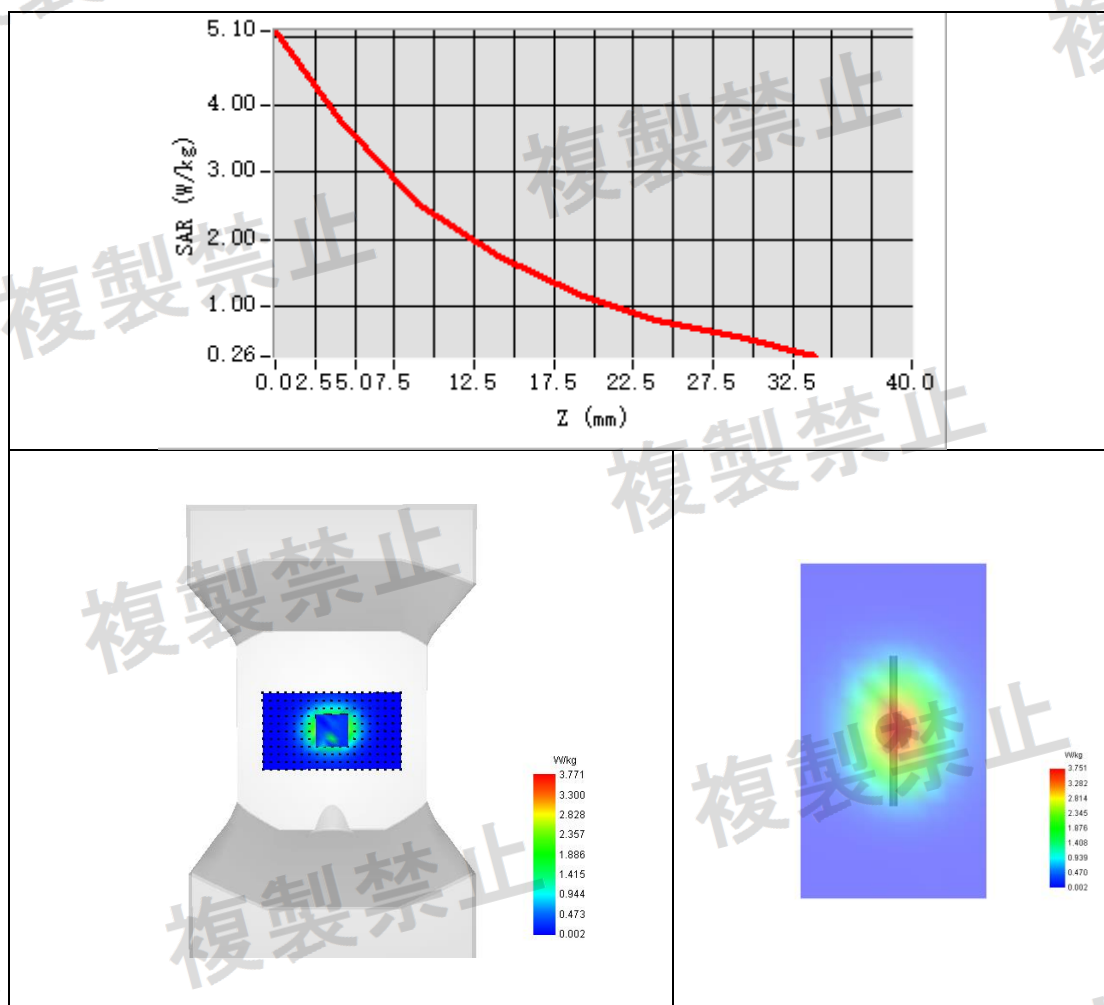


Maximum location: X=5.00, Y=3.00 ; SAR Peak: 7.60 W/kg

SAR 10g (W/Kg)	2.053
SAR 1g (W/Kg)	4.089



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

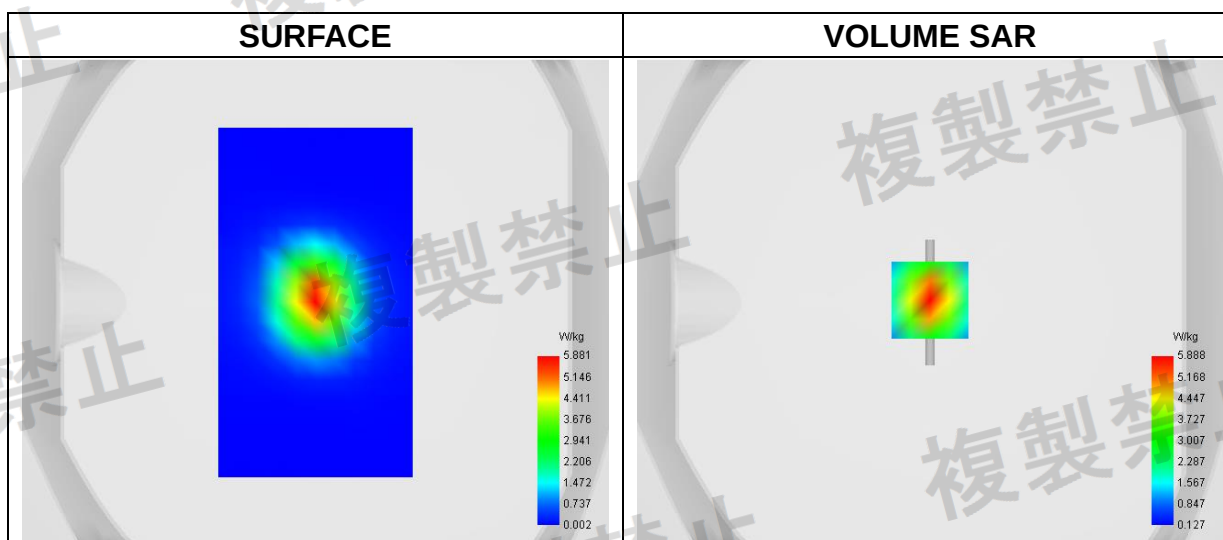
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-03-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	39.98
Conductivity (S/m)	1.77
Probe	0326-EPGO-431
ConvF	1.03
Crest factor:	1:1

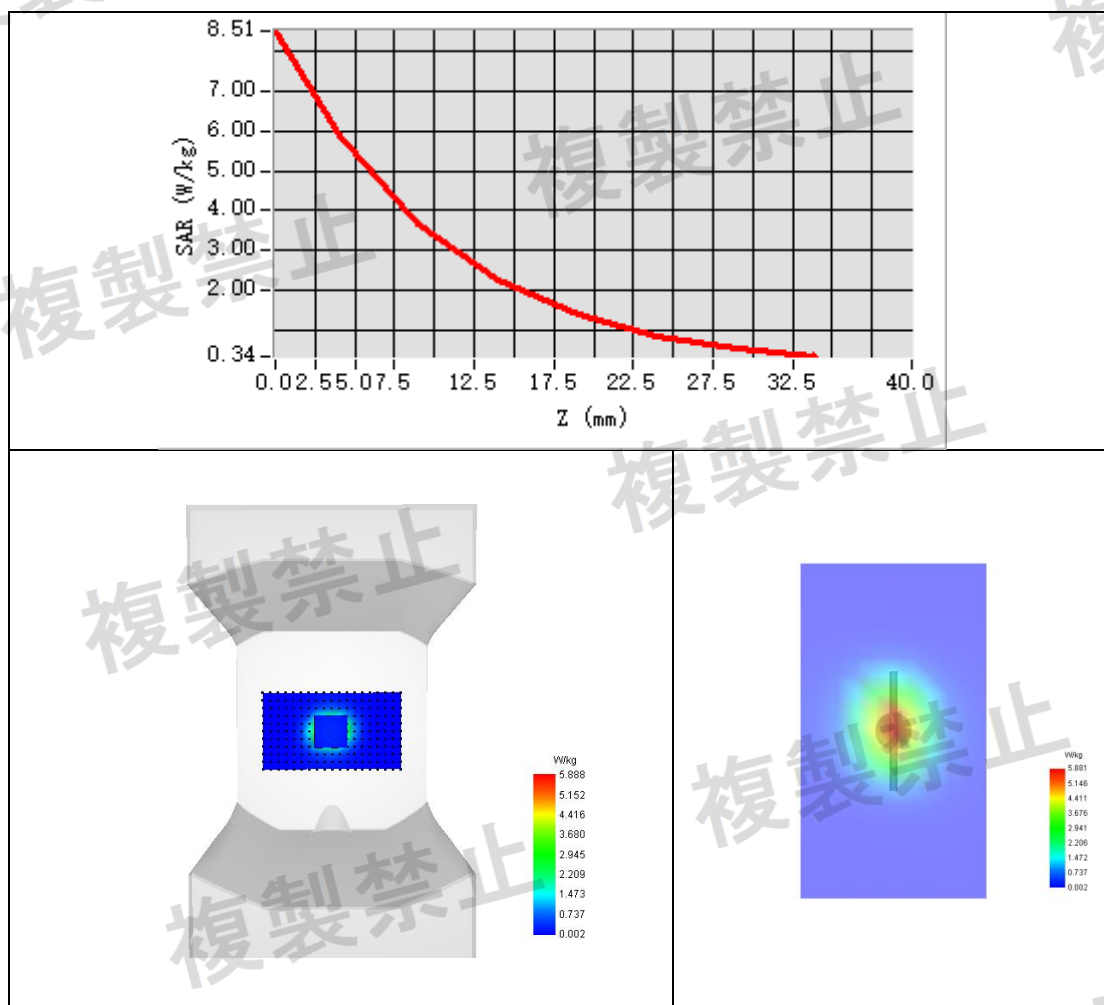


Maximum location: X=5.00, Y=3.00 ; SAR Peak: 8.57 W/kg

SAR 10g (W/Kg)	2.453
SAR 1g (W/Kg)	5.305



Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

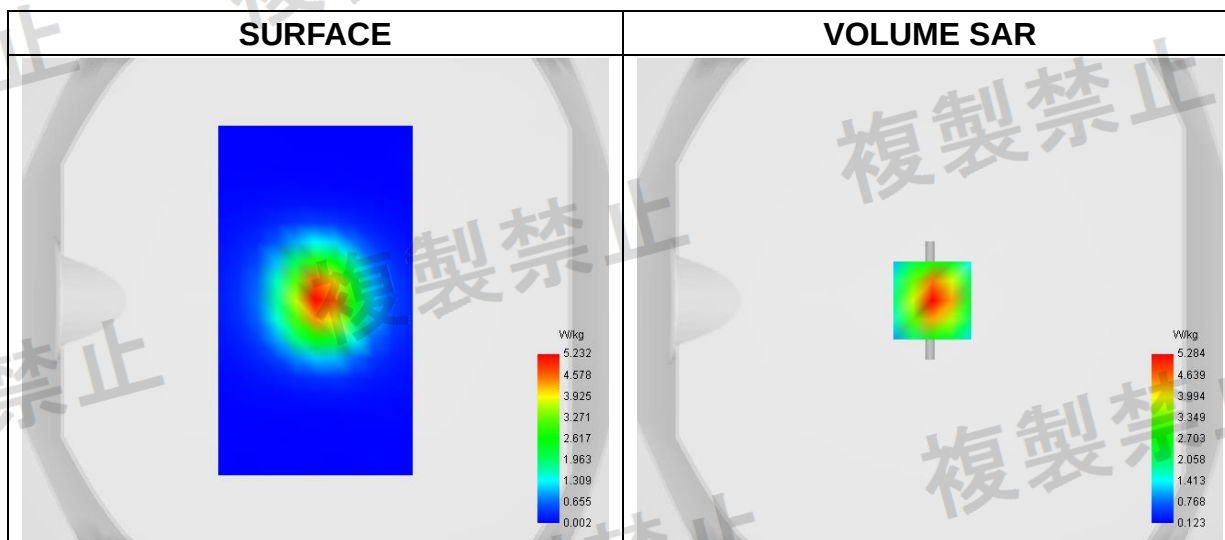
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-03-18

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.61
Conductivity (S/m)	2.03
Probe	0326-EPGO-431
ConvF	0.98
Crest factor:	1:1

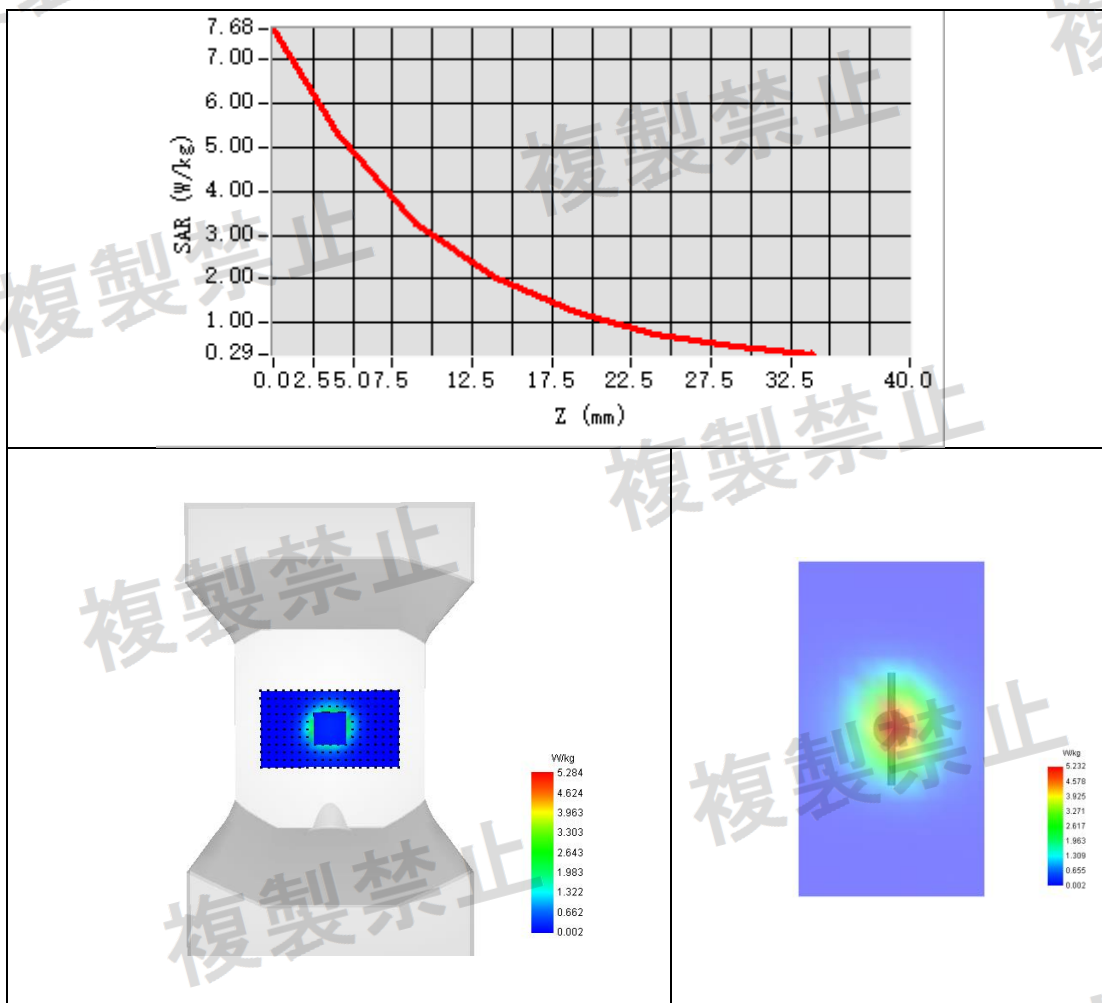


Maximum location: X=3.00, Y=3.00 ; SAR Peak: 9.77 W/kg

SAR 10g (W/Kg)	2.534
SAR 1g (W/Kg)	5.608



Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

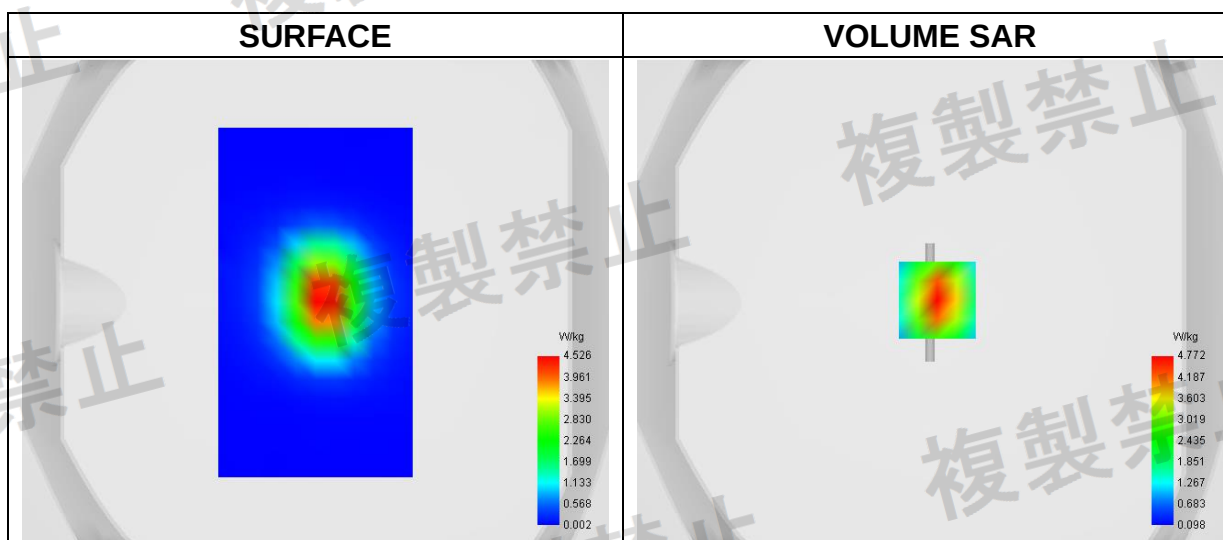
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-03-24

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.91
Conductivity (S/m)	1.99
Probe	0326-EPGO-431
ConvF	0.98
Crest factor:	1:1

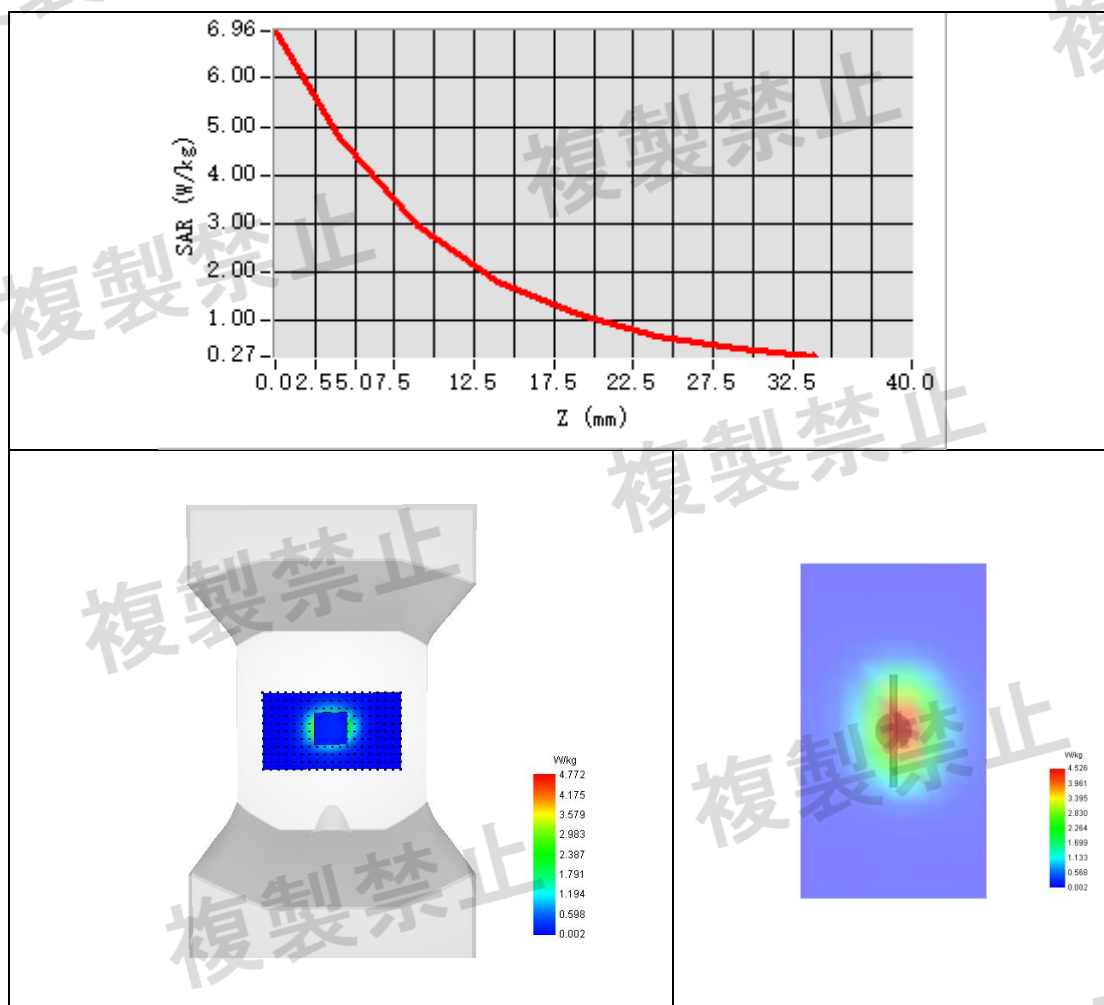


Maximum location: X=3.00, Y=3.00 ; SAR Peak: 9.77 W/kg

SAR 10g (W/Kg)	2.534
SAR 1g (W/Kg)	5.598



Z Axis Scan





System Performance Check Data (3500MHz)

Type: Phone measurement (Complete)

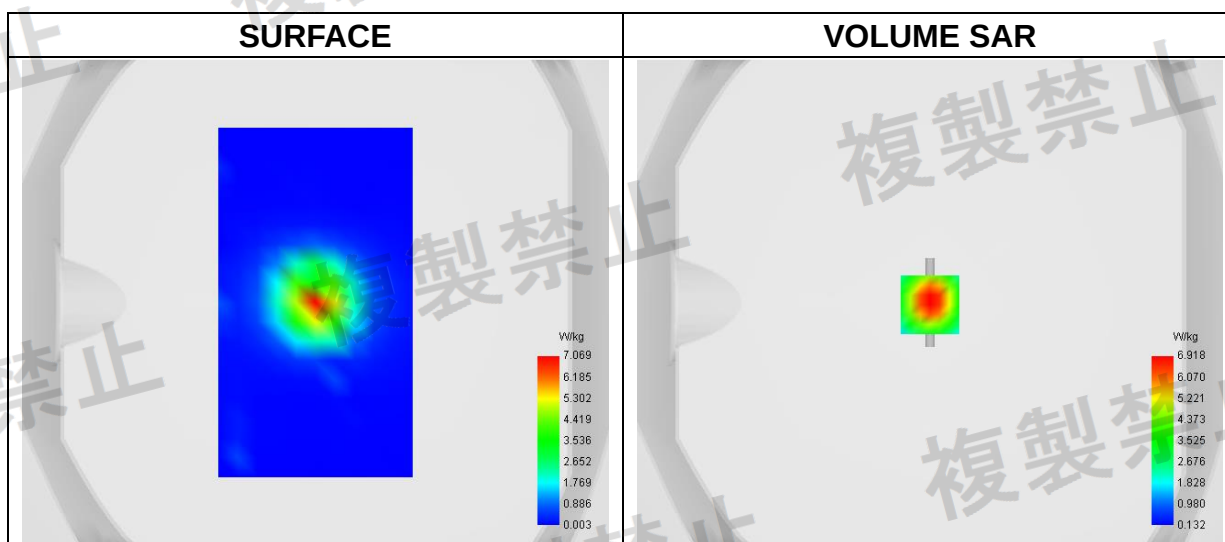
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-03-21

Experimental conditions.

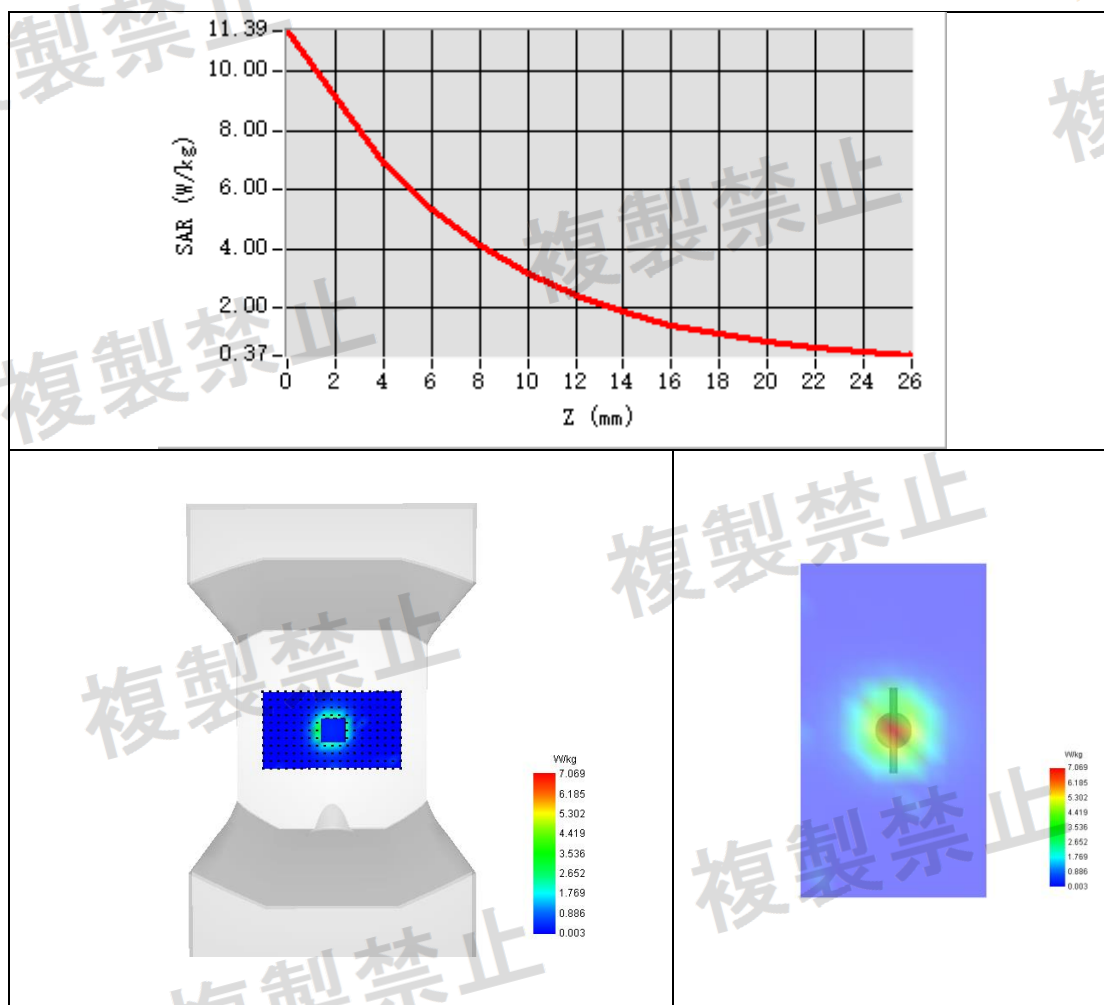
Phantom	Validation plane
Device Position	Dipole
Band	CW3500
Channels	Middle
Signal	CW
Frequency (MHz)	3500.000
Relative permittivity	38.91
Conductivity (S/m)	2.99
Probe	2225-EPGO-450
ConvF	1.35
Crest factor:	1:1



Maximum location: X=6.00, Y=3.00 ; SAR Peak: 12.71 W/kg

SAR 10g (W/Kg)	2.524
SAR 1g (W/Kg)	6.459

Z Axis Scan





System Performance Check Data (3700MHz)

Type: Phone measurement (Complete)

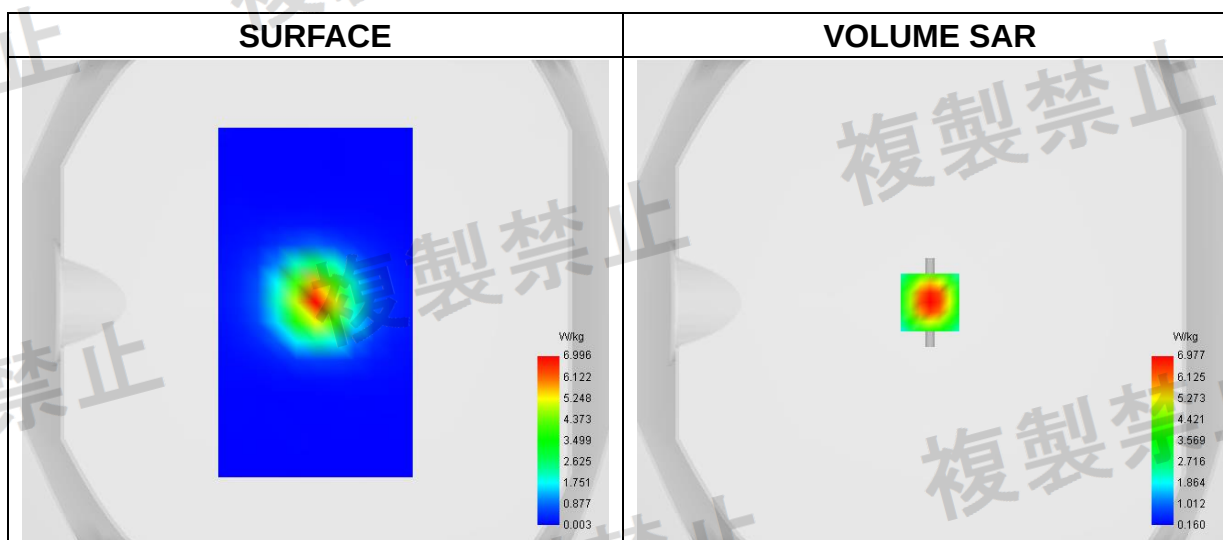
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-03-21

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW3700
Channels	Middle
Signal	CW
Frequency (MHz)	3700.000
Relative permittivity	38.23
Conductivity (S/m)	3.17
Probe	2225-EPGO-450
ConvF	1.34
Crest factor:	1:1

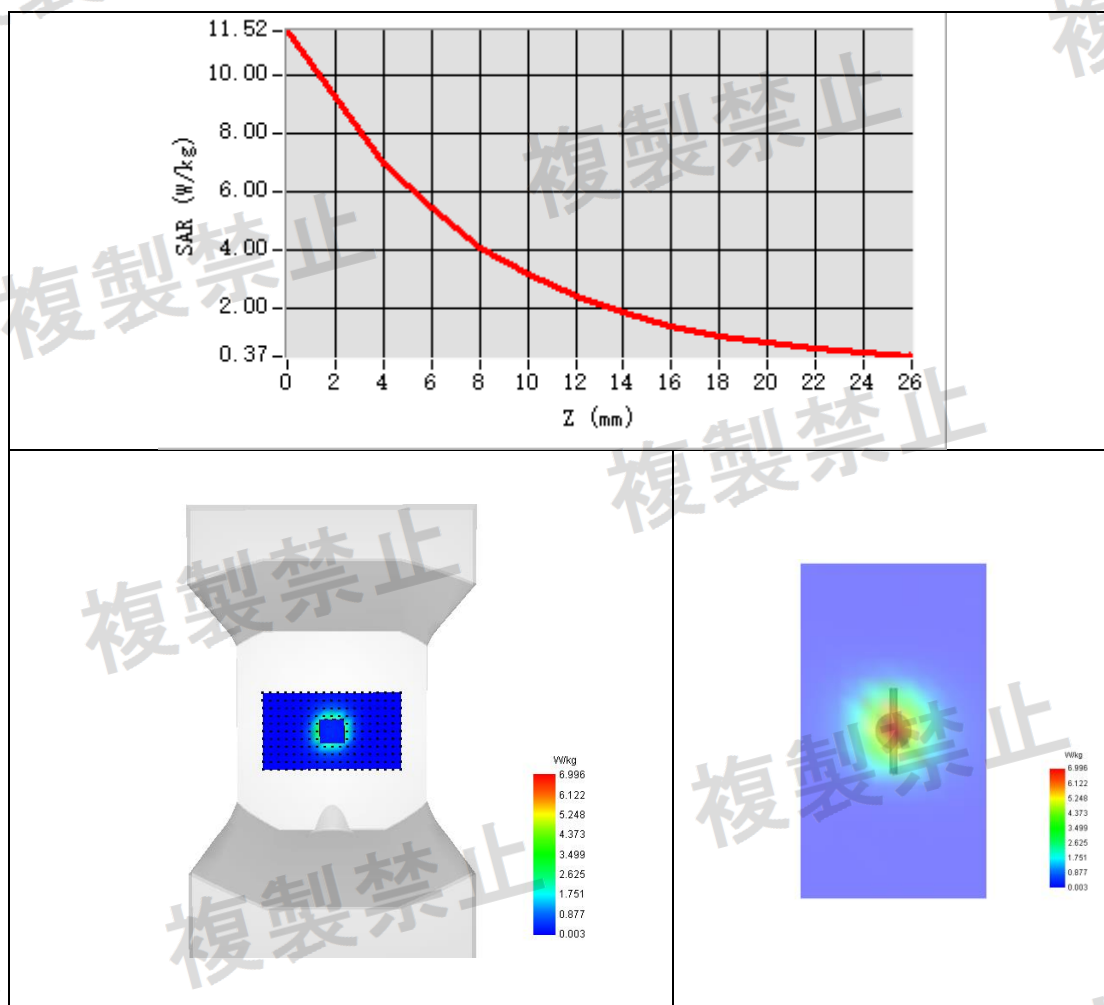


Maximum location: X=5.00, Y=3.00 ; SAR Peak: 12.95 W/kg

SAR 10g (W/Kg)	2.533
SAR 1g (W/Kg)	6.564



Z Axis Scan





System Performance Check Data (5200MHz)

Type: Phone measurement (Complete)

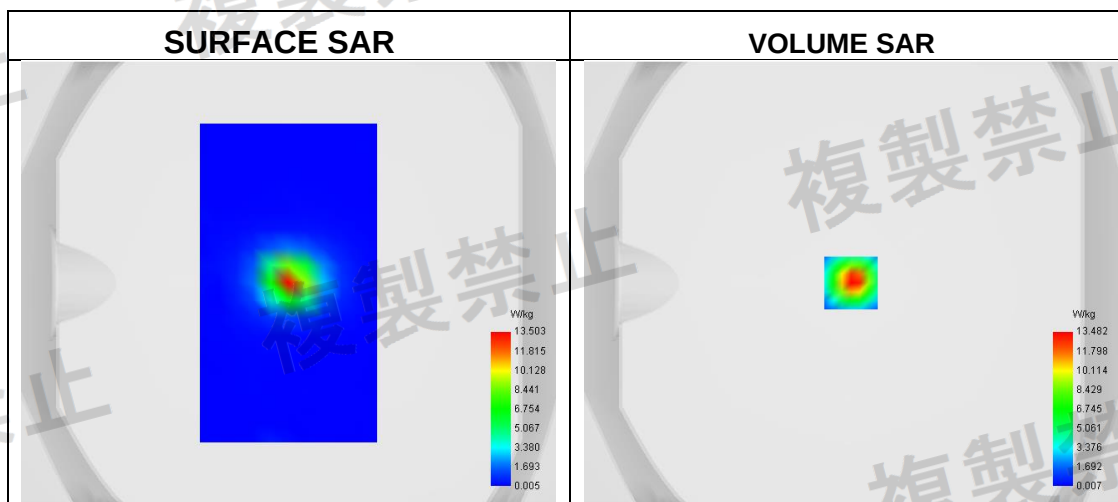
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-03-25

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Channels	Middle
Signal	CW
Frequency (MHz)	5200MHz
Relative permittivity	36.56
Conductivity (S/m)	4.62
Probe	0326-EPGO-431
ConvF	1.08
Crest factor:	1:1

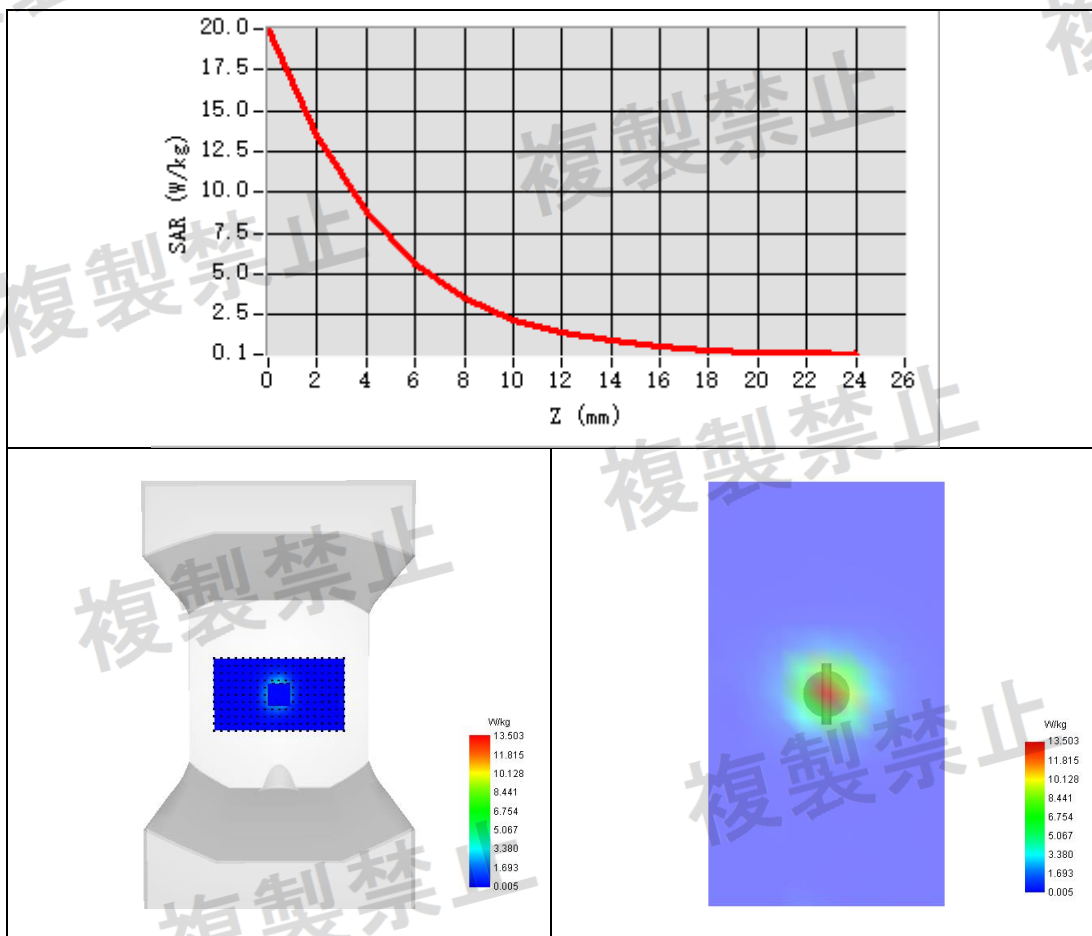


Maximum location: X=6.00, Y=5.00 ; SAR Peak: 26.47 W/kg

SAR 10g (W/Kg)	2.282
SAR 1g (W/Kg)	7.778



Z Axis Scan





System Performance Check Data (5400MHz)

Type: Phone measurement (Complete)

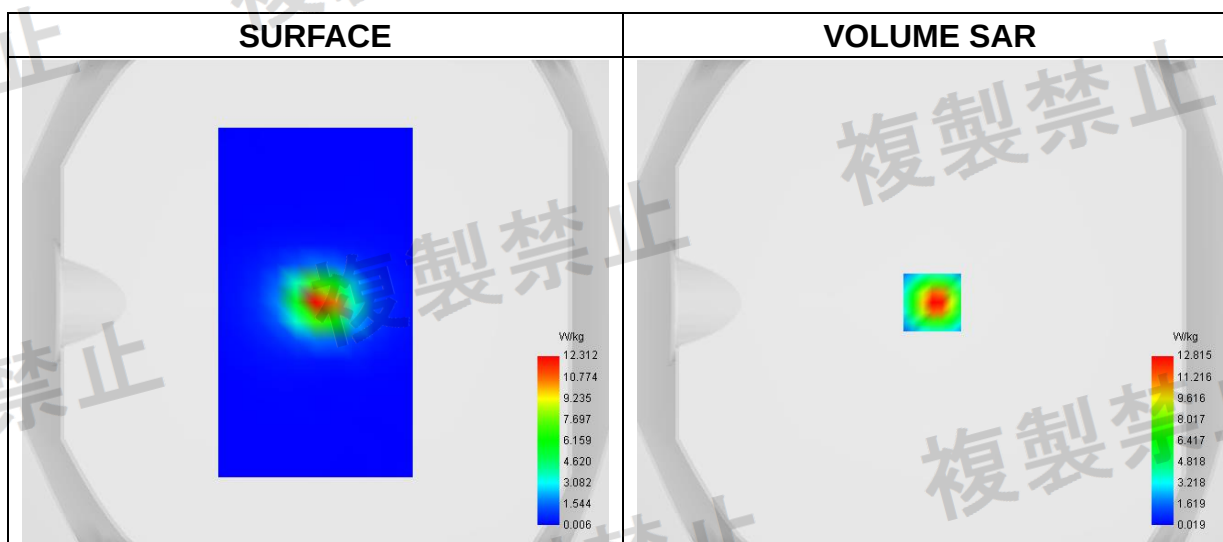
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-03-26

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5400
Channels	Middle
Signal	CW
Frequency (MHz)	5400.000
Relative permittivity	36.77
Conductivity (S/m)	4.91
Probe	0326-EPGO-431
ConvF	1.16
Crest factor:	1:1

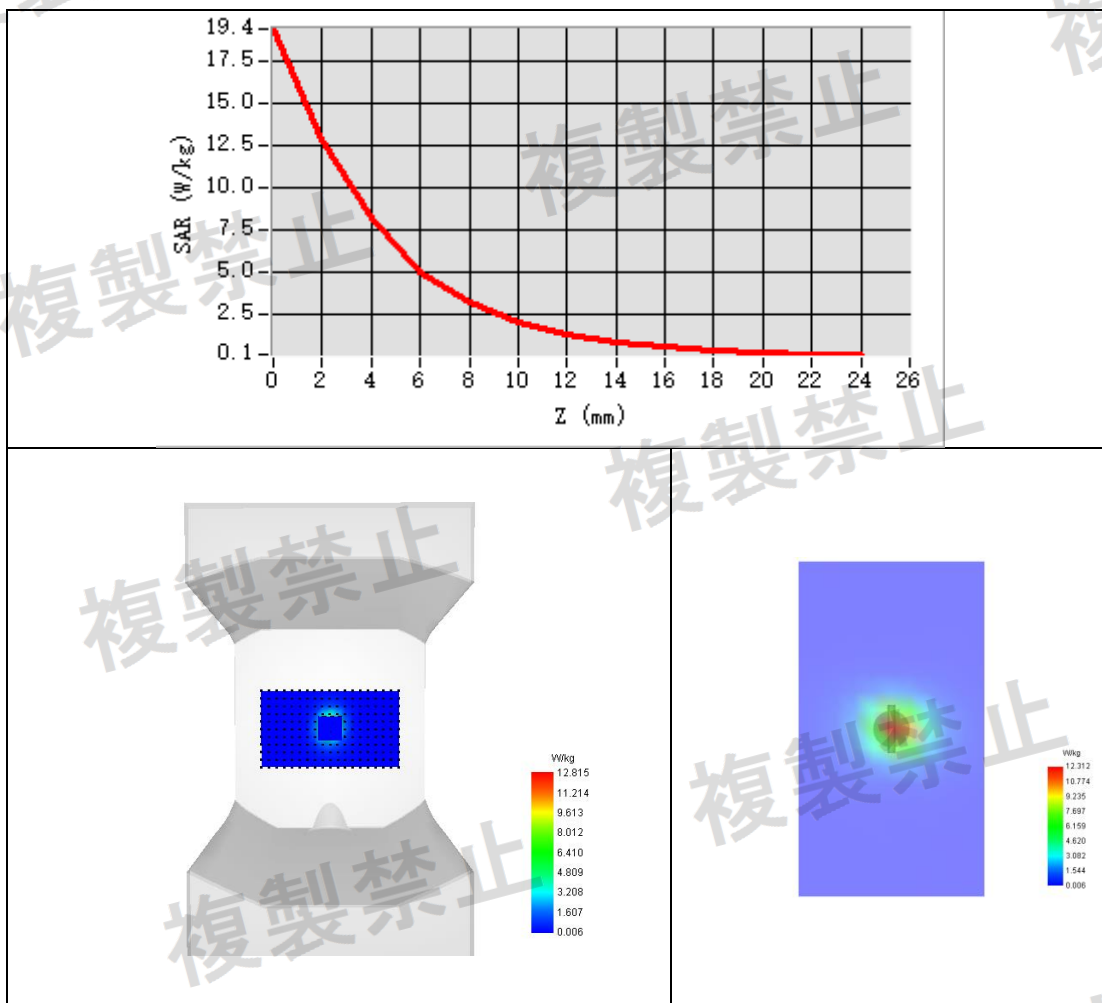


Maximum location: X=6.00, Y=5.00 ; SAR Peak: 25.72 W/kg

SAR 10g (W/Kg)	2.254
SAR 1g (W/Kg)	7.659



Z Axis Scan





System Performance Check Data (5600MHz)

Type: Phone measurement (Complete)

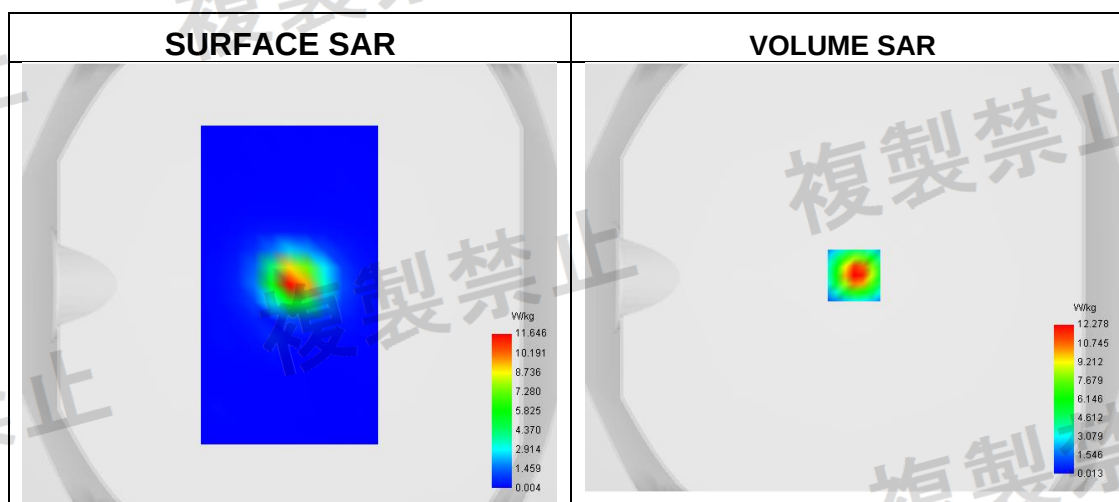
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-03-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Channels	Middle
Signal	CW
Frequency (MHz)	5600MHz
Relative permittivity	35.89
Conductivity (S/m)	5.06
Probe	0326-EPGO-431
ConvF	1.07
Crest factor:	1:1

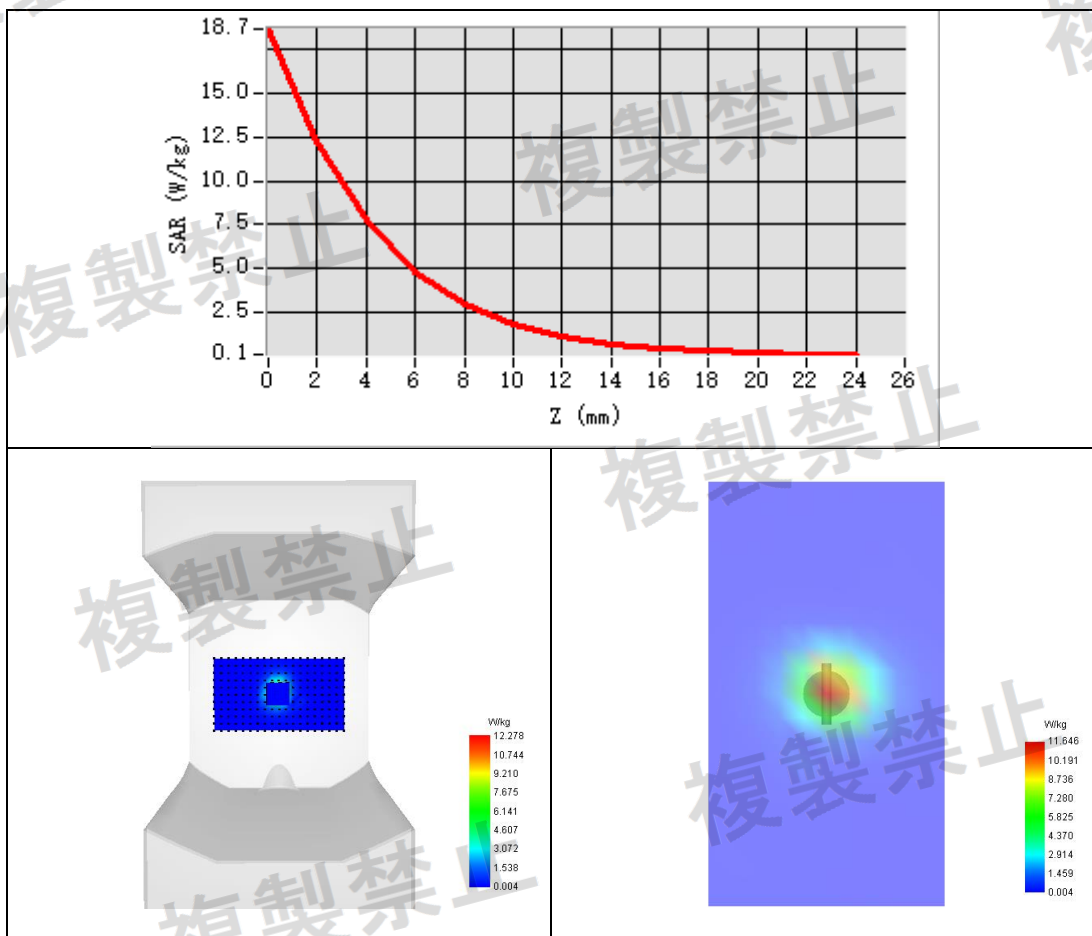


Maximum location: X=5.00, Y=6.00 ; SAR Peak: 27.65 W/kg

SAR 10g (W/Kg)	2.388
SAR 1g (W/Kg)	8.199



Z Axis Scan



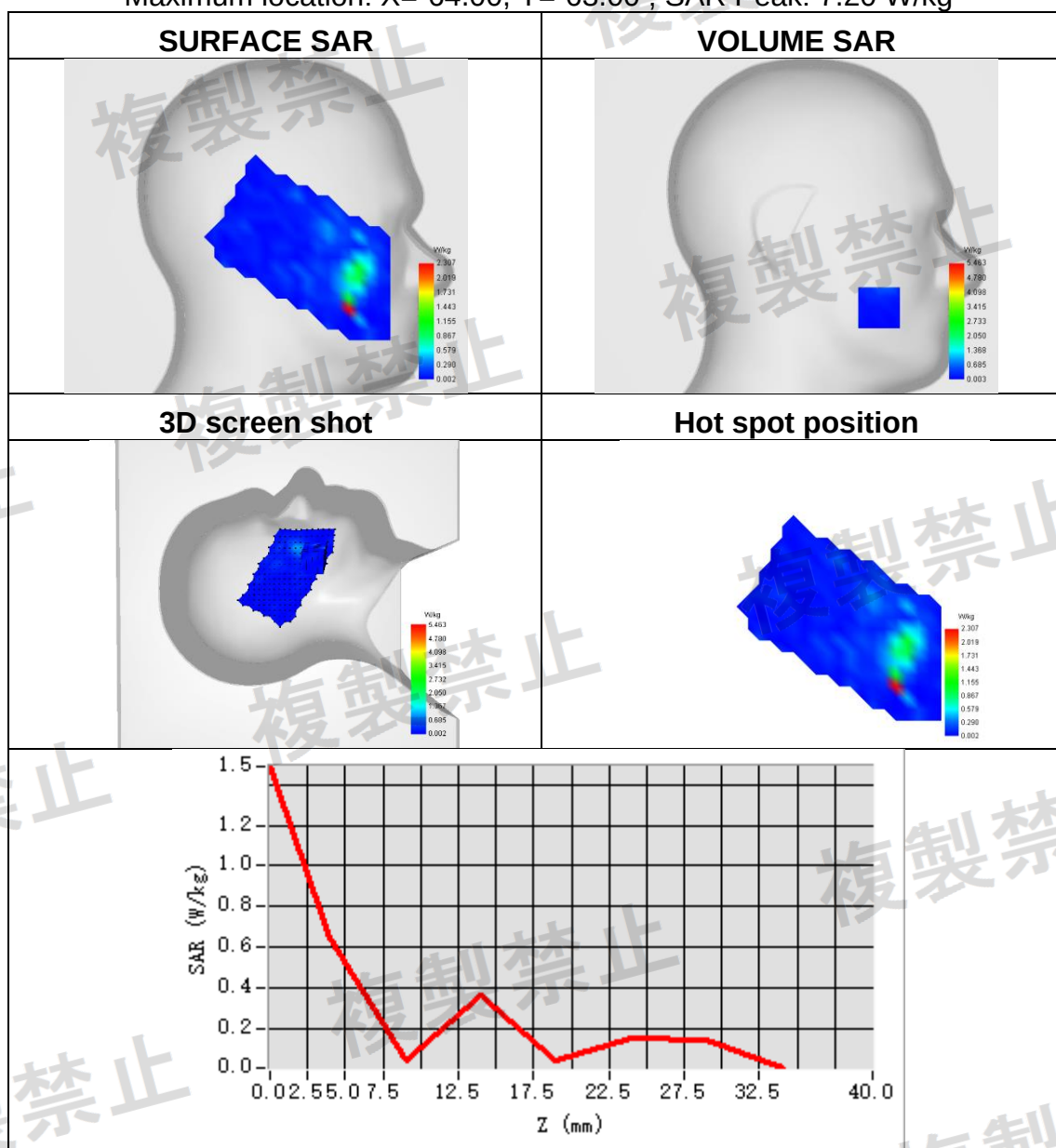


Appendix B. SAR Test Plots

Plot 1:

Test Date	2026-03-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 1
Signal	LTE FDD
Frequency	1950
SAR 10g (W/Kg)	0.376
SAR 1g (W/Kg)	1.653

Maximum location: X=-64.00, Y=-63.00 ; SAR Peak: 7.20 W/kg

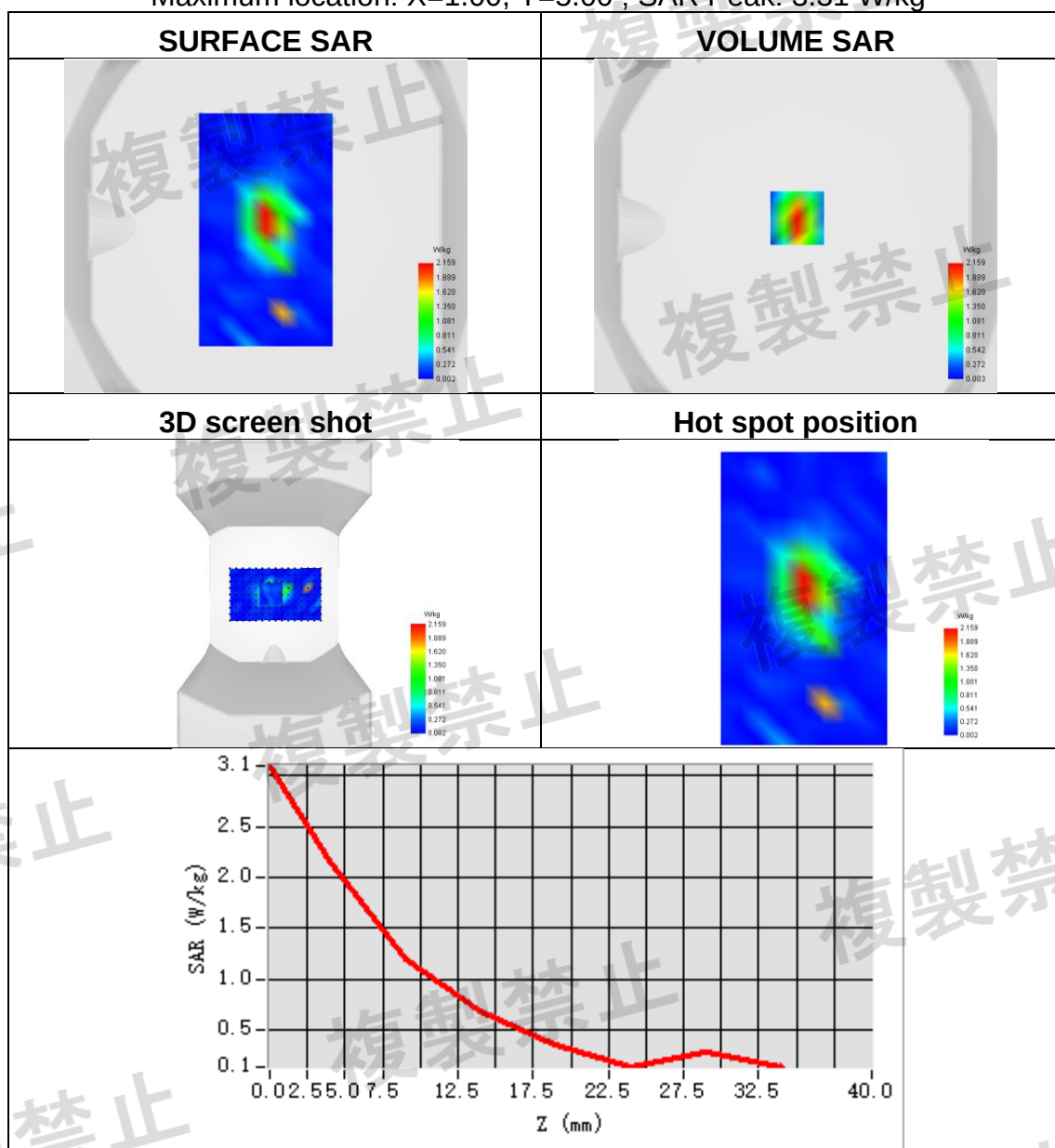




Plot 2:

Test Date	2026-03-05
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)	0.934
SAR 1g (W/Kg)	1.901

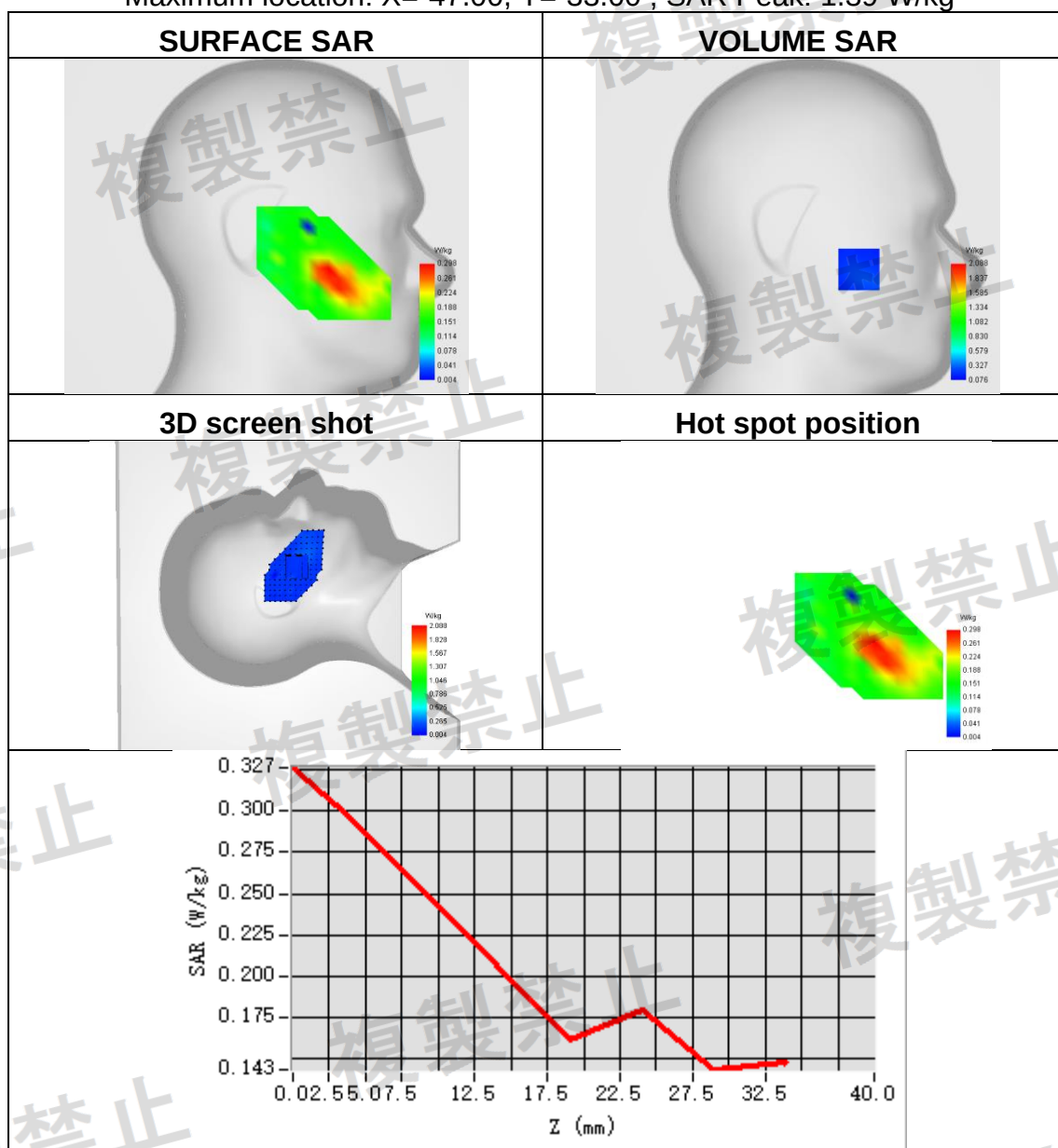
Maximum location: X=1.00, Y=5.00 ; SAR Peak: 3.31 W/kg



Plot 3:

Test Date	2026-03-23
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 3
Signal	LTE FDD
Frequency	1747.5
SAR 10g (W/Kg)	0.191
SAR 1g (W/Kg)	0.367

Maximum location: X=-47.00, Y=-33.00 ; SAR Peak: 1.39 W/kg

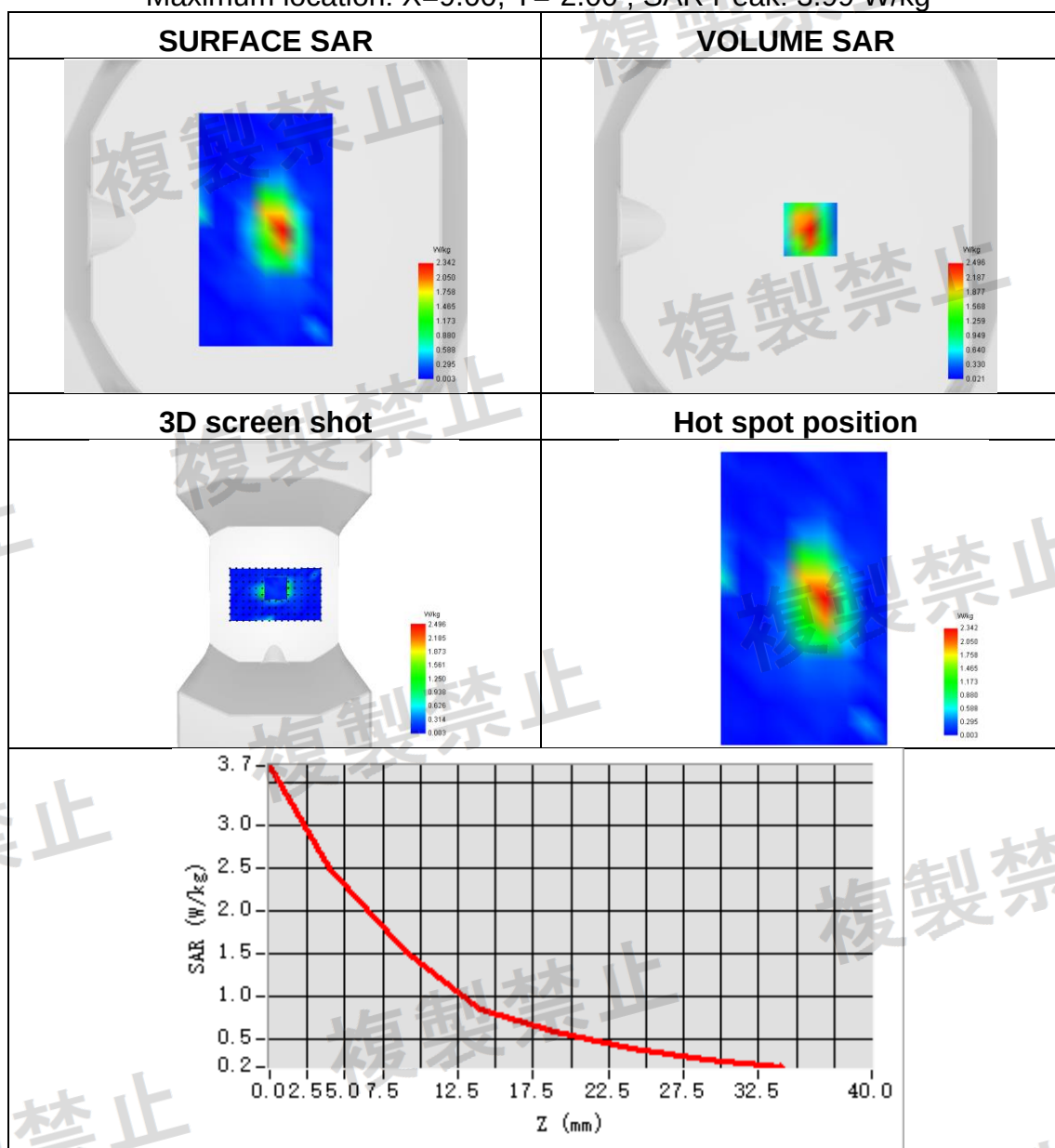




Plot 4:

Test Date	2026-03-23
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)	1.073
SAR 1g (W/Kg)	2.264

Maximum location: X=9.00, Y=-2.00 ; SAR Peak: 3.99 W/kg

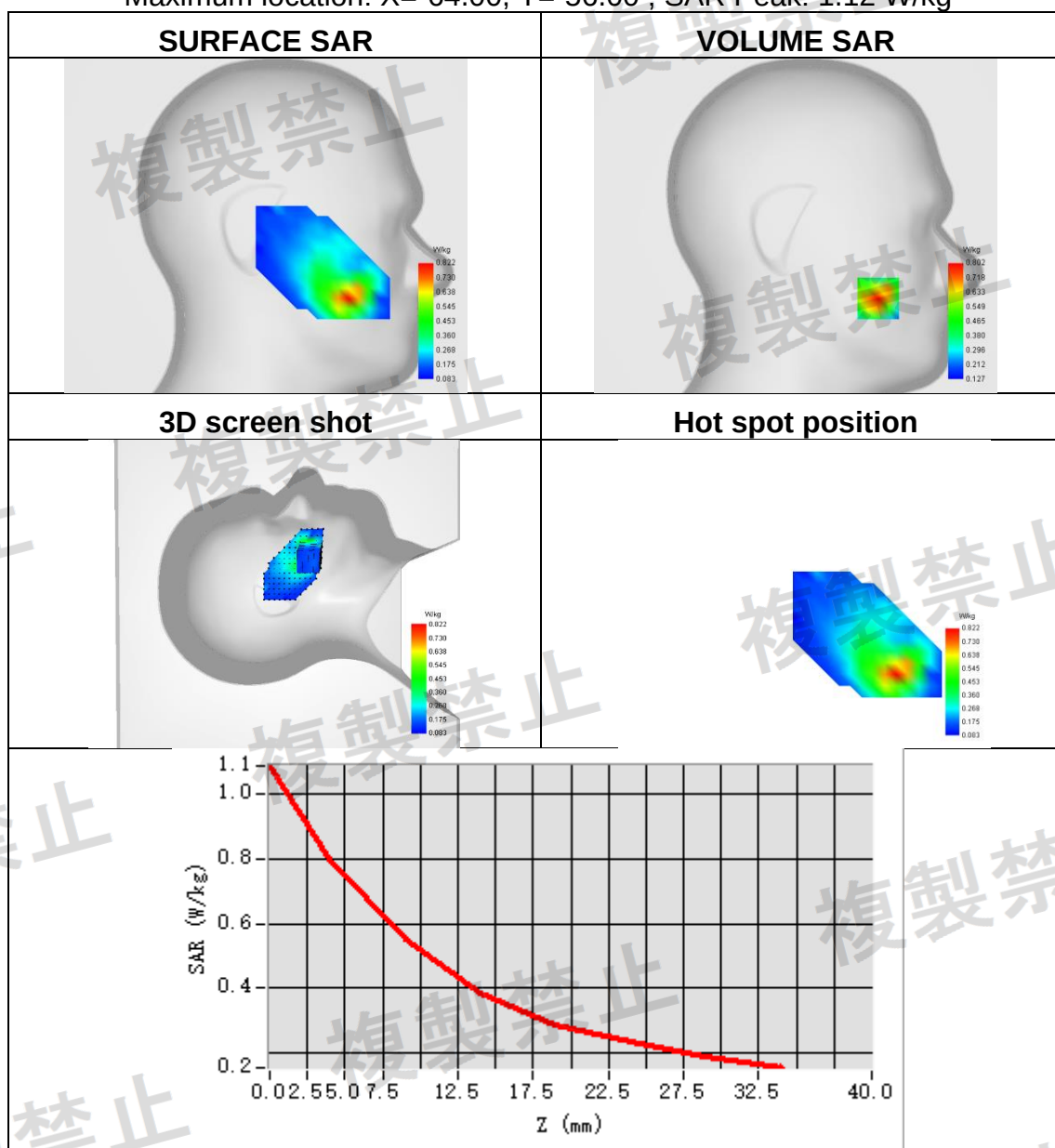




Plot 5:

Test Date	2026-03-24
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 5
Signal	LTE FDD
Frequency	840
SAR 10g (W/Kg)	0.468
SAR 1g (W/Kg)	0.743

Maximum location: X=-64.00, Y=-56.00 ; SAR Peak: 1.12 W/kg

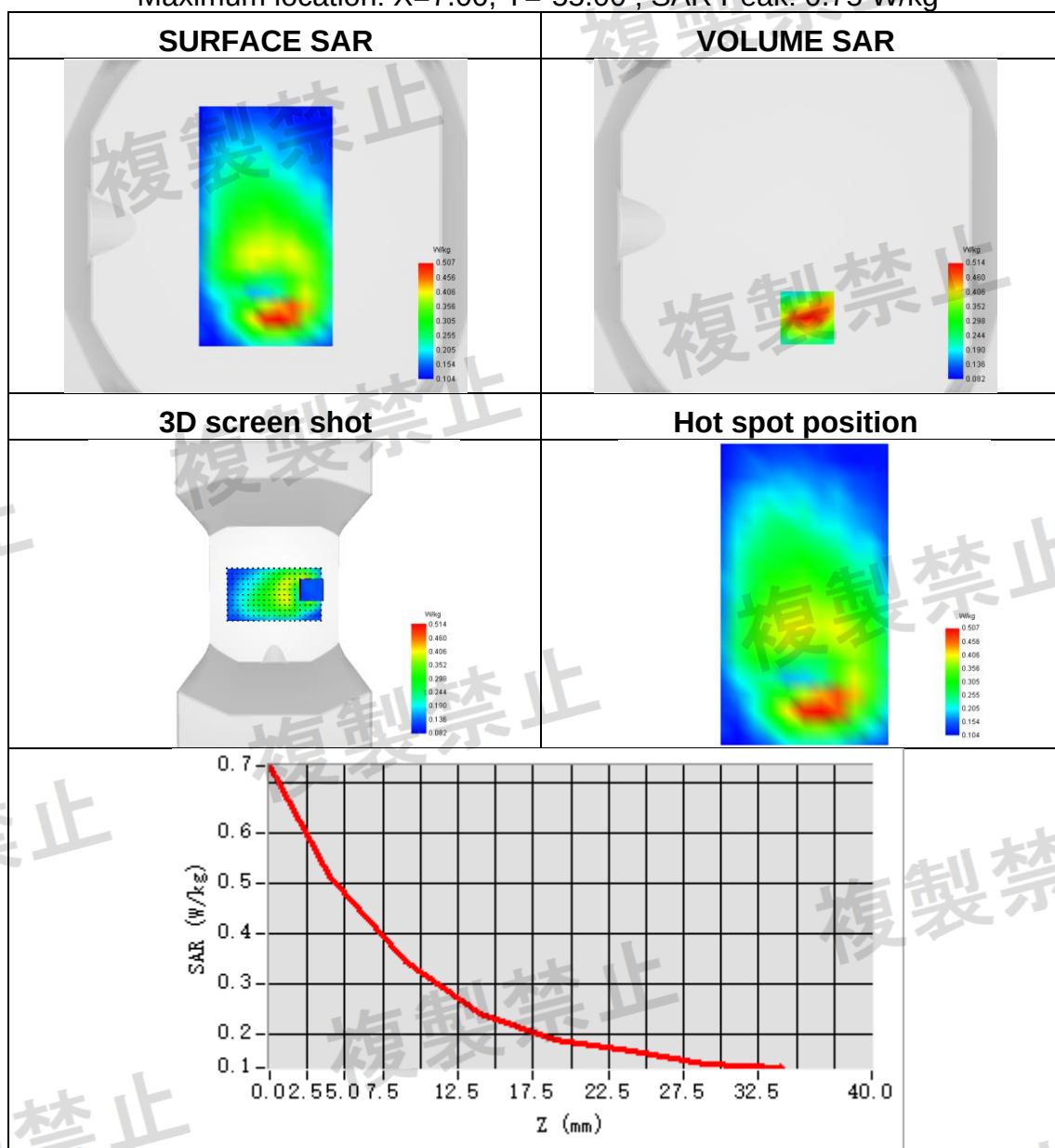




Plot 6:

Test Date	2026-03-24
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 5
Signal	LTE FDD
Frequency	840
SAR 10g (W/Kg)	0.309
SAR 1g (W/Kg)	0.490

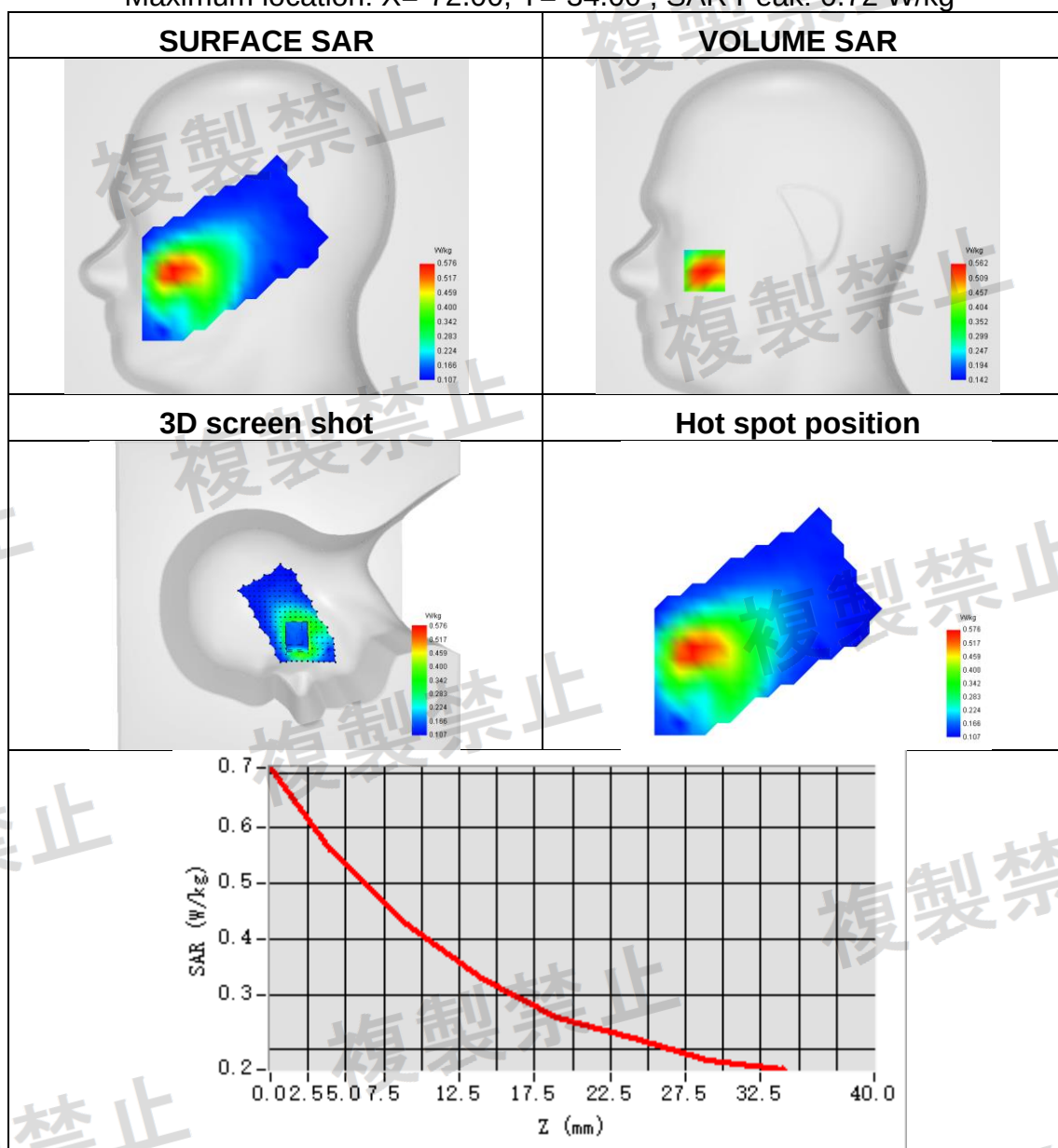
Maximum location: X=7.00, Y=-55.00 ; SAR Peak: 0.75 W/kg



Plot 7:

Test Date	2026-03-03
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 8
Signal	LTE FDD
Frequency	890
SAR 10g (W/Kg)	0.383
SAR 1g (W/Kg)	0.541

Maximum location: X=-72.00, Y=-34.00 ; SAR Peak: 0.72 W/kg

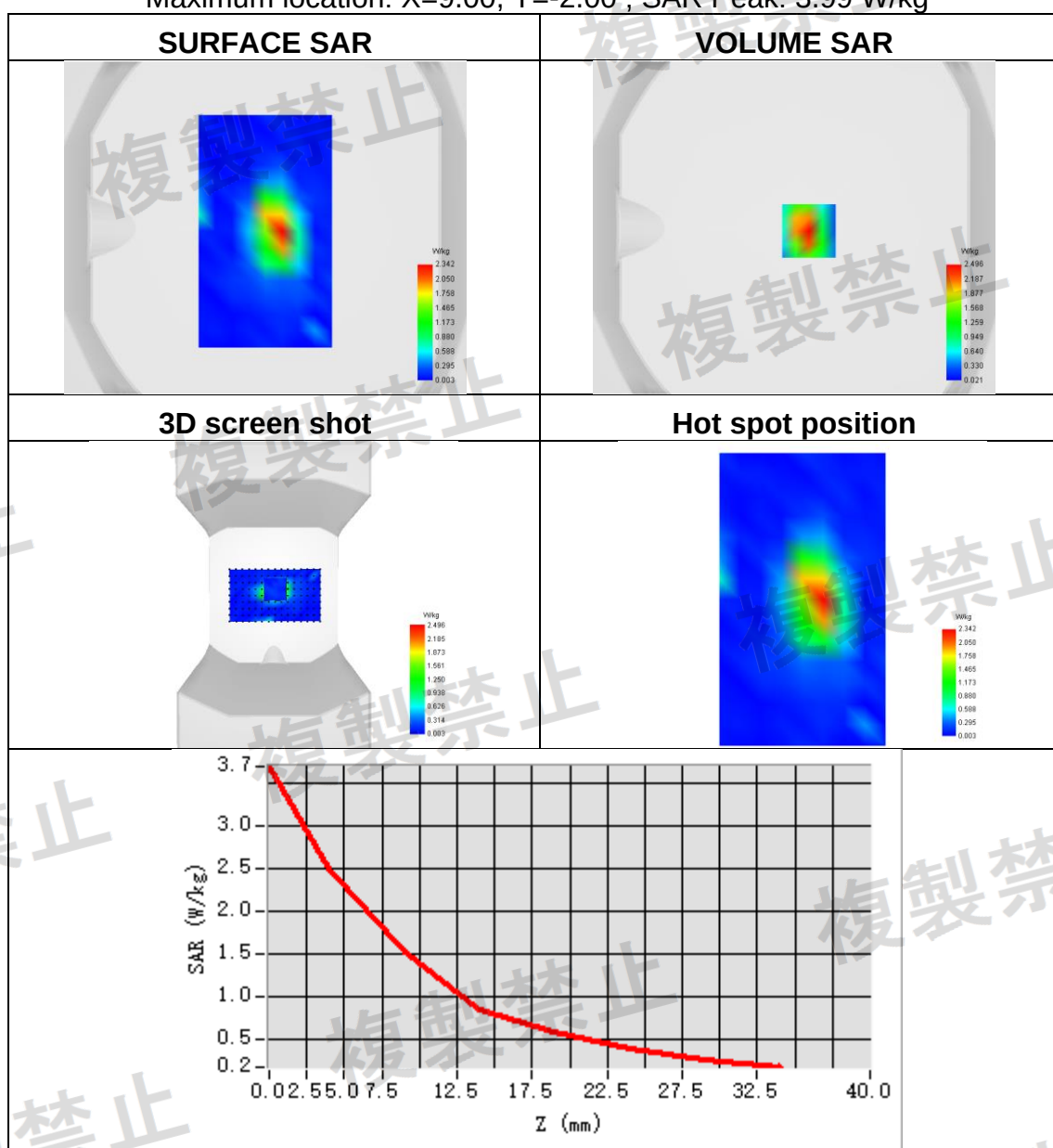




Plot 8:

Test Date	2026-03-03
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 8
Signal	LTE FDD
Frequency	1747.5
SAR 10g (W/Kg)	1.173
SAR 1g (W/Kg)	2.364

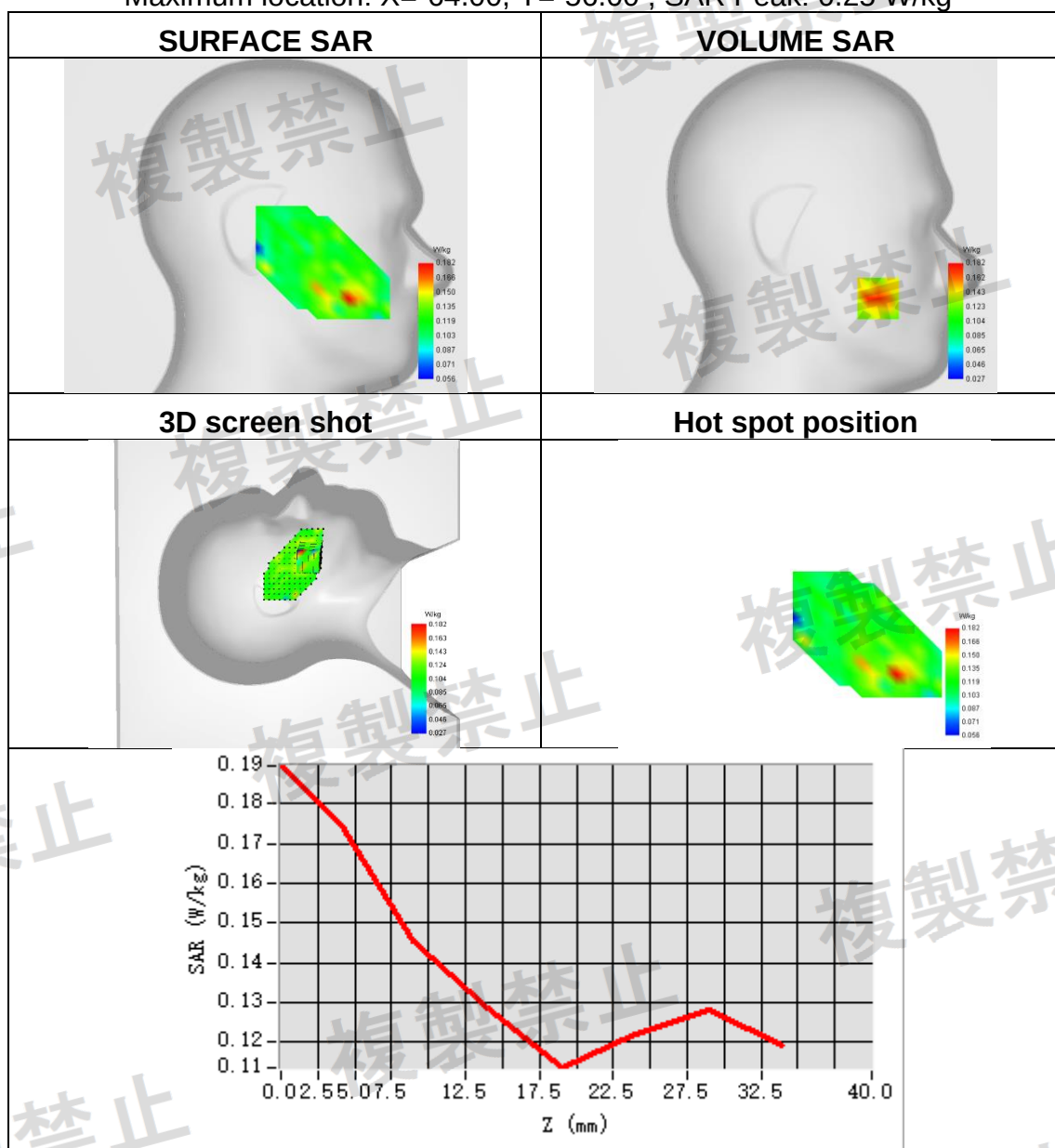
Maximum location: X=9.00, Y=-2.00 ; SAR Peak: 3.99 W/kg



Plot 9:

Test Date	2026-03-28
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 18
Signal	LTE FDD
Frequency	822.5
SAR 10g (W/Kg)	0.111
SAR 1g (W/Kg)	0.174

Maximum location: X=-64.00, Y=-56.00 ; SAR Peak: 0.25 W/kg

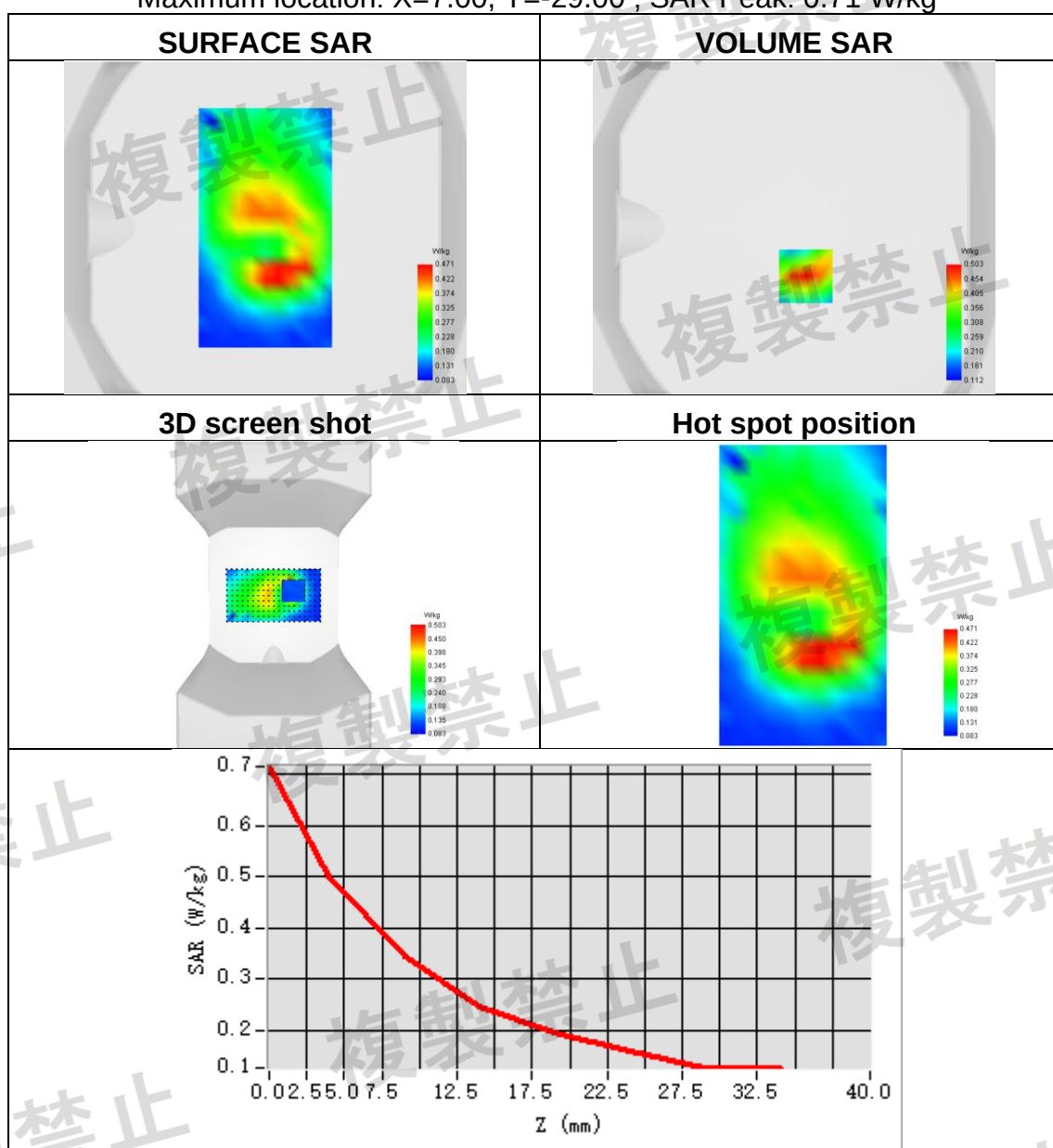




Plot 10:

Test Date	2026-03-28
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 18
Signal	LTE FDD
Frequency	822.5
SAR 10g (W/Kg)	0.299
SAR 1g (W/Kg)	0.473

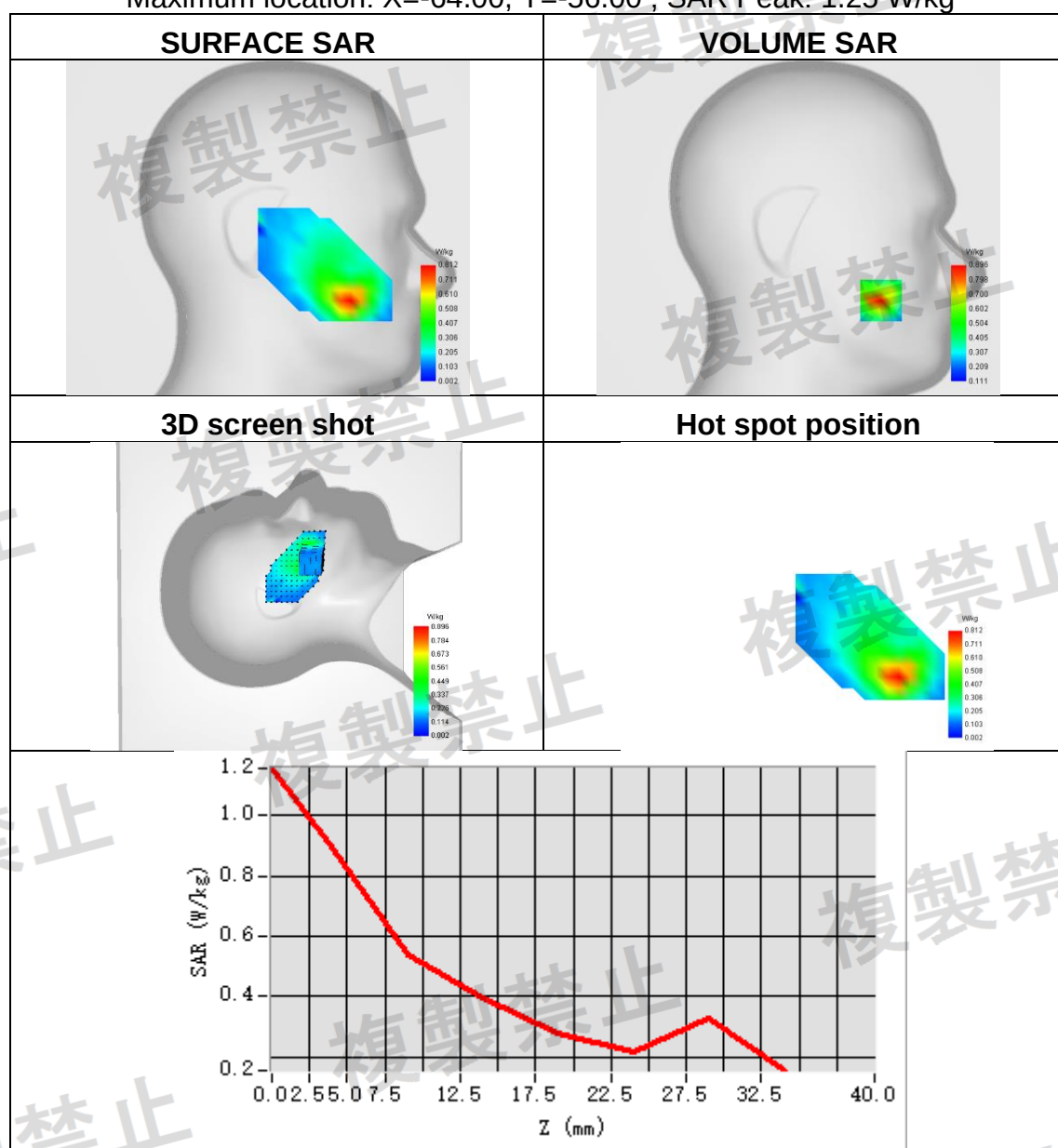
Maximum location: X=7.00, Y=-29.00 ; SAR Peak: 0.71 W/kg



Plot 11:

Test Date	2026-03-28
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 19
Signal	LTE FDD
Frequency	837.5
SAR 10g (W/Kg)	0.482
SAR 1g (W/Kg)	0.787

Maximum location: X=-64.00, Y=-56.00 ; SAR Peak: 1.25 W/kg

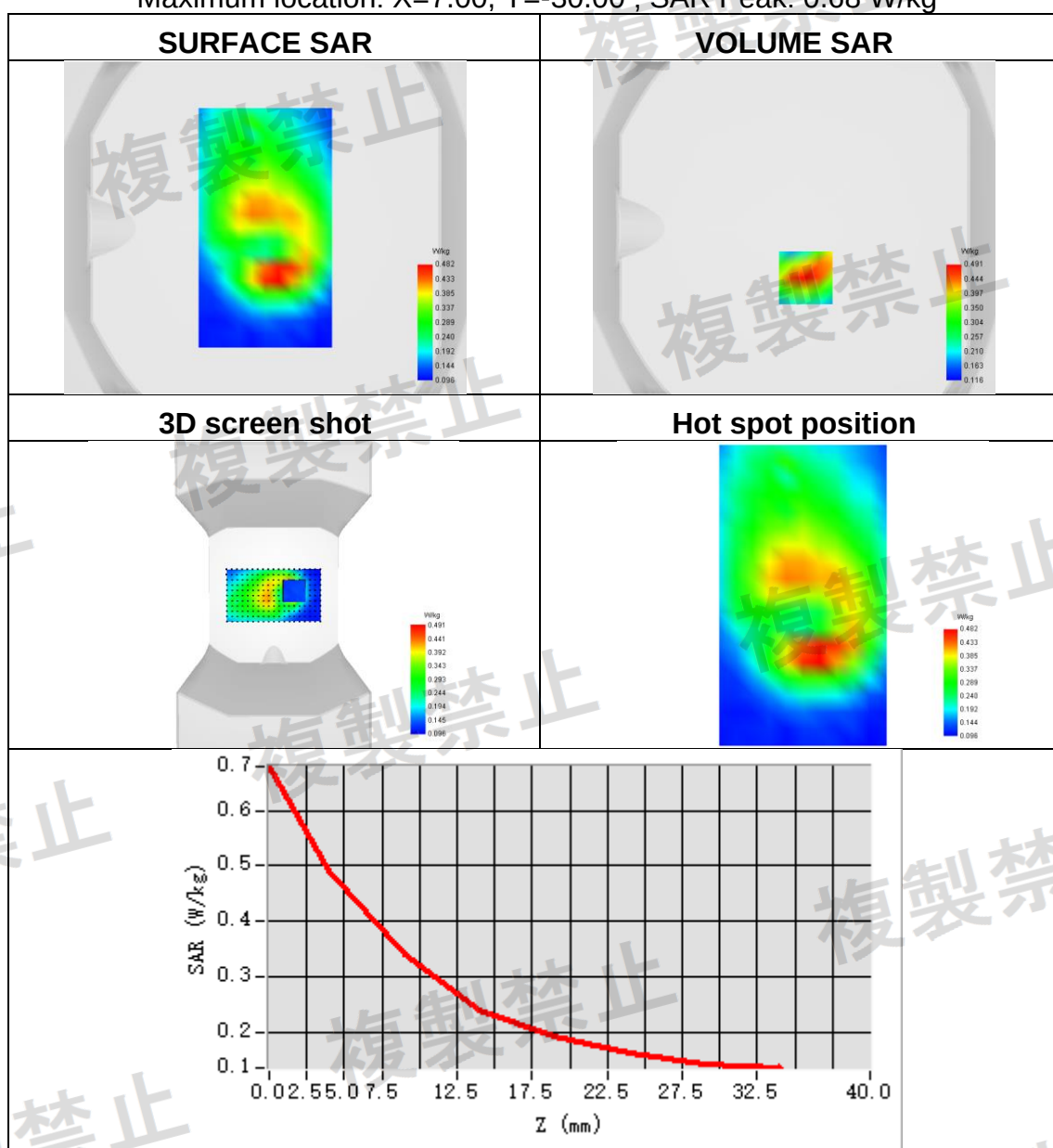




Plot 12:

Test Date	2026-03-28
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 19
Signal	LTE FDD
Frequency	837.5
SAR 10g (W/Kg)	0.302
SAR 1g (W/Kg)	0.467

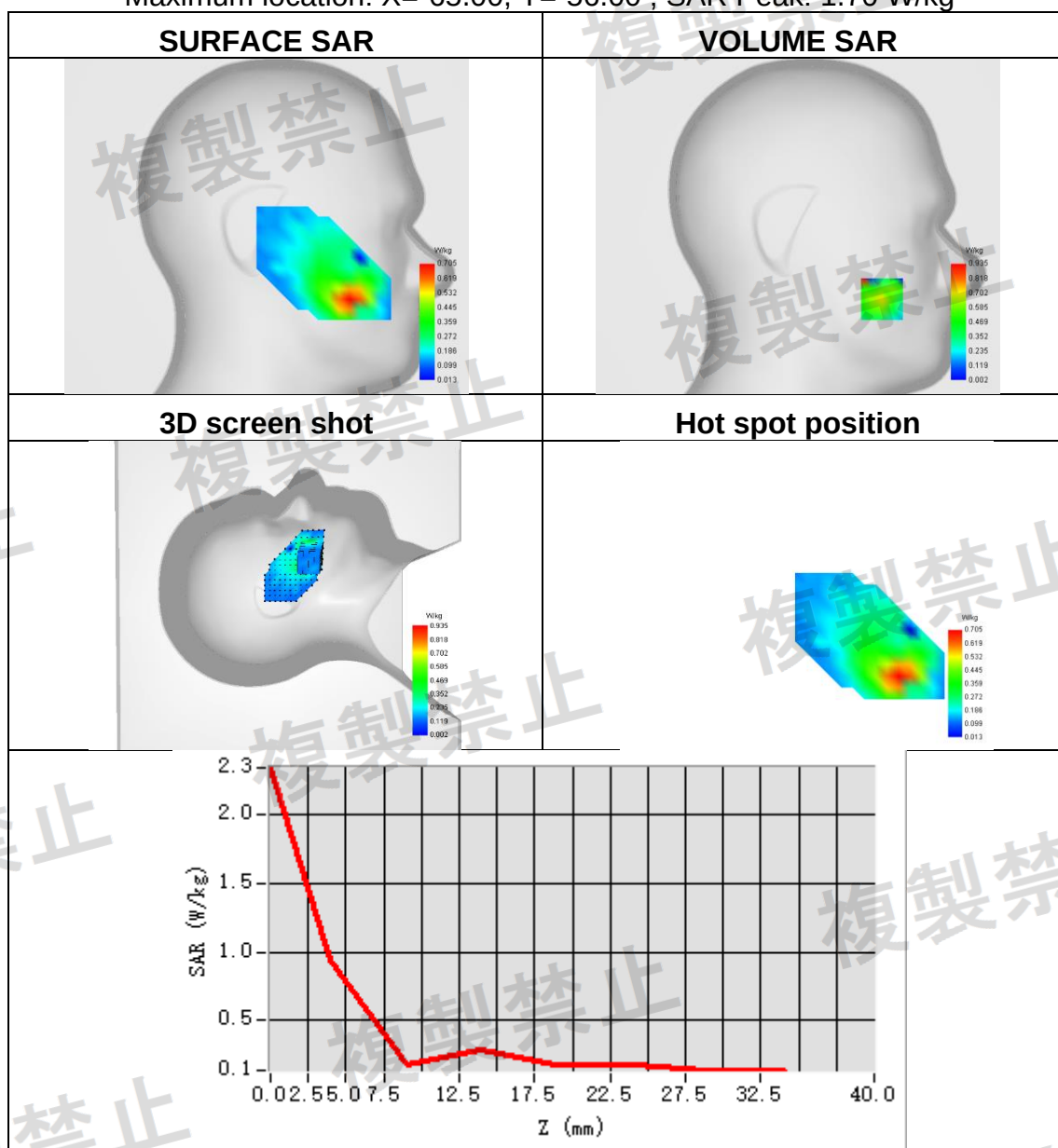
Maximum location: X=7.00, Y=-30.00 ; SAR Peak: 0.68 W/kg



Plot 13:

Test Date	2026-03-27
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 26
Signal	LTE FDD
Frequency	830
SAR 10g (W/Kg)	0.264
SAR 1g (W/Kg)	0.550

Maximum location: X=-65.00, Y=-56.00 ; SAR Peak: 1.70 W/kg

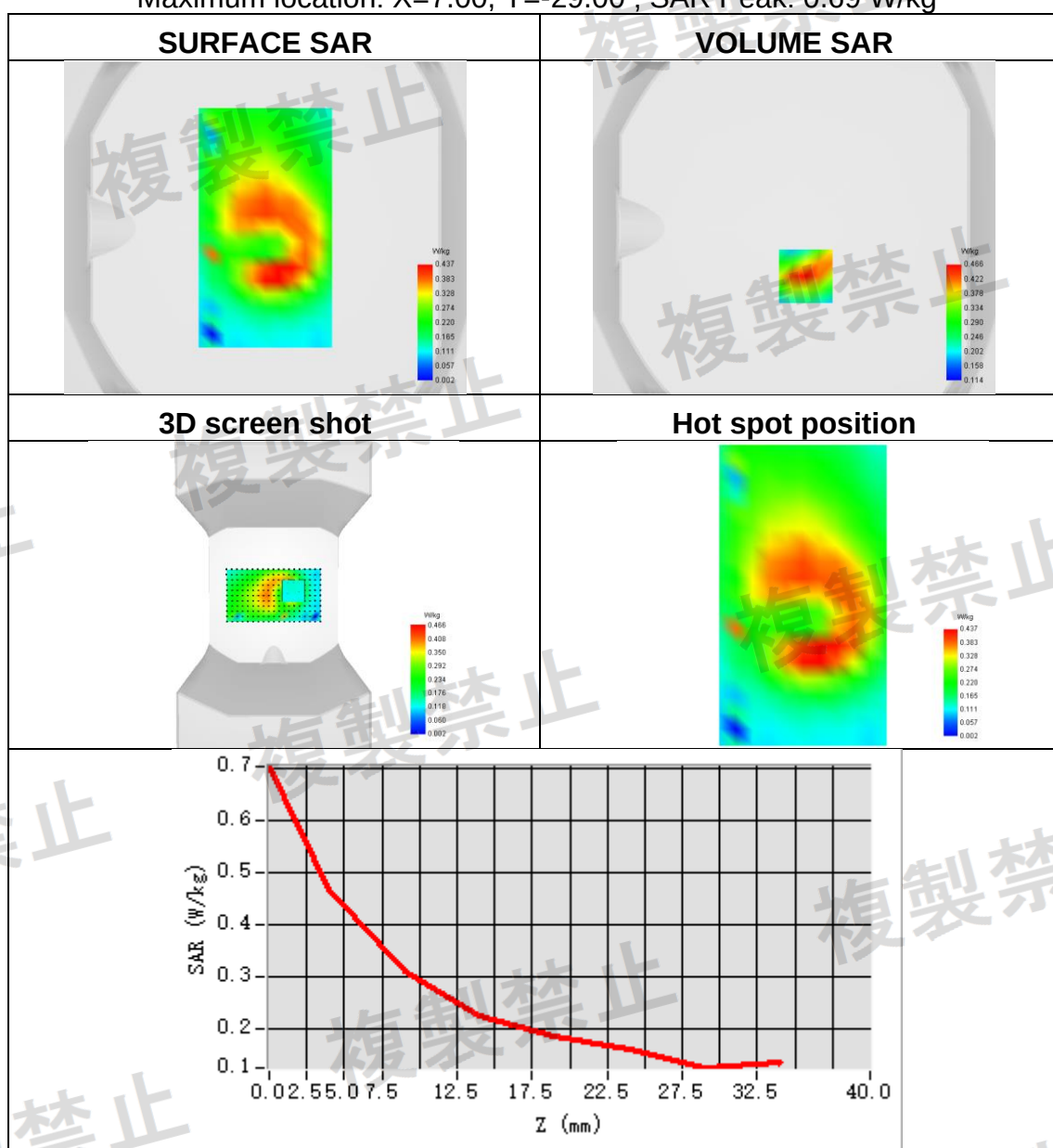




Plot 14:

Test Date	2026-03-27
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 26
Signal	LTE FDD
Frequency	830
SAR 10g (W/Kg)	0.282
SAR 1g (W/Kg)	0.446

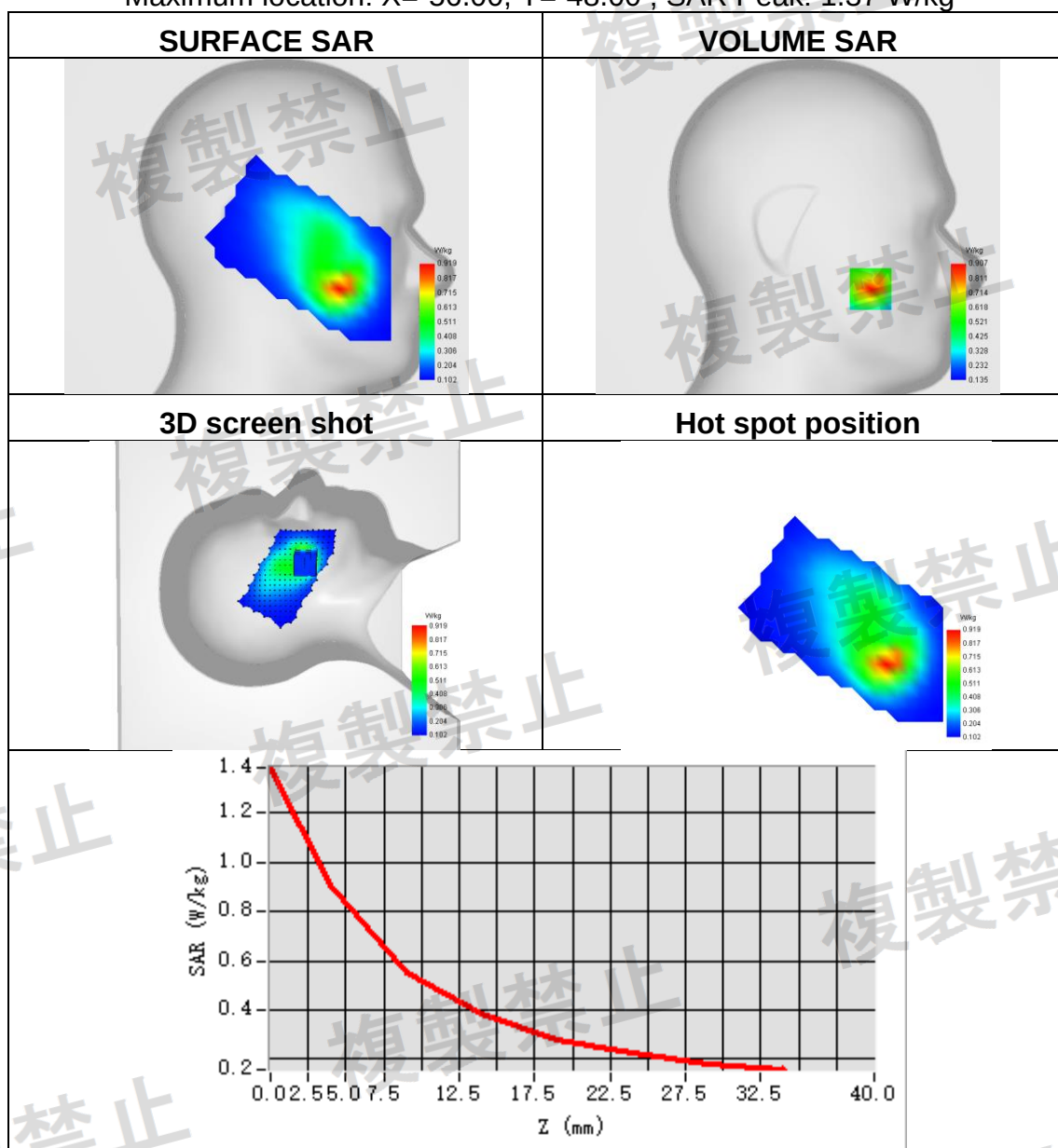
Maximum location: X=7.00, Y=-29.00 ; SAR Peak: 0.69 W/kg



Plot 15:

Test Date	2026-03-19
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 28
Signal	LTE FDD
Frequency	728
SAR 10g (W/Kg)	0.518
SAR 1g (W/Kg)	0.873

Maximum location: X=-56.00, Y=-48.00 ; SAR Peak: 1.37 W/kg

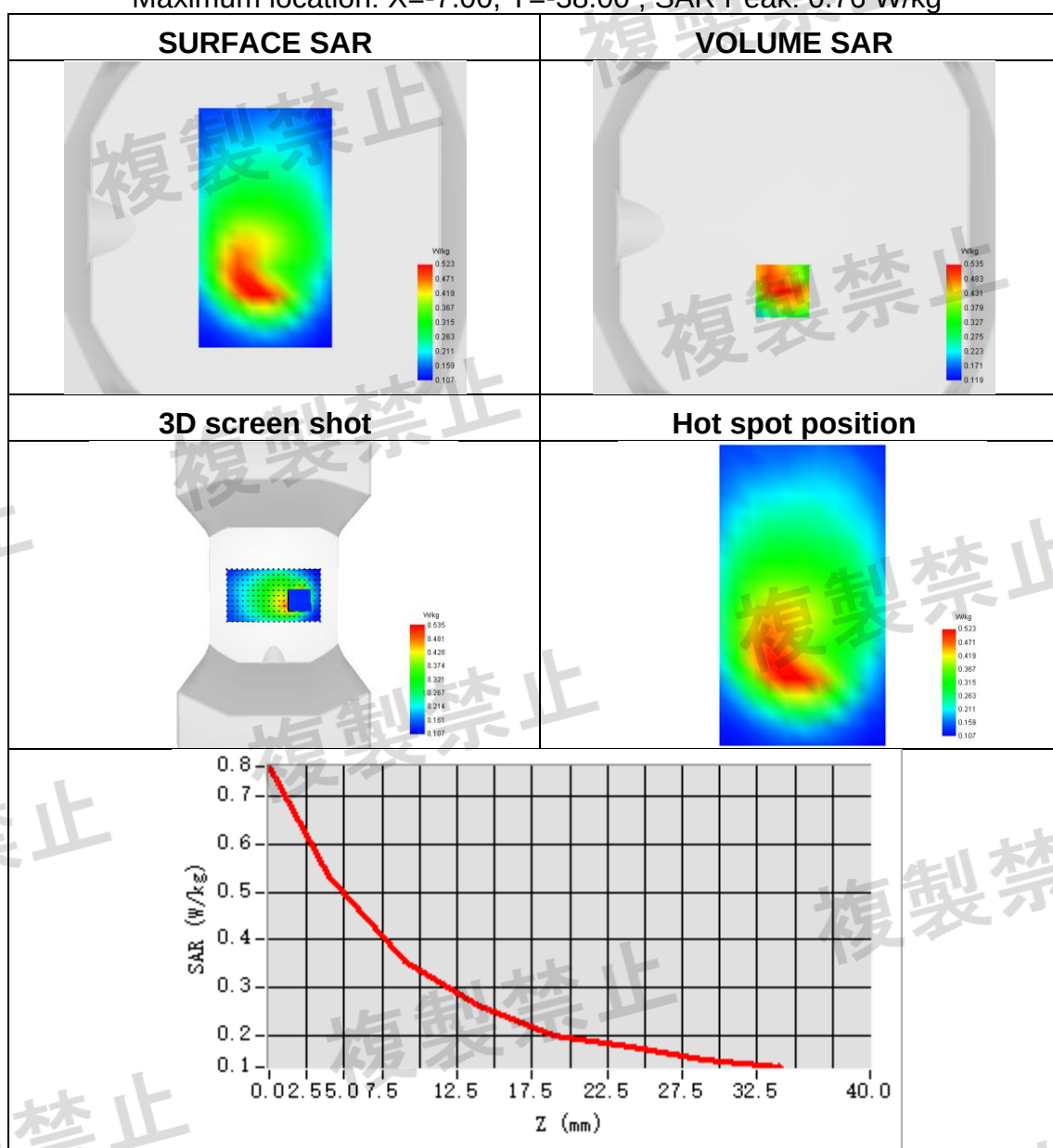




Plot 16:

Test Date	2026-03-19
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE band 28
Signal	LTE FDD
Frequency	728
SAR 10g (W/Kg)	0.311
SAR 1g (W/Kg)	0.519

Maximum location: X=-7.00, Y=-38.00 ; SAR Peak: 0.76 W/kg

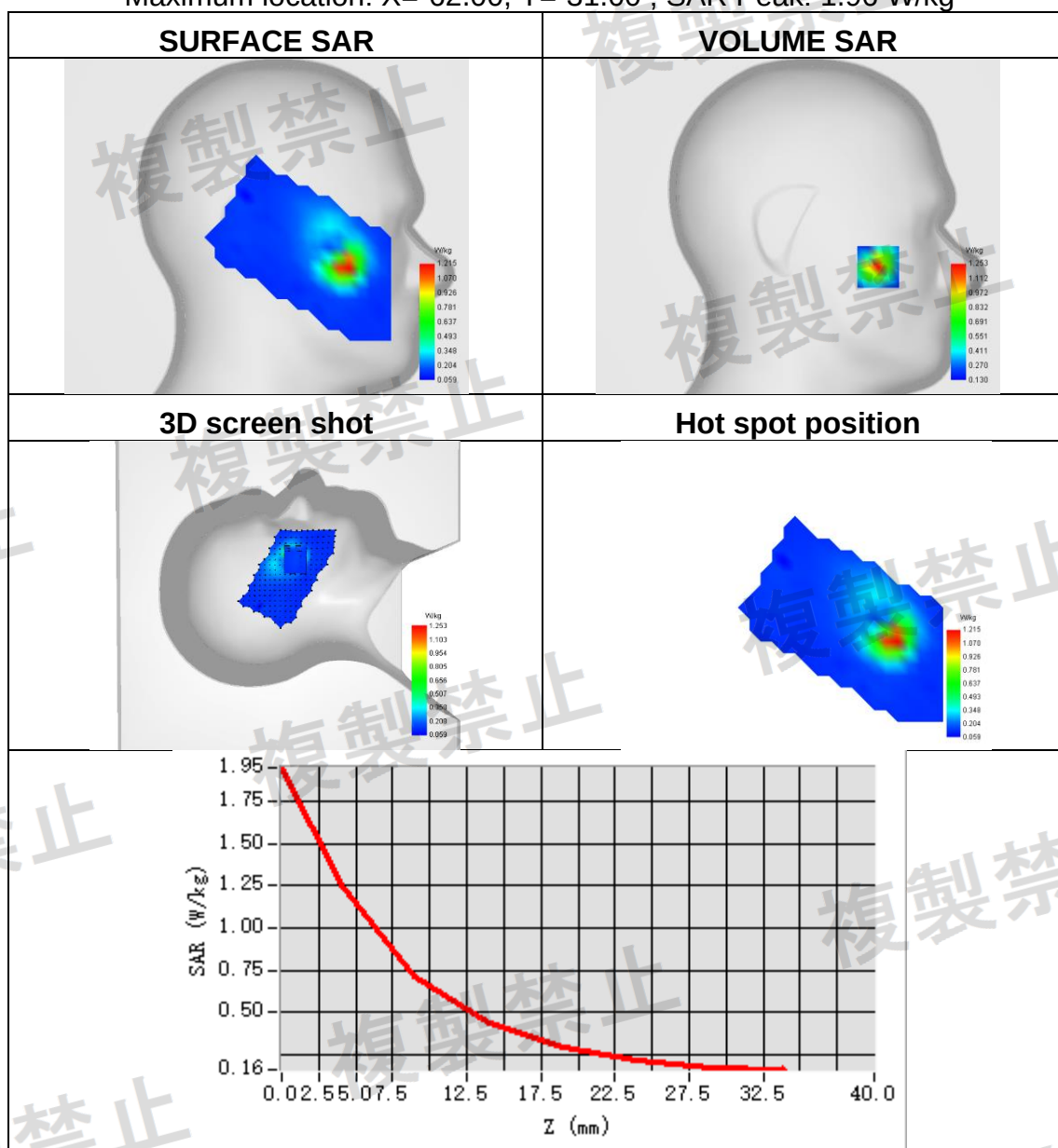




Plot 17:

Test Date	2026-03-22
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 34
Signal	LTE TDD
Frequency	2017.5
SAR 10g (W/Kg)	0.572
SAR 1g (W/Kg)	1.128

Maximum location: X=-62.00, Y=-31.00 ; SAR Peak: 1.96 W/kg

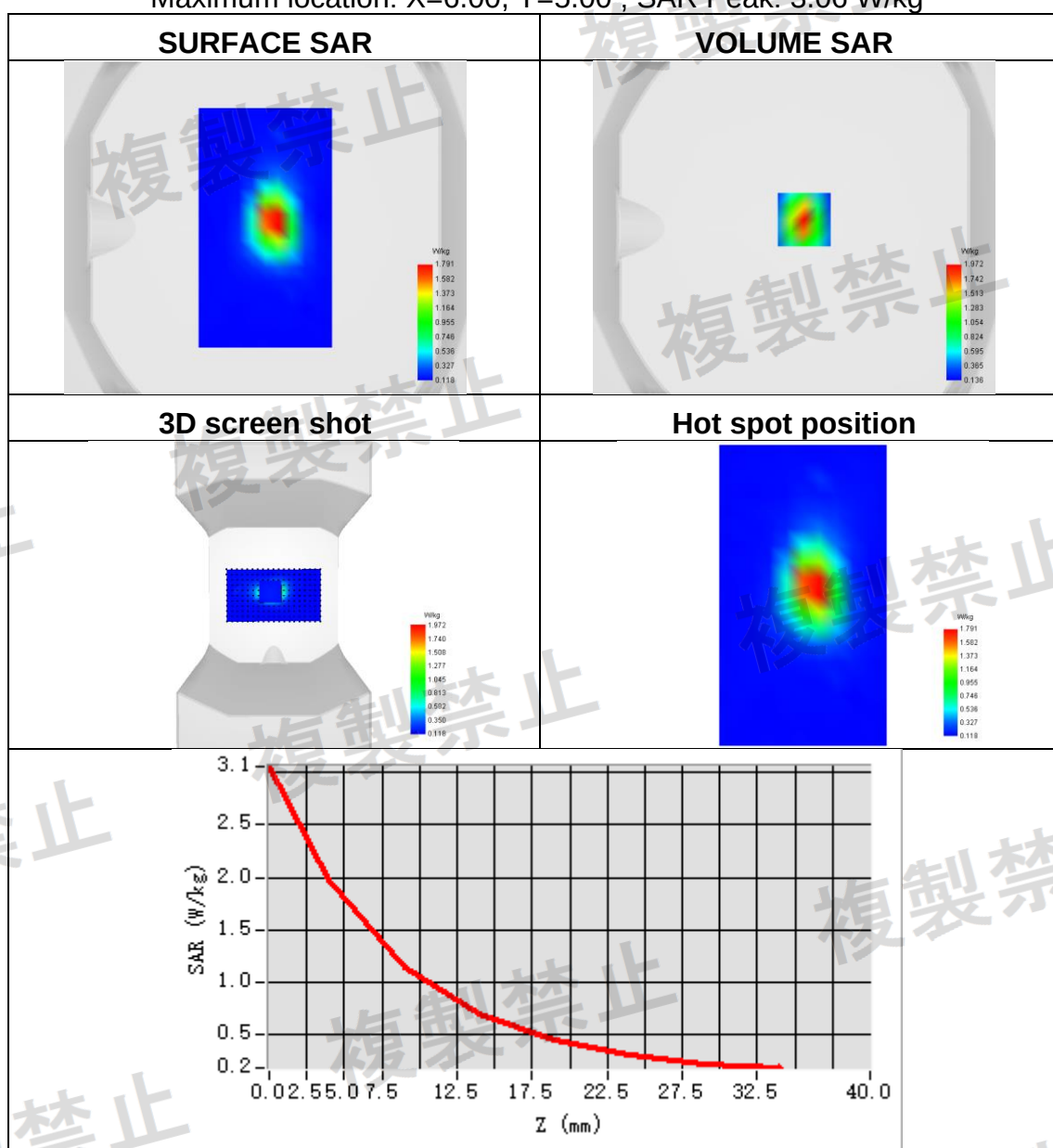




Plot 18:

Test Date	2026-03-22
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	2017.5
SAR 10g (W/Kg)	0.884
SAR 1g (W/Kg)	1.785

Maximum location: X=6.00, Y=5.00 ; SAR Peak: 3.06 W/kg

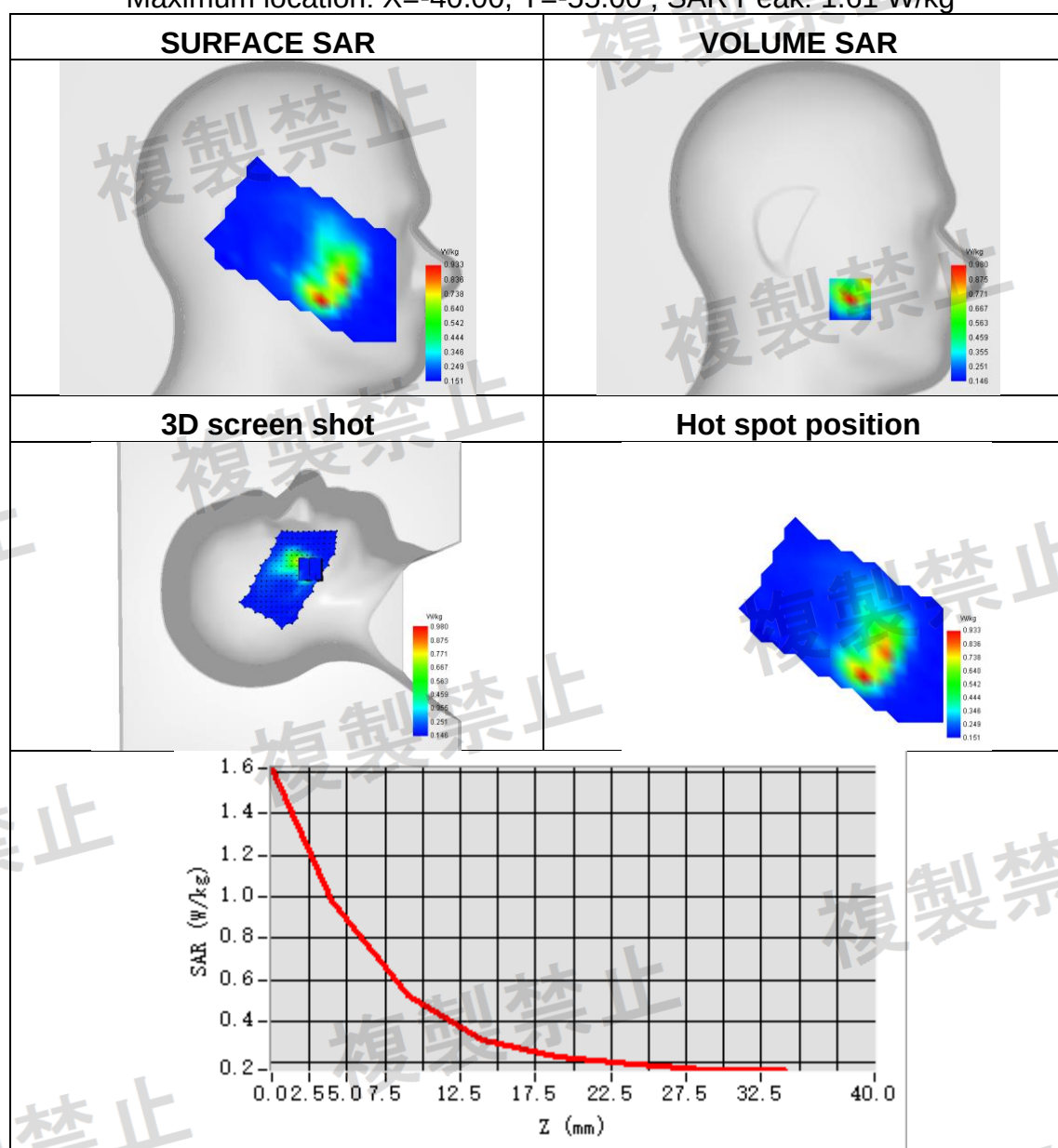




Plot 19:

Test Date	2026-03-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 38
Signal	LTE TDD
Frequency	2610
SAR 10g (W/Kg)	0.377
SAR 1g (W/Kg)	0.856

Maximum location: X=-40.00, Y=-55.00 ; SAR Peak: 1.61 W/kg

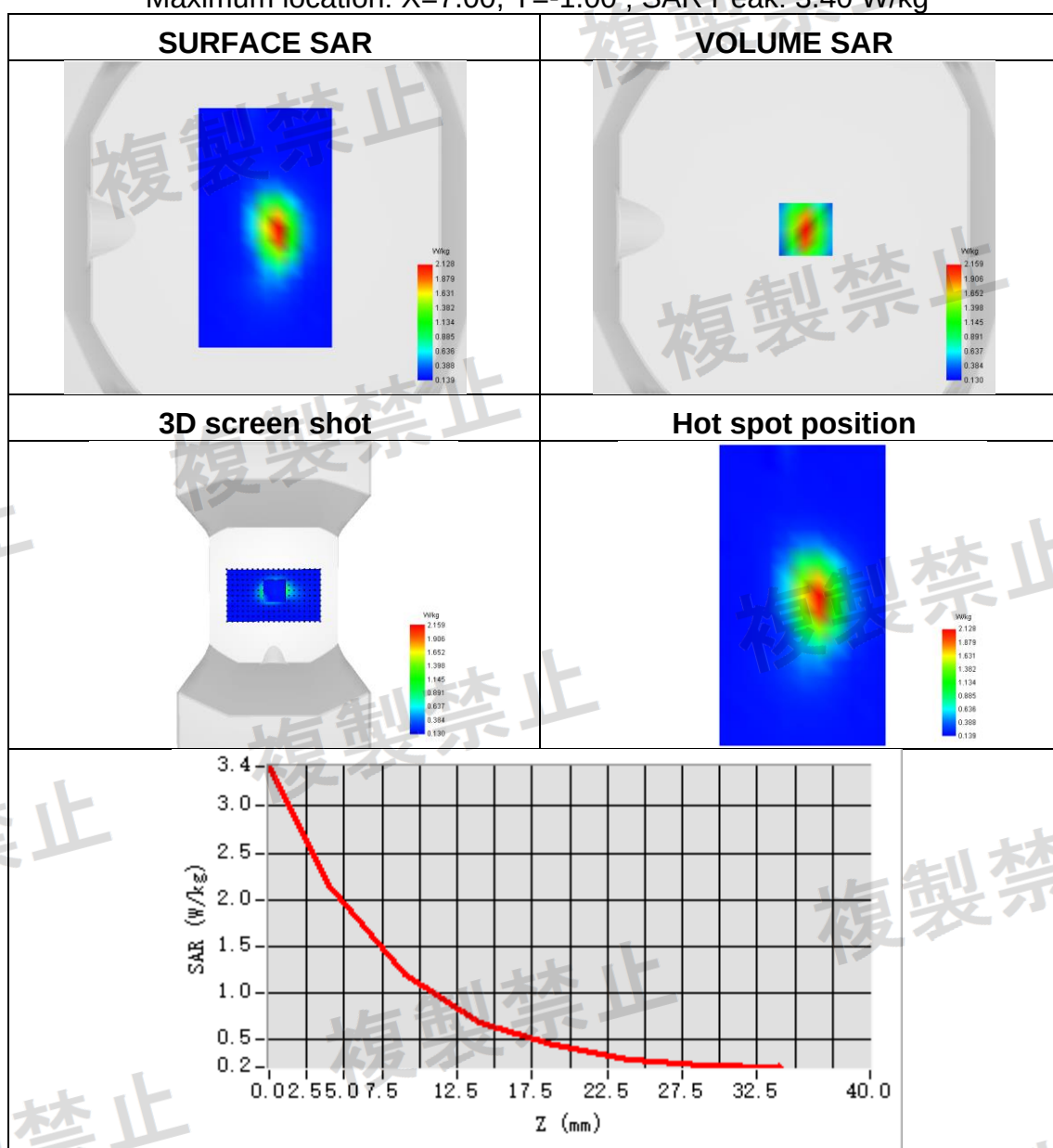




Plot 20:

Test Date	2026-03-18
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)	0.979
SAR 1g (W/Kg)	1.969

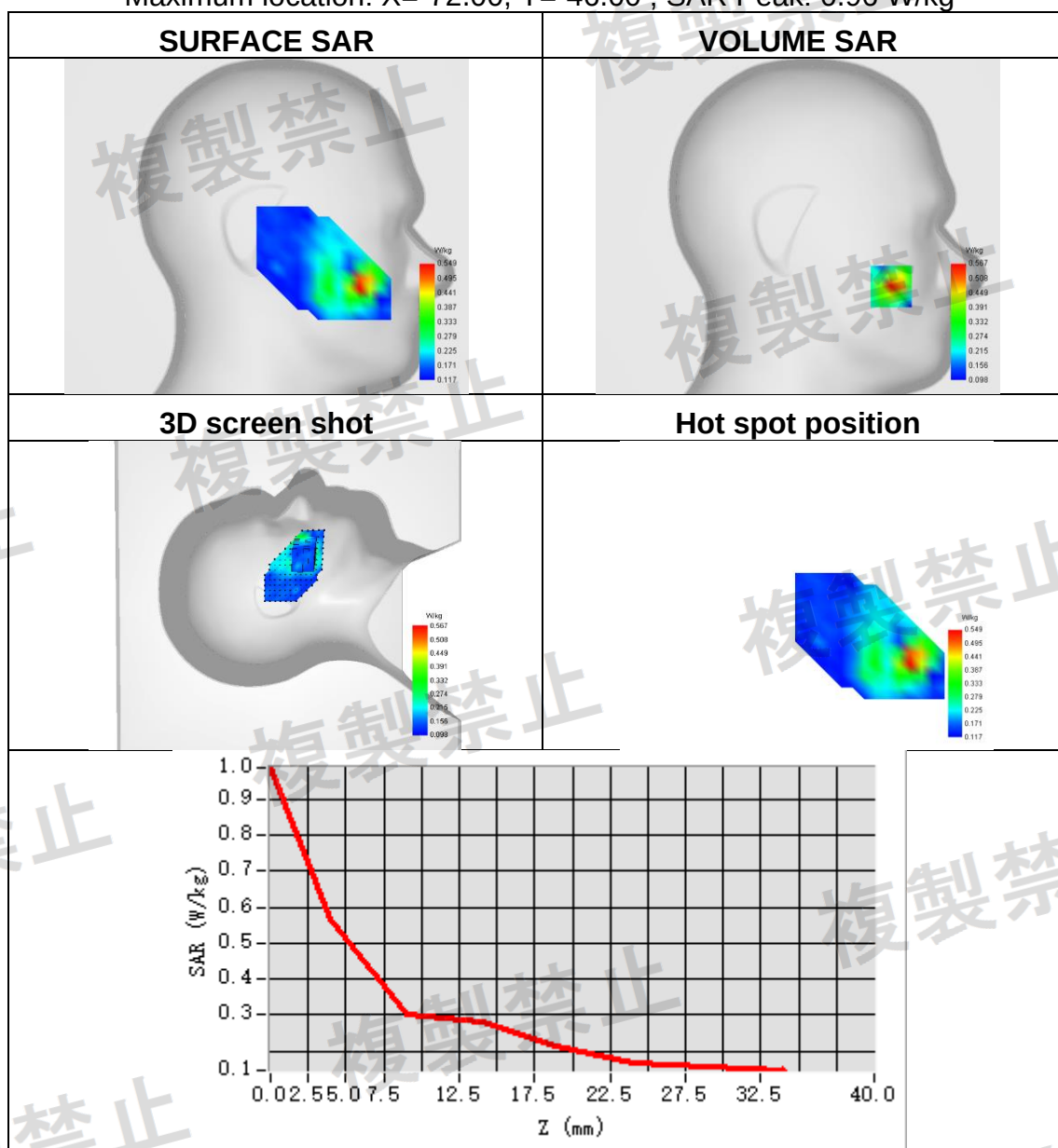
Maximum location: X=7.00, Y=-1.00 ; SAR Peak: 3.40 W/kg



Plot 21:

Test Date	2026-03-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 39
Signal	LTE TDD
Frequency	1911.6
SAR 10g (W/Kg)	0.309
SAR 1g (W/Kg)	0.549

Maximum location: X=-72.00, Y=-46.00 ; SAR Peak: 0.96 W/kg

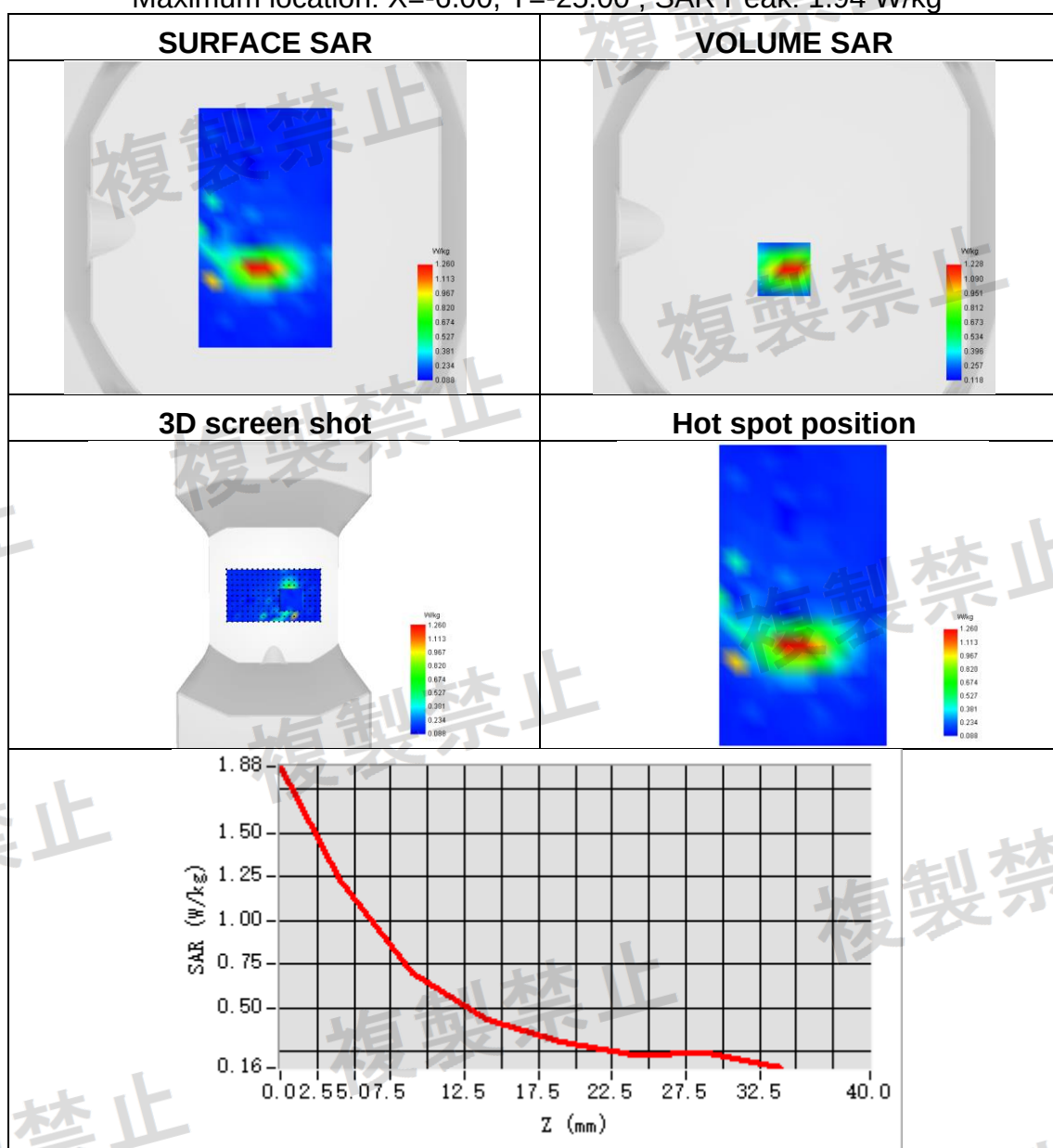




Plot 22:

Test Date	2026-03-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 39
Signal	LTE TDD
Frequency	1911.6
SAR 10g (W/Kg)	0.594
SAR 1g (W/Kg)	1.136

Maximum location: X=-6.00, Y=-25.00 ; SAR Peak: 1.94 W/kg

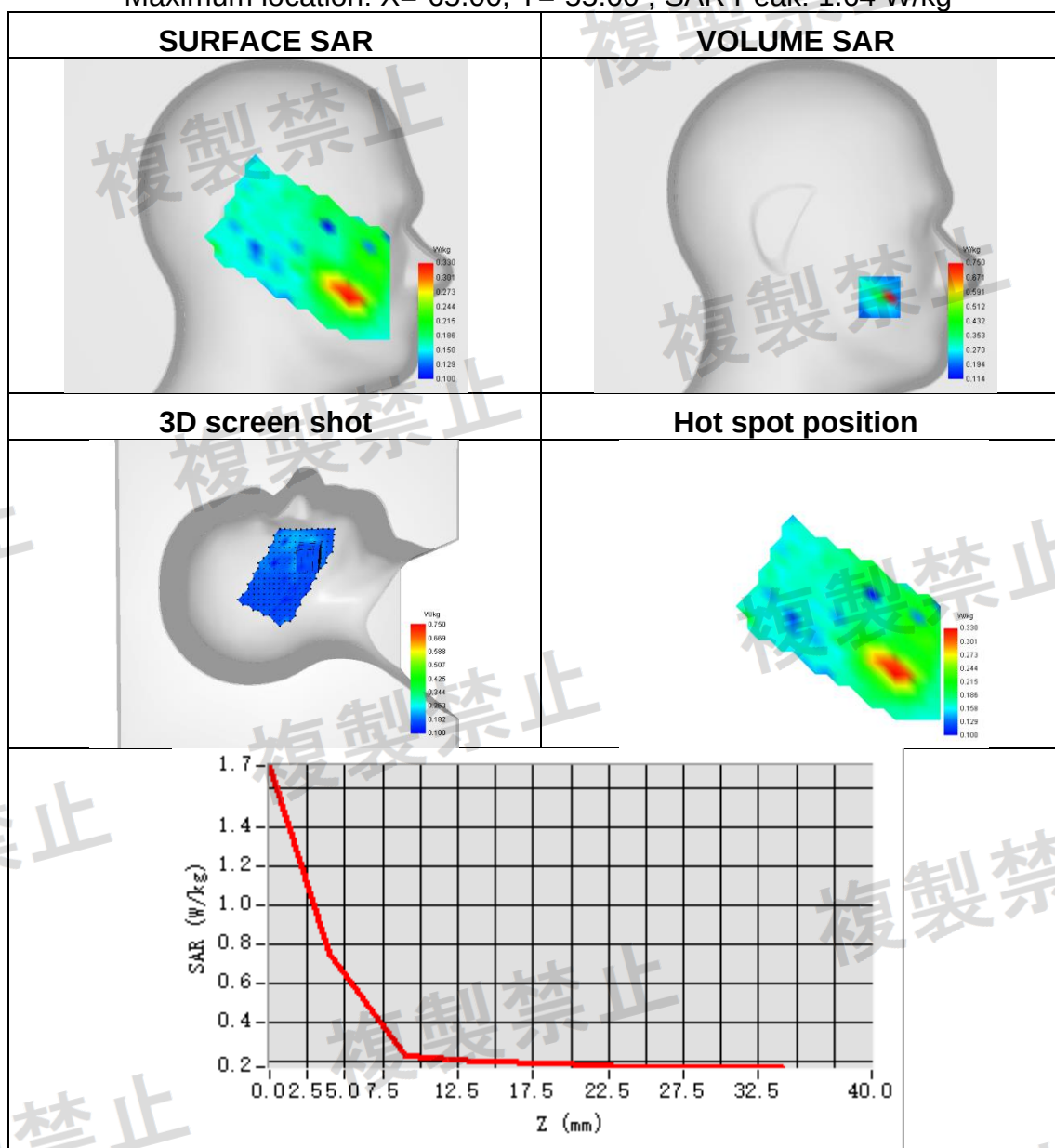




Plot 23:

Test Date	2026-03-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 41
Signal	LTE TDD
Frequency	2680
SAR 10g (W/Kg)	0.272
SAR 1g (W/Kg)	0.625

Maximum location: X=-65.00, Y=-55.00 ; SAR Peak: 1.64 W/kg

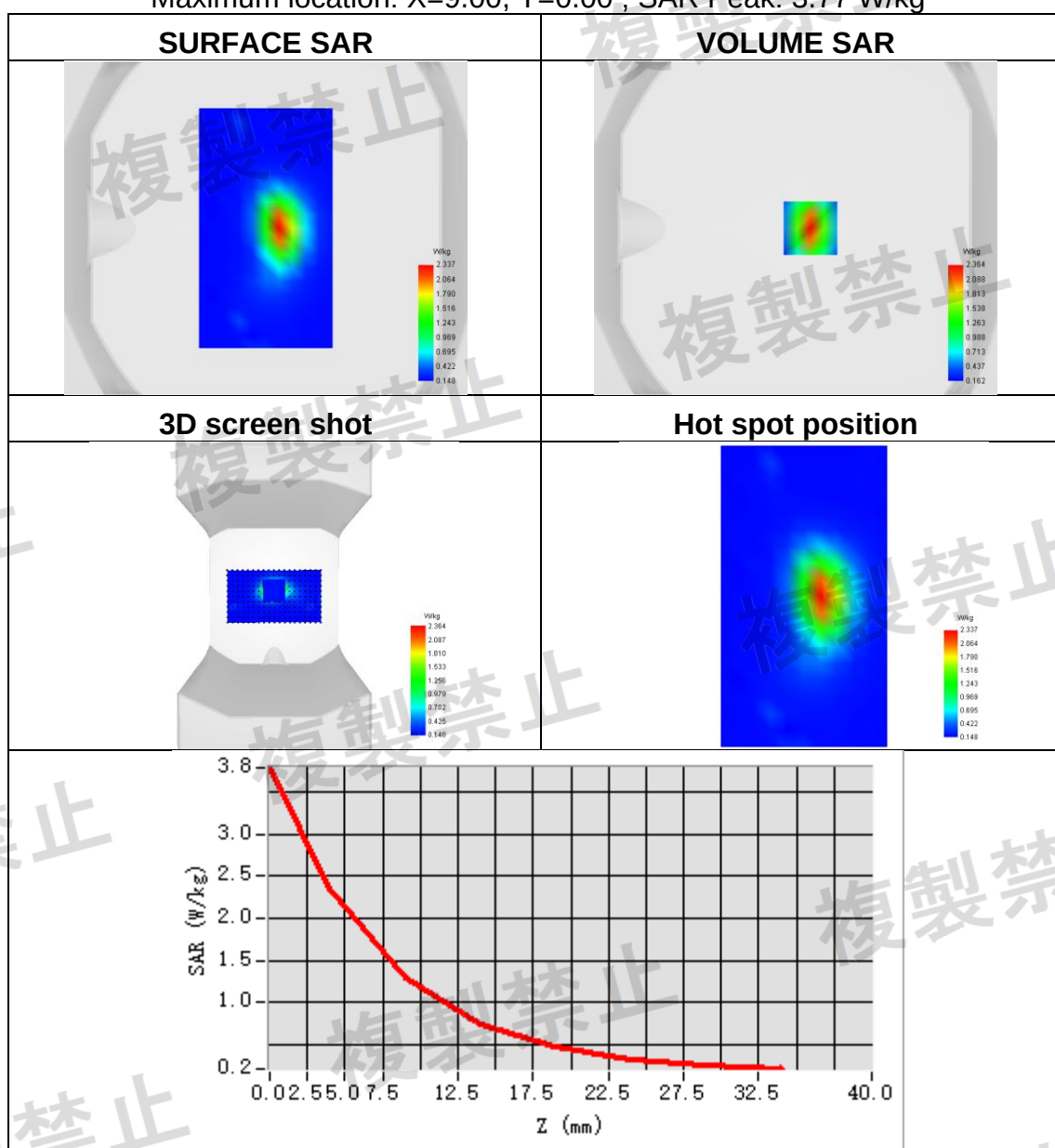




Plot 24:

Test Date	2026-03-18
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 41
Signal	LTE TDD
Frequency	2680
SAR 10g (W/Kg)	1.056
SAR 1g (W/Kg)	2.152

Maximum location: X=9.00, Y=0.00 ; SAR Peak: 3.77 W/kg

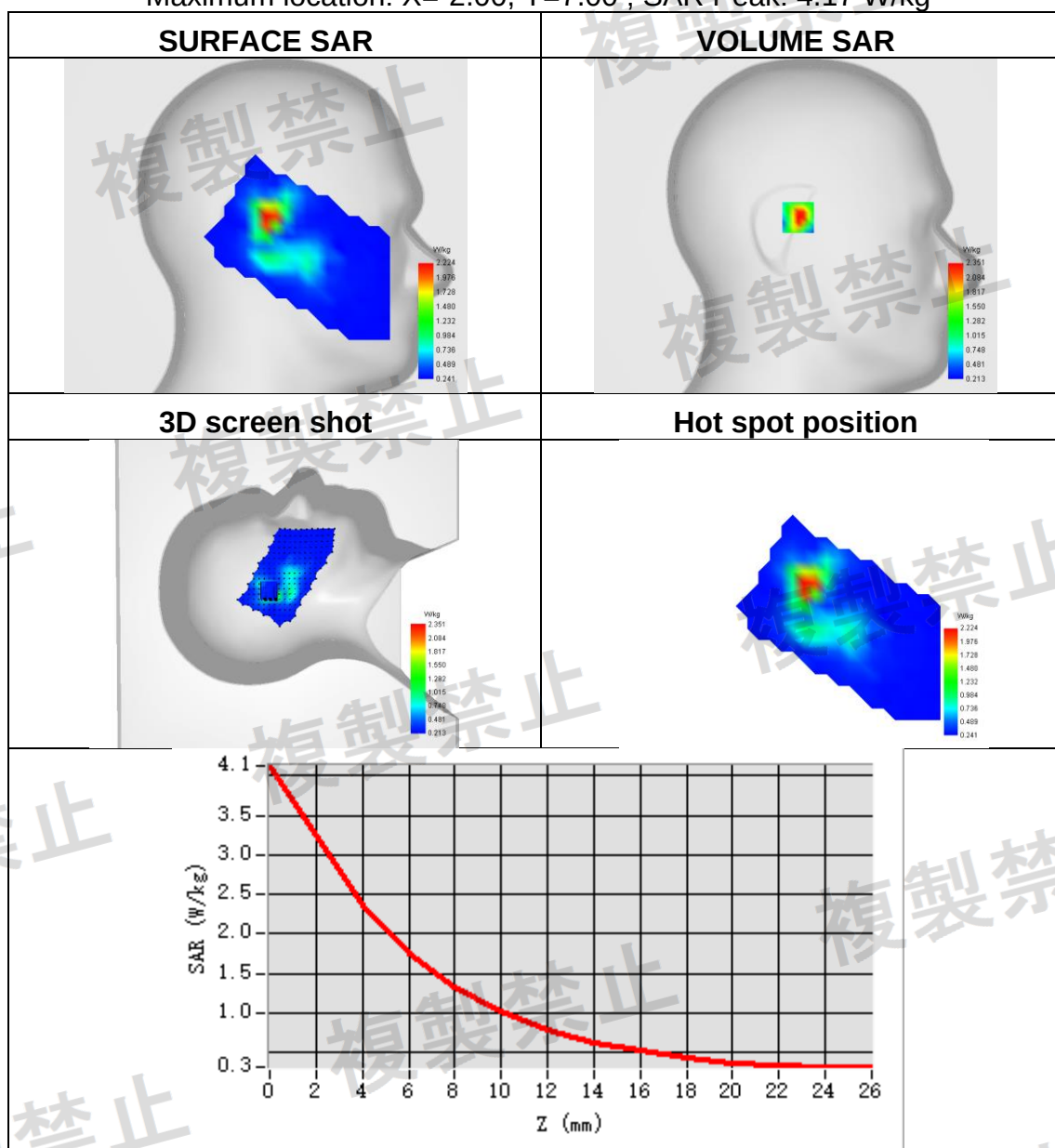




Plot 25:

Test Date	2026-03-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 42
Signal	LTE TDD
Frequency	3590
SAR 10g (W/Kg)	0.990
SAR 1g (W/Kg)	2.154

Maximum location: X=-2.00, Y=7.00 ; SAR Peak: 4.17 W/kg

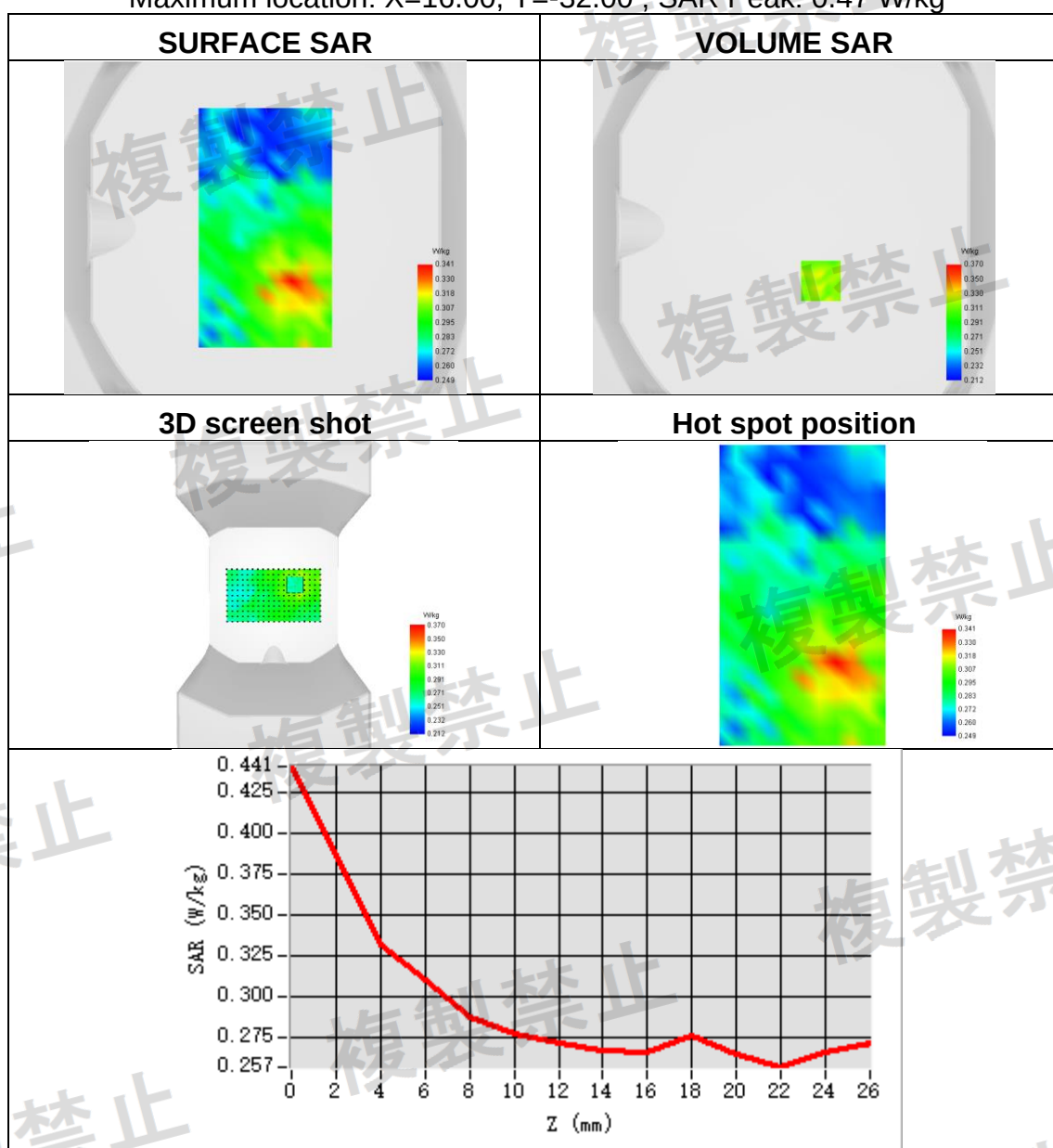




Plot 26:

Test Date	2026-03-21
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 42
Signal	LTE TDD
Frequency	3590
SAR 10g (W/Kg)	0.194
SAR 1g (W/Kg)	0.319

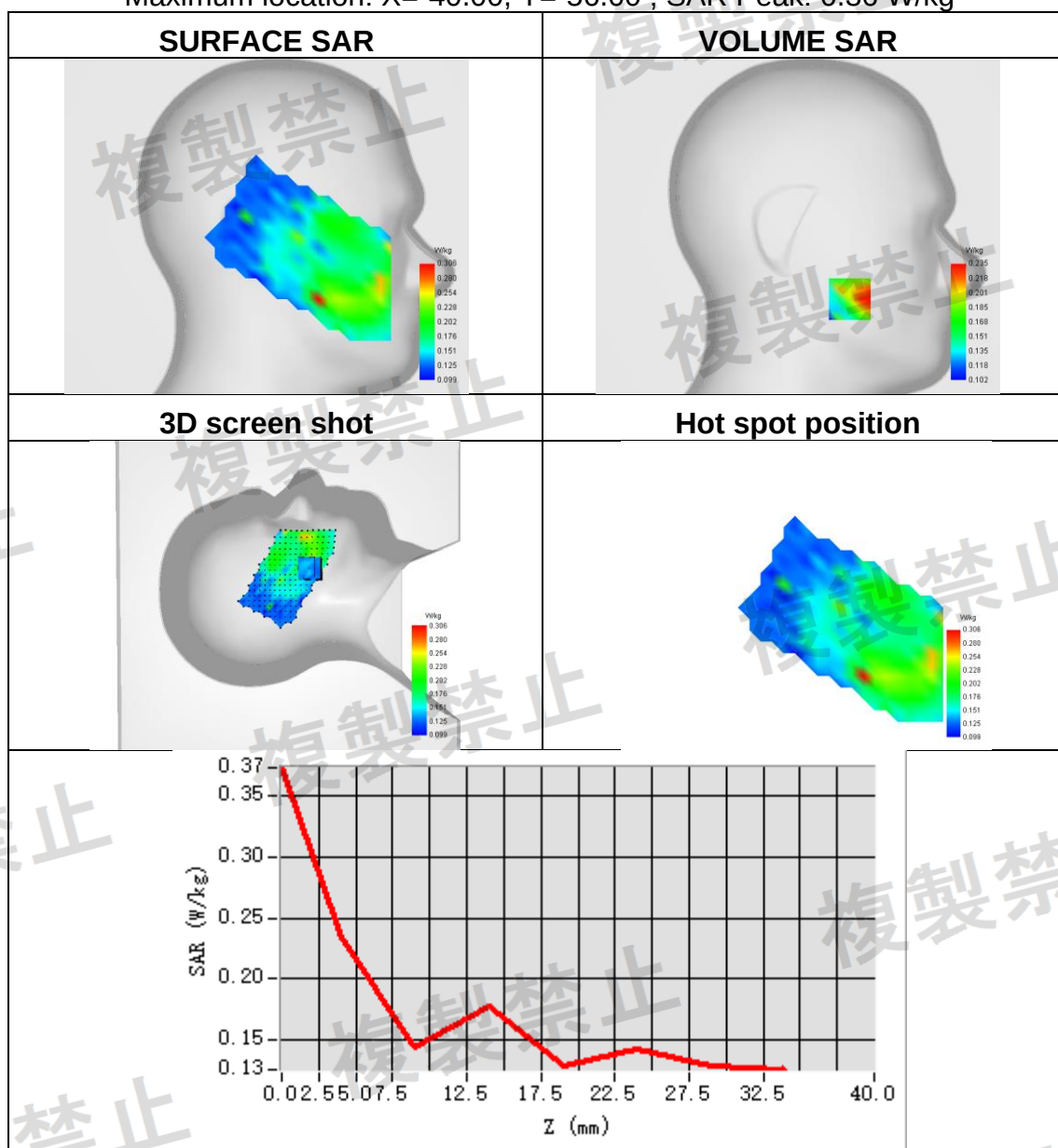
Maximum location: X=16.00, Y=-32.00 ; SAR Peak: 0.47 W/kg



Plot 27:

Test Date	2026-03-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	NR band 1
Signal	NR FDD
Frequency	1930
SAR 10g (W/Kg)	0.144
SAR 1g (W/Kg)	0.223

Maximum location: X=-40.00, Y=-56.00 ; SAR Peak: 0.36 W/kg

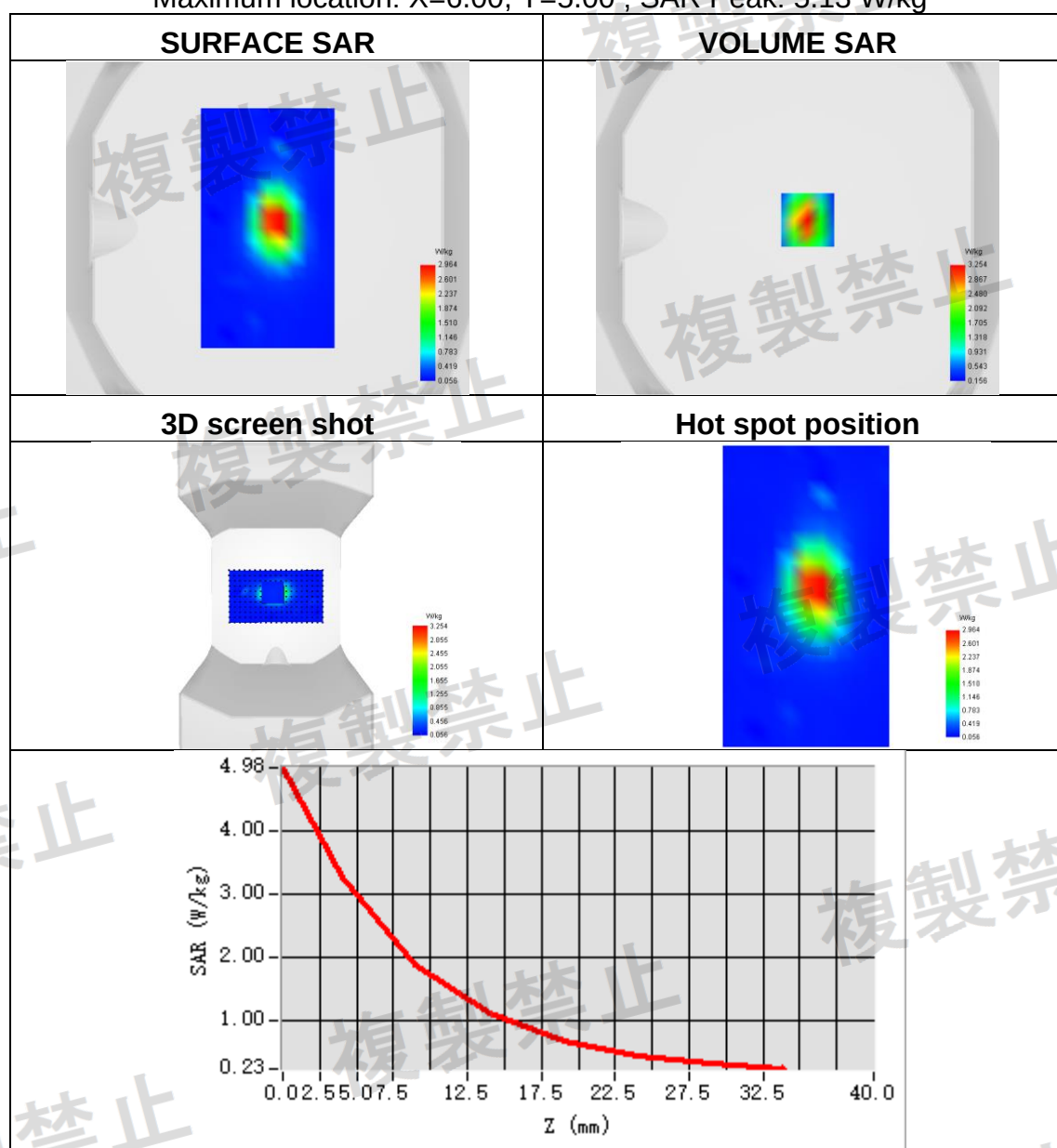




Plot 28:

Test Date	2026-03-05
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	NR band 1
Signal	NR FDD
Frequency	1930
SAR 10g (W/Kg)	1.388
SAR 1g (W/Kg)	2.927

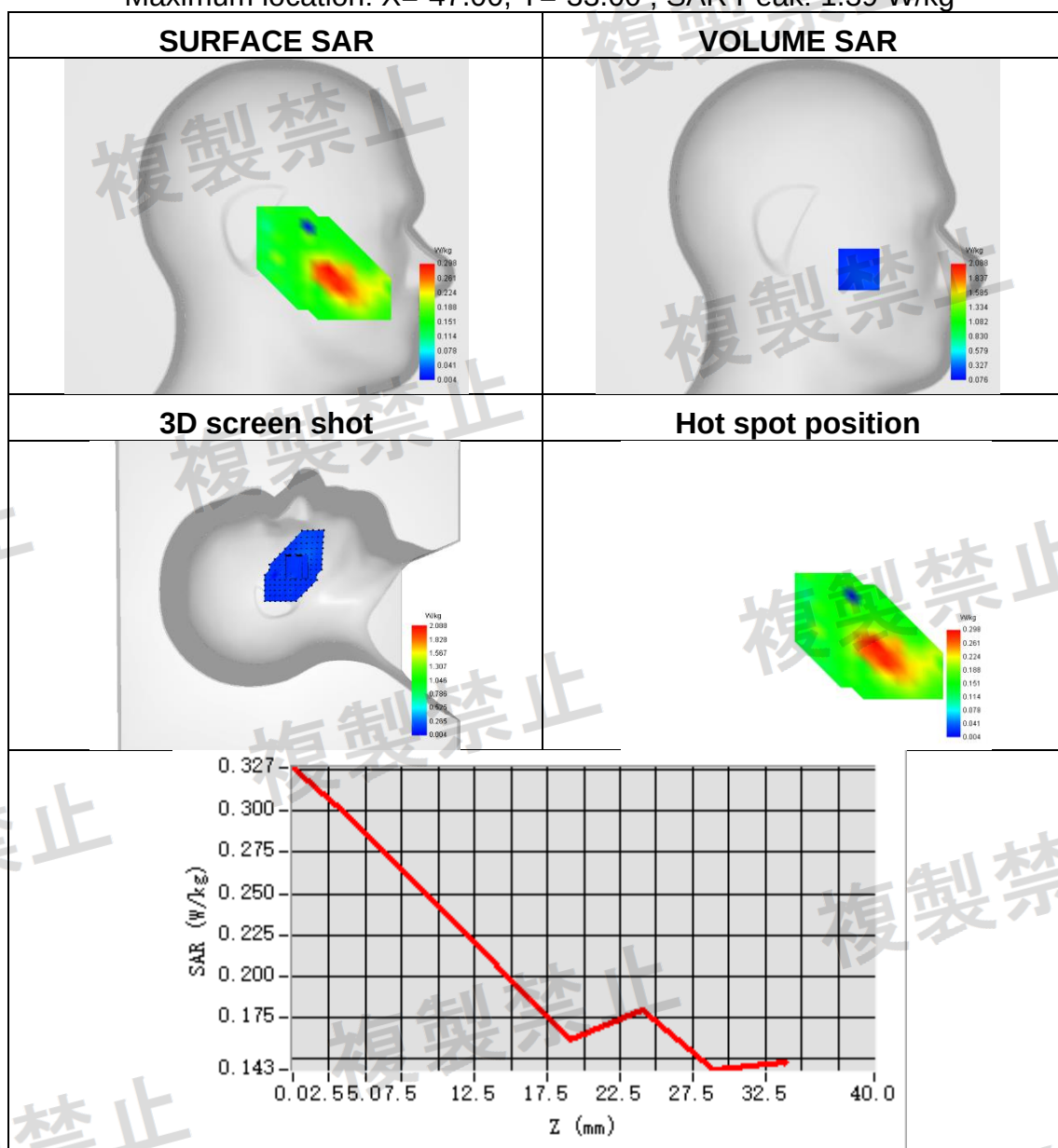
Maximum location: X=6.00, Y=5.00 ; SAR Peak: 5.13 W/kg



Plot 29:

Test Date	2026-03-23
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	NR band 3
Signal	NR FDD
Frequency	1725
SAR 10g (W/Kg)	0.191
SAR 1g (W/Kg)	0.367

Maximum location: X=-47.00, Y=-33.00 ; SAR Peak: 1.39 W/kg

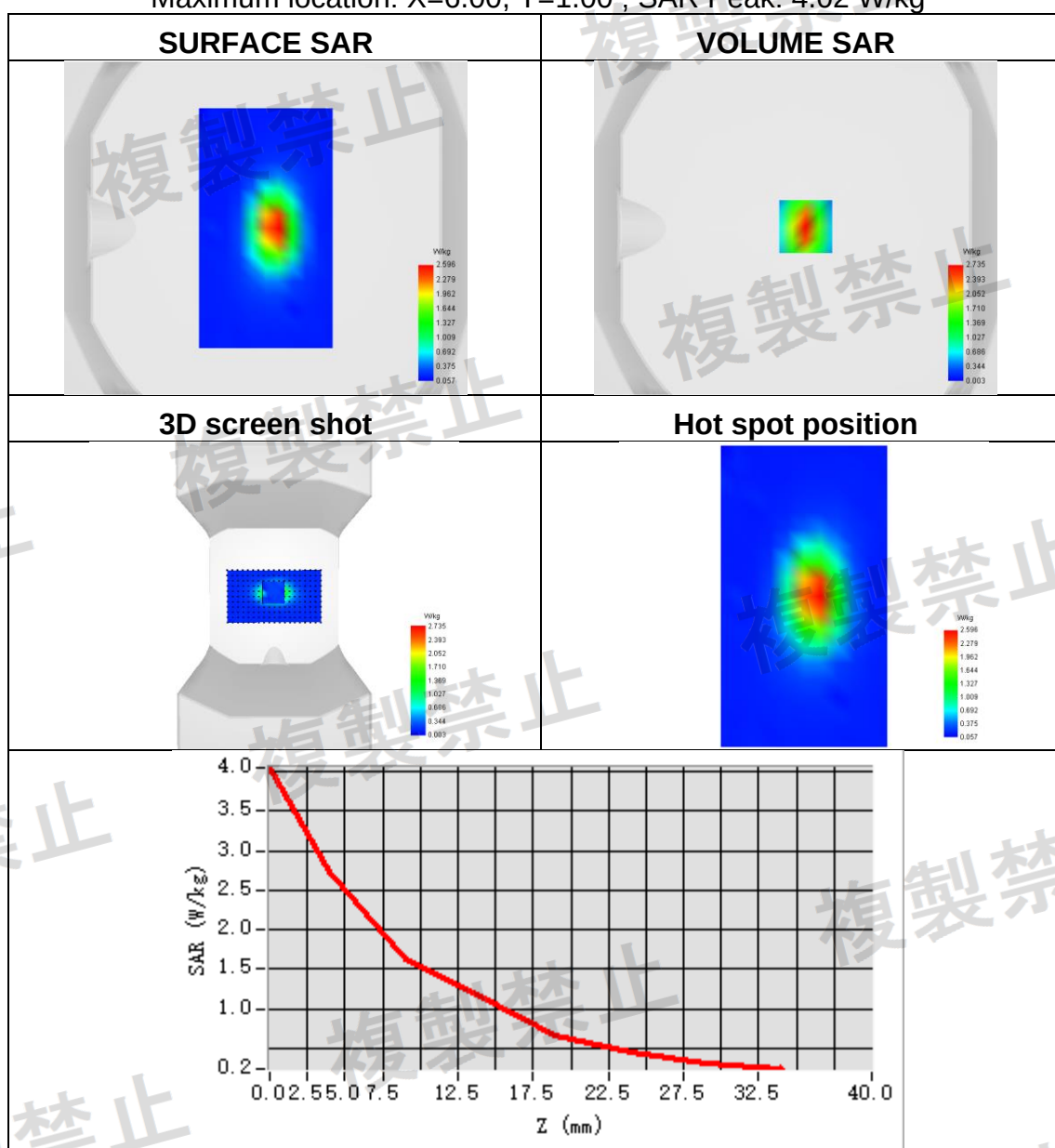




Plot 30:

Test Date	2026-03-23
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	NR band 3
Signal	NR FDD
Frequency	1725
SAR 10g (W/Kg)	1.323
SAR 1g (W/Kg)	2.505

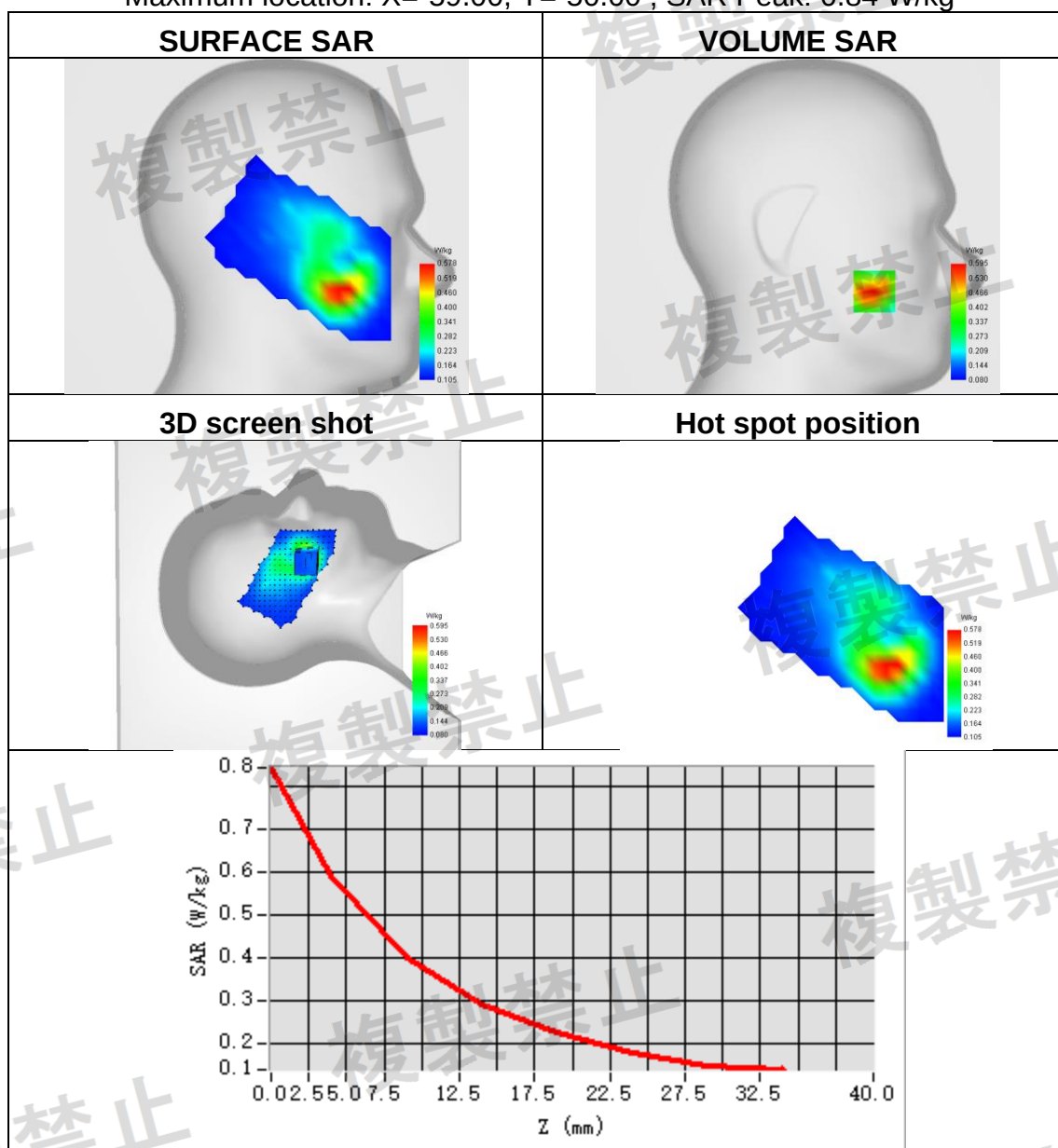
Maximum location: X=6.00, Y=1.00 ; SAR Peak: 4.02 W/kg



Plot 31:

Test Date	2026-03-03
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	NR band 8
Signal	NR FDD
Frequency	890
SAR 10g (W/Kg)	0.368
SAR 1g (W/Kg)	0.575

Maximum location: X=-59.00, Y=-50.00 ; SAR Peak: 0.84 W/kg

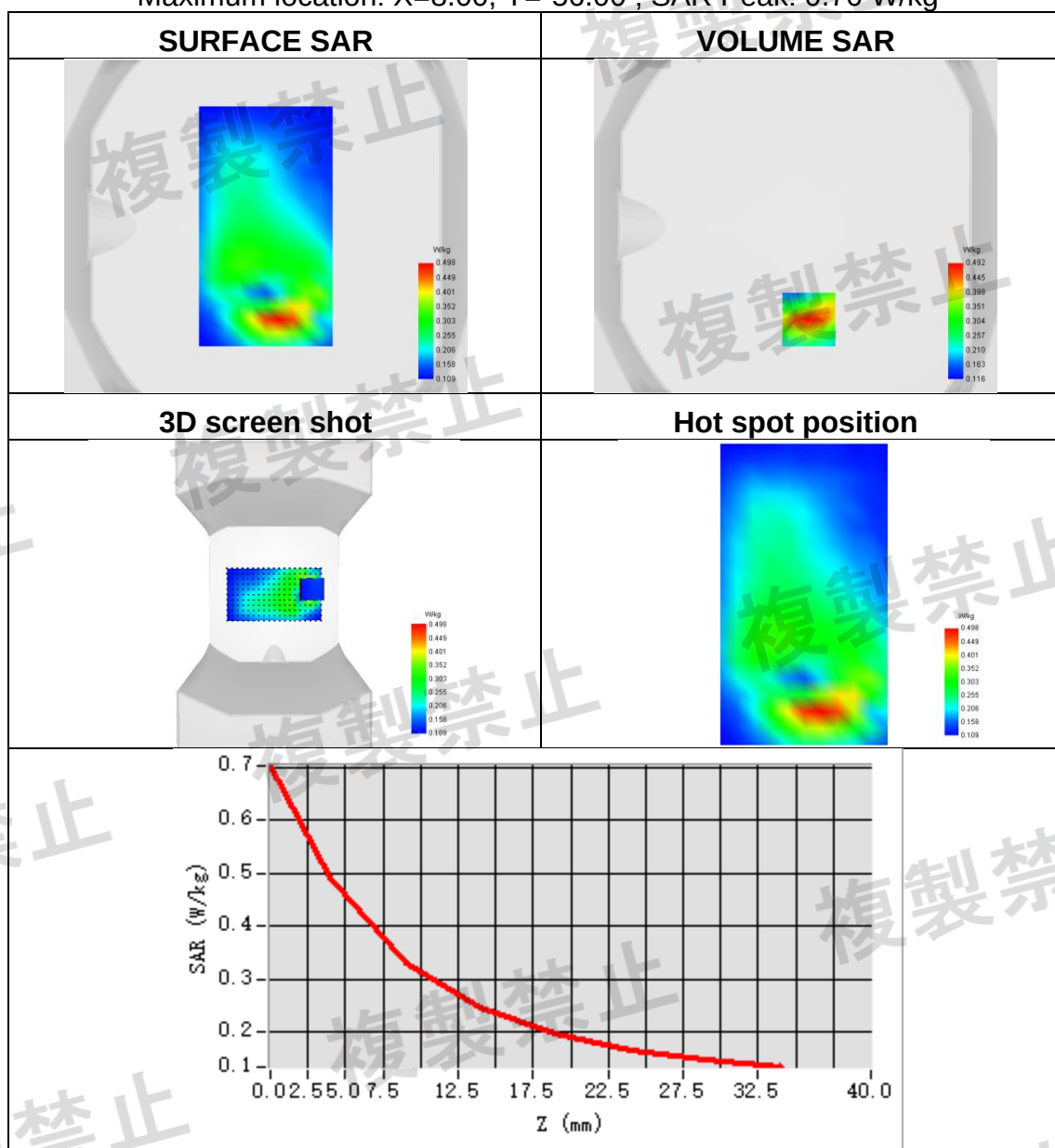




Plot 32:

Test Date	2026-03-03
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	NR band 8
Signal	NR FDD
Frequency	890
SAR 10g (W/Kg)	0.299
SAR 1g (W/Kg)	0.461

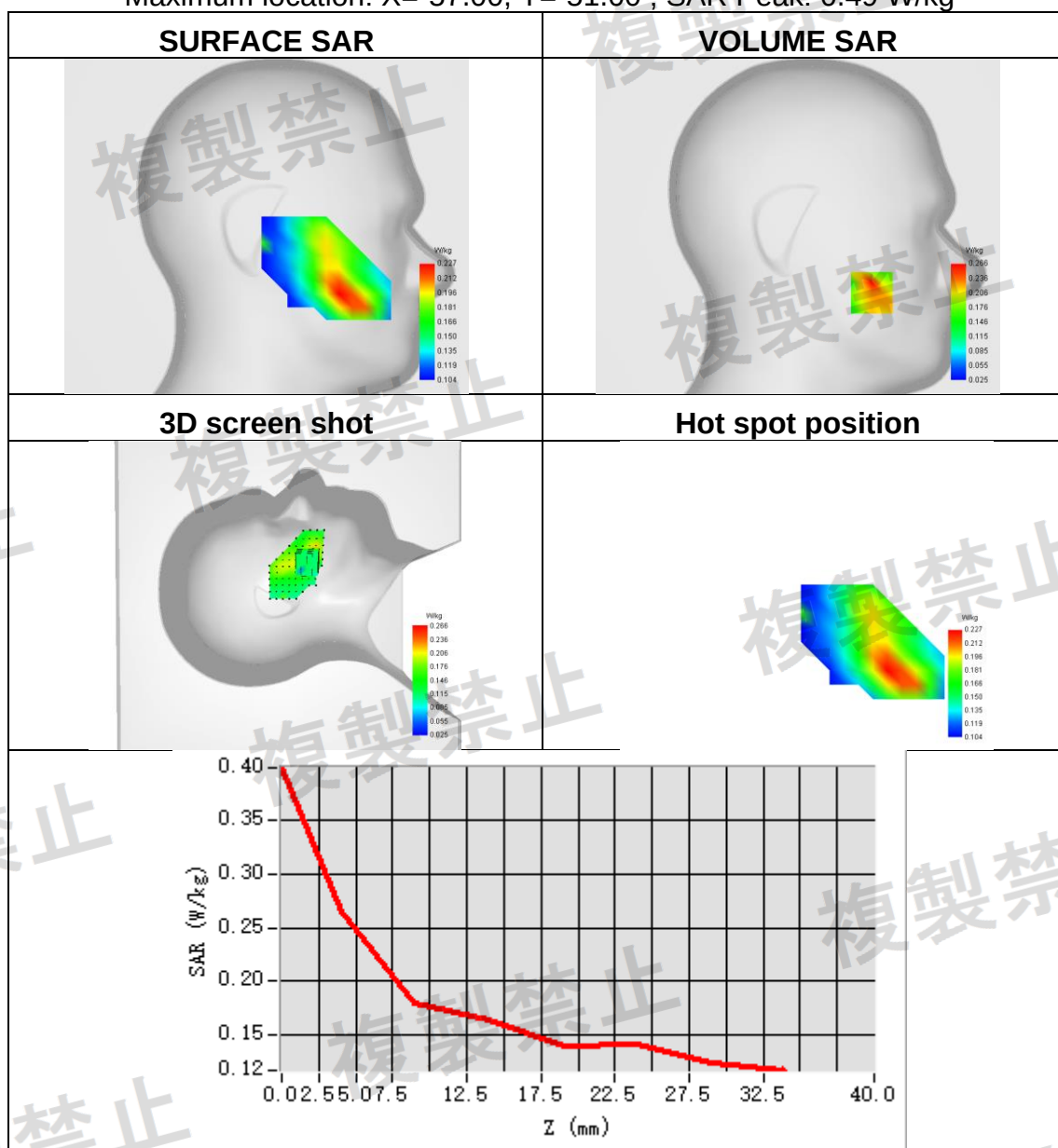
Maximum location: X=8.00, Y=-56.00 ; SAR Peak: 0.70 W/kg



Plot 33:

Test Date	2026-03-27
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	NR band 18
Signal	NR FDD
Frequency	842
SAR 10g (W/Kg)	0.177
SAR 1g (W/Kg)	0.273

Maximum location: X=-57.00, Y=-51.00 ; SAR Peak: 0.49 W/kg

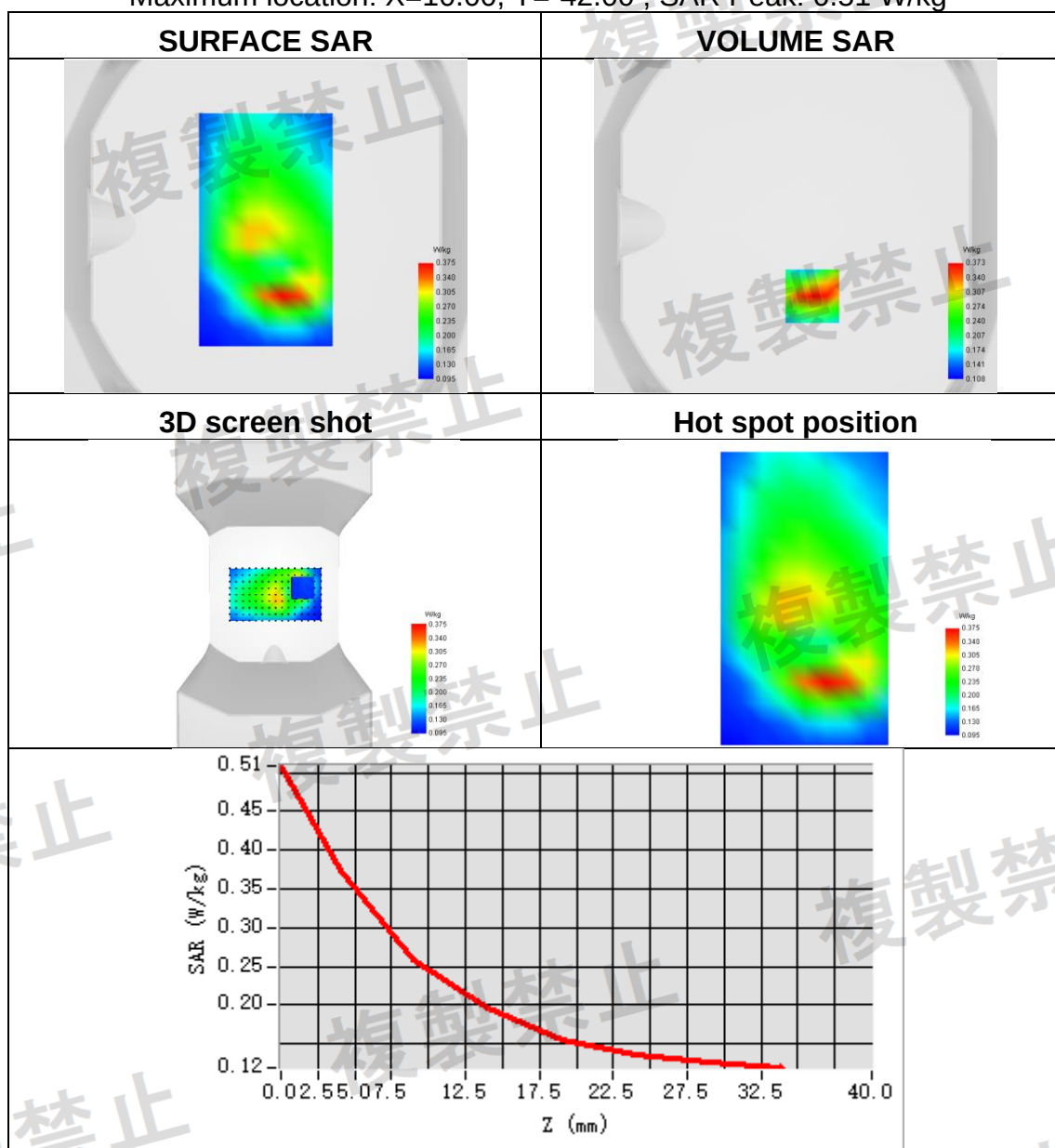




Plot 34:

Test Date	2026-03-27
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	NR band 18
Signal	NR FDD
Frequency	842
SAR 10g (W/Kg)	0.237
SAR 1g (W/Kg)	0.355

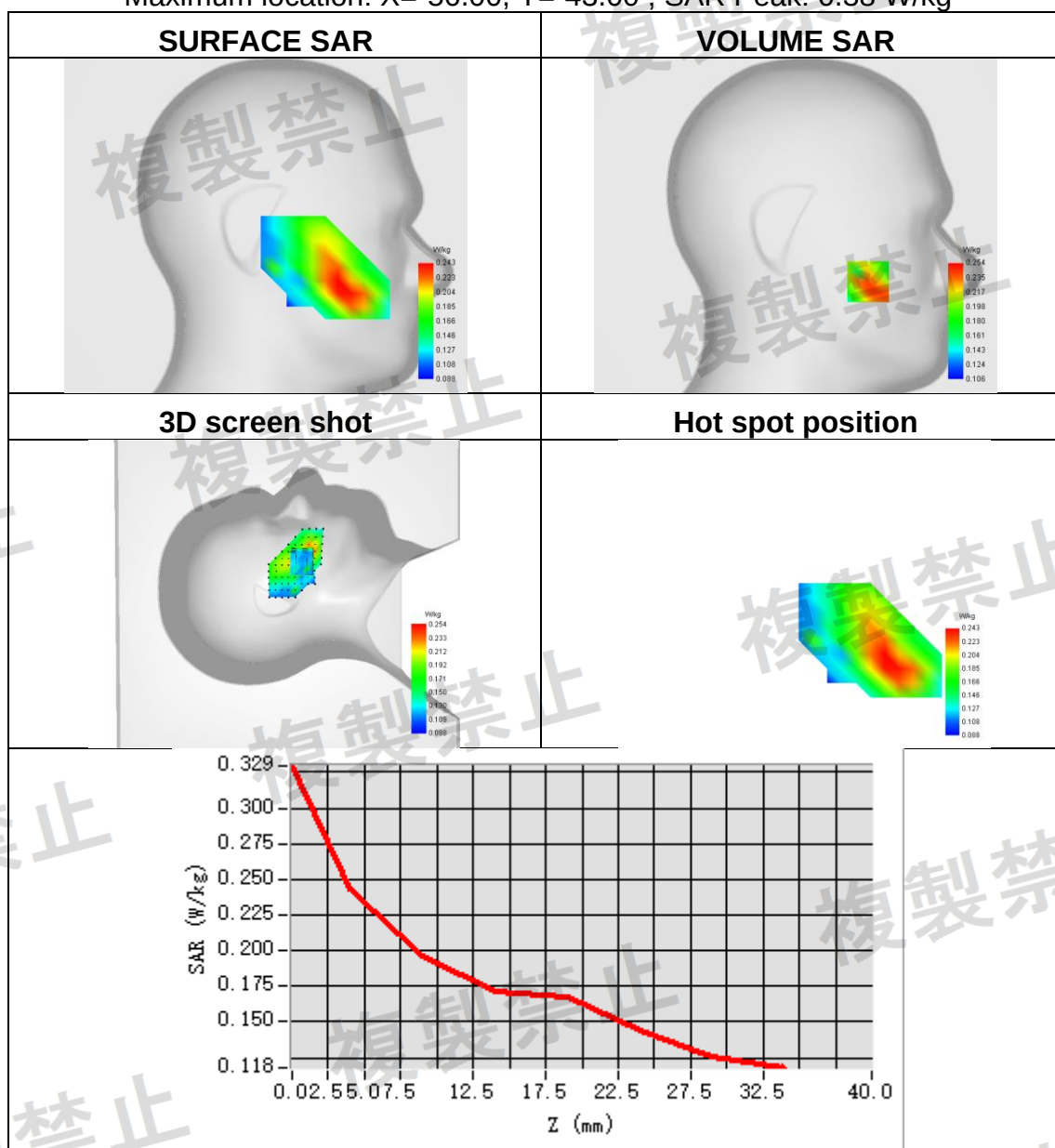
Maximum location: X=10.00, Y=-42.00 ; SAR Peak: 0.51 W/kg



Plot 35:

Test Date	2026-03-27
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	NR band 26
Signal	NR FDD
Frequency	852
SAR 10g (W/Kg)	0.182
SAR 1g (W/Kg)	0.247

Maximum location: X=-56.00, Y=-43.00 ; SAR Peak: 0.38 W/kg

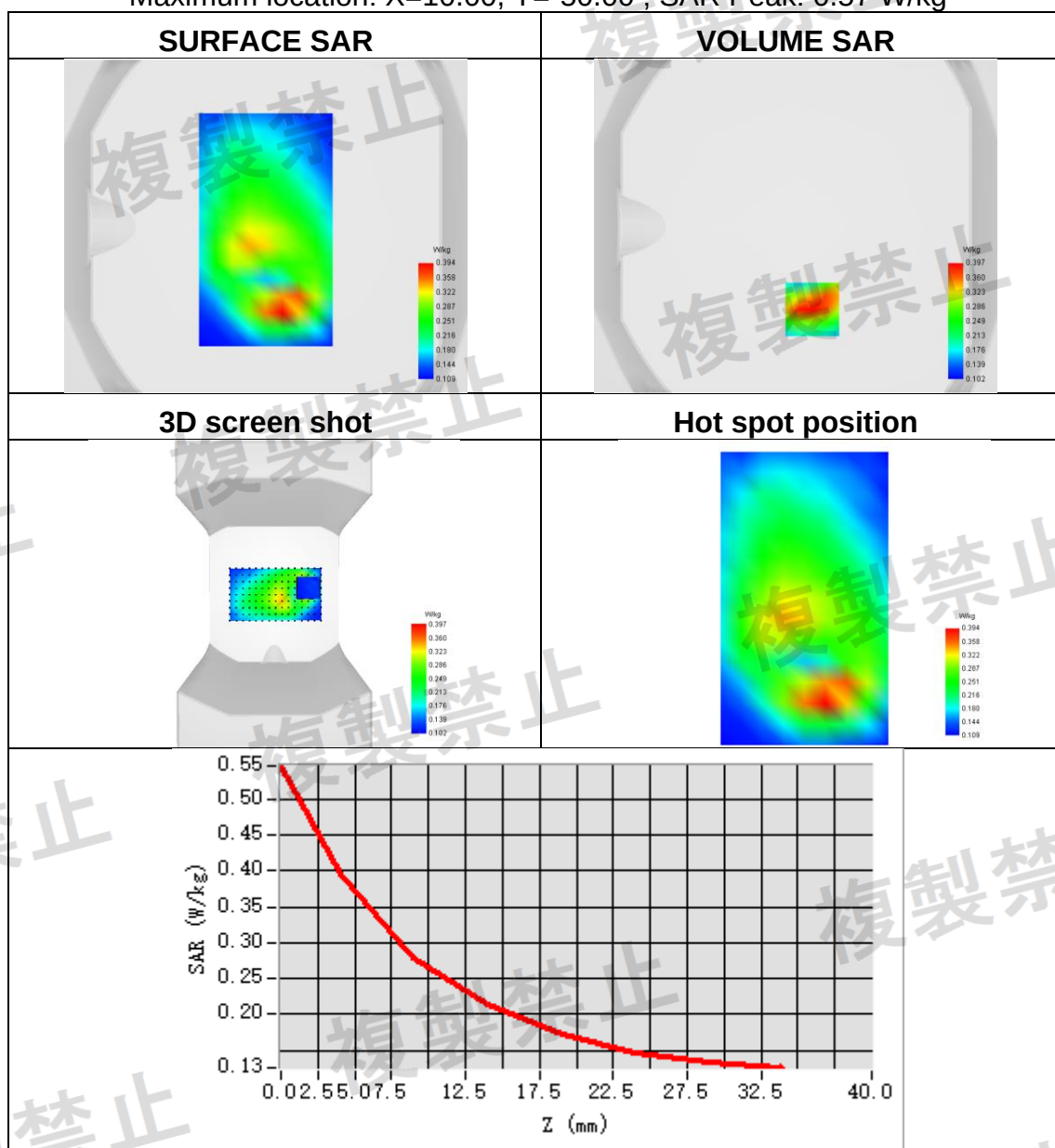




Plot 36:

Test Date	2026-03-27
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	NR band 26
Signal	NR FDD
Frequency	852
SAR 10g (W/Kg)	0.255
SAR 1g (W/Kg)	0.384

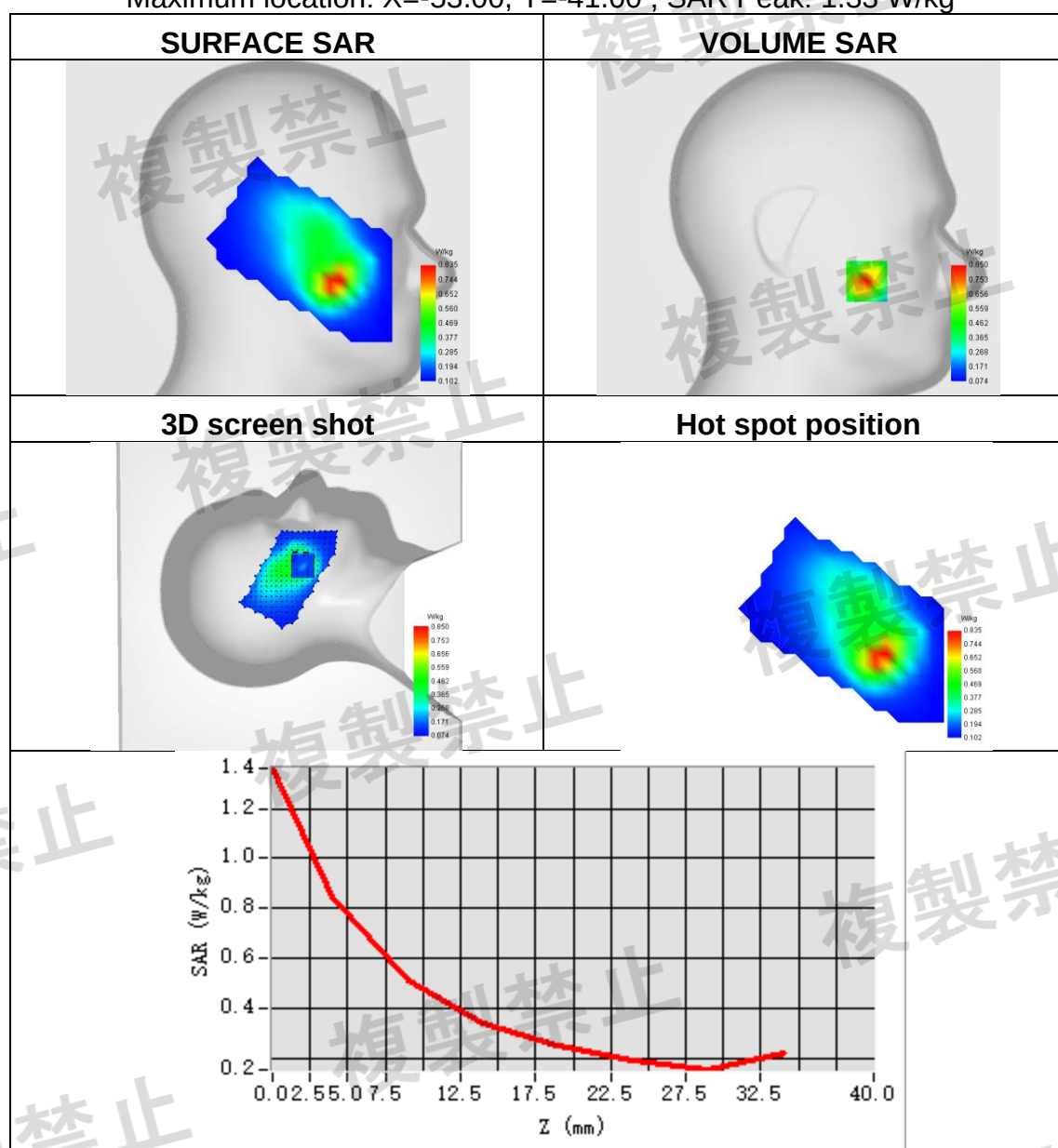
Maximum location: X=10.00, Y=-50.00 ; SAR Peak: 0.57 W/kg



Plot 37:

Test Date	2026-03-19
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	NR band 28
Signal	NR FDD
Frequency	713
SAR 10g (W/Kg)	0.466
SAR 1g (W/Kg)	0.819

Maximum location: X=-53.00, Y=-41.00 ; SAR Peak: 1.33 W/kg

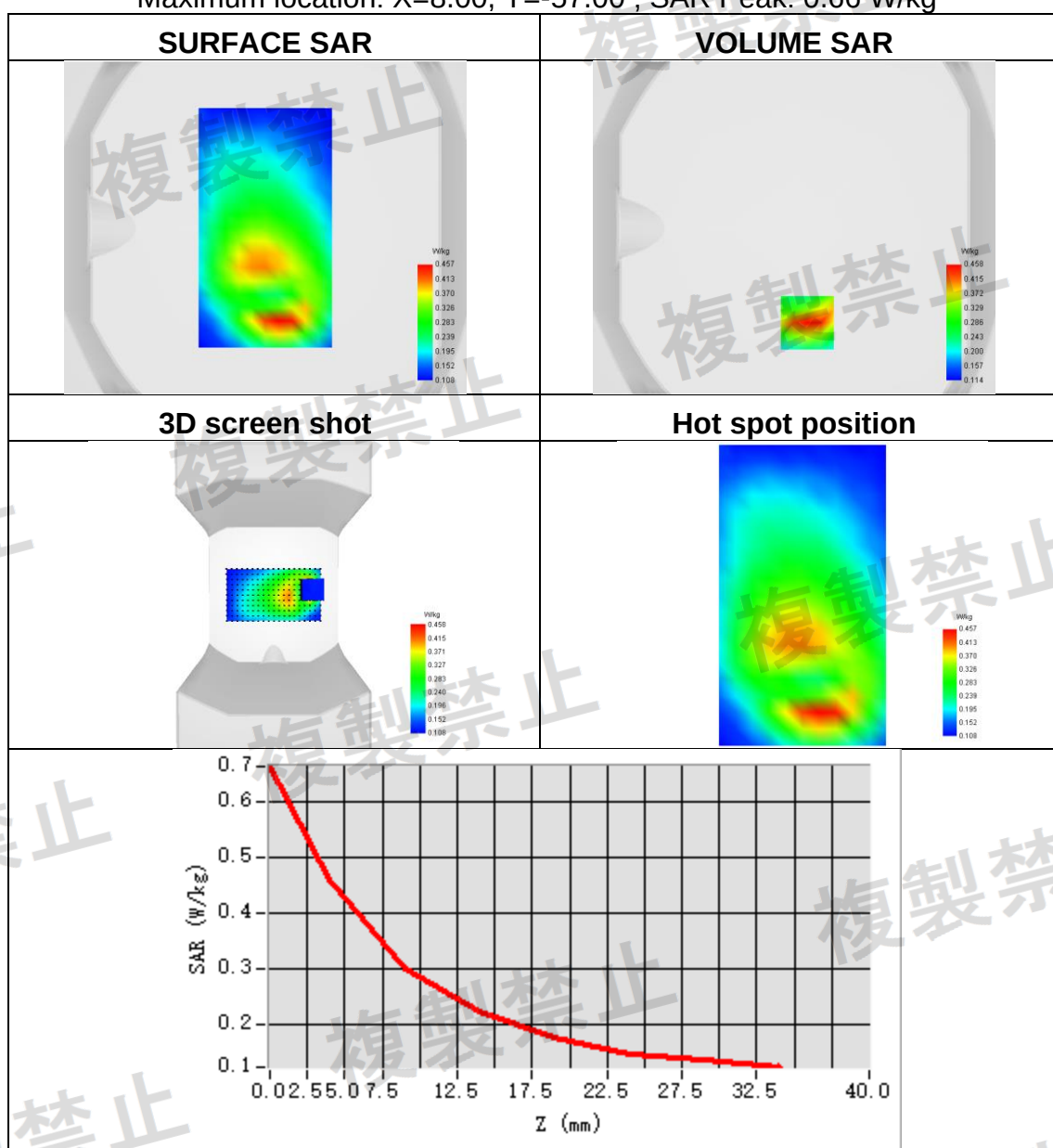




Plot 38:

Test Date	2026-03-19
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	NR band 28
Signal	NR FDD
Frequency	713
SAR 10g (W/Kg)	0.283
SAR 1g (W/Kg)	0.442

Maximum location: X=8.00, Y=-57.00 ; SAR Peak: 0.66 W/kg

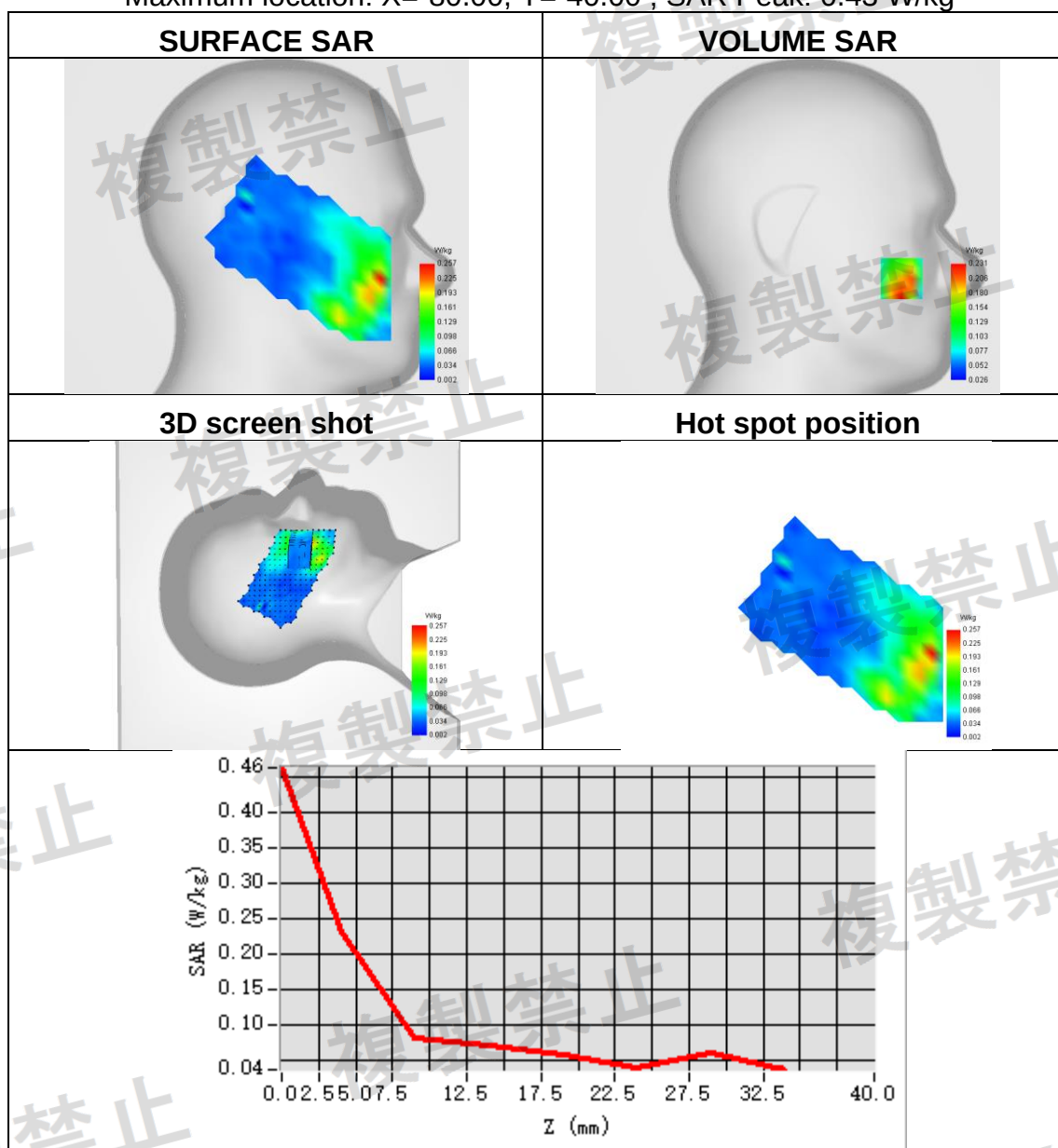




Plot 39:

Test Date	2026-03-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	NR band 41
Signal	NR TDD
Frequency	2640
SAR 10g (W/Kg)	0.102
SAR 1g (W/Kg)	0.217

Maximum location: X=-80.00, Y=-40.00 ; SAR Peak: 0.43 W/kg

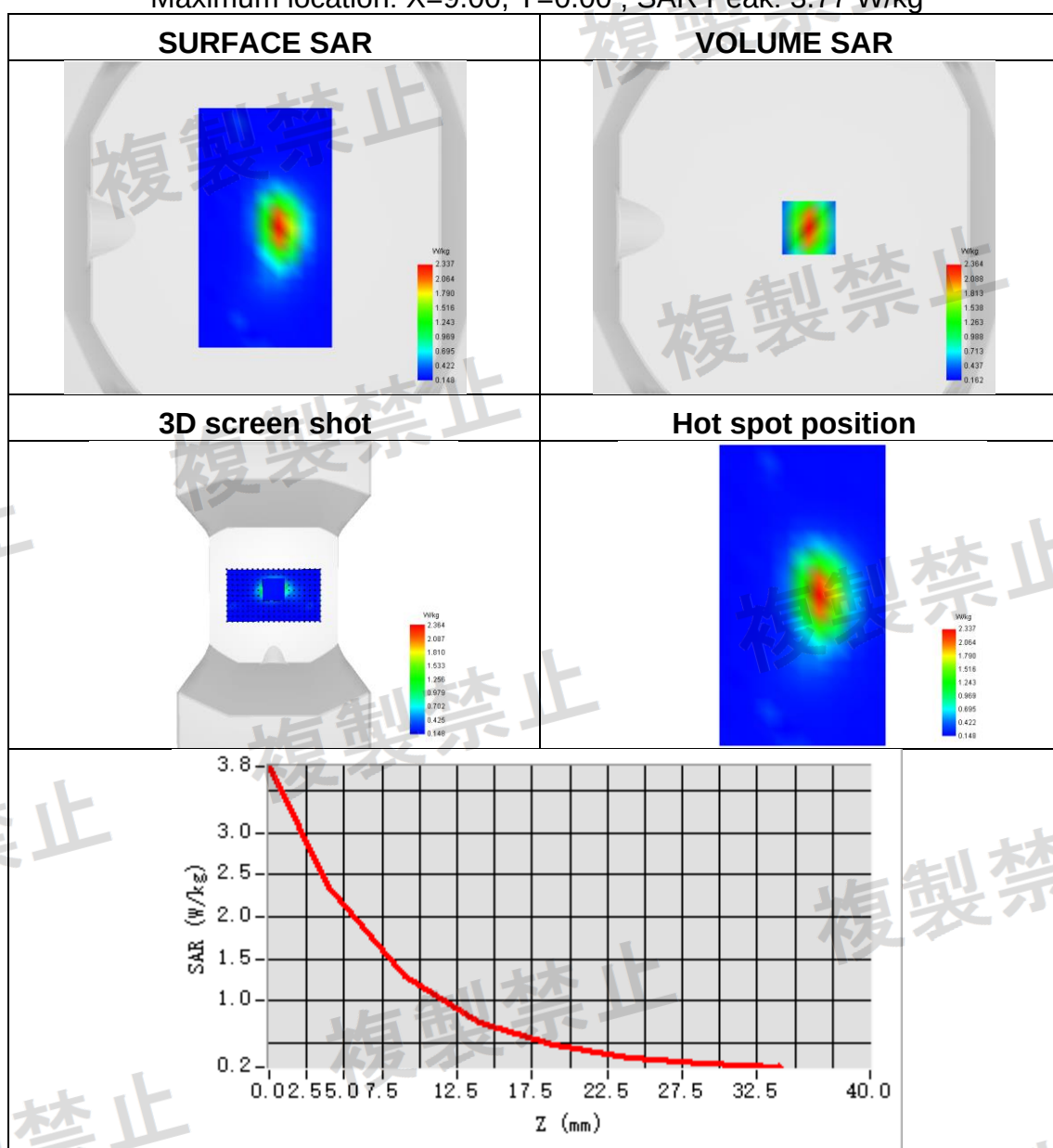




Plot 40:

Test Date	2026-03-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Edge
Band	NR band 41
Signal	NR TDD
Frequency	2640
SAR 10g (W/Kg)	1.056
SAR 1g (W/Kg)	2.152

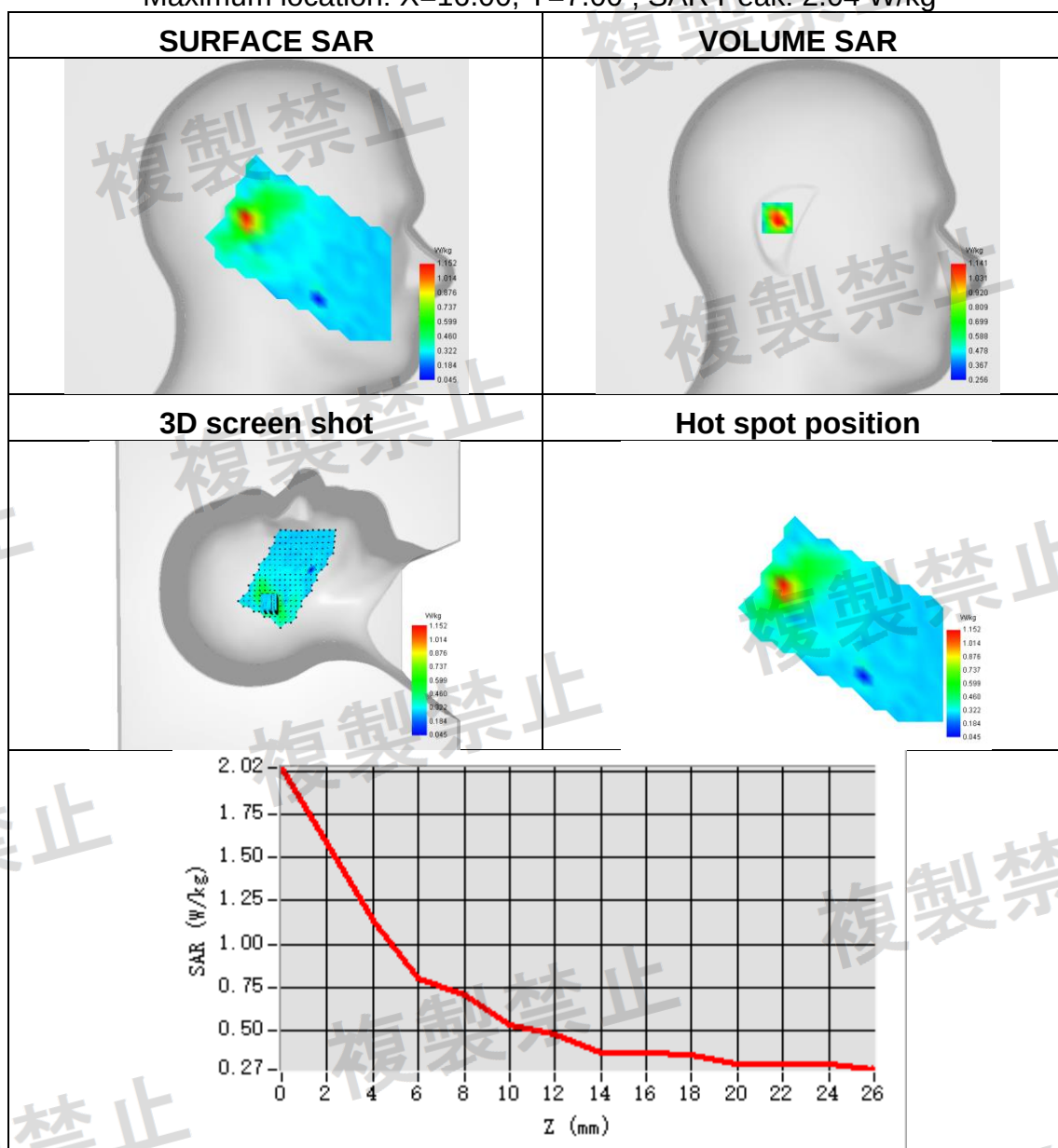
Maximum location: X=9.00, Y=0.00 ; SAR Peak: 3.77 W/kg



Plot 41:

Test Date	2026-03-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	NR band 77
Signal	NR TDD
Frequency	3800
SAR 10g (W/Kg)	0.537
SAR 1g (W/Kg)	1.039

Maximum location: X=16.00, Y=7.00 ; SAR Peak: 2.04 W/kg

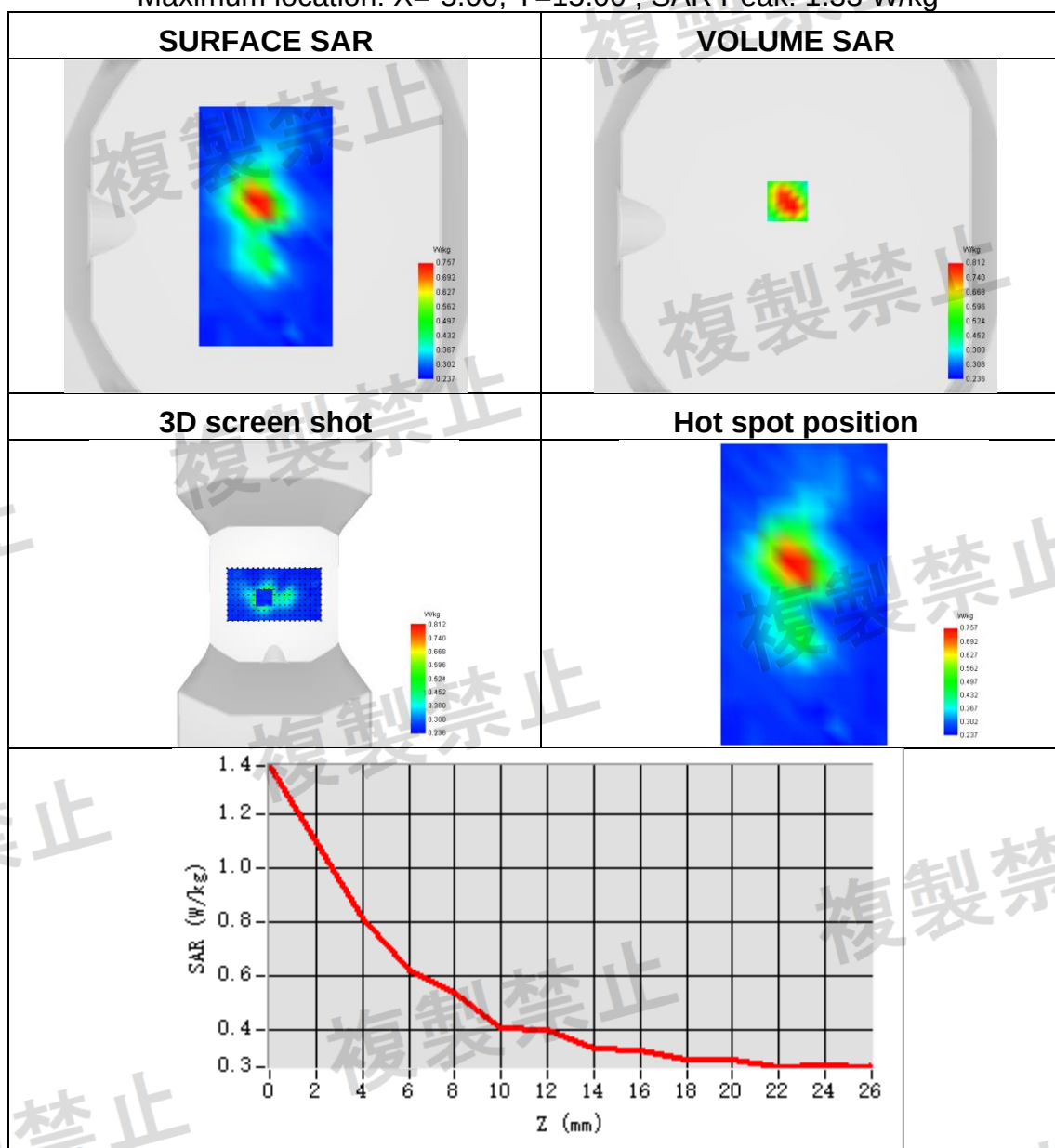




Plot 42:

Test Date	2026-03-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Top Edge
Band	NR band 77
Signal	NR TDD
Frequency	3800
SAR 10g (W/Kg)	0.382
SAR 1g (W/Kg)	0.748

Maximum location: X=-5.00, Y=15.00 ; SAR Peak: 1.33 W/kg

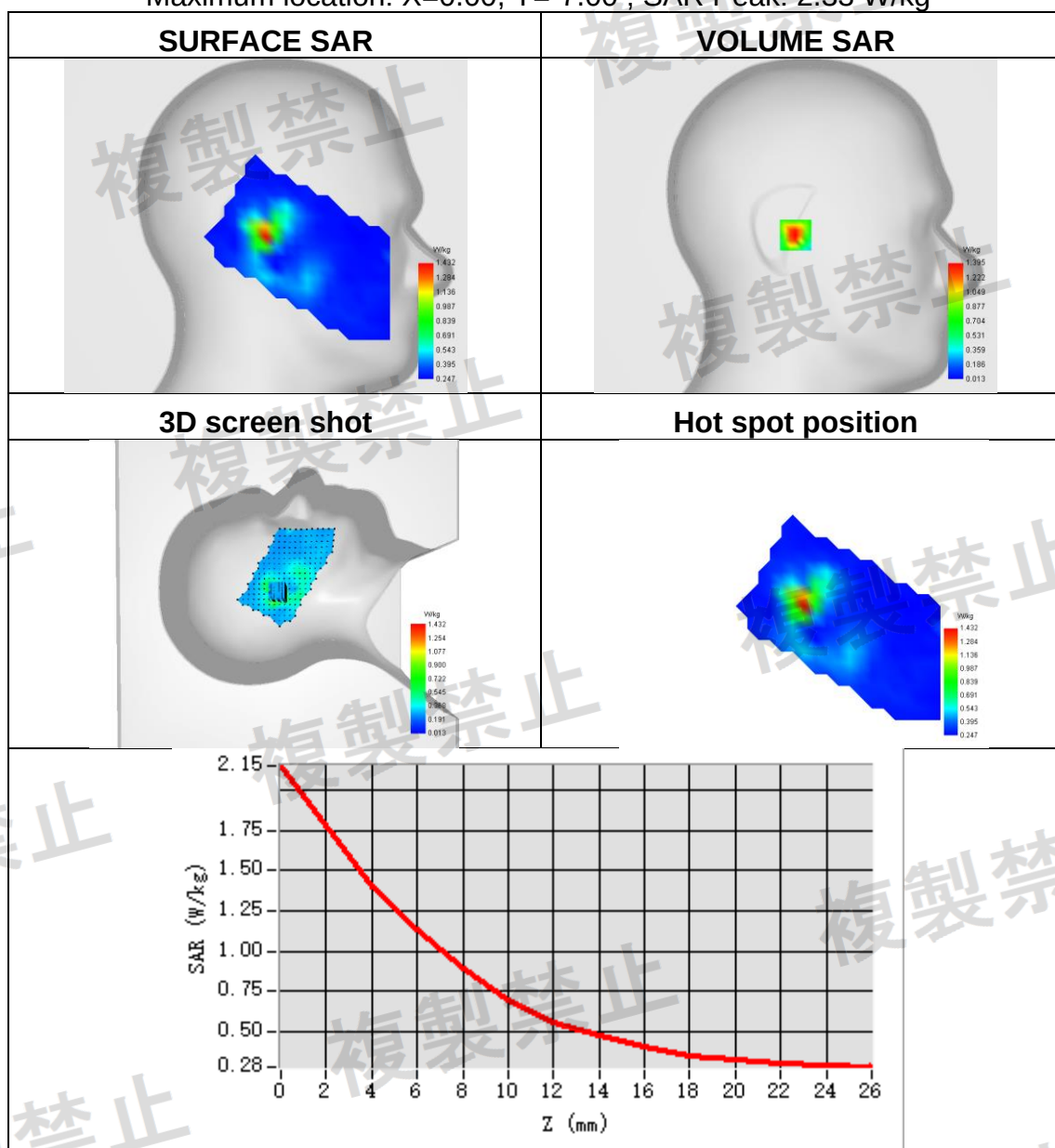




Plot 43:

Test Date	2026-03-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	NR band 78
Signal	NR TDD
Frequency	3750
SAR 10g (W/Kg)	0.614
SAR 1g (W/Kg)	1.251

Maximum location: X=0.00, Y=-7.00 ; SAR Peak: 2.33 W/kg

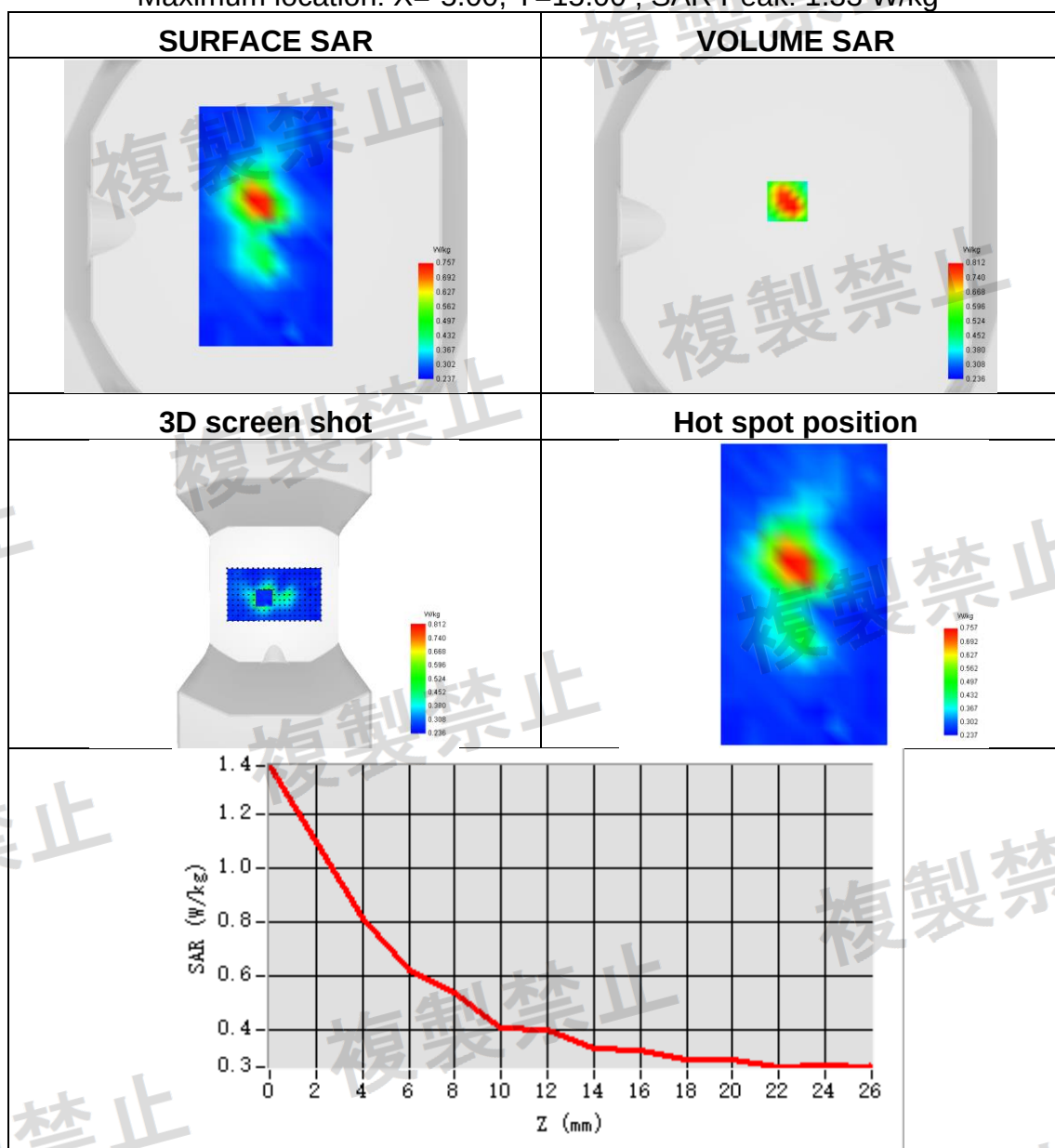




Plot 44:

Test Date	2026-03-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Top Edge
Band	NR band 78
Signal	NR TDD
Frequency	3750
SAR 10g (W/Kg)	0.382
SAR 1g (W/Kg)	0.748

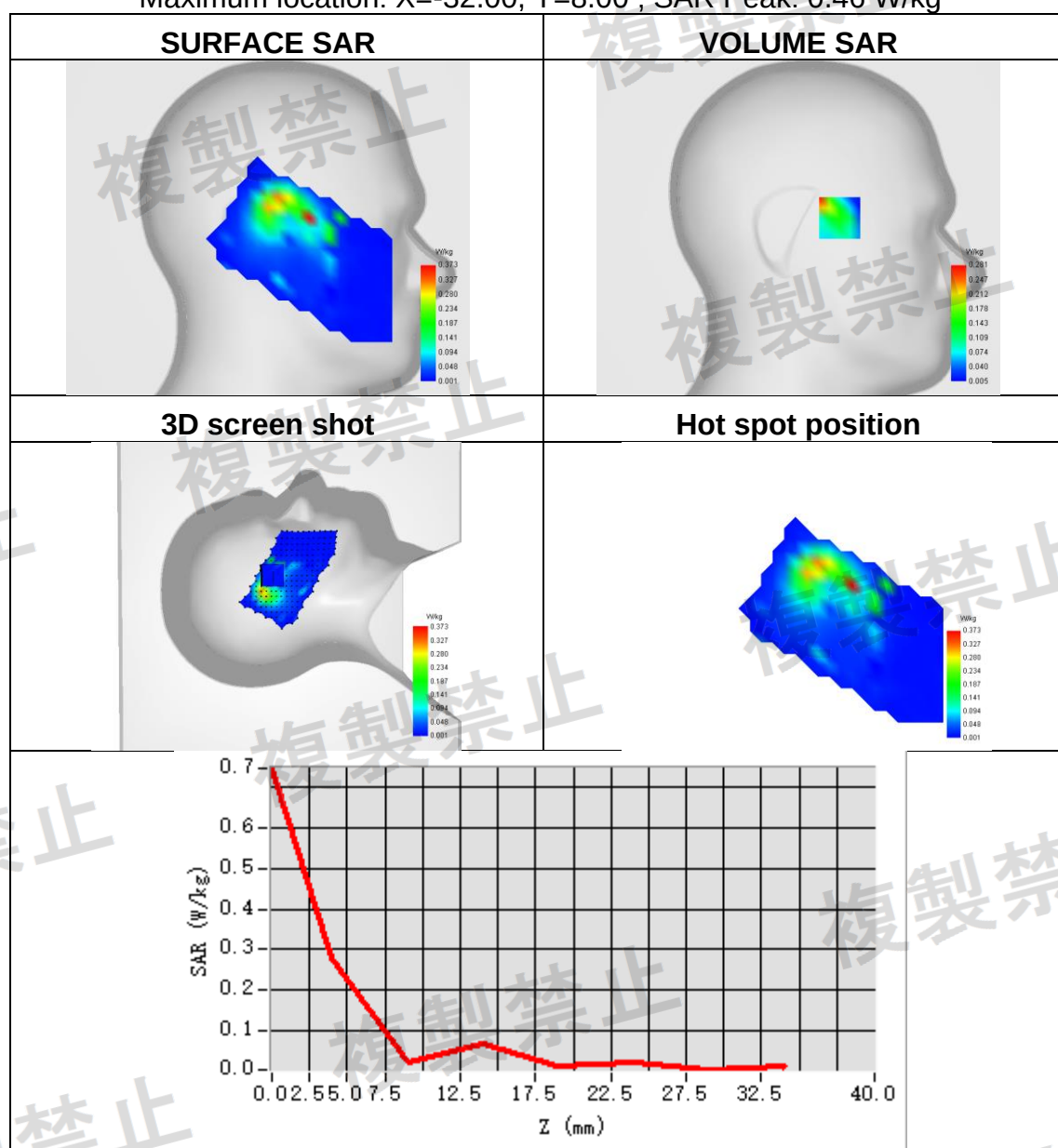
Maximum location: X=-5.00, Y=15.00 ; SAR Peak: 1.33 W/kg



Plot 45:

Test Date	2026-03-06
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11b
Frequency	2442
SAR 10g (W/Kg)	0.067
SAR 1g (W/Kg)	0.229

Maximum location: X=-32.00, Y=8.00 ; SAR Peak: 0.46 W/kg

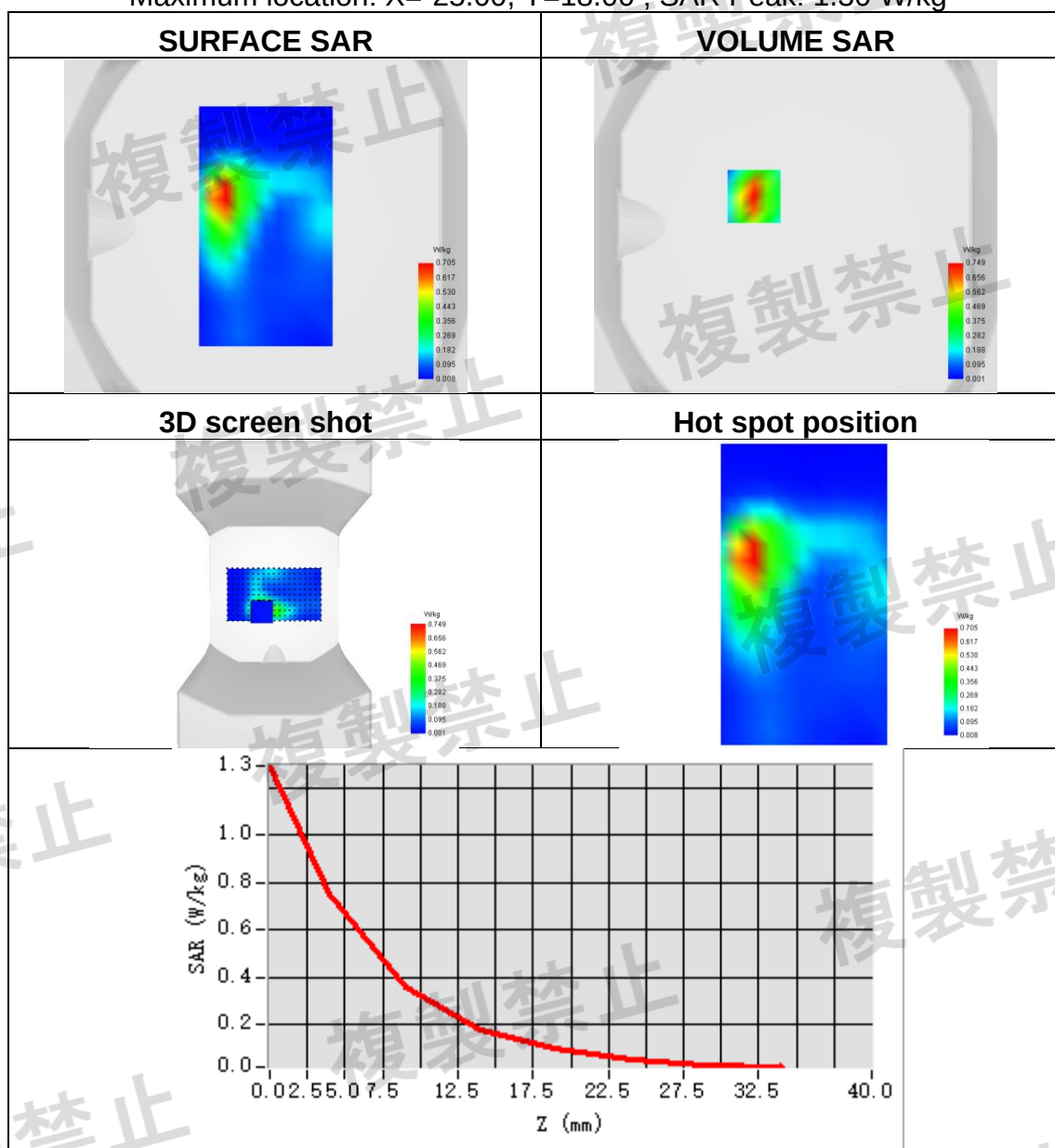




Plot 46:

Test Date	2026-03-06
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 802.11b
Frequency	2442
SAR 10g (W/Kg)	0.325
SAR 1g (W/Kg)	0.699

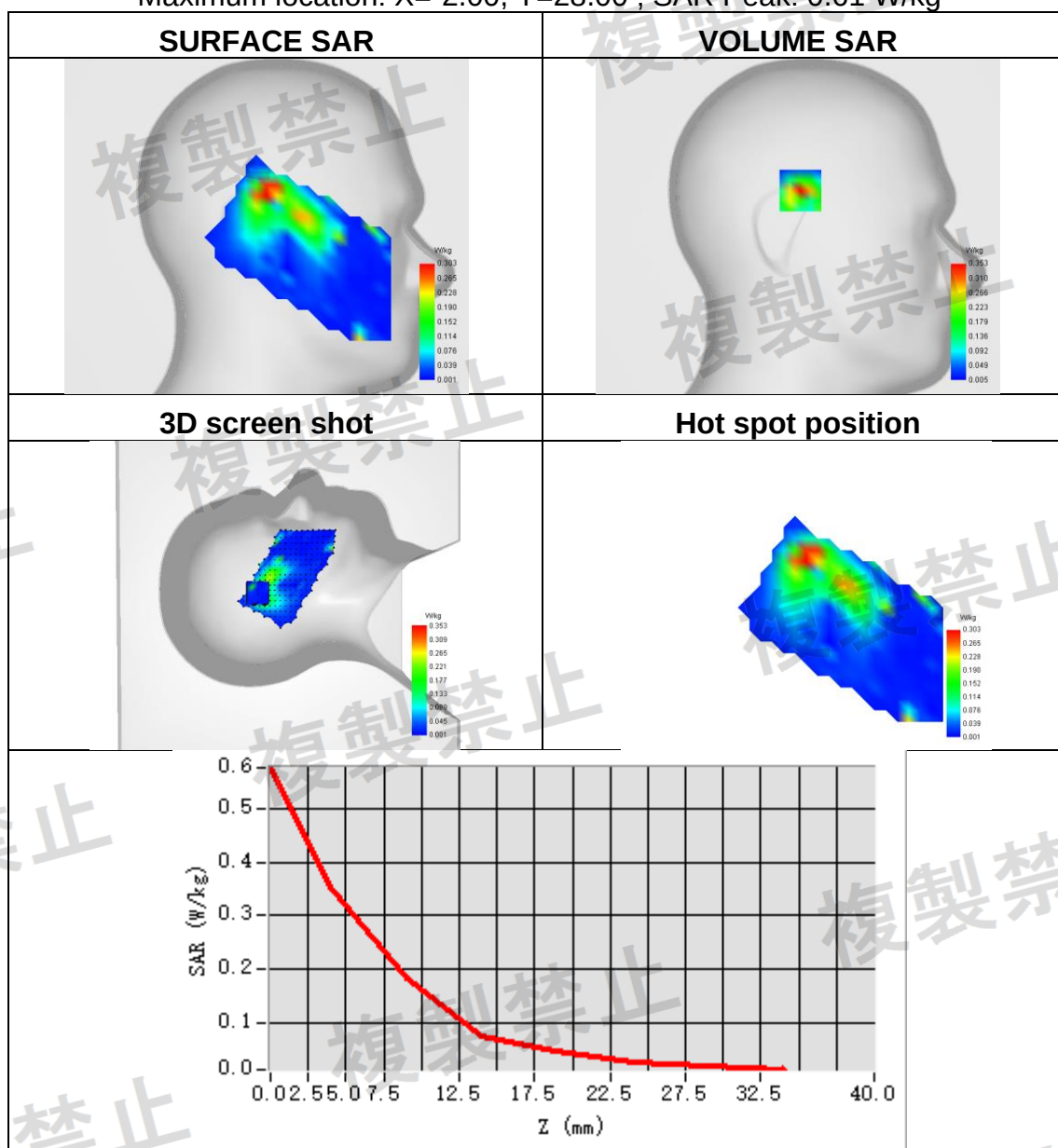
Maximum location: X=-25.00, Y=18.00 ; SAR Peak: 1.30 W/kg



Plot 47:

Test Date	2026-03-06
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11b
Frequency	2442
SAR 10g (W/Kg)	0.130
SAR 1g (W/Kg)	0.310

Maximum location: X=-2.00, Y=28.00 ; SAR Peak: 0.61 W/kg

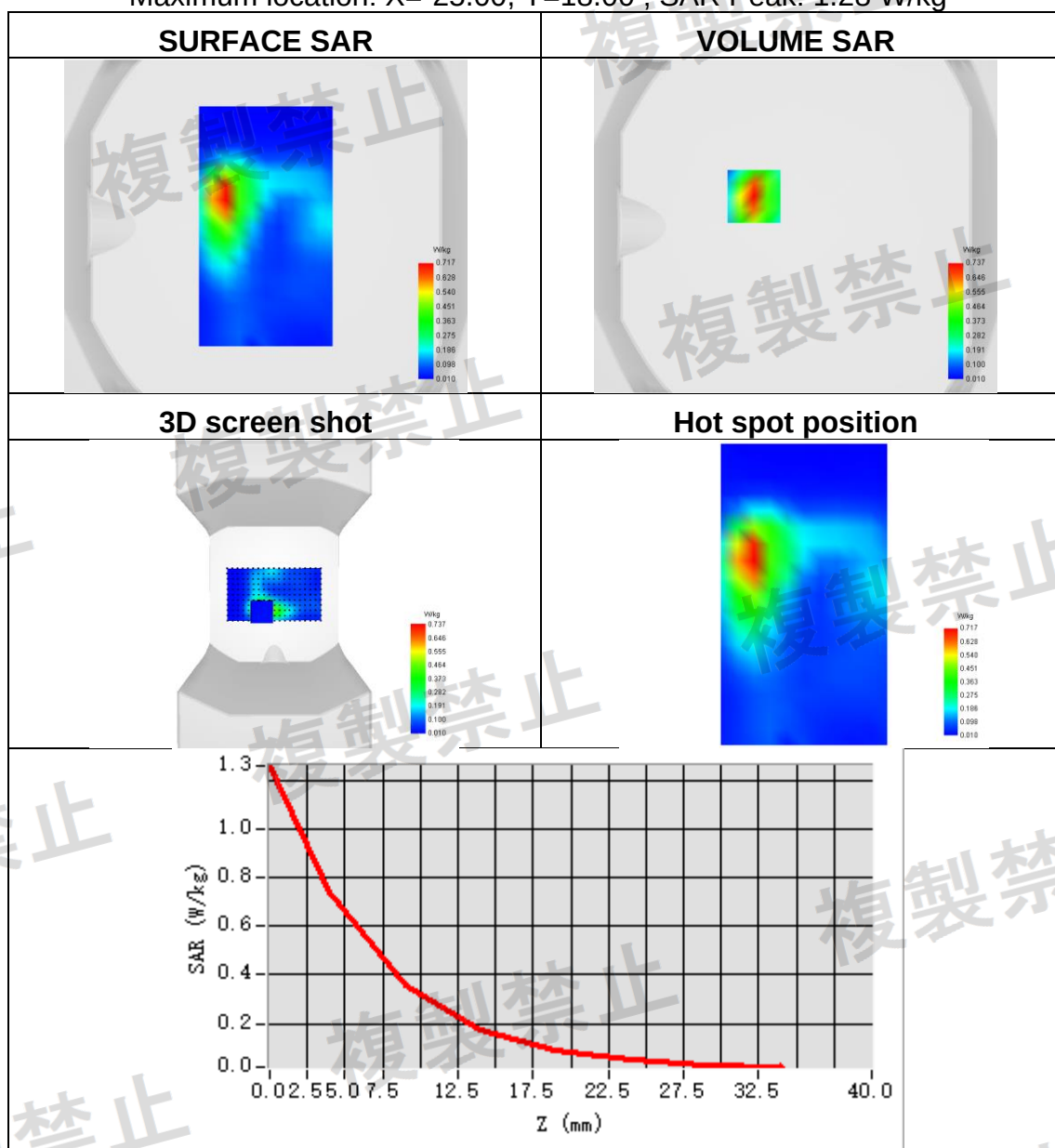




Plot 48:

Test Date	2026-03-06
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 802.11b
Frequency	2442
SAR 10g (W/Kg)	0.318
SAR 1g (W/Kg)	0.686

Maximum location: X=-25.00, Y=18.00 ; SAR Peak: 1.28 W/kg

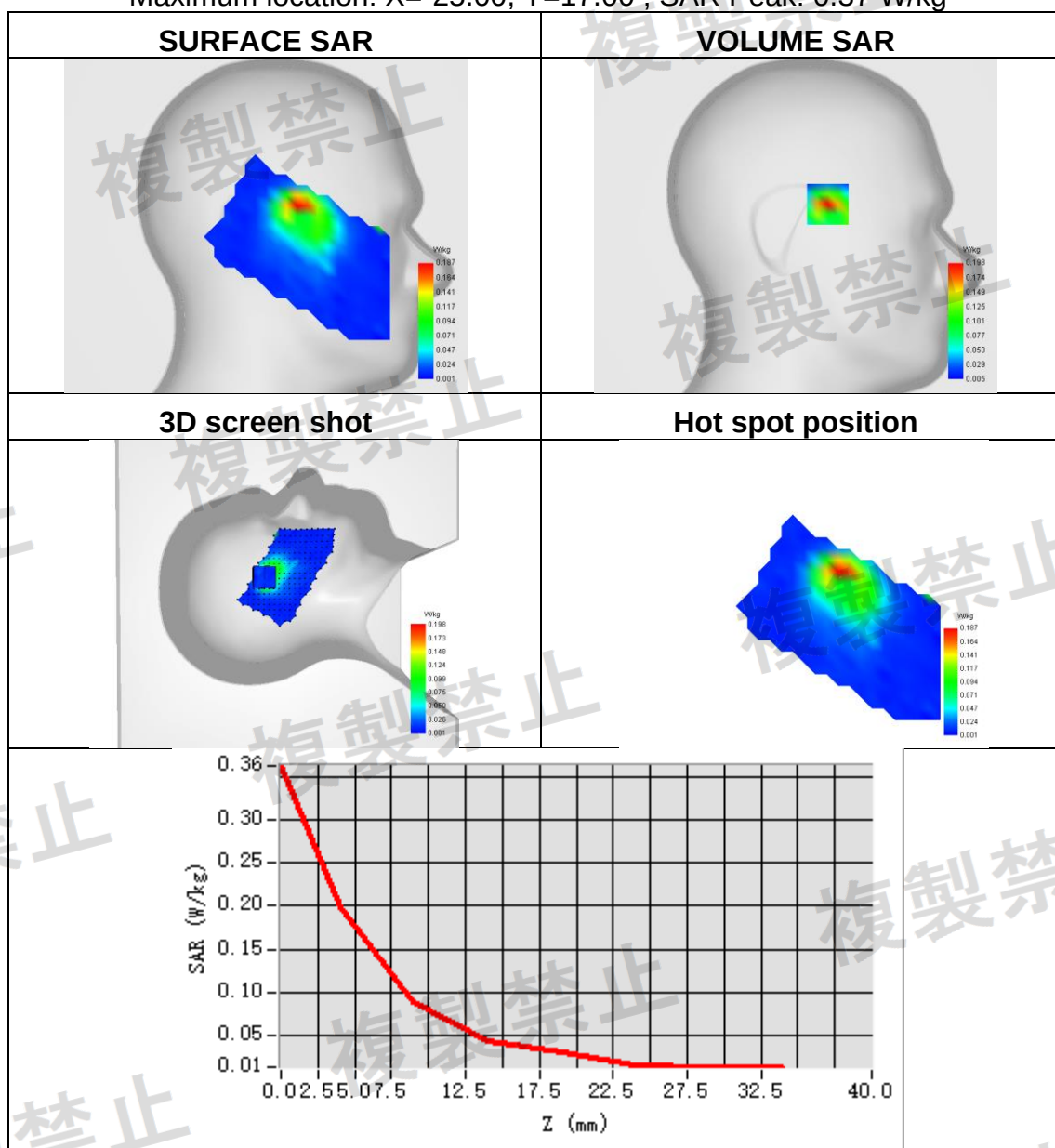




Plot 49:

Test Date	2026-03-06
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11ax
Frequency	2442
SAR 10g (W/Kg)	0.078
SAR 1g (W/Kg)	0.180

Maximum location: X=-25.00, Y=17.00 ; SAR Peak: 0.37 W/kg

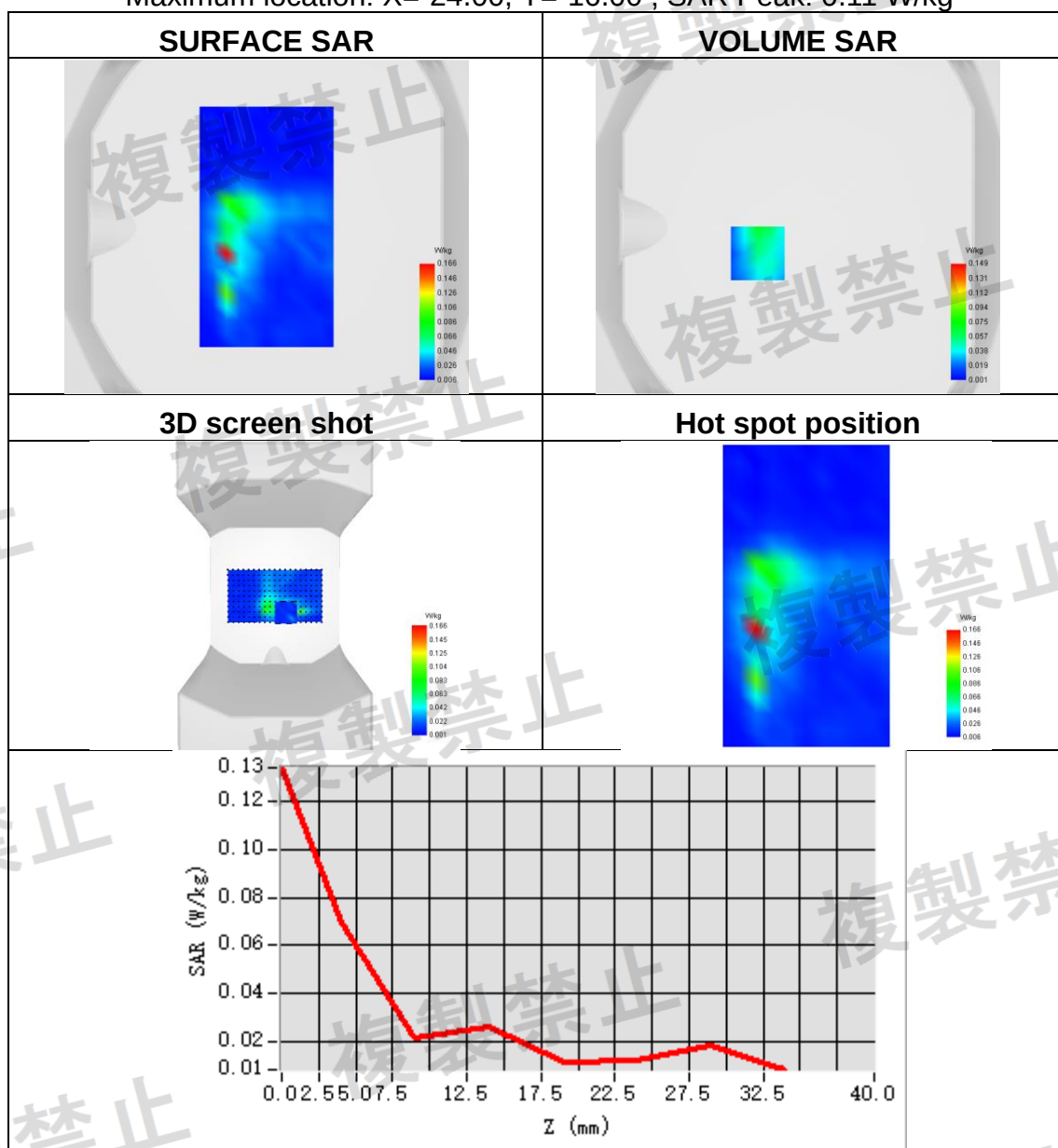




Plot 50:

Test Date	2026-03-06
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 802.11ax
Frequency	2442
SAR 10g (W/Kg)	0.023
SAR 1g (W/Kg)	0.060

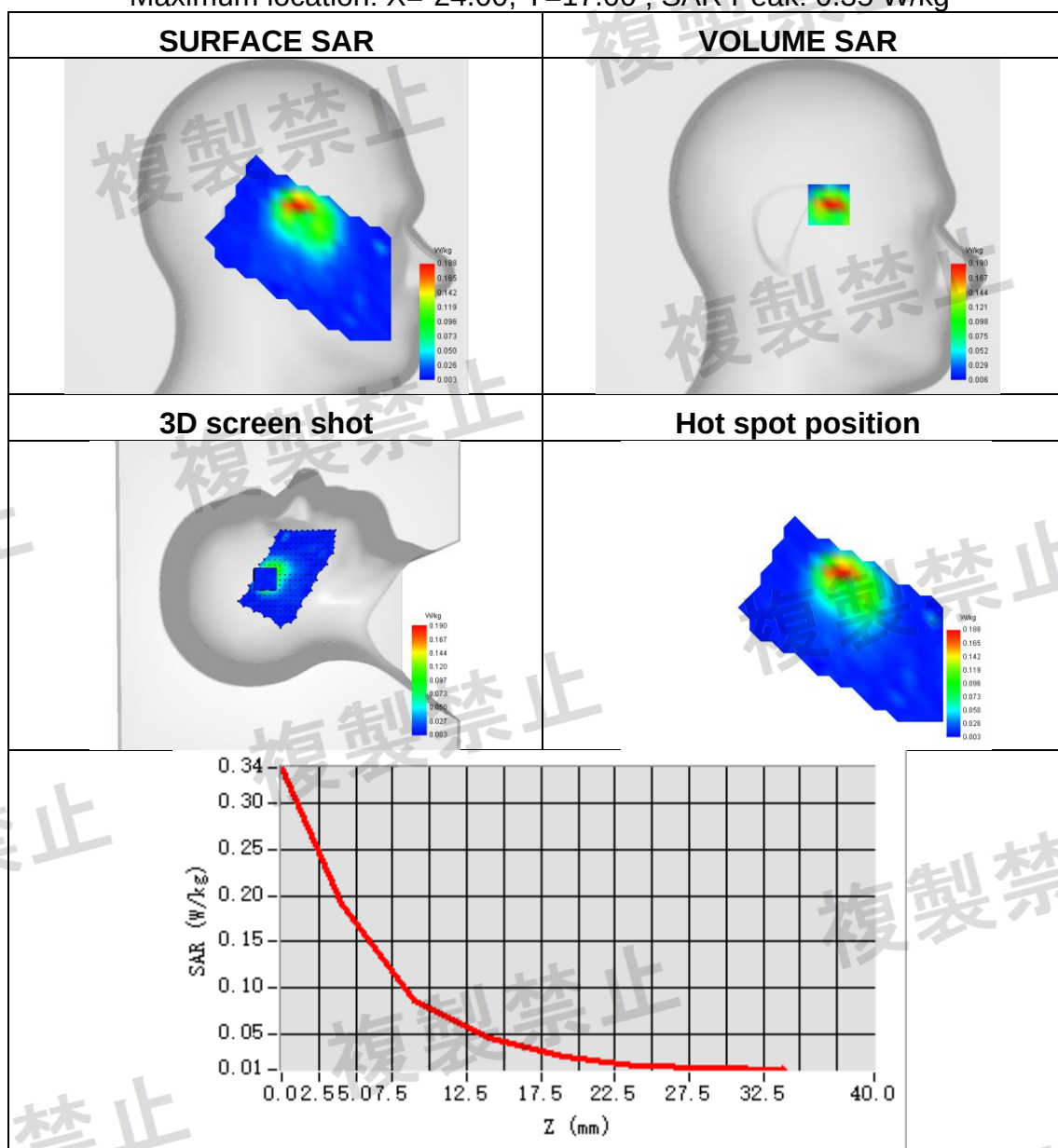
Maximum location: X=-24.00, Y=-16.00 ; SAR Peak: 0.11 W/kg



Plot 51:

Test Date	2026-03-06
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11ax
Frequency	2442
SAR 10g (W/Kg)	0.077
SAR 1g (W/Kg)	0.176

Maximum location: X=-24.00, Y=17.00 ; SAR Peak: 0.35 W/kg

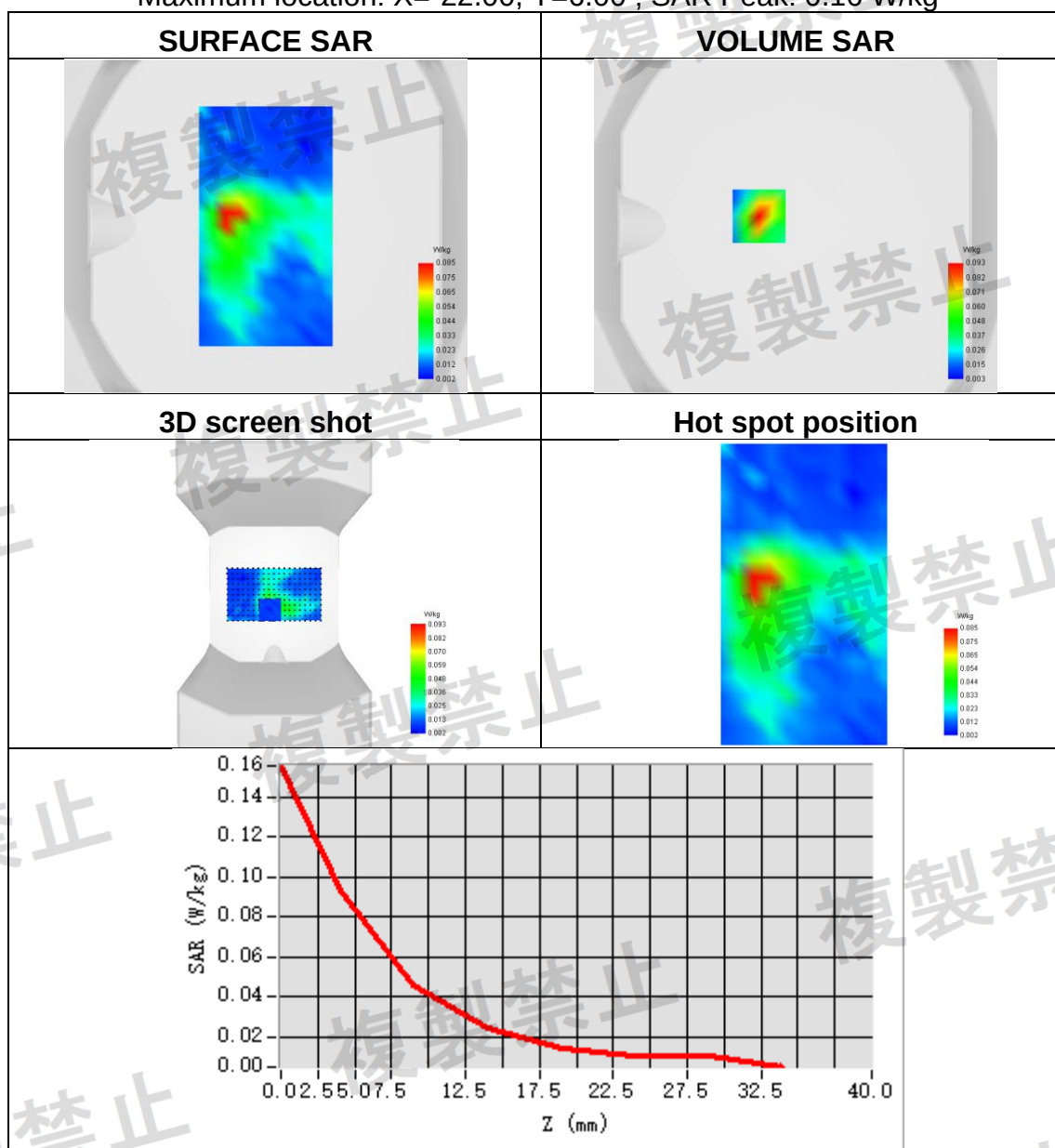




Plot 52:

Test Date	2026-03-06
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	ISM
Signal	IEEE 802.11ax
Frequency	2442
SAR 10g (W/Kg)	0.038
SAR 1g (W/Kg)	0.083

Maximum location: X=-22.00, Y=6.00 ; SAR Peak: 0.16 W/kg

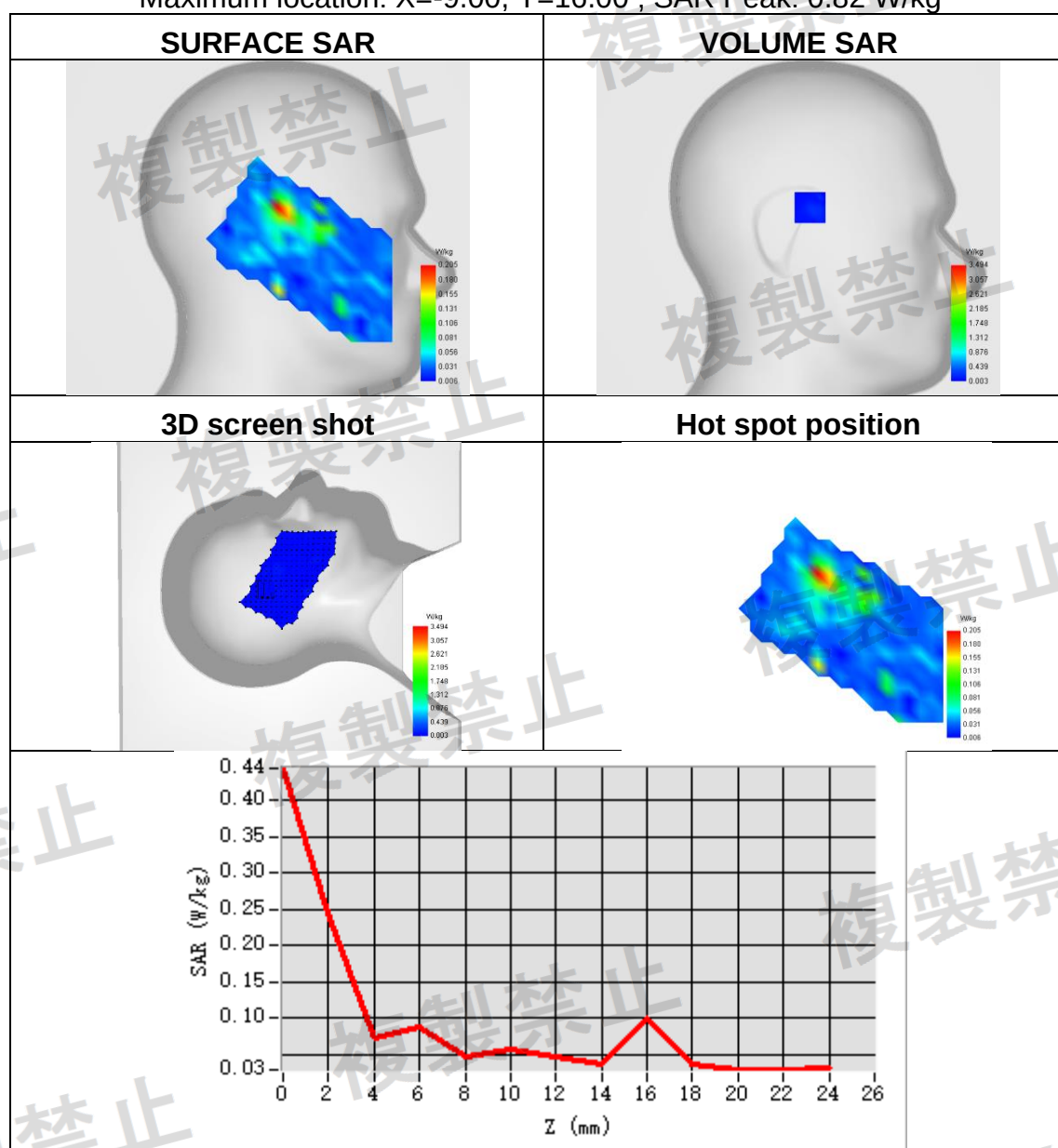




Plot 53:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-1
Signal	IEEE 802.11a
Frequency	5180
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.138

Maximum location: X=-9.00, Y=16.00 ; SAR Peak: 0.82 W/kg

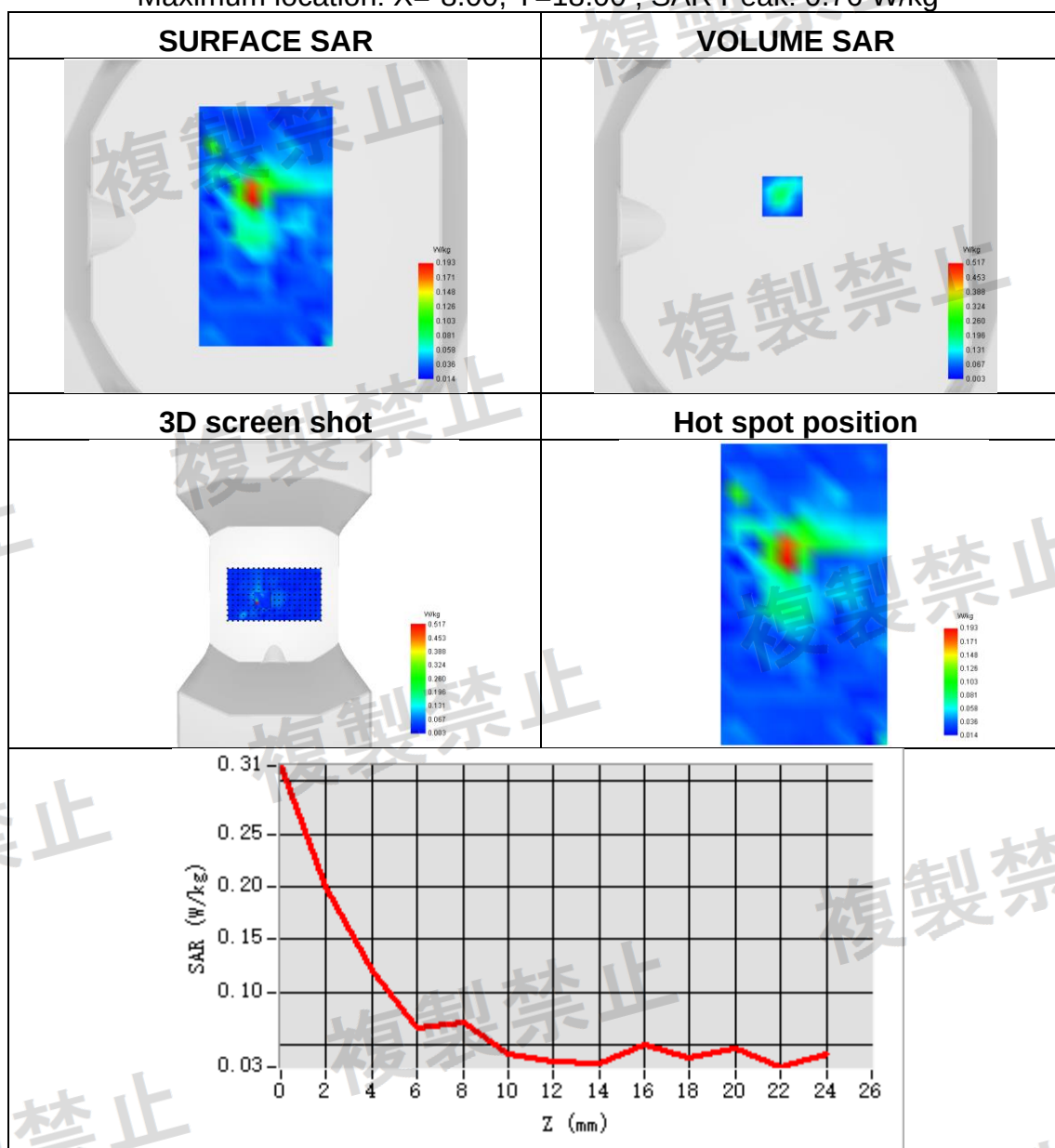




Plot 54:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-1
Signal	IEEE 802.11a
Frequency	5180
SAR 10g (W/Kg)	0.041
SAR 1g (W/Kg)	0.091

Maximum location: X=-8.00, Y=18.00 ; SAR Peak: 0.76 W/kg

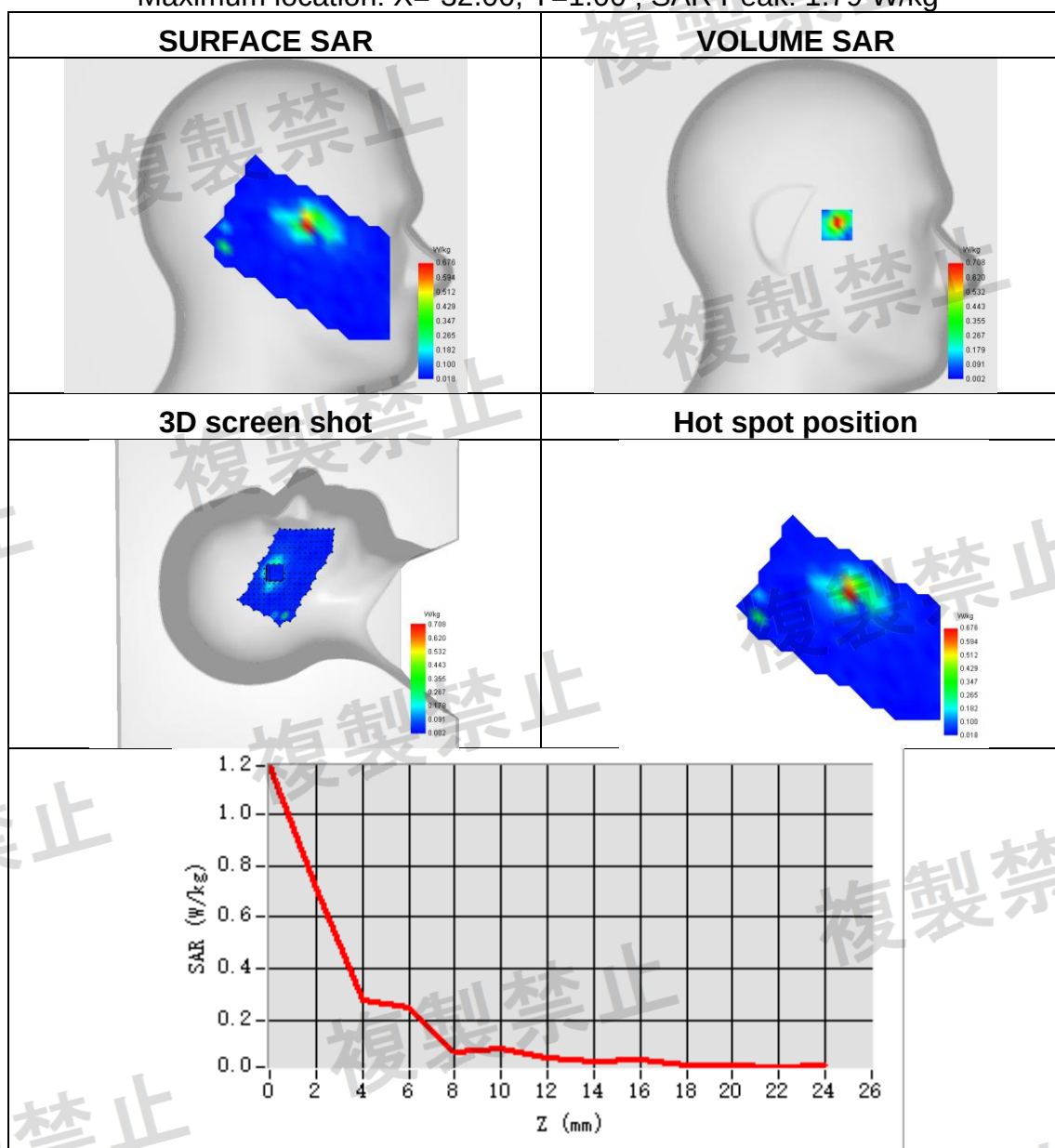




Plot 55:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-1
Signal	IEEE 802.11a
Frequency	5180
SAR 10g (W/Kg)	0.169
SAR 1g (W/Kg)	0.586

Maximum location: X=-32.00, Y=1.00 ; SAR Peak: 1.79 W/kg

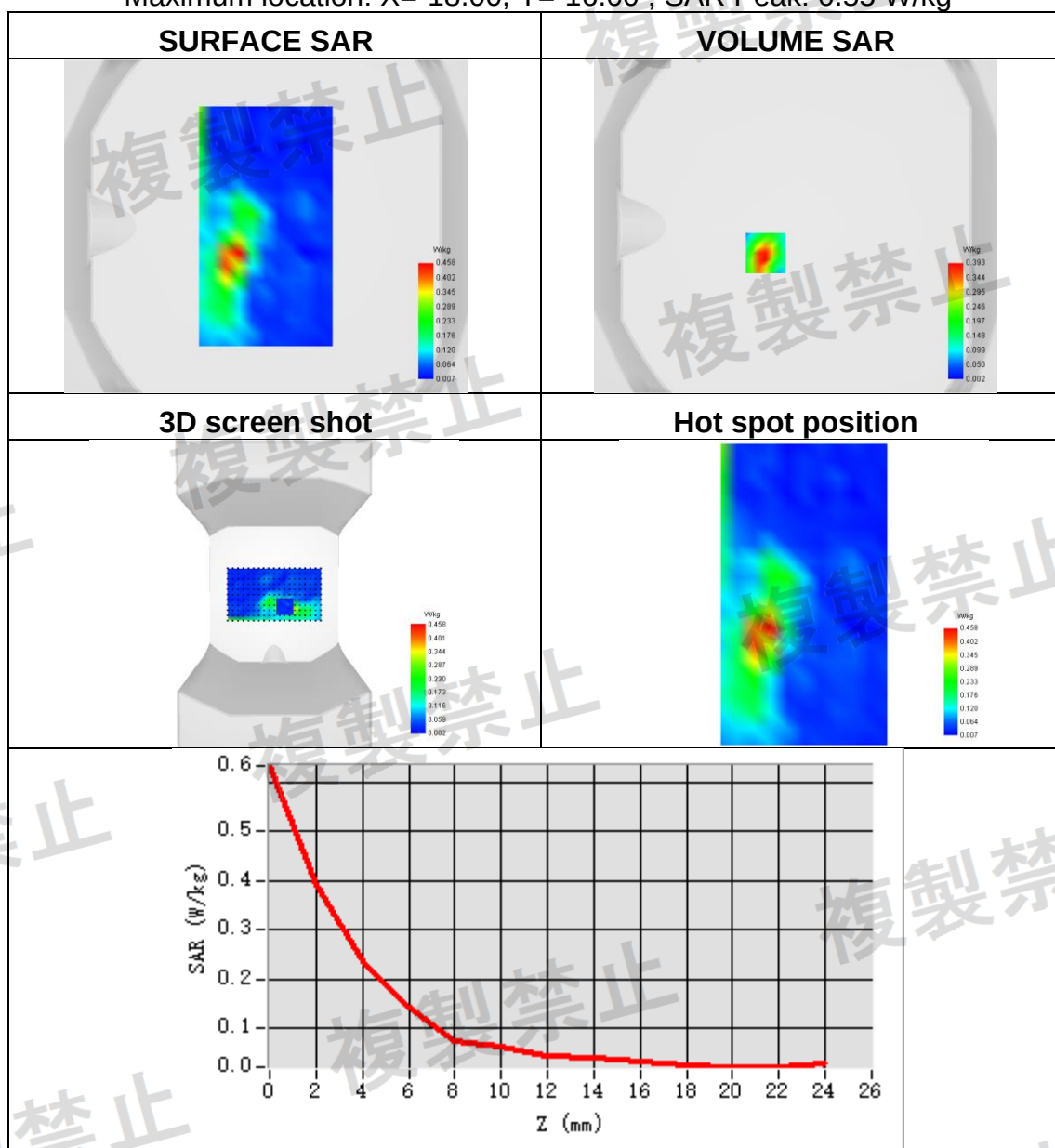




Plot 56:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-1
Signal	IEEE 802.11a
Frequency	5180
SAR 10g (W/Kg)	0.077
SAR 1g (W/Kg)	0.208

Maximum location: X=-18.00, Y=-16.00 ; SAR Peak: 0.55 W/kg

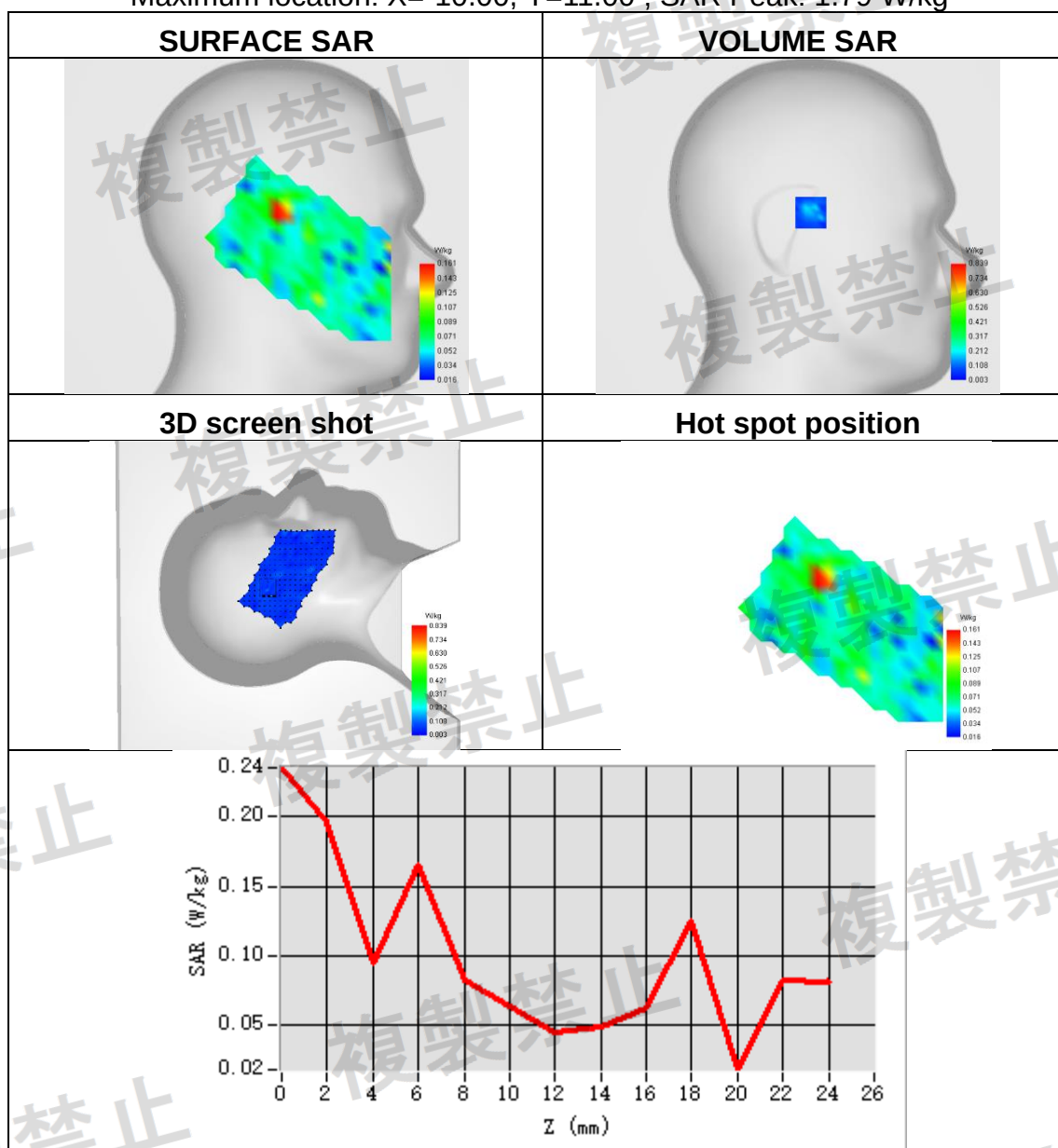




Plot 57:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2c
Signal	IEEE 802.11n
Frequency	5180
SAR 10g (W/Kg)	0.062
SAR 1g (W/Kg)	0.123

Maximum location: X=-10.00, Y=11.00 ; SAR Peak: 1.79 W/kg

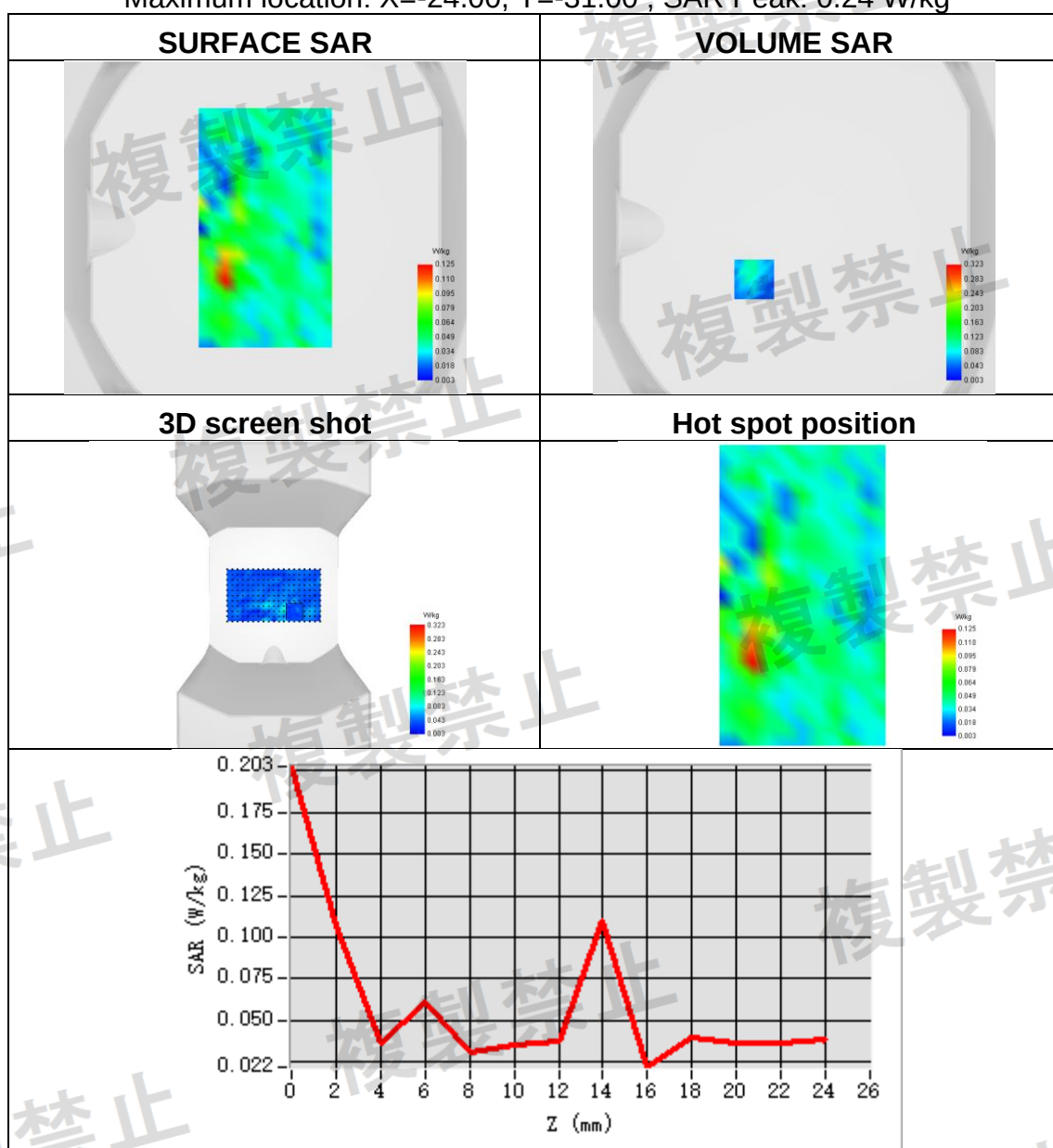




Plot 58:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2c
Signal	IEEE 802.11n
Frequency	5180
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.078

Maximum location: X=-24.00, Y=-31.00 ; SAR Peak: 0.24 W/kg

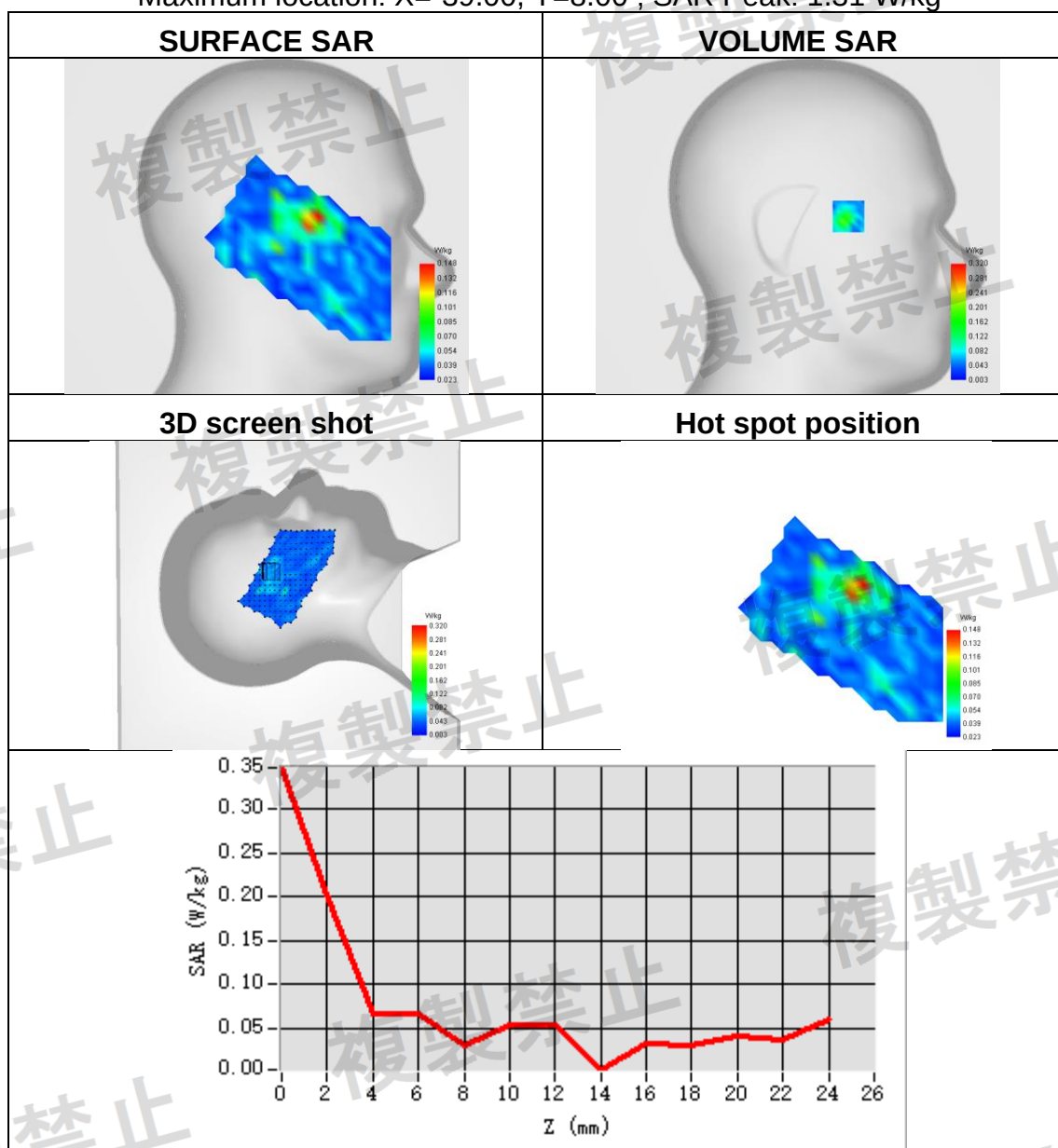




Plot 59:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-1
Signal	IEEE 802.11n
Frequency	5180
SAR 10g (W/Kg)	0.061
SAR 1g (W/Kg)	0.207

Maximum location: X=-39.00, Y=8.00 ; SAR Peak: 1.31 W/kg

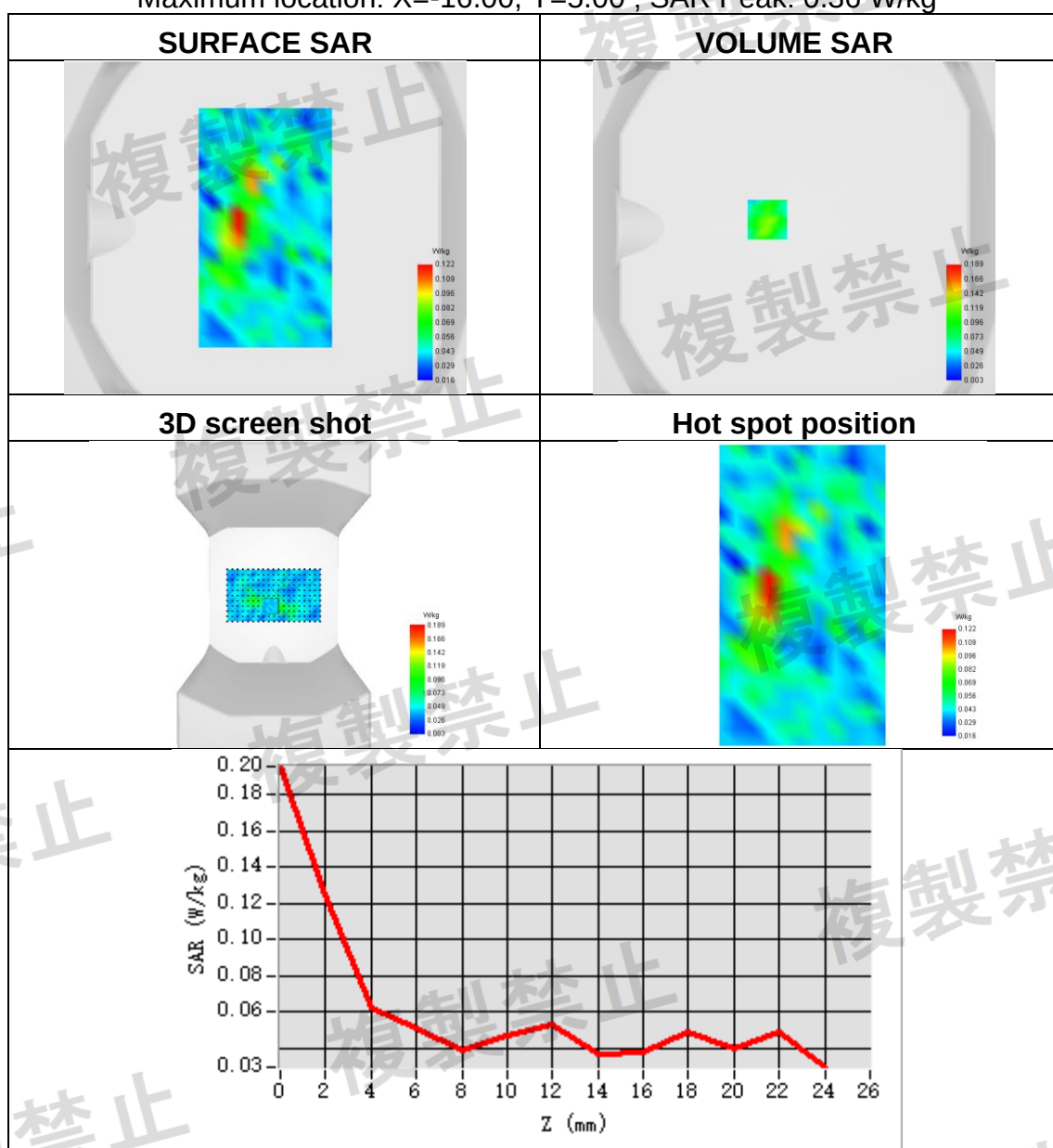




Plot 60:

Test Date	2026-03-25
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-1
Signal	IEEE 802.11n
Frequency	5180
SAR 10g (W/Kg)	0.050
SAR 1g (W/Kg)	0.095

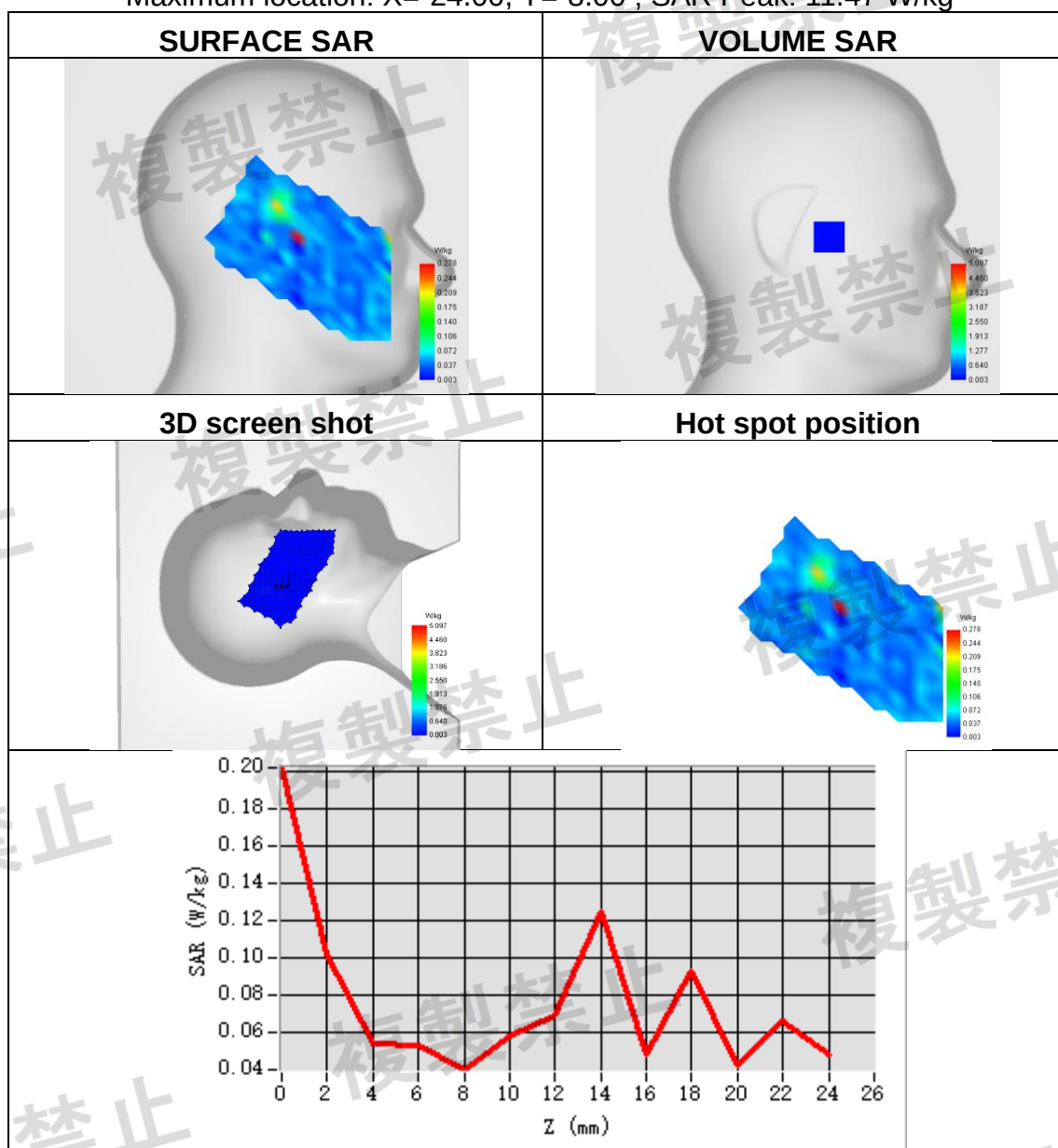
Maximum location: X=-16.00, Y=5.00 ; SAR Peak: 0.36 W/kg



Plot 61:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2a
Signal	IEEE 802.11a
Frequency	5320
SAR 10g (W/Kg)	0.138
SAR 1g (W/Kg)	0.751

Maximum location: X=-24.00, Y=-8.00 ; SAR Peak: 11.47 W/kg

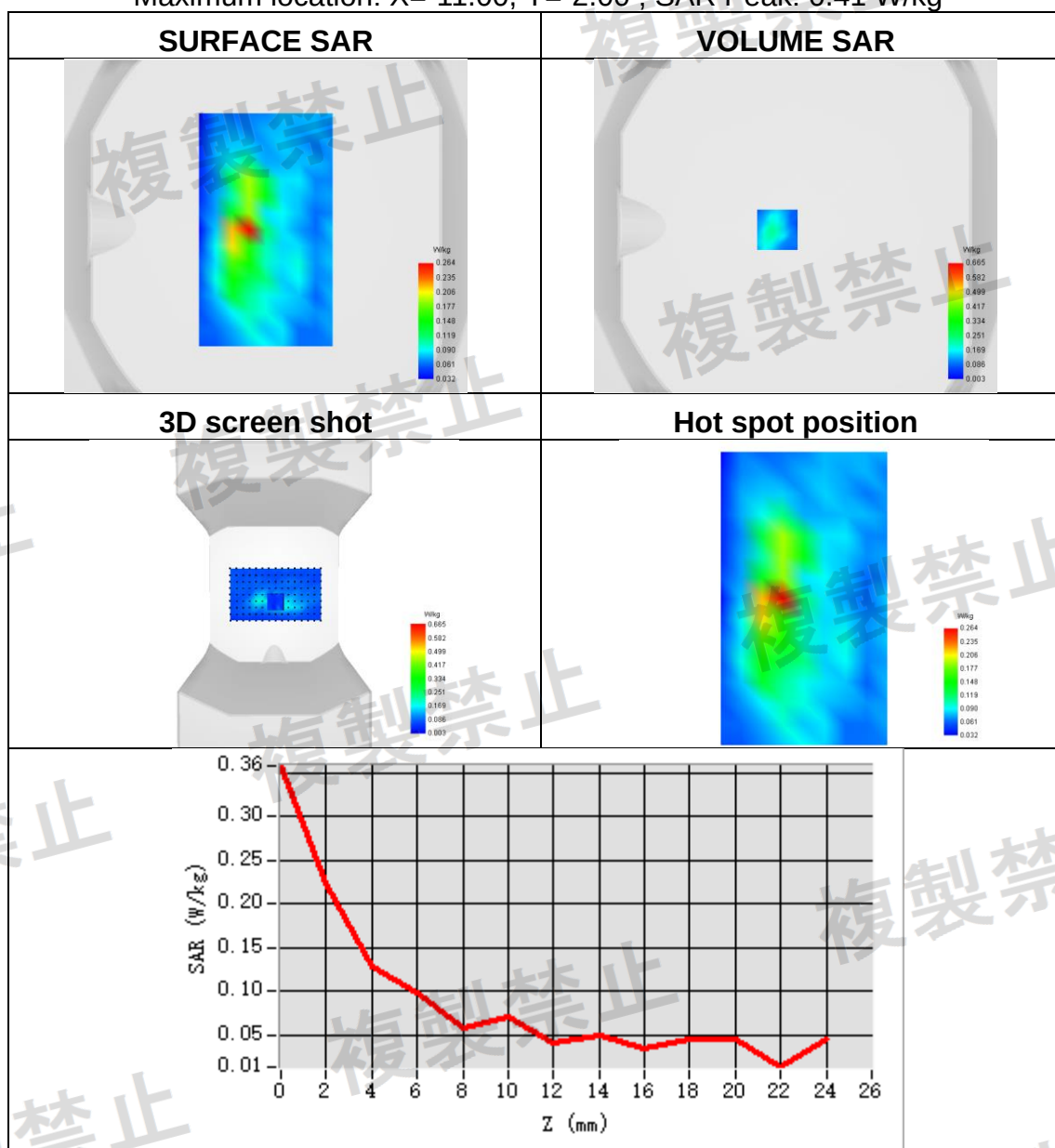




Plot 62:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2a
Signal	IEEE 802.11a
Frequency	5320
SAR 10g (W/Kg)	0.063
SAR 1g (W/Kg)	0.145

Maximum location: X=-11.00, Y=-2.00 ; SAR Peak: 0.41 W/kg

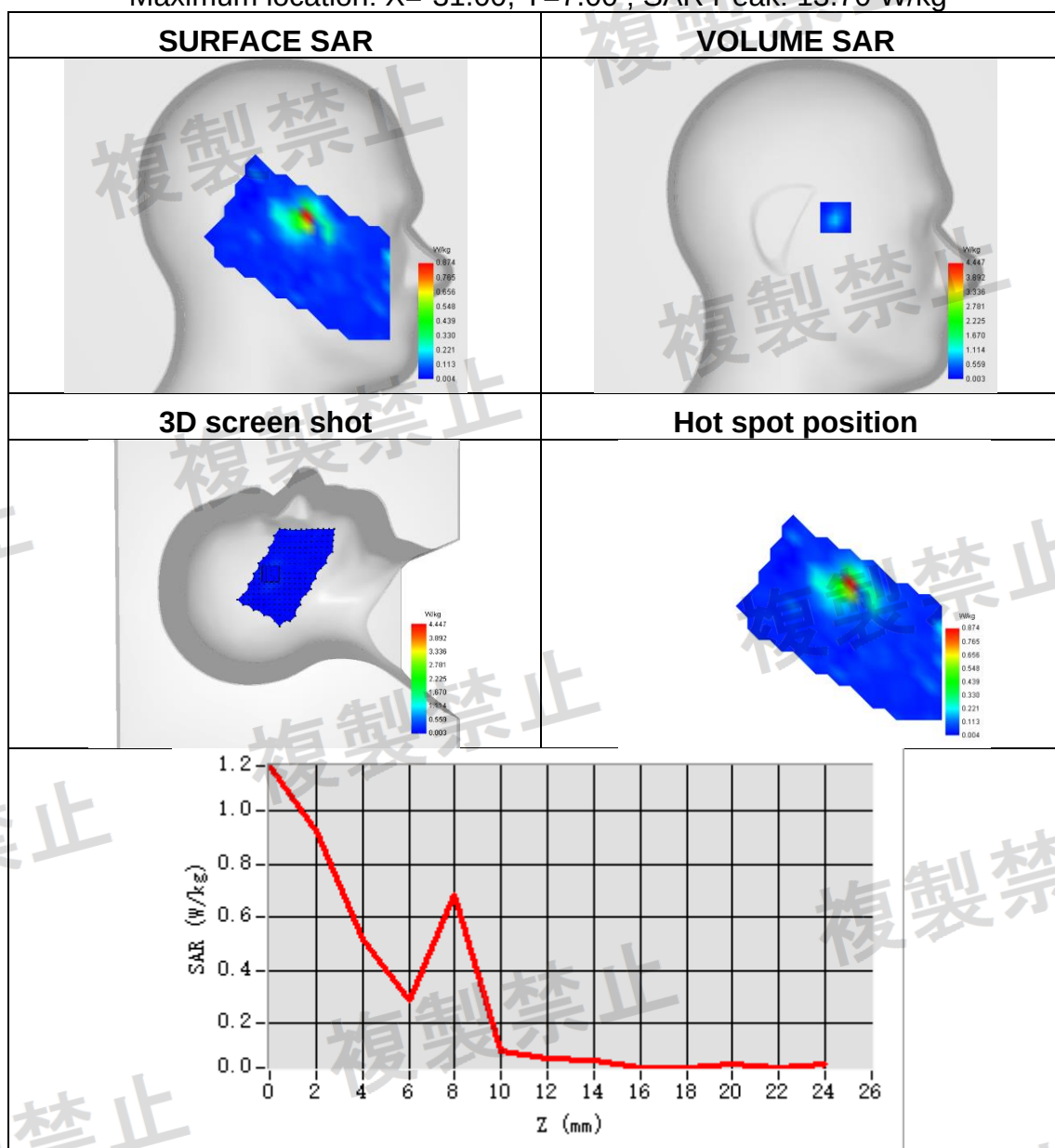




Plot 63:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2a
Signal	IEEE 802.11a
Frequency	5320
SAR 10g (W/Kg)	0.312
SAR 1g (W/Kg)	1.478

Maximum location: X=-31.00, Y=7.00 ; SAR Peak: 13.70 W/kg

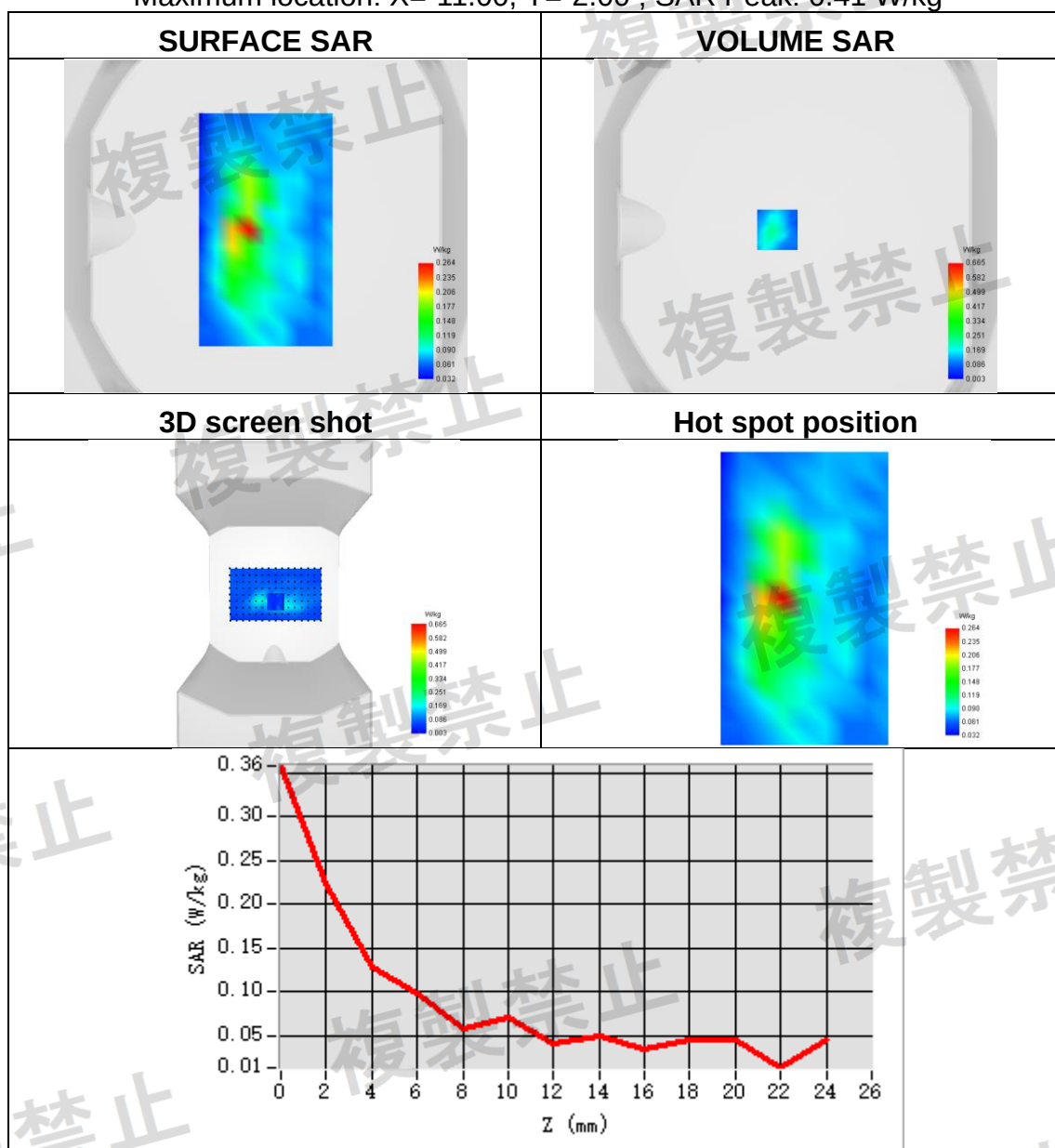




Plot 64:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2a
Signal	IEEE 802.11a
Frequency	5320
SAR 10g (W/Kg)	0.063
SAR 1g (W/Kg)	0.145

Maximum location: X=-11.00, Y=-2.00 ; SAR Peak: 0.41 W/kg

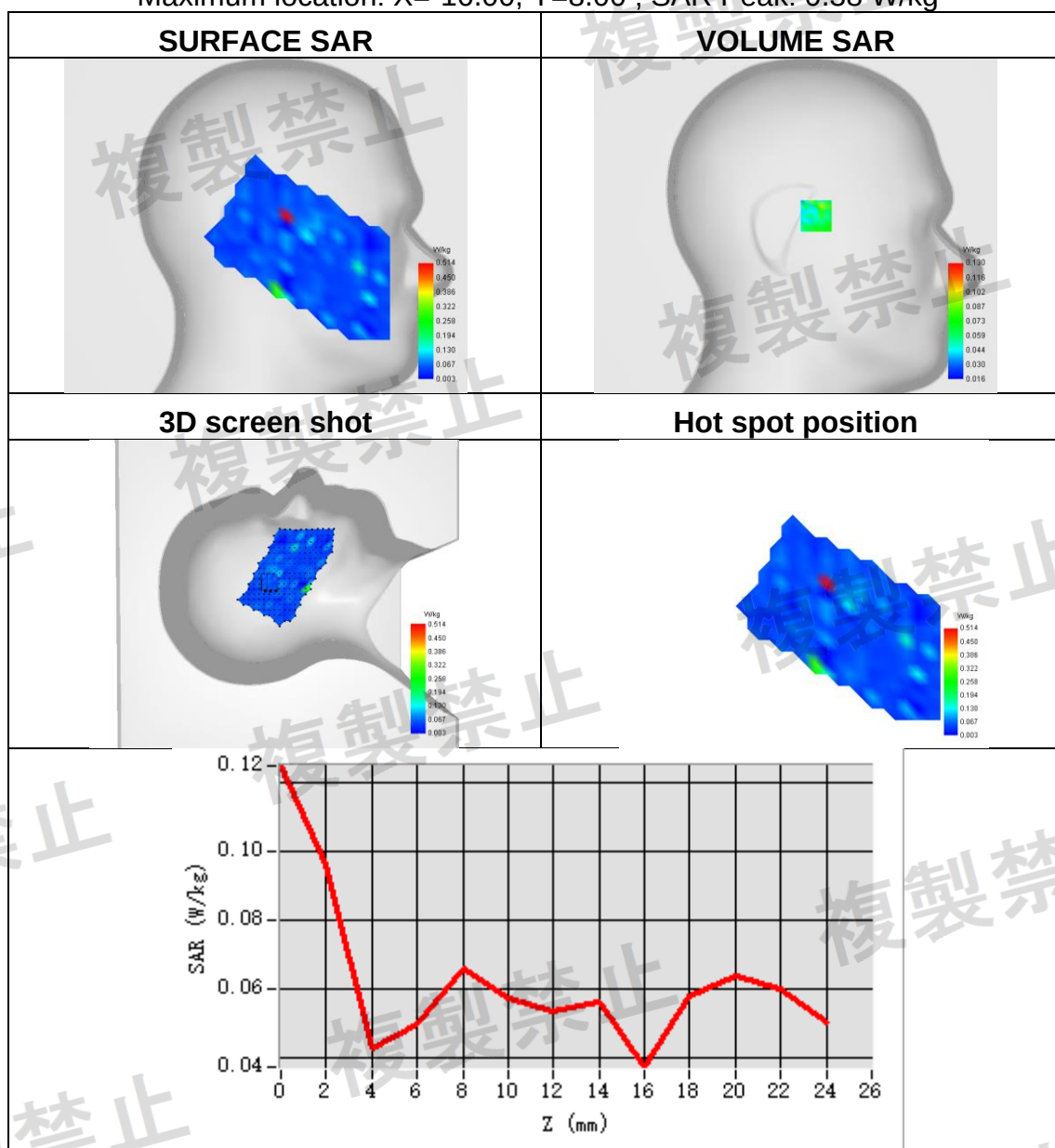




Plot 65:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2a
Signal	IEEE 802.11ax
Frequency	5290
SAR 10g (W/Kg)	0.045
SAR 1g (W/Kg)	0.080

Maximum location: X=-16.00, Y=8.00 ; SAR Peak: 0.38 W/kg

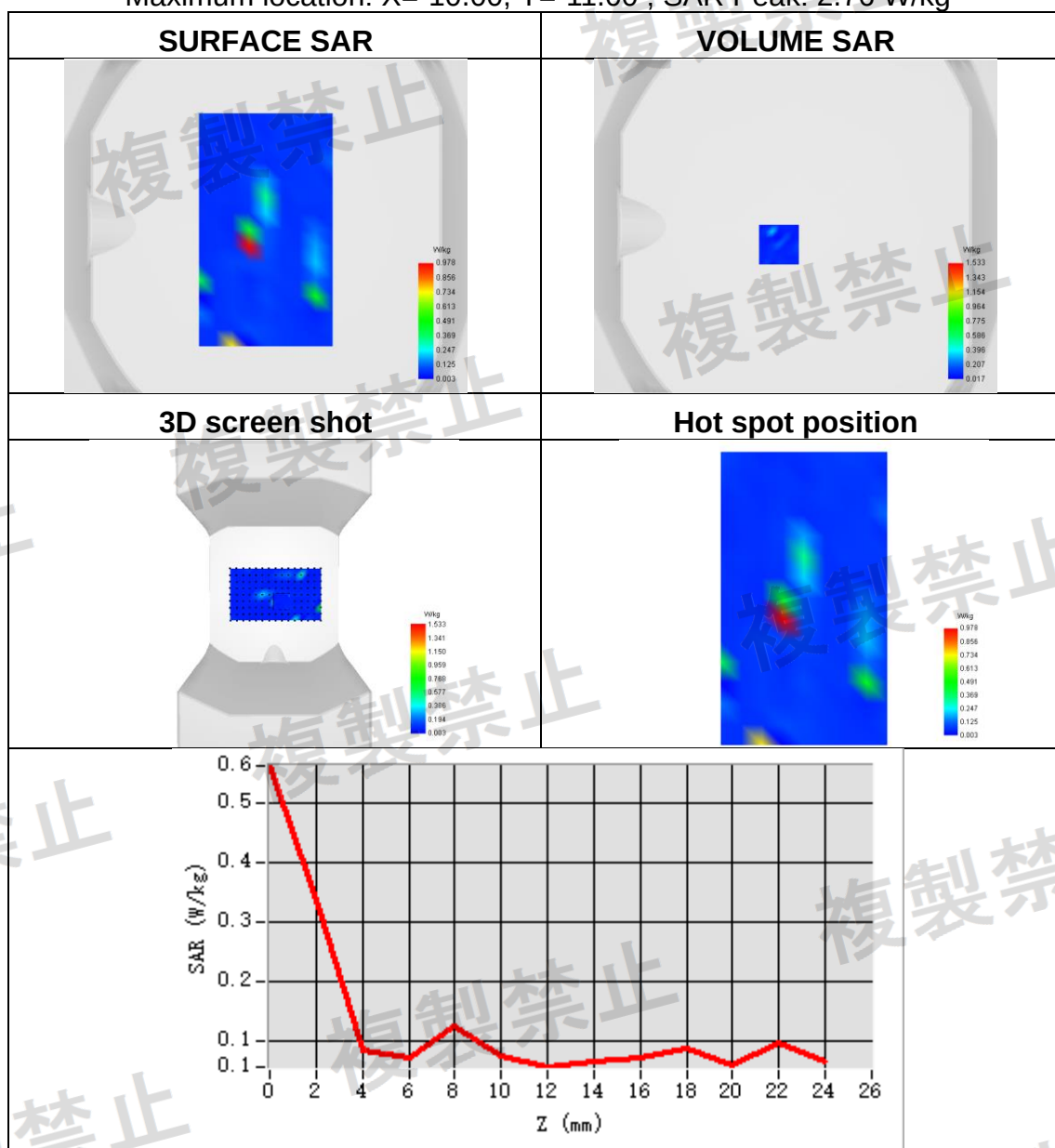




Plot 66:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2a
Signal	IEEE 802.11ax
Frequency	5290
SAR 10g (W/Kg)	0.068
SAR 1g (W/Kg)	0.151

Maximum location: X=-10.00, Y=-11.00 ; SAR Peak: 2.76 W/kg

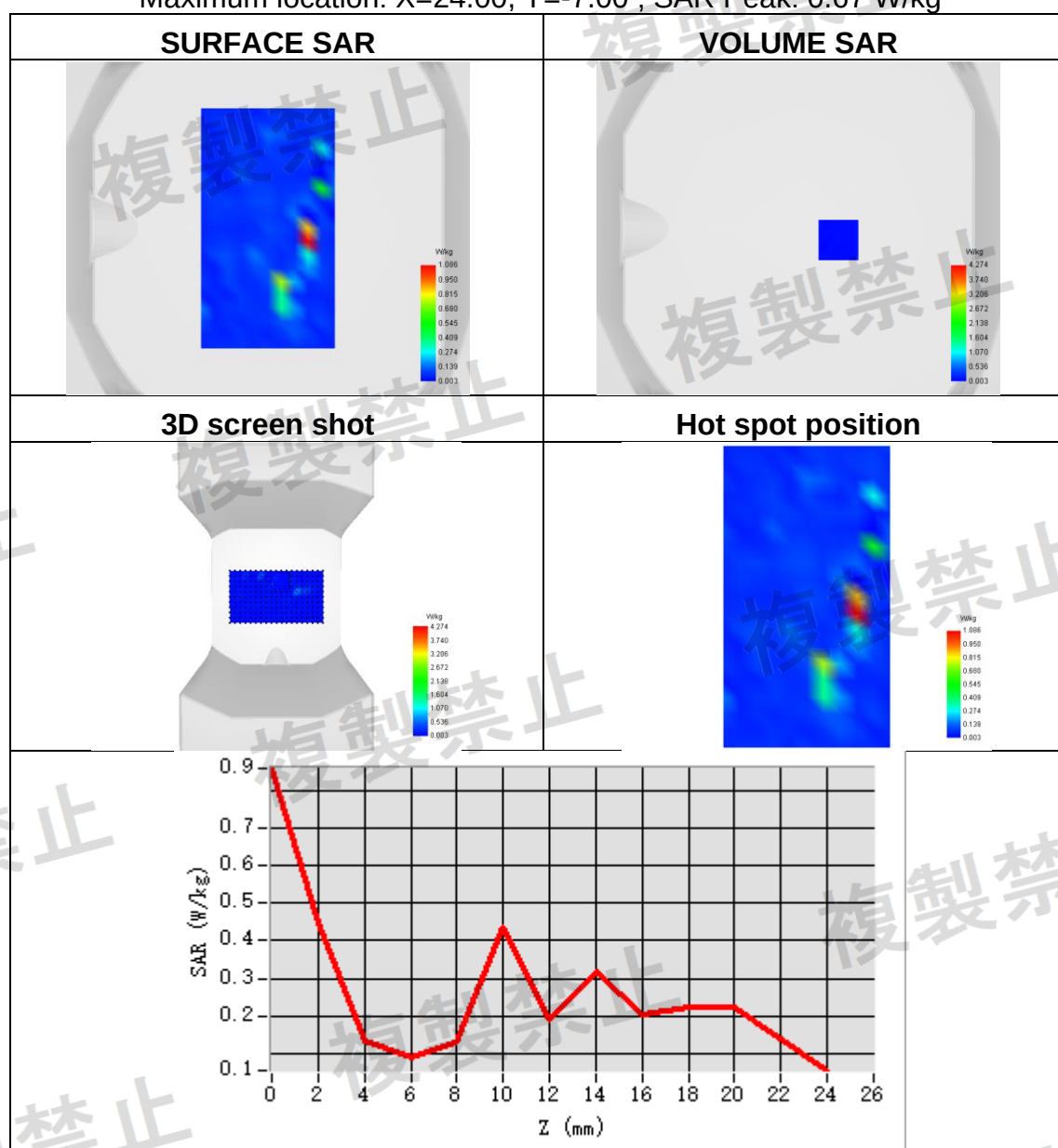




Plot 67:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	IEEE 802.11n40 U-NII
Signal	IEEE 802.11
Frequency	5290
SAR 10g (W/Kg)	0.055
SAR 1g (W/Kg)	0.052

Maximum location: X=24.00, Y=-7.00 ; SAR Peak: 0.67 W/kg

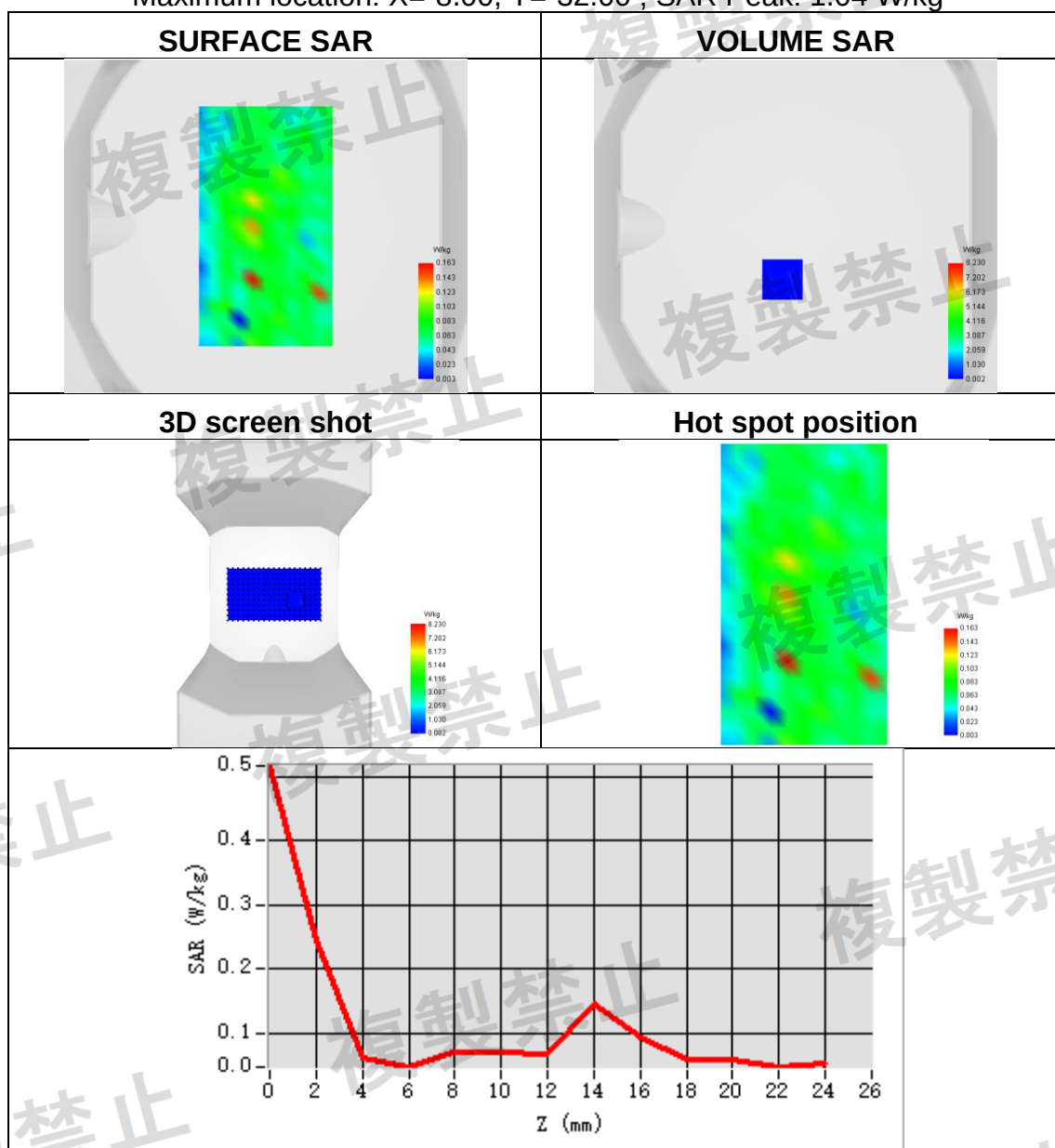




Plot 68:

Test Date	2026-03-26
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2c
Signal	IEEE 802.11n
Frequency	5290
SAR 10g (W/Kg)	0.056
SAR 1g (W/Kg)	0.288

Maximum location: X=-8.00, Y=-32.00 ; SAR Peak: 1.04 W/kg

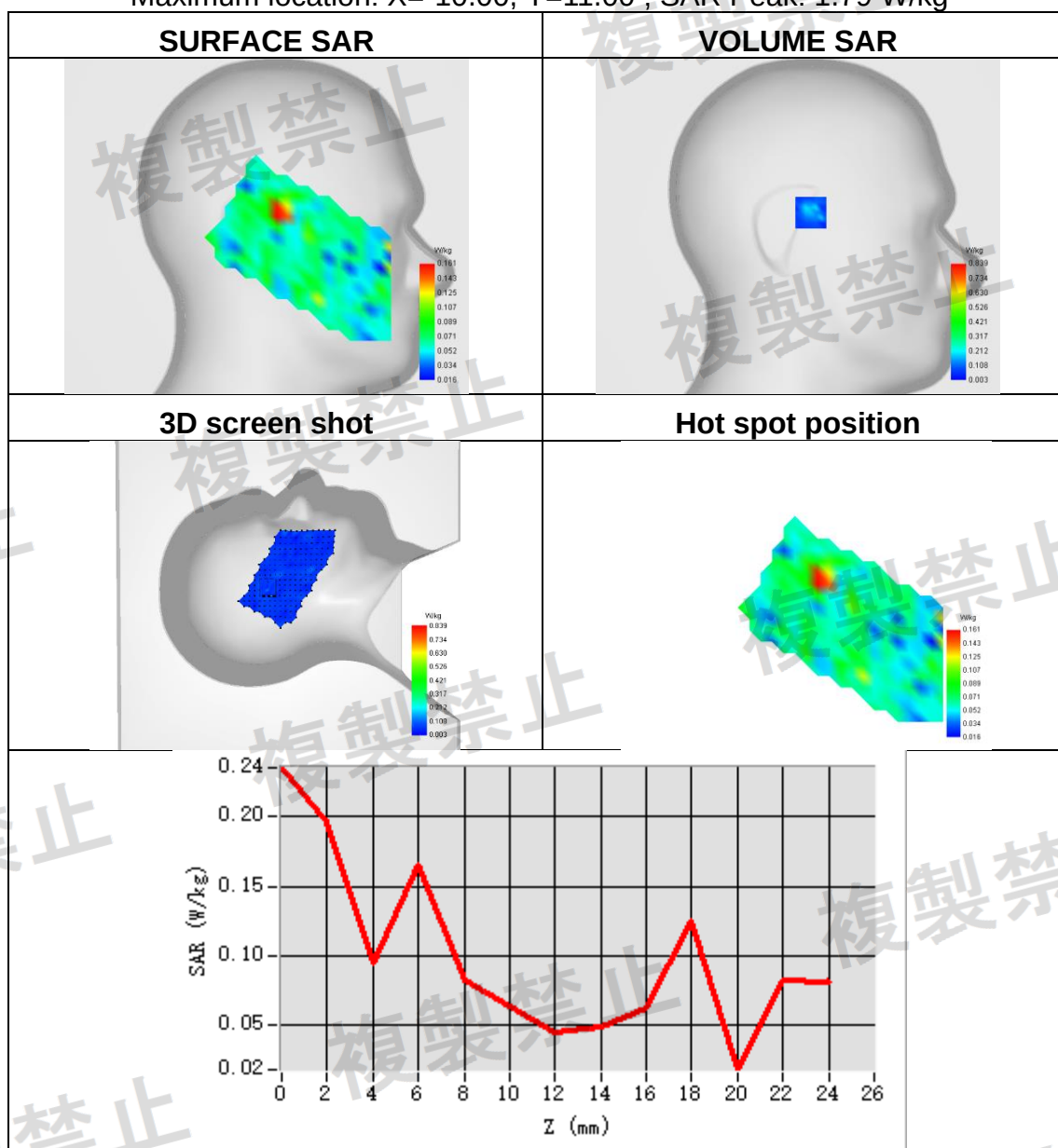




Plot 69:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2c
Signal	IEEE 802.11a
Frequency	5500
SAR 10g (W/Kg)	0.062
SAR 1g (W/Kg)	0.123

Maximum location: X=-10.00, Y=11.00 ; SAR Peak: 1.79 W/kg

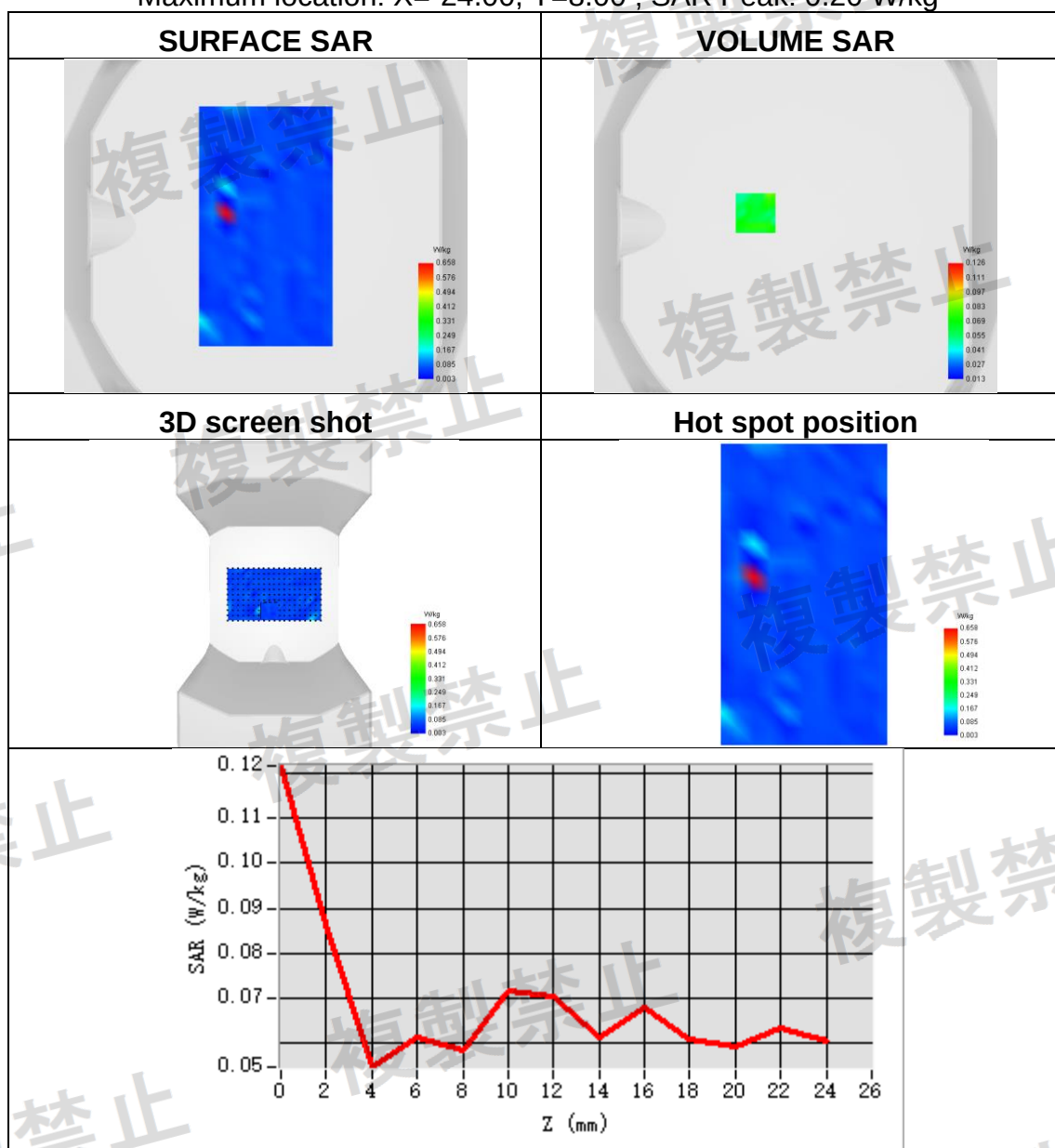




Plot 70:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2c
Signal	IEEE 802.11a
Frequency	5500
SAR 10g (W/Kg)	0.042
SAR 1g (W/Kg)	0.067

Maximum location: X=-24.00, Y=8.00 ; SAR Peak: 0.20 W/kg

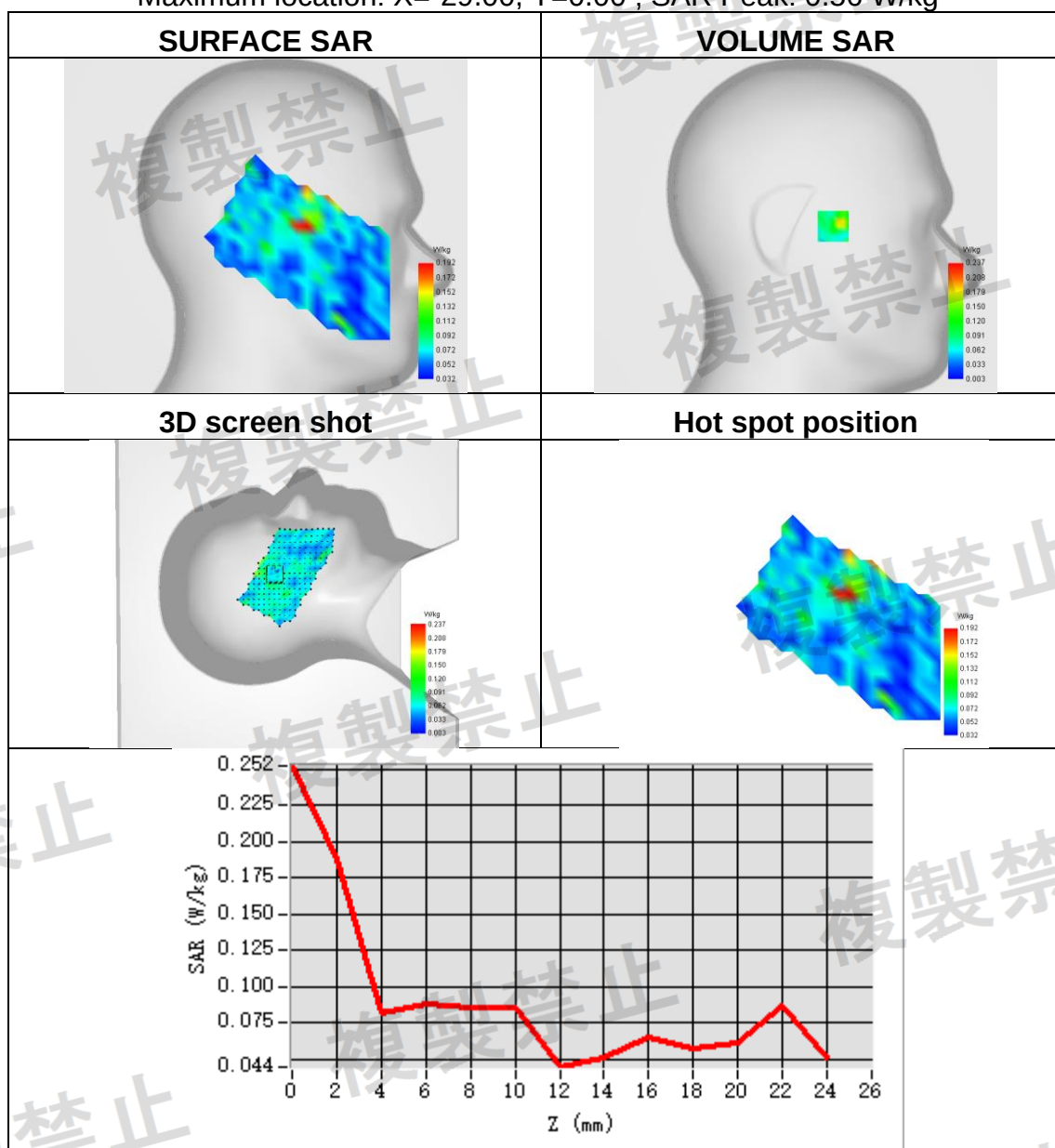




Plot 71:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2c
Signal	IEEE 802.11a
Frequency	5500
SAR 10g (W/Kg)	0.069
SAR 1g (W/Kg)	0.153

Maximum location: X=-29.00, Y=0.00 ; SAR Peak: 0.56 W/kg

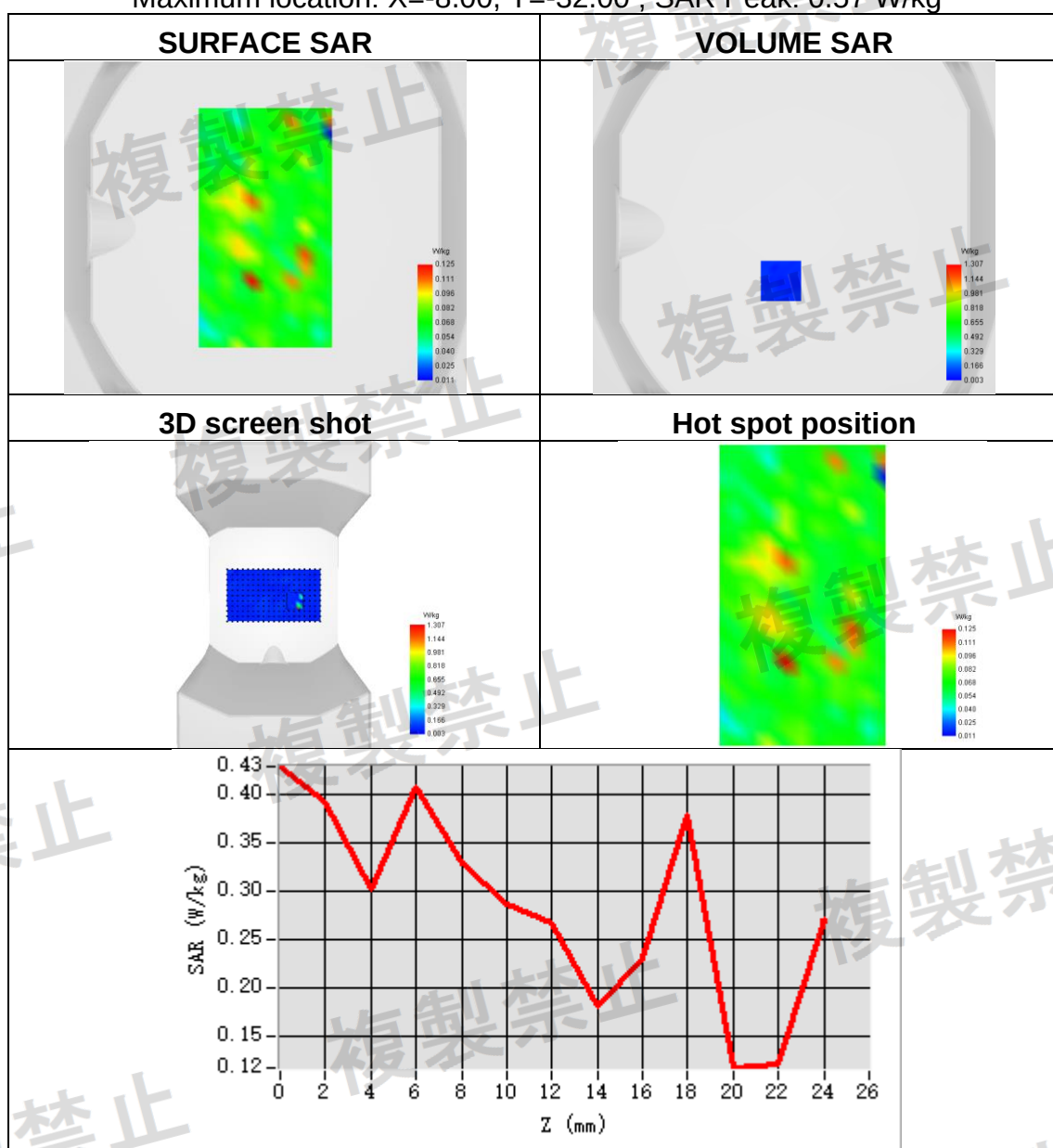




Plot 72:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2c
Signal	IEEE 802.11a
Frequency	5500
SAR 10g (W/Kg)	0.058
SAR 1g (W/Kg)	0.118

Maximum location: X=-8.00, Y=-32.00 ; SAR Peak: 0.57 W/kg

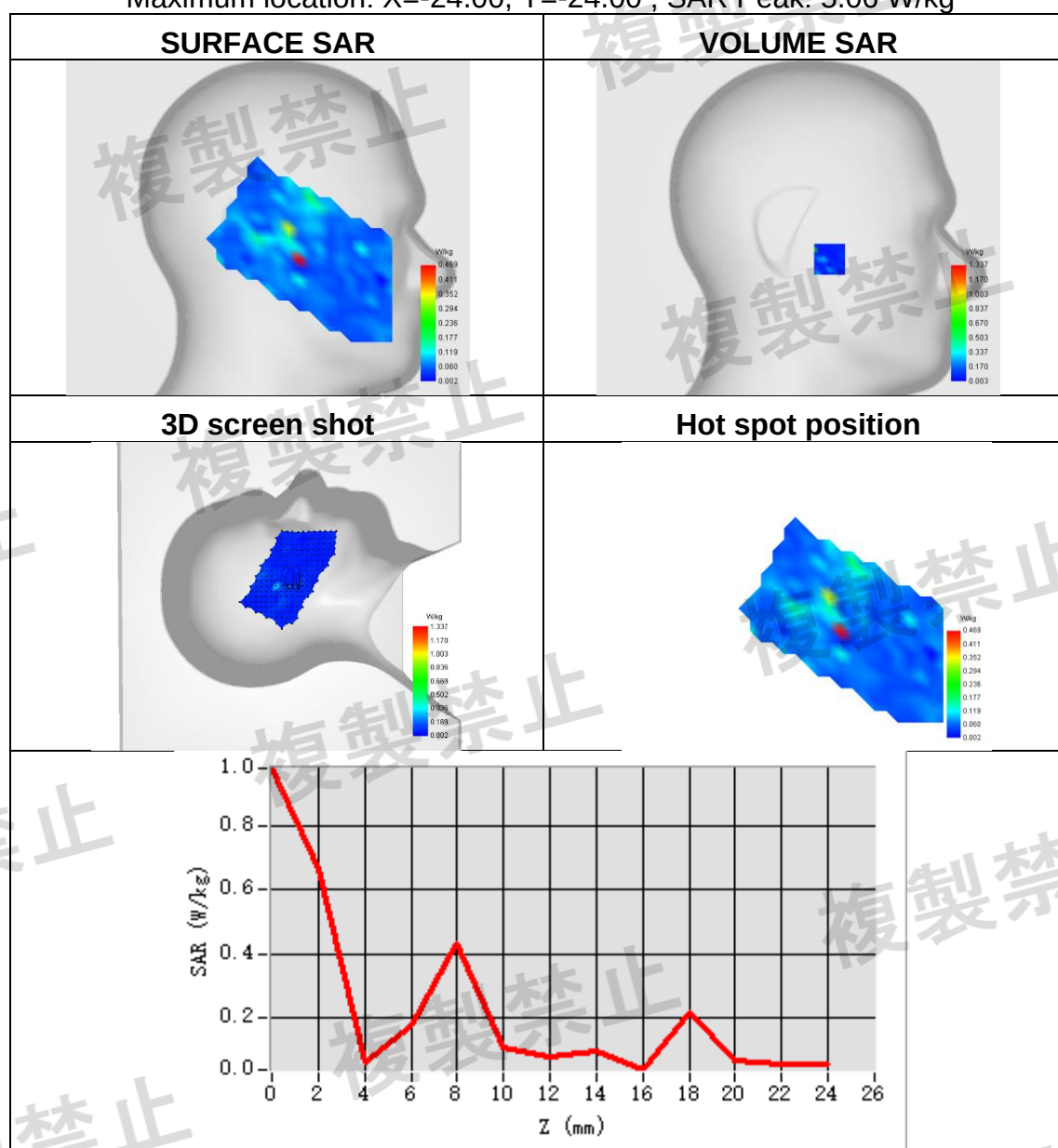




Plot 73:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2c
Signal	IEEE 802.11ax
Frequency	5530
SAR 10g (W/Kg)	0.094
SAR 1g (W/Kg)	0.313

Maximum location: X=-24.00, Y=-24.00 ; SAR Peak: 5.06 W/kg

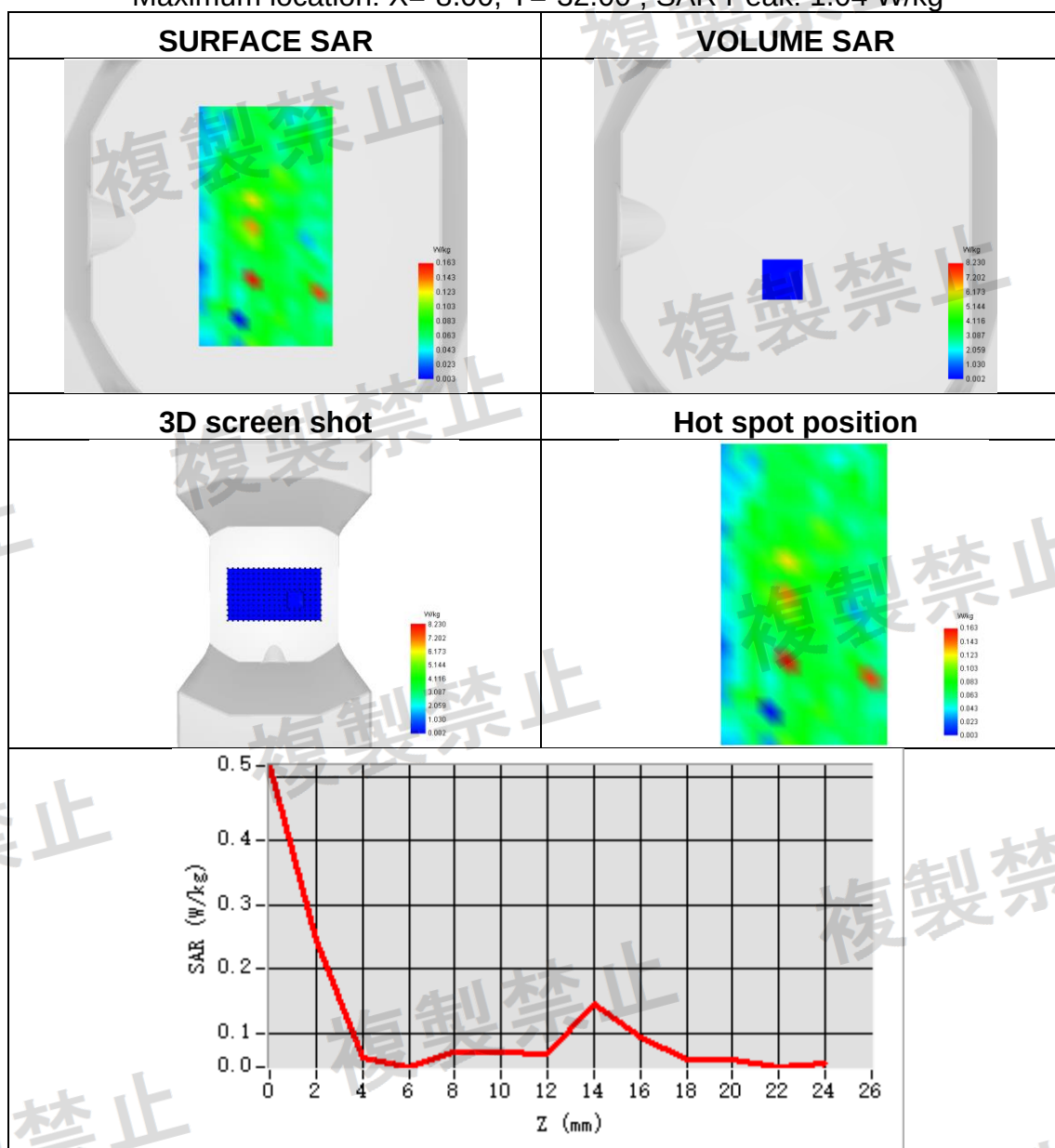




Plot 74:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2c
Signal	IEEE 802.11ax
Frequency	5530
SAR 10g (W/Kg)	0.056
SAR 1g (W/Kg)	0.288

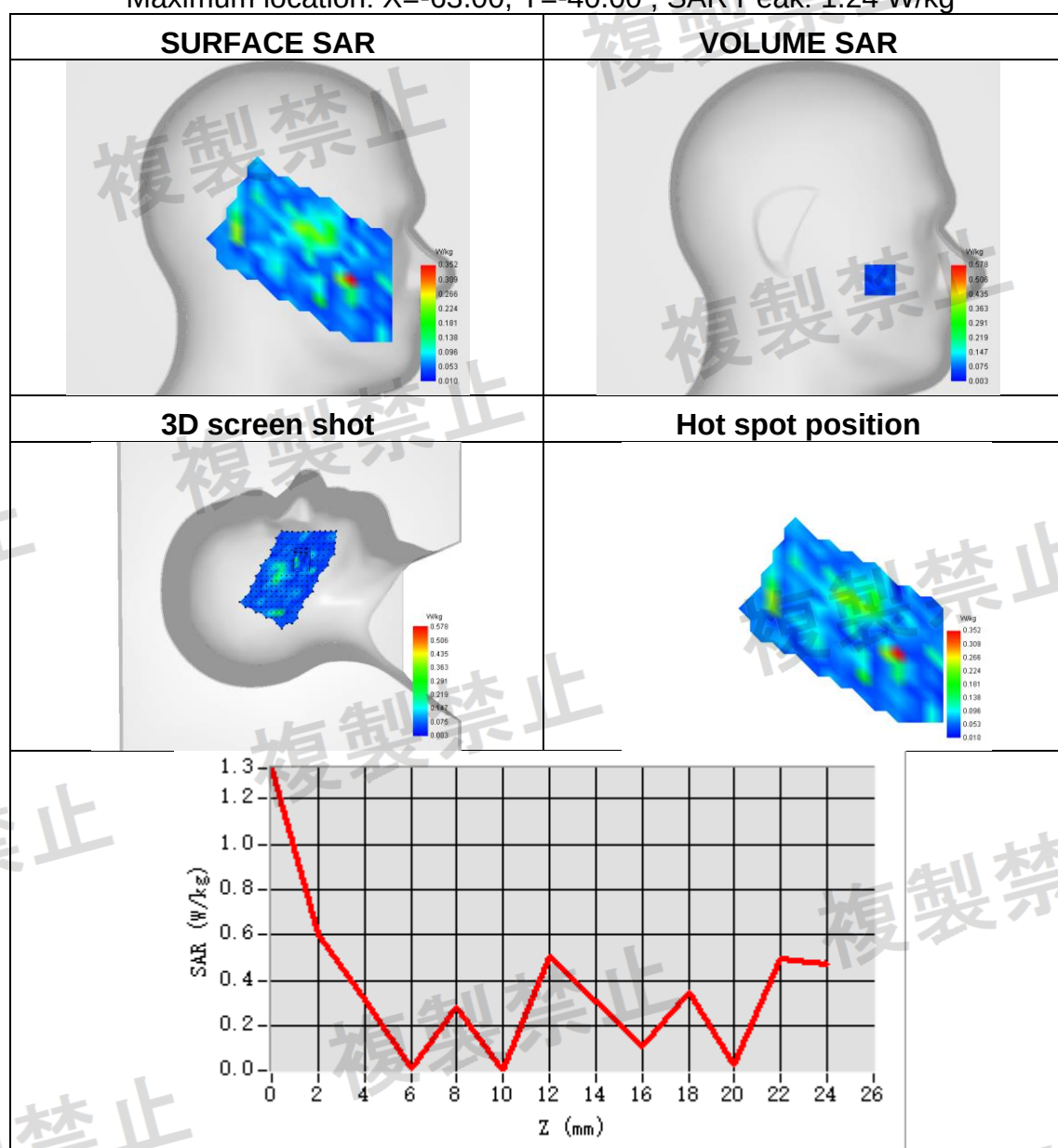
Maximum location: X=-8.00, Y=-32.00 ; SAR Peak: 1.04 W/kg



Plot 75:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2c
Signal	IEEE 802.11ax
Frequency	5530
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.088

Maximum location: X=-63.00, Y=-40.00 ; SAR Peak: 1.24 W/kg

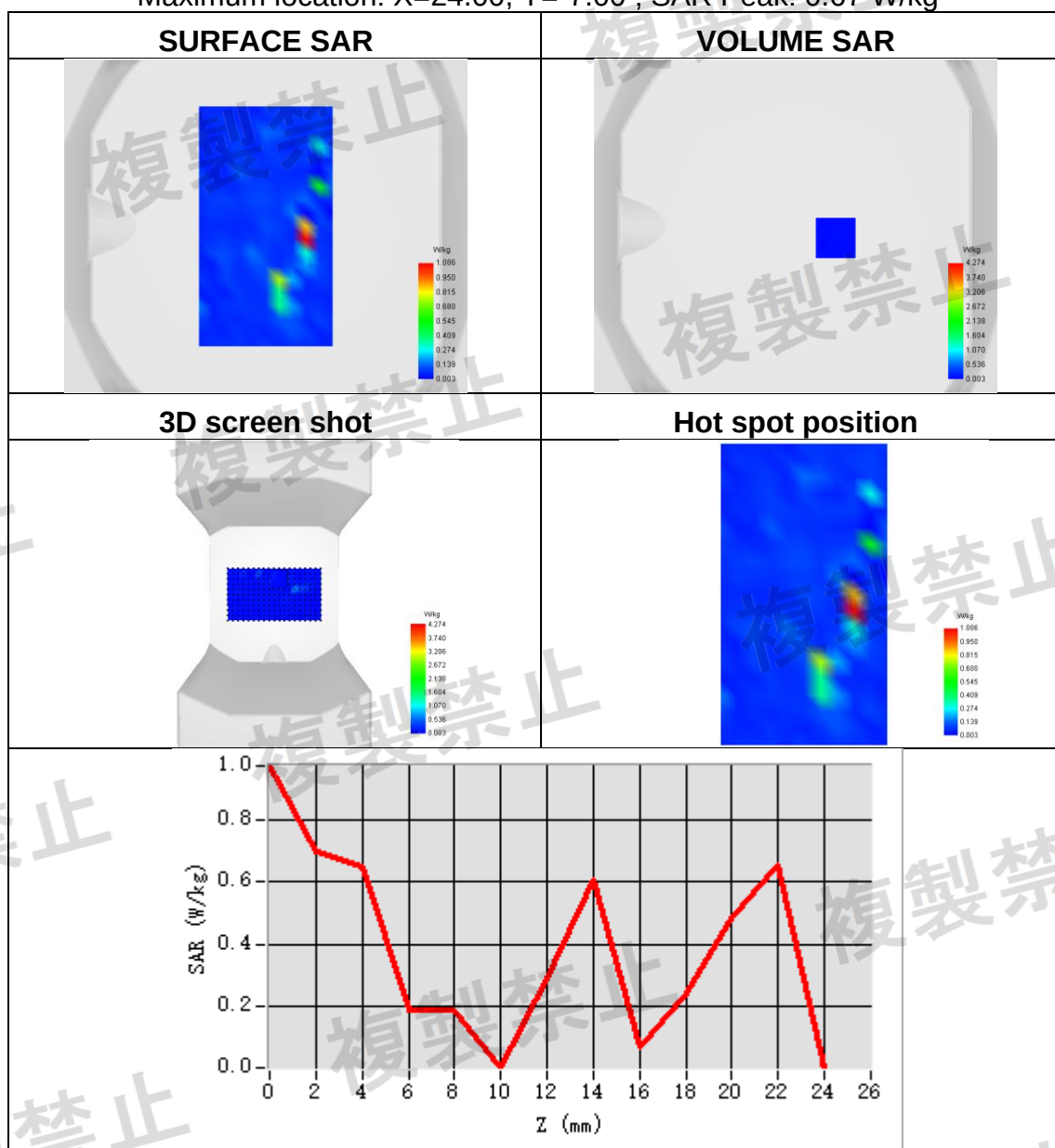




Plot 76:

Test Date	2026-03-29
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	U-NII-2c
Signal	IEEE 802.11ax
Frequency	5530
SAR 10g (W/Kg)	0.055
SAR 1g (W/Kg)	0.052

Maximum location: X=24.00, Y=-7.00 ; SAR Peak: 0.67 W/kg

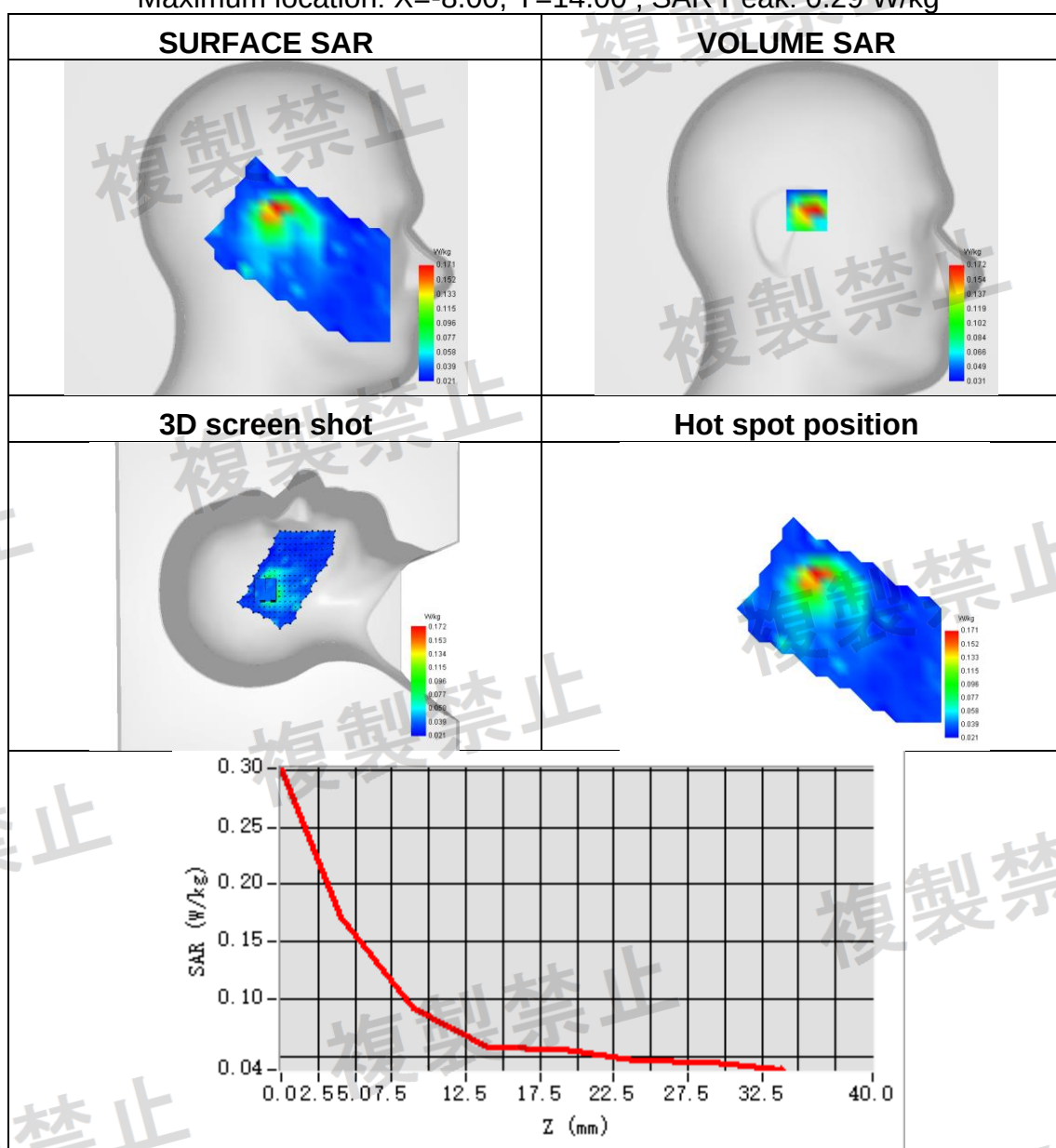




Plot 77:

Test Date	2026-03-06
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Bluetooth
Signal	Bluetooth
Frequency	2441
SAR 10g (W/Kg)	0.085
SAR 1g (W/Kg)	0.157

Maximum location: X=-8.00, Y=14.00 ; SAR Peak: 0.29 W/kg

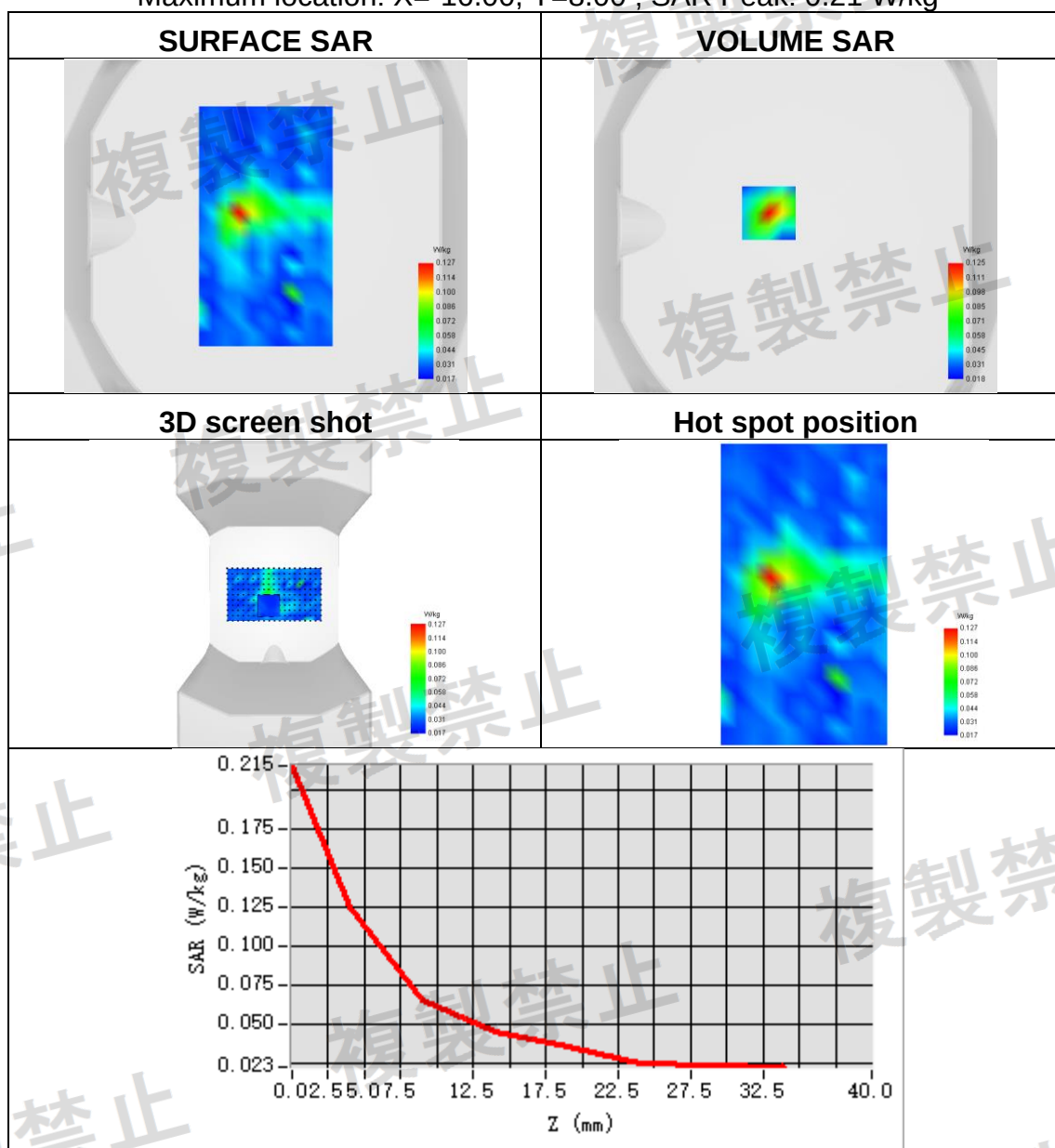




Plot 78:

Test Date	2026-03-06
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Bluetooth
Signal	Bluetooth
Frequency	2441
SAR 10g (W/Kg)	0.059
SAR 1g (W/Kg)	0.116

Maximum location: X=-16.00, Y=8.00 ; SAR Peak: 0.21 W/kg





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※