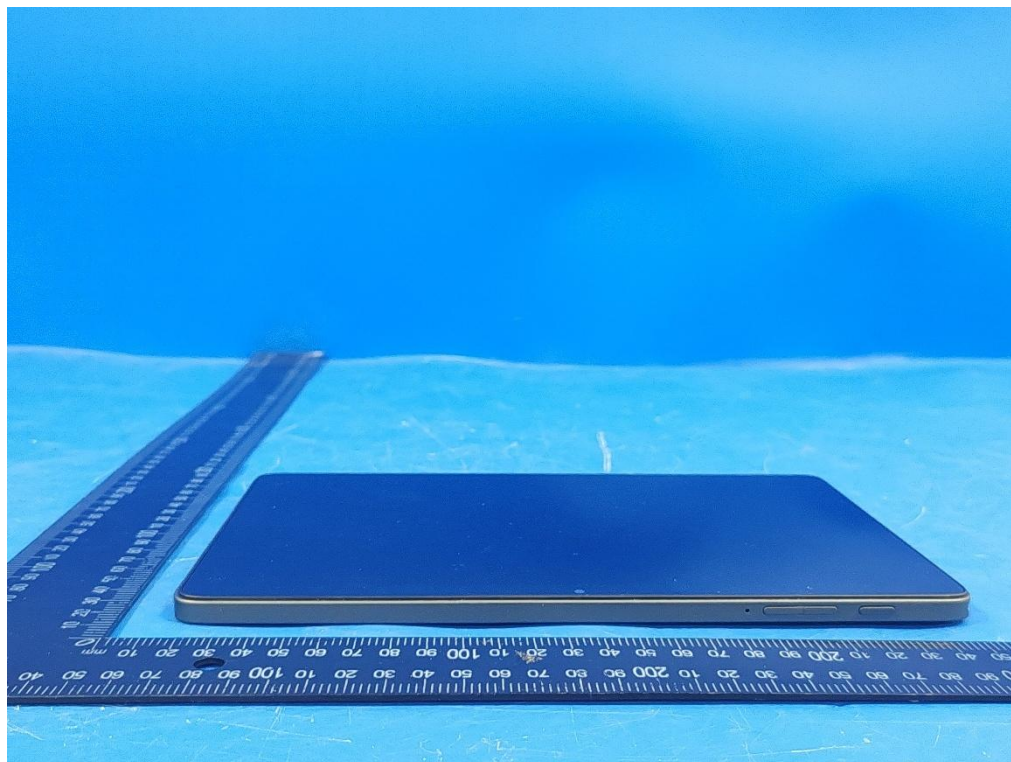
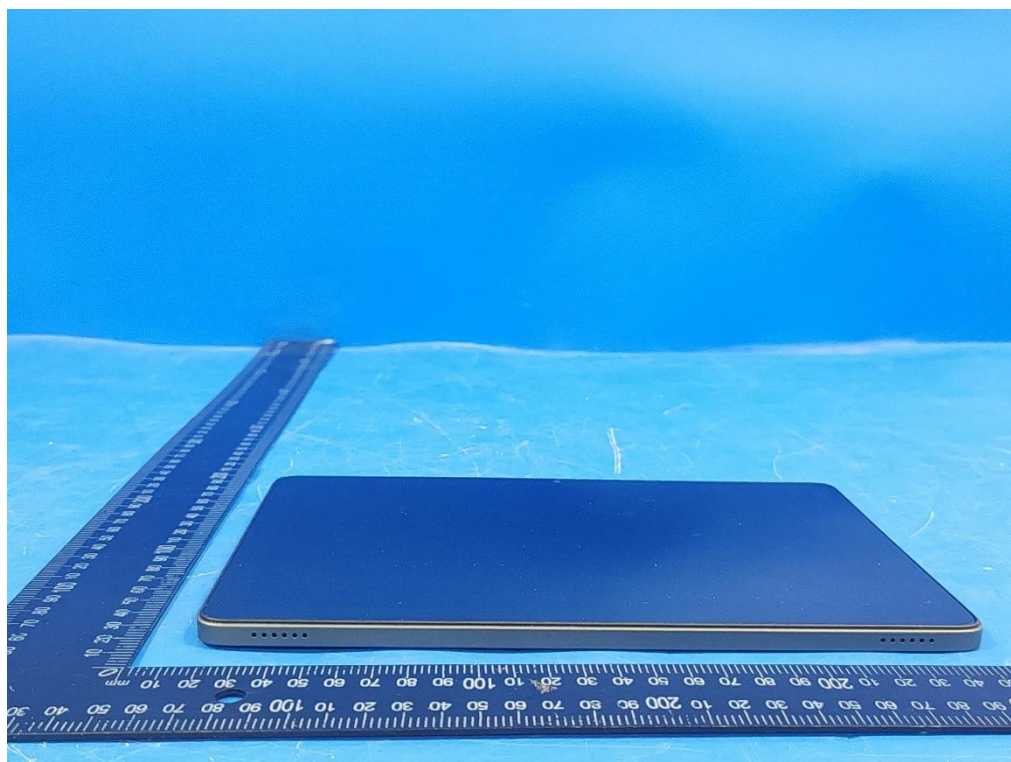




Right Edge

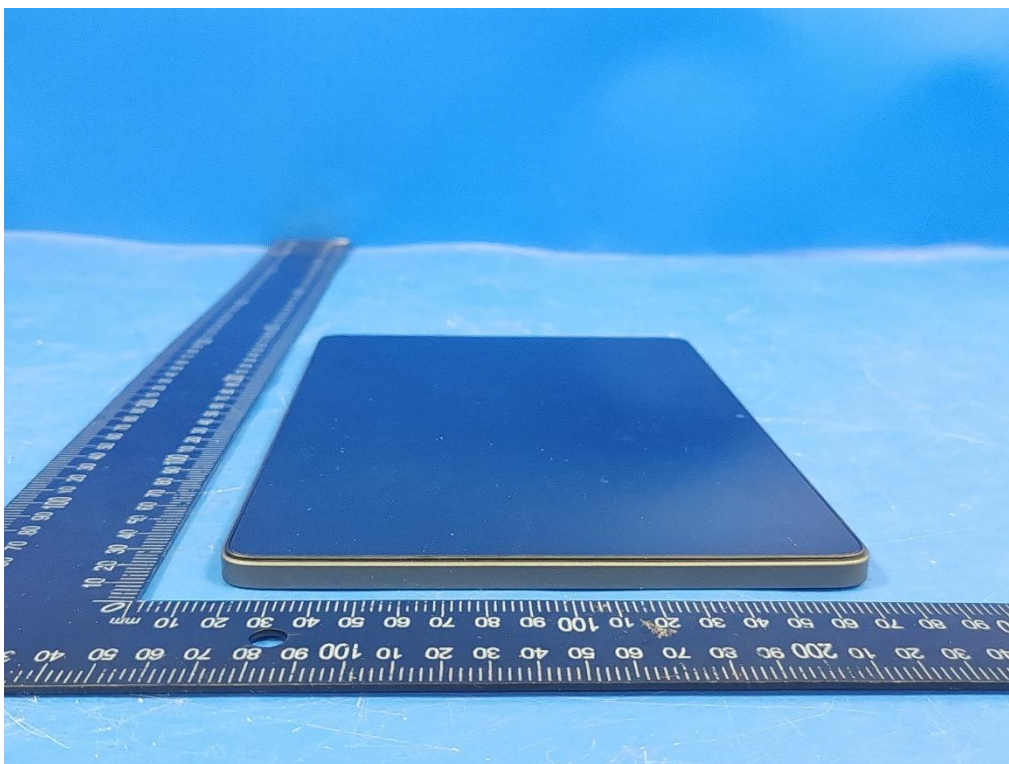


Left Edge

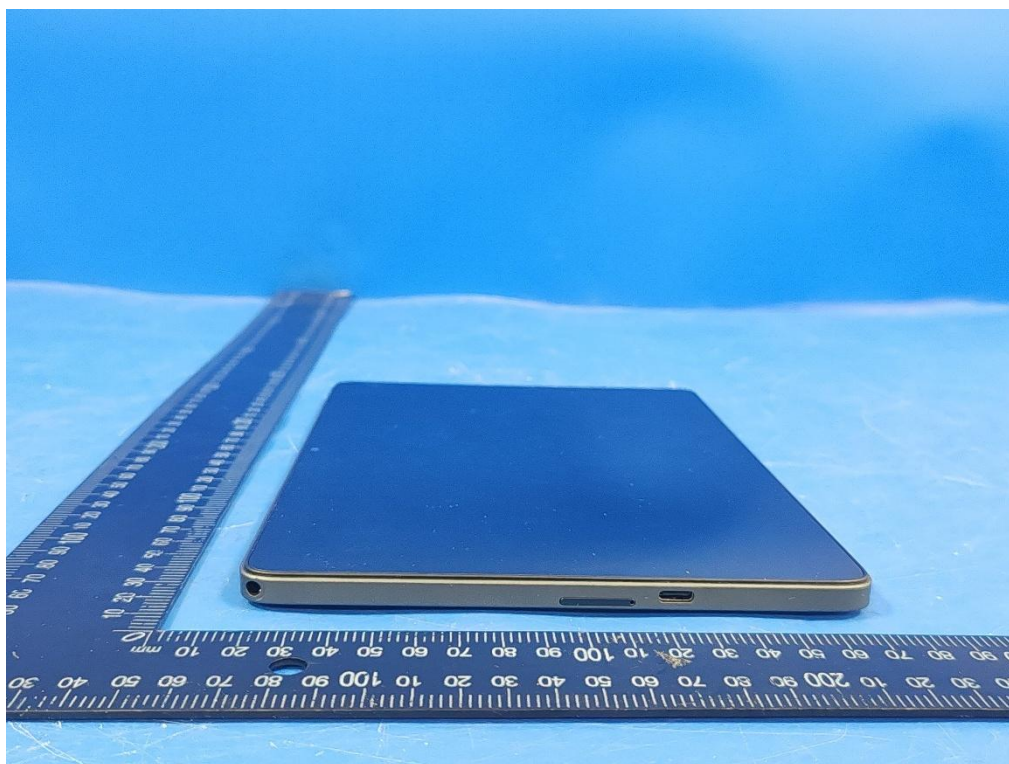




Top Edge

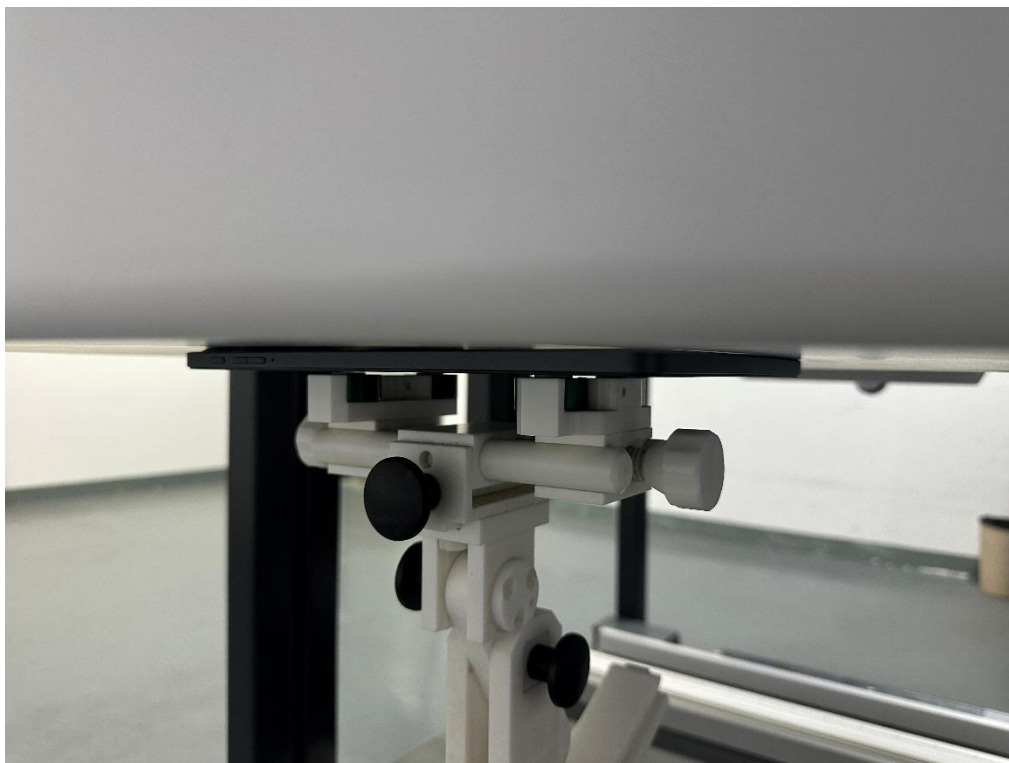


Bottom Edge



11.2 Setup Photos

Body Back side (separation distance 0mm)



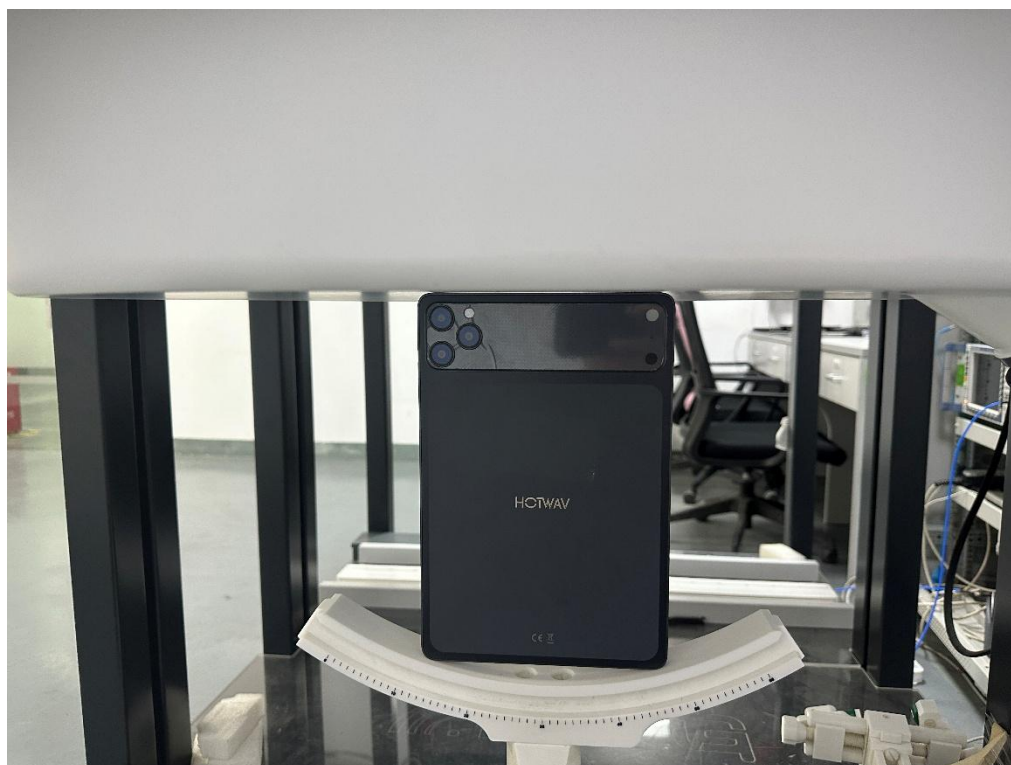
Body Left side (separation distance is 0mm)



Body Right side (separation distance is 0mm)



Body Top side (separation distance is 0mm)



Body Bottom side (separation distance is 0mm)





12. SAR Result Summary

12.1 Body-worn and Hotspot SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn- up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM850	EGPRS (8PSK, 4-Slot)	Back Side	824.2	0.393	0.43	28.00	27.94	1.014	0.398	1
		Right Side	824.2	0.232	-2.03	28.00	27.94	1.014	0.235	/
		Bottom Side	824.2	0.165	-3.73	28.00	27.94	1.014	0.167	/
PCS 1900	GPRS (GMSK, 4-Slot)	Back Side	1880	0.356	0.11	25.80	25.61	1.045	0.372	2
		Right Side	1880	0.211	-2.44	25.80	25.61	1.045	0.220	/
		Bottom Side	1880	0.147	-1.15	25.80	25.61	1.045	0.154	/
WCDMA Band II	RMC	Back Side	1852.4	0.504	2.65	25.50	25.29	1.050	0.529	3
		Right Side	1852.4	0.297	-3.75	25.50	25.29	1.050	0.312	/
		Bottom Side	1852.4	0.208	1.87	25.50	25.29	1.050	0.218	/
WCDMA Band IV	RMC	Back Side	1740	0.482	0.07	25.50	25.21	1.069	0.515	4
		Right Side	1740	0.287	3.45	25.50	25.21	1.069	0.307	/
		Bottom Side	1740	0.202	-1.44	25.50	25.21	1.069	0.216	/
WCDMA Band V	RMC	Back Side	846.6	0.407	-3.83	25.50	25.31	1.045	0.425	5
		Right Side	846.6	0.241	-1.04	25.50	25.31	1.045	0.252	/
		Bottom Side	846.6	0.171	0.35	25.50	25.31	1.045	0.179	/
2.4GHz WLAN	802.11b	Back Side	2437	0.550	3.42	15.50	15.02	1.117	0.614	6
		Right Side	2437	0.226	-0.99	15.50	15.02	1.117	0.252	/
		Top Side	2437	0.327	0.70	15.50	15.02	1.117	0.365	/
5.2GHz WLAN	802.11a	Back Side	5180	0.794	3.61	16.00	15.84	1.038	0.824	7
		Back Side	5200	0.733	-0.80	16.00	15.59	1.099	0.806	/
		Back Side	5240	0.745	-0.11	16.00	15.60	1.096	0.817	/
		Right Side	5180	0.325	-0.70	16.00	15.84	1.038	0.337	/
		Top Side	5180	0.472	-0.25	16.00	15.84	1.038	0.490	/
5.3GHz WLAN	802.11a	Back Side	5260	0.621	-1.01	16.00	15.92	1.019	0.633	8
		Right Side	5260	0.257	-3.50	16.00	15.92	1.019	0.262	/
		Top Side	5260	0.369	3.35	16.00	15.92	1.019	0.376	/
5.6GHz WLAN	802.11a	Back Side	5700	0.303	3.06	15.50	15.08	1.102	0.334	9
		Right Side	5700	0.125	-0.52	15.50	15.08	1.102	0.138	/
		Top Side	5700	0.18	1.24	15.50	15.08	1.102	0.198	/
5.8GHz WLAN	802.11a	Back Side	5785	0.382	1.43	15.50	15.40	1.023	0.391	10
		Right Side	5785	0.161	-0.89	15.50	15.40	1.023	0.165	/
		Top Side	5785	0.226	-3.97	15.50	15.40	1.023	0.231	/



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	0	Back Side	1860	0.753	2.83	24.45	24.41	1.009	0.760	11
			50	0	Back Side	1860	0.644	2.33	23.50	23.27	1.054	0.679	/
			1	0	Right Side	1860	0.59	3.99	24.45	24.41	1.009	0.595	/
			50	0	Right Side	1860	0.527	2.31	23.50	23.27	1.054	0.556	/
			1	0	Bottom Side	1860	0.296	-1.35	24.45	24.41	1.009	0.299	/
			50	0	Bottom Side	1860	0.256	0.60	23.50	23.27	1.054	0.270	/
LTE Band 4	20M	QPSK	1	0	Back Side	1720	0.214	1.31	22.50	22.15	1.084	0.232	12
			50	0	Back Side	1745	0.194	0.16	21.50	21.09	1.099	0.213	/
			1	0	Right Side	1720	0.172	-3.05	22.50	22.15	1.084	0.186	/
			50	0	Right Side	1745	0.163	1.36	21.50	21.09	1.099	0.179	/
			1	0	Bottom Side	1720	0.086	-1.69	22.50	22.15	1.084	0.093	/
			50	0	Bottom Side	1745	0.081	2.64	21.50	21.09	1.099	0.089	/
LTE Band 5	10M	QPSK	1	0	Back Side	844	0.116	1.47	24.80	24.55	1.059	0.123	13
			25	0	Back Side	844	0.117	0.28	23.50	23.46	1.009	0.118	/
			1	0	Right Side	844	0.045	1.95	24.80	24.55	1.059	0.048	/
			25	0	Right Side	844	0.044	-3.54	23.50	23.46	1.009	0.044	/
			1	0	Bottom Side	844	0.061	3.23	24.80	24.55	1.059	0.065	/
			25	0	Bottom Side	844	0.056	3.43	23.50	23.46	1.009	0.057	/
LTE Band 7	20M	QPSK	1	0	Back Side	2510	0.128	-0.57	22.00	21.85	1.035	0.132	14
			50	0	Back Side	2510	0.119	0.22	21.00	20.74	1.062	0.126	/
			1	0	Right Side	2510	0.056	3.79	22.00	21.85	1.035	0.058	/
			50	0	Right Side	2510	0.058	-2.40	21.00	20.74	1.062	0.062	/
			1	0	Bottom Side	2510	0.068	3.42	22.00	21.85	1.035	0.070	/
			50	0	Bottom Side	2510	0.069	-3.76	21.00	20.74	1.062	0.073	/
LTE Band 12	10M	QPSK	1	0	Back Side	707.5	0.139	-1.92	24.50	24.37	1.030	0.143	15
			25	0	Back Side	704	0.131	-2.42	23.50	23.23	1.064	0.139	/
			1	0	Right Side	707.5	0.087	-1.69	24.50	24.37	1.030	0.090	/
			25	0	Right Side	704	0.075	-1.79	23.50	23.23	1.064	0.080	/
			1	0	Bottom Side	707.5	0.067	-1.61	24.50	24.37	1.030	0.069	/
			25	0	Bottom Side	704	0.076	3.05	23.50	23.23	1.064	0.081	/
LTE Band	10M	QPSK	1	0	Back Side	711	0.138	-3.54	24.50	24.31	1.045	0.144	16



17			25	0	Back Side	710	0.128	0.41	23.50	23.22	1.067	0.137	/
			1	0	Right Side	711	0.11	-3.24	24.50	24.31	1.045	0.115	/
			25	0	Right Side	710	0.098	-2.98	23.50	23.22	1.067	0.105	/
			1	0	Bottom Side	711	0.064	-1.16	24.50	24.31	1.045	0.067	/
			25	0	Bottom Side	710	0.058	2.81	23.50	23.22	1.067	0.062	/
LTE Band 38	20M	QPSK	1	0	Back Side	2610	0.130	-1.34	25.00	24.79	1.050	0.136	17
			50	0	Back Side	2610	0.13	0.24	24.50	24.19	1.074	0.140	/
			1	0	Right Side	2610	0.073	0.96	25.00	24.79	1.050	0.077	/
			50	0	Right Side	2610	0.08	-1.35	24.50	24.19	1.074	0.086	/
			1	0	Bottom Side	2610	0.068	3.68	25.00	24.79	1.050	0.071	/
			50	0	Bottom Side	2610	0.07	-3.63	24.50	24.19	1.074	0.075	/
LTE Band 40	10M	QPSK	1	0	Back Side	2310	0.446	0.66	15.30	15.04	1.062	0.474	18
			50	0	Back Side	2310	0.398	-3.74	14.50	14.34	1.038	0.413	/
			1	0	Right Side	2310	0.315	0.44	15.30	15.04	1.062	0.334	/
			50	0	Right Side	2310	0.279	3.99	14.50	14.34	1.038	0.289	/
			1	0	Bottom Side	2310	0.177	-1.02	15.30	15.04	1.062	0.188	/
			50	0	Bottom Side	2310	0.168	0.90	14.50	14.34	1.038	0.174	/
LTE Band 66	20M	QPSK	1	0	Back Side	1770	0.665	-0.74	24.50	24.37	1.030	0.685	19
			50	0	Back Side	1770	0.579	0.45	23.50	23.24	1.062	0.615	/
			1	0	Right Side	1770	0.503	-3.97	24.50	24.37	1.030	0.518	/
			50	0	Right Side	1770	0.451	2.36	23.50	23.24	1.062	0.479	/
			1	0	Bottom Side	1770	0.259	2.86	24.50	24.37	1.030	0.267	/
			50	0	Bottom Side	1770	0.243	-3.60	23.50	23.24	1.062	0.258	/

Note:

1. The test separation of all above table is 0mm.
2. Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor
3. When the user enables the personal Wireless router functions for the handsets, actual operations include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The "Portable Hotspot" feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.
4. Per KDB 941225 D01vo3r01, for SAR test reduction for GSM/ GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.



12.3 Repeated SAR

Band	Mode	Test Position	Ch.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR(W/Kg)
5.2GHz WLAN	802.11a	Back Side	5180	0.794	2.04	16.00	15.84	1.038	0.824
		Back Side	5200	0.733	-1.25	16.00	15.59	1.099	0.806
		Back Side	5240	0.745	-2.21	16.00	15.60	1.096	0.817

12.4 Repeated SAR measurement

Band	Mode	Test Position	Ch.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
5.2GHz WLAN	802.11a	Back Side	5180	0.794	0.767	1.035
		Back Side	5200	0.733	0.720	1.018
		Back Side	5240	0.745	0.722	1.032

Note:

1. Per KDB 865664 D01,for each frequency band ,repeated SAR measurement is required only when the measured SAR is $\geq 0.8\text{W/Kg}$.
2. Per KDB 865664 D01,if the ratio of largest to smallest SAR for the original and first repeated measurement is ≤ 1.2 and the measured SAR $< 1.45\text{W/Kg}$, only one repeated measurement is required.
3. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is $\geq 1.45\text{W/Kg}$.
4. The ratio is the difference in percentage between original and repeated measured SAR.



12.5 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Body	1. GSM + 2.4GHz WLAN/5G WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN/5G WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN/5G WLAN
	6. LTE + Bluetooth

NOTE:

1. Bluetooth and 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. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:
 - a) $(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f} \text{ (GHz)} / x] \text{ W/kg}$ for test separation distances $\leq 50 \text{ mm}$;
Where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.
 - b) 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is $>50\text{mm}$.

Estimated SAR		Maximum Turn-up Power		Antenna to user(mm)	Frequency (GHz)	Stand Alone SAR(1g) [W/kg]
		dBm	mW			
BT	Body	9	7.943	5	2.48	0.334



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Body	GSM	0.389	1.003
		2.4G WLAN	0.614	
GSM + Bluetooth	Body	GSM	0.389	0.723
		BT	0.334	
GSM + 5G WLAN	Body	GSM	0.389	1.213
		5G WLAN	0.824	
WCDMA + 2.4G WLAN	Body	WCDMA	0.529	1.143
		2.4G WLAN	0.614	
WCDMA + Bluetooth	Body	WCDMA	0.529	0.863
		BT	0.334	
WCDMA + 5G WLAN	Body	WCDMA	0.529	1.353
		5G WLAN	0.824	
LTE + 2.4G WLAN	Body	LTE	0.760	1.374
		2.4G WLAN	0.614	
LTE + Bluetooth	Body	LTE	0.760	1.094
		BT	0.334	
LTE + 5G WLAN	Body	LTE	0.760	1.583
		5G WLAN	0.823	

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.

When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR-1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR-1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.



13. 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
2300MHz Dipole	MVG	DIP2G300	SN 06/22 DIP2G300-644	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
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	2026.05.28	2027.05.27
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 Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

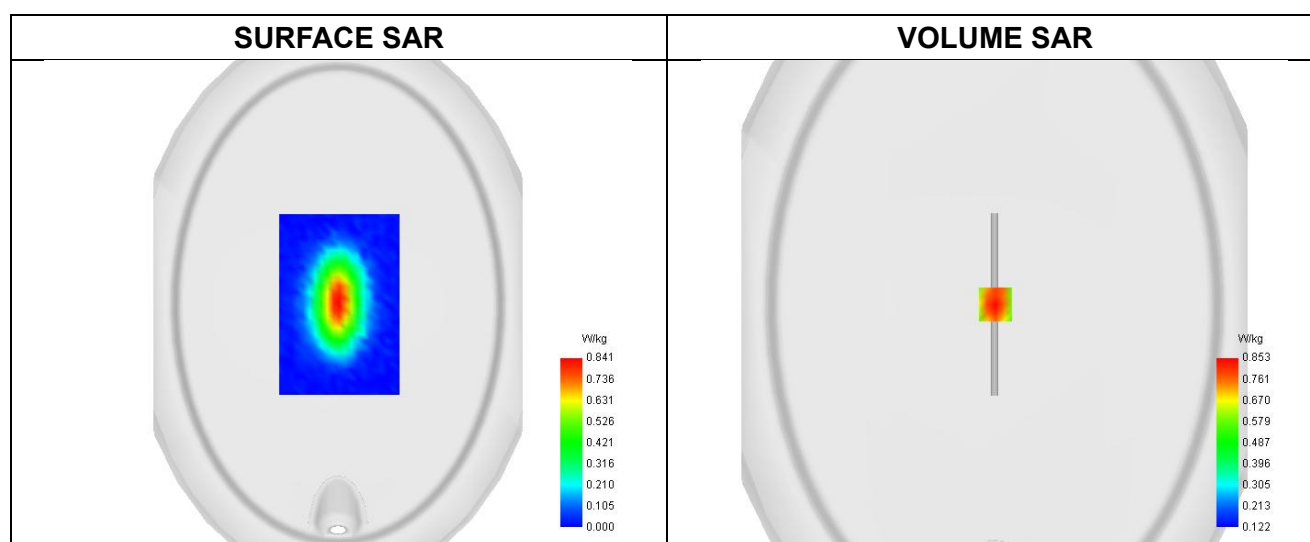
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-07-23

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.68
Conductivity (S/m)	0.93
Probe	0326-EPGO-431
ConvF	0.71
Crest factor:	1:1

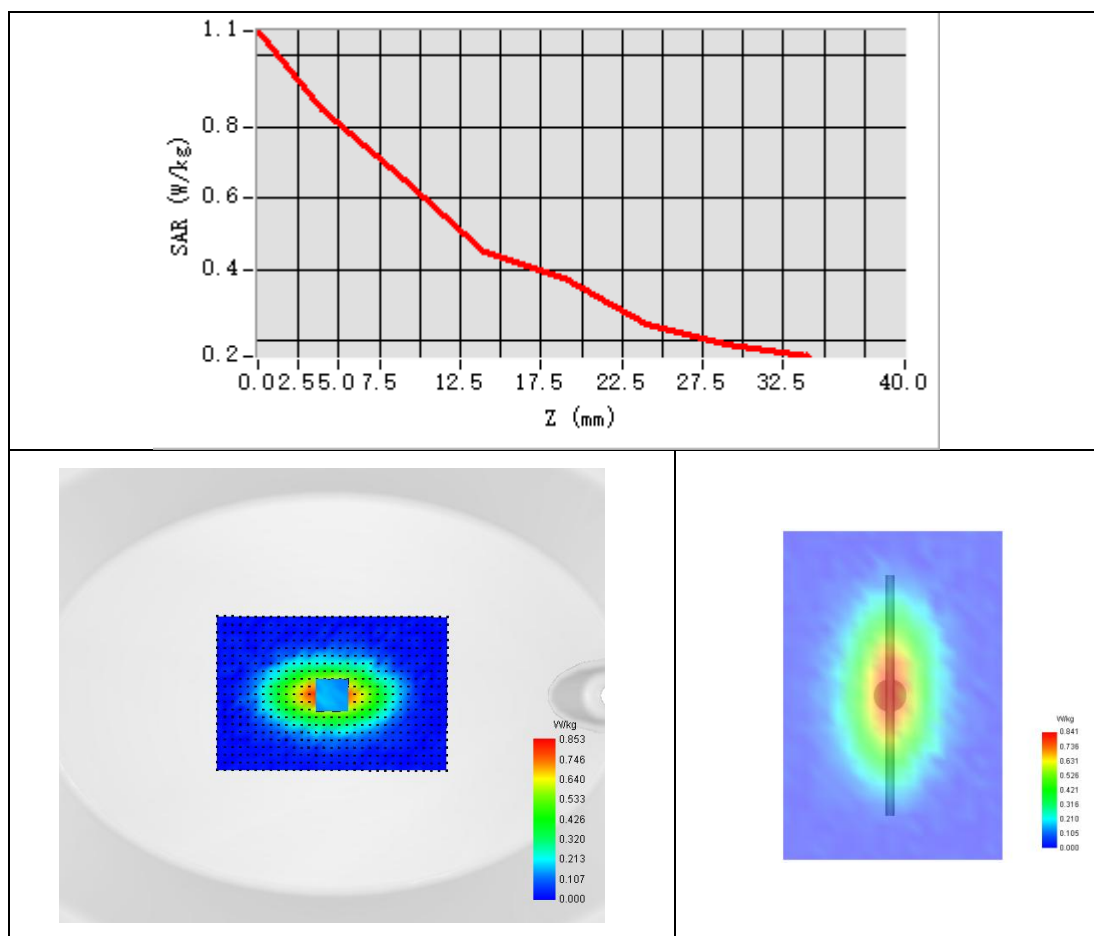


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 1.07 W/kg

SAR 10g (W/Kg)	0.580
SAR 1g (W/Kg)	0.844



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

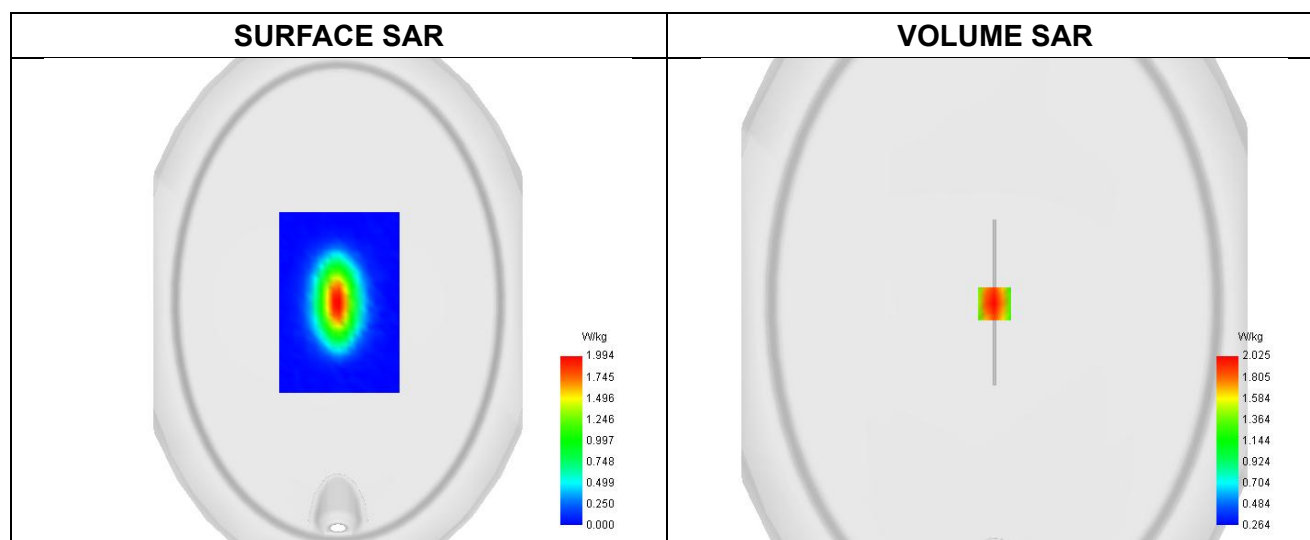
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-07-23

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	42.39
Conductivity (S/m)	0.94
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

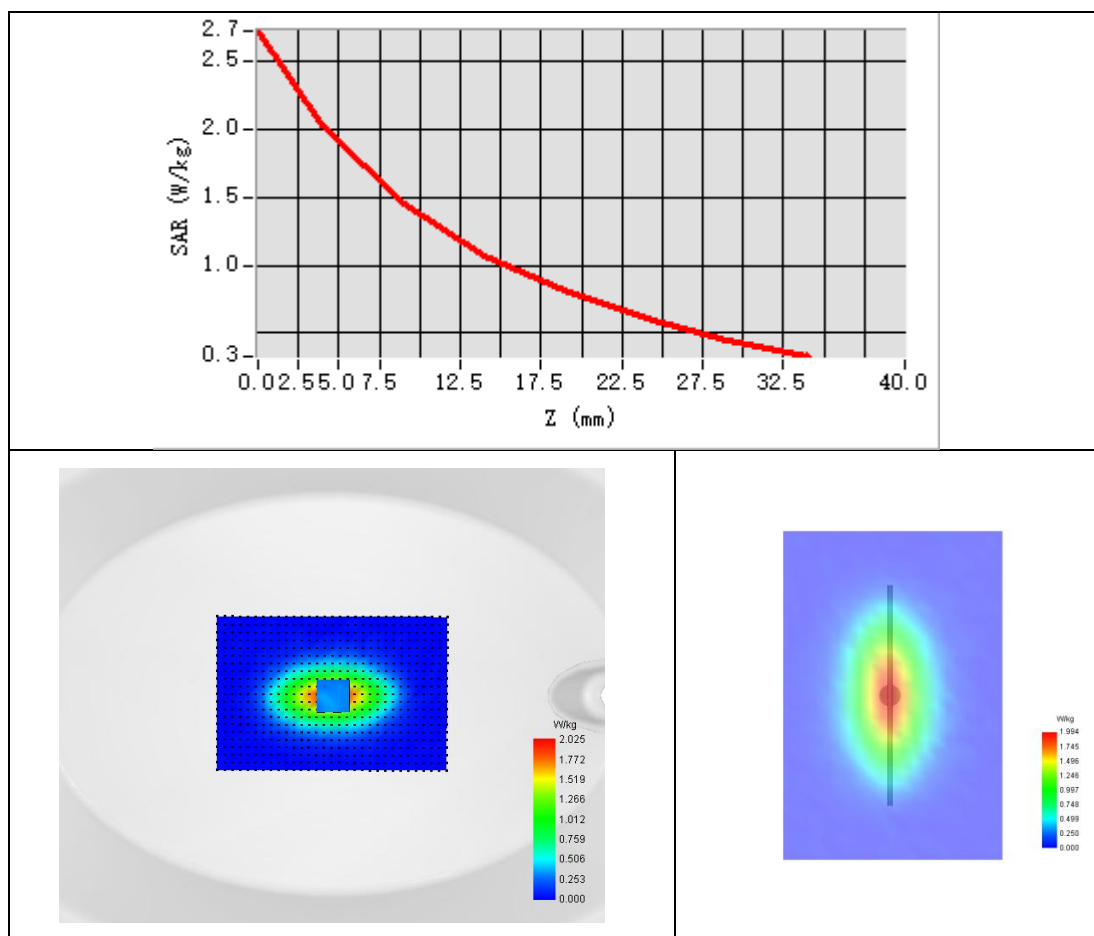


Maximum location: X=0.00, Y=-1.00 ; SAR Peak: 2.73 W/kg

SAR 10g (W/Kg)	0.597
SAR 1g (W/Kg)	0.971



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

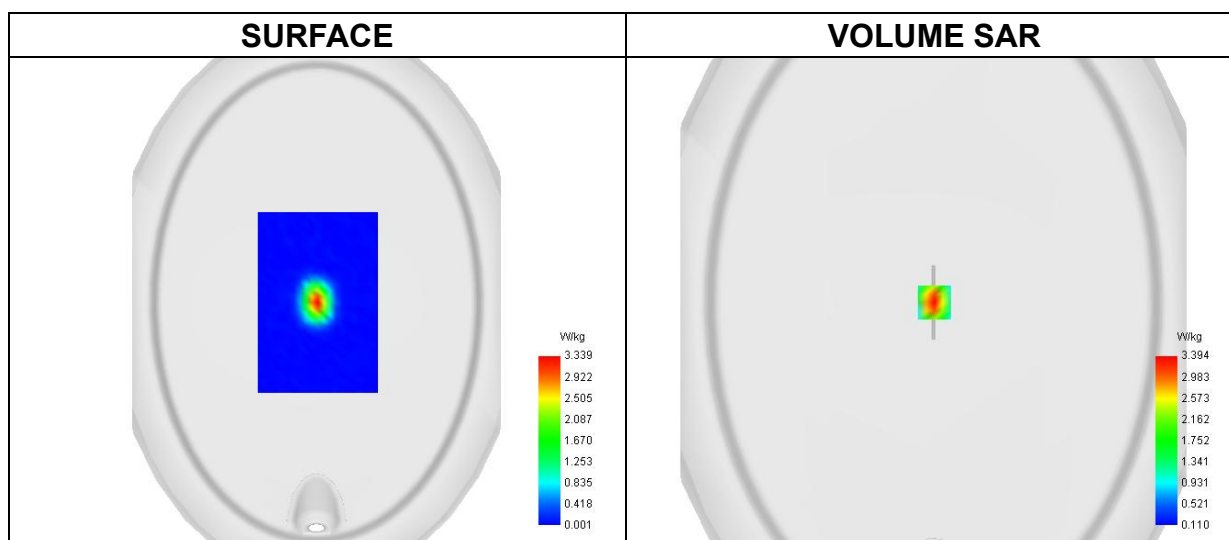
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-21

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.52
Conductivity (S/m)	1.42
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

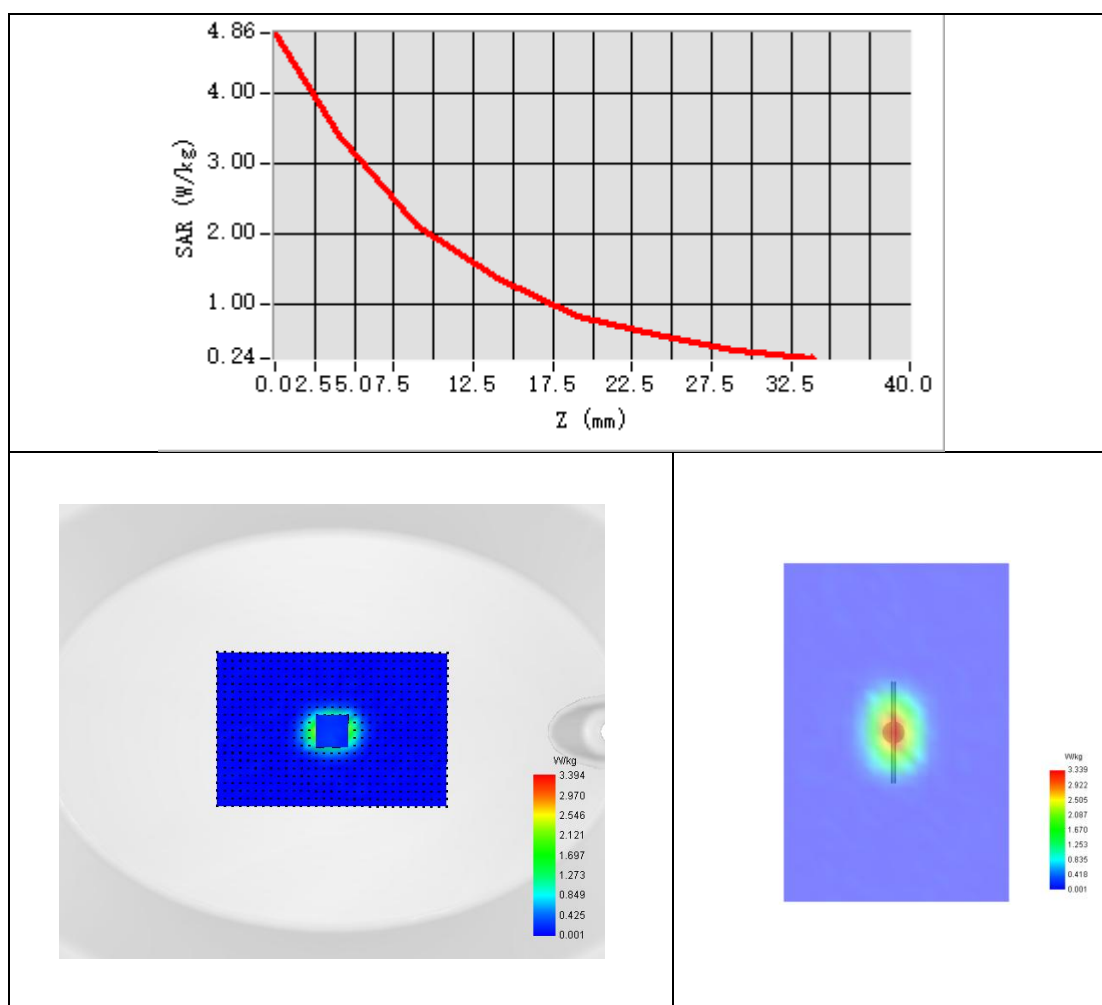


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 4.94 W/kg

SAR 10g (W/Kg)	1.948
SAR 1g (W/Kg)	3.678



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

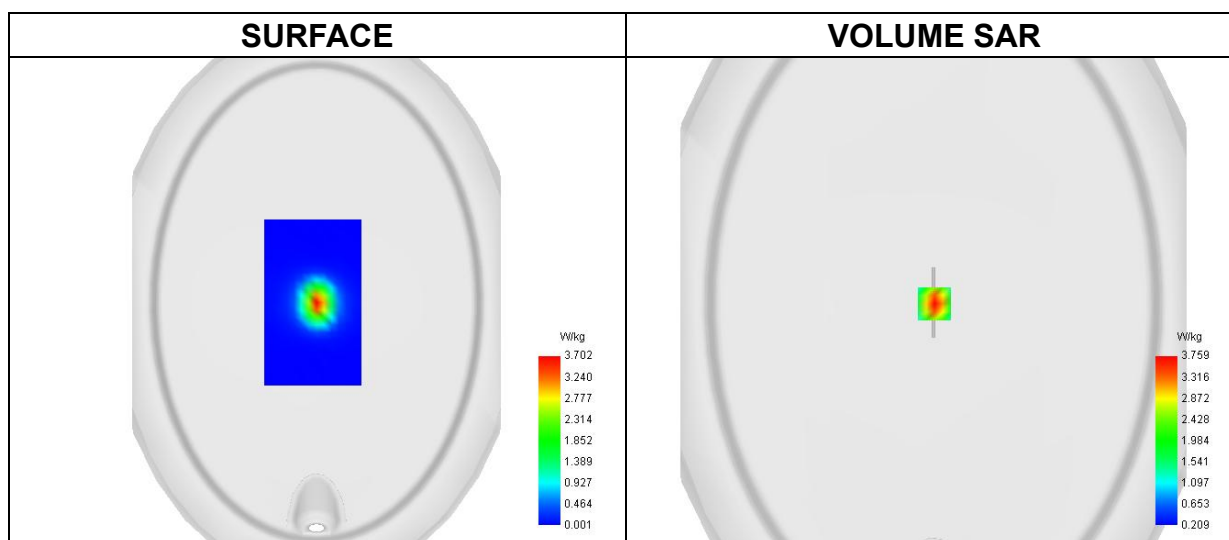
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-21

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.09
Conductivity (S/m)	1.39
Probe	0326-EPGO-431
ConvF	0.90
Crest factor:	1:1

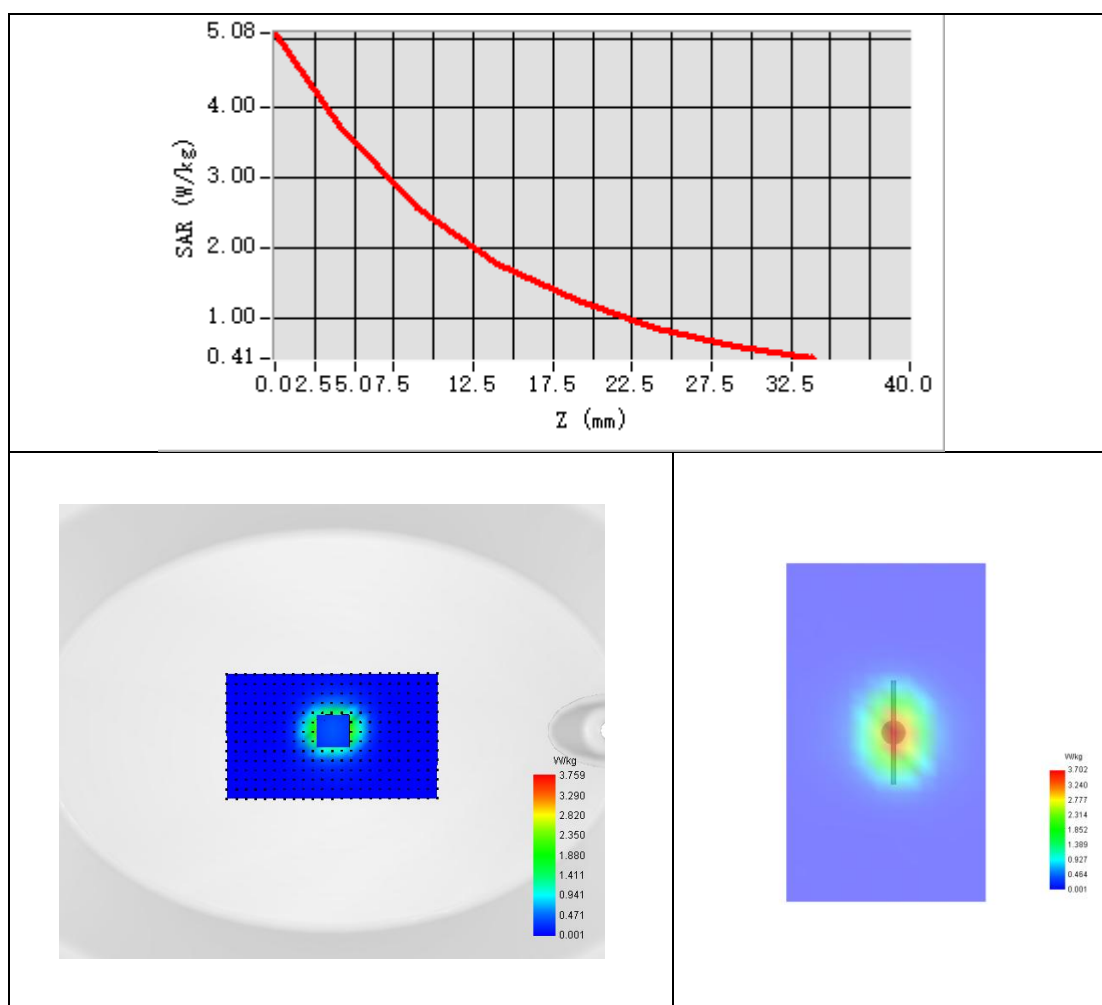


Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 5.08 W/kg

SAR 10g (W/Kg)	2.055
SAR 1g (W/Kg)	4.042



Z Axis Scan





System Performance Check Data (2300MHz)

Type: Phone measurement (Complete)

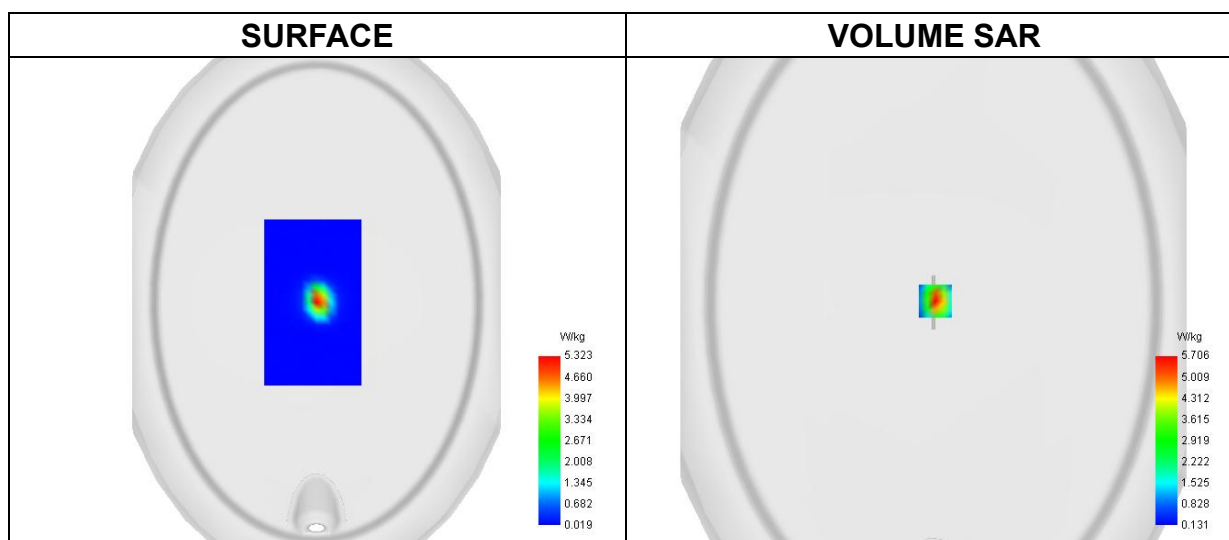
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-24

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2300
Channels	Middle
Signal	CW
Frequency (MHz)	2300.000
Relative permittivity	39.57
Conductivity (S/m)	1.68
Probe	0326-EPGO-431
ConvF	0.97
Crest factor:	1:1

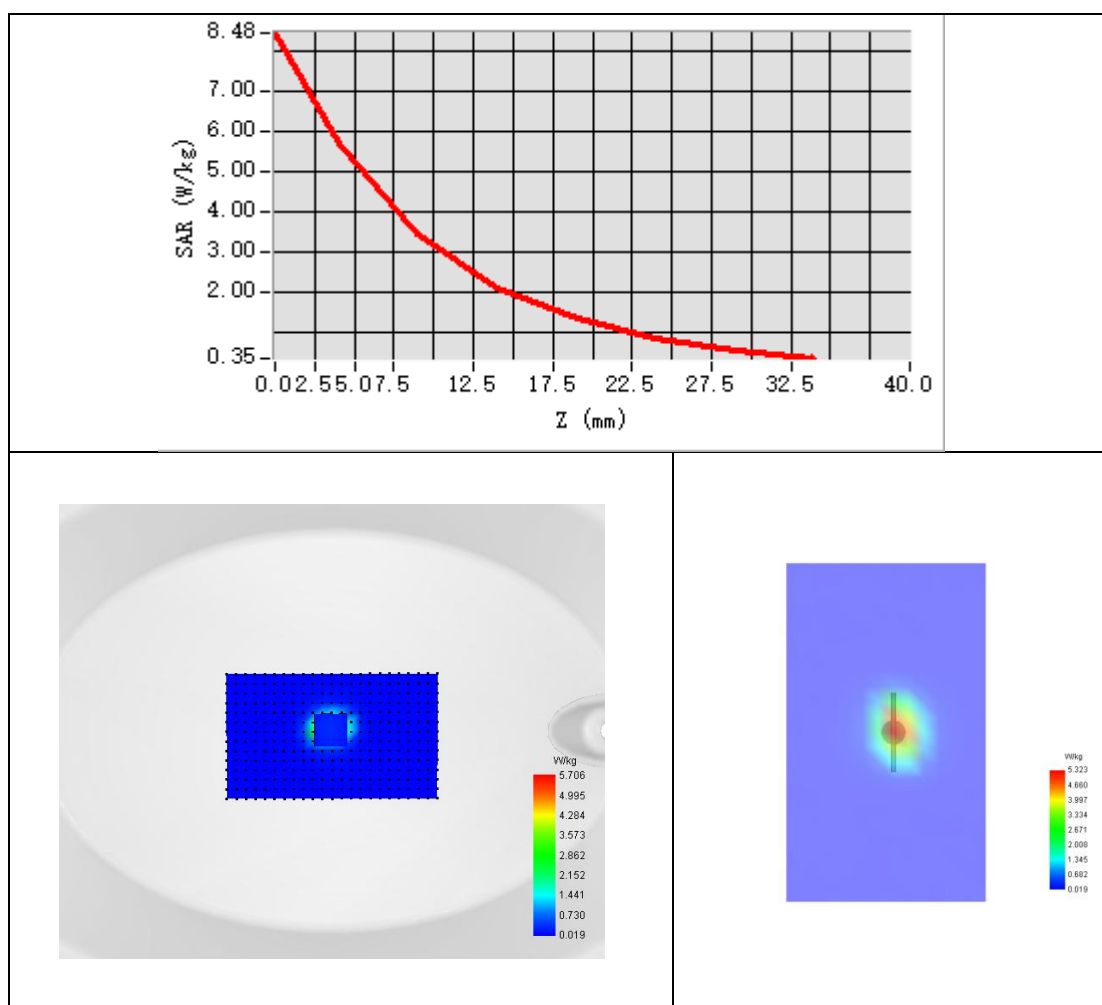


Maximum location: X=2.00, Y=1.00 ; SAR Peak: 8.63 W/kg

SAR 10g (W/Kg)	2.371
SAR 1g (W/Kg)	4.924



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

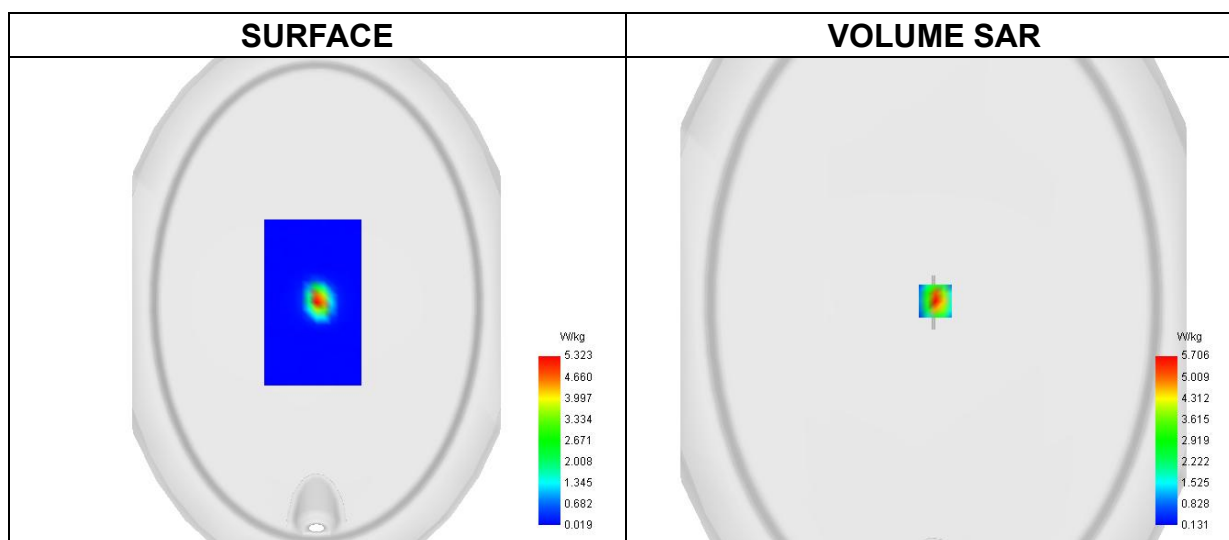
Area scan resolution: dx=8mm, dy=8mm

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

B Date of measurement:2026-07-24

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)	1.83
Probe	0326-EPGO-431
ConvF	1.03
Crest factor:	1:1

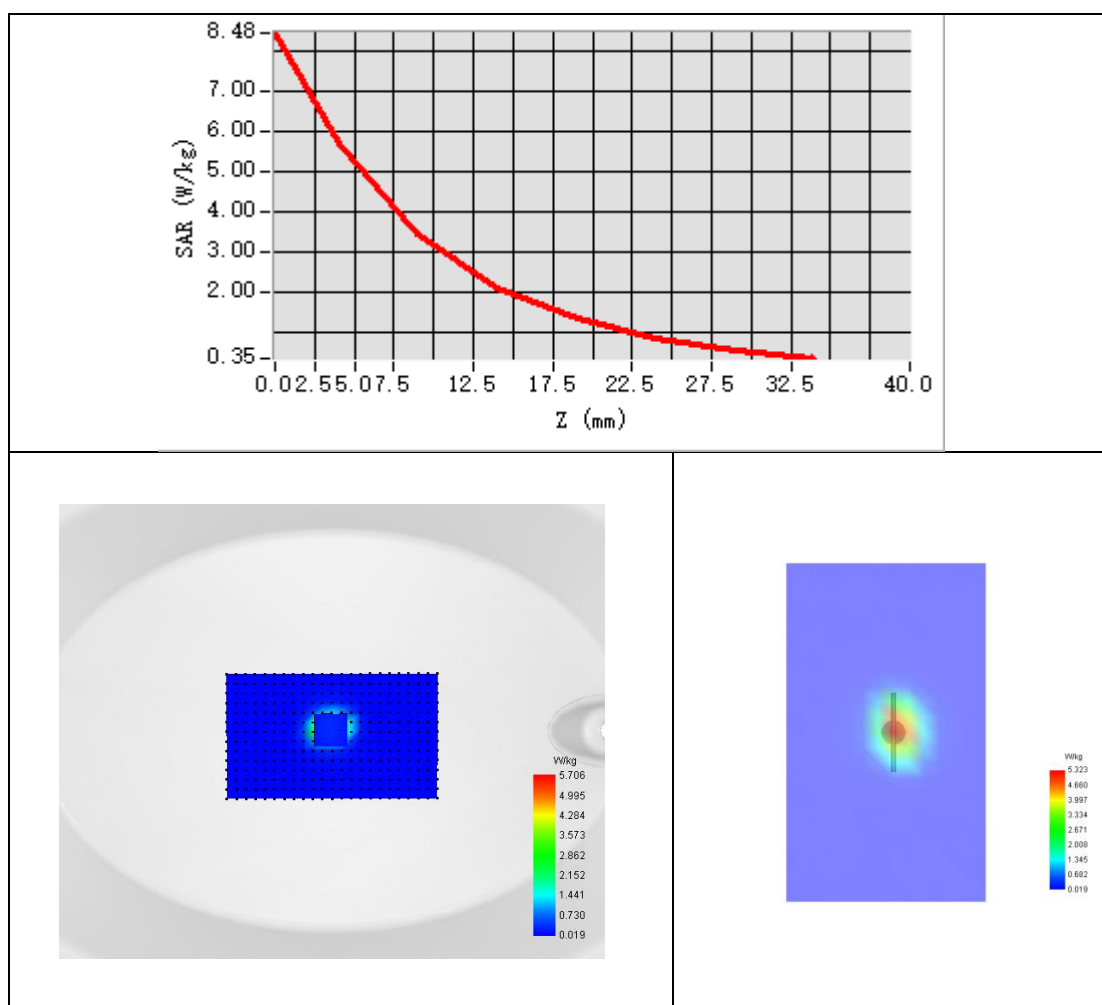


Maximum location: X=2.00, Y=1.00 ; SAR Peak: 8.63 W/kg

SAR 10g (W/Kg)	2.495
SAR 1g (W/Kg)	5.299



Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

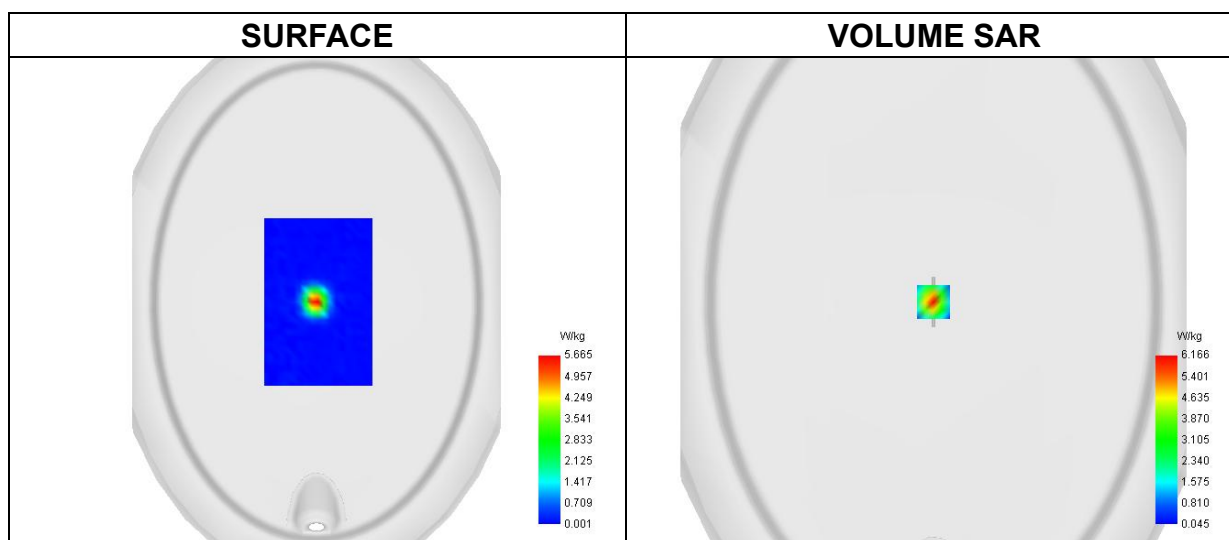
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-24

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.21
Conductivity (S/m)	1.97
Probe	0326-EPGO-431
ConvF	0.98
Crest factor:	1:1

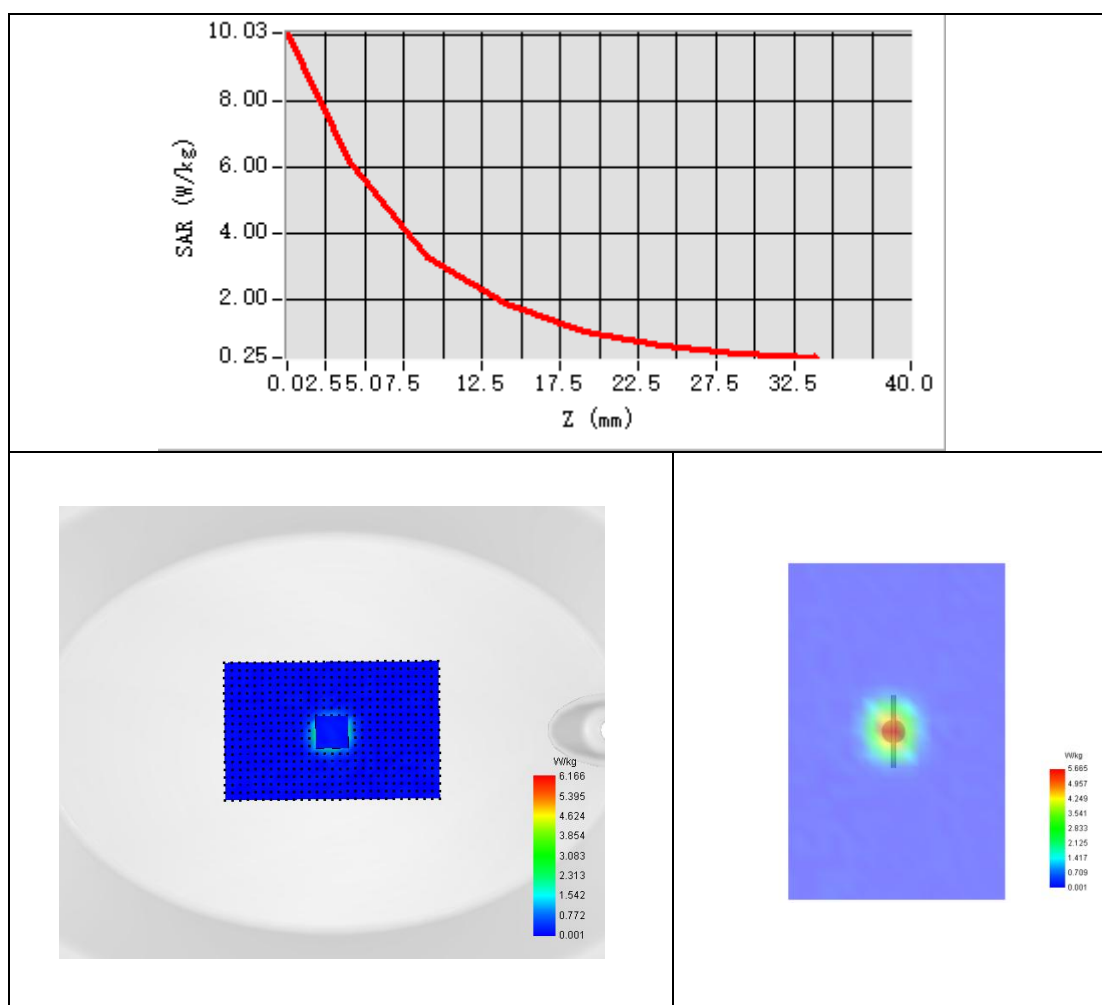


Maximum location: X=3.00, Y=3.00 ; SAR Peak: 9.58 W/kg

SAR 10g (W/Kg)	2.506
SAR 1g (W/Kg)	5.611



Z Axis Scan





System Performance Check Data (5200MHz)

Type: Phone measurement (Complete)

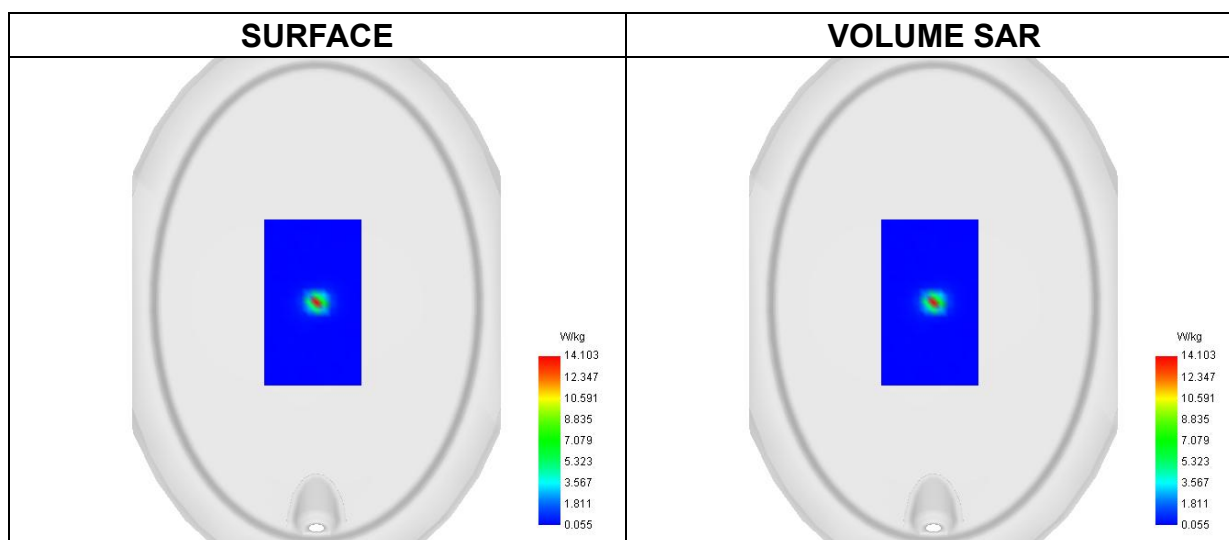
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-28

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Channels	Middle
Signal	CW
Frequency (MHz)	5200.000
Relative permittivity	37.09
Conductivity (S/m)	4.64
Probe	0326-EPGO-431
ConvF	1.08
Crest factor:	1:1

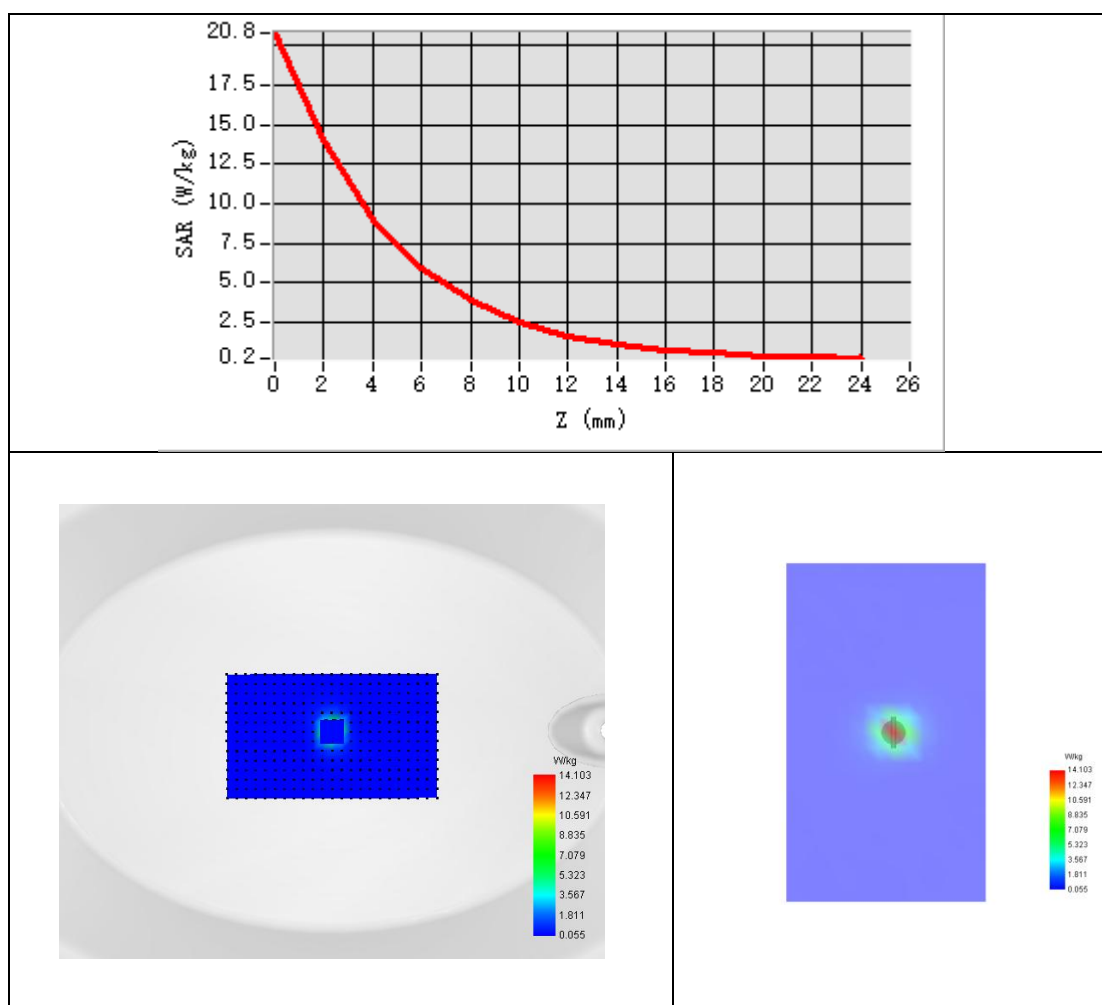


Maximum location: X=0.00, Y=0.00 ; SAR Peak: 21.56 W/kg

SAR 10g (W/Kg)	2.301
SAR 1g (W/Kg)	7.812



Z Axis Scan





System Performance Check Data (5400MHz)

Type: Phone measurement (Complete)

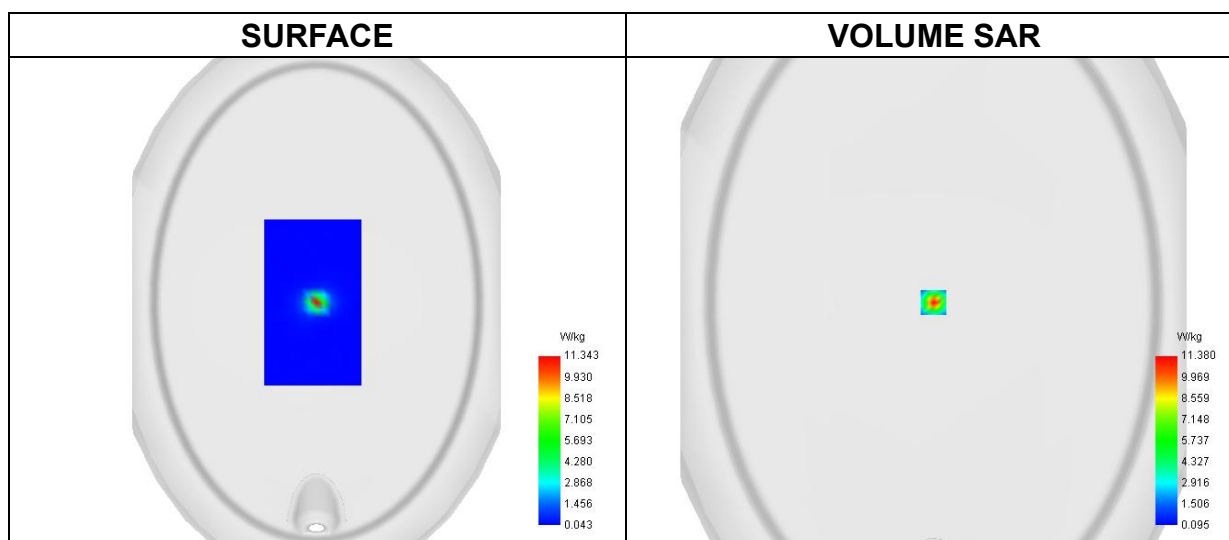
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-28

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5400
Channels	Middle
Signal	CW
Frequency (MHz)	5400.000
Relative permittivity	36.52
Conductivity (S/m)	4.84
Probe	0326-EPGO-431
ConvF	1.16
Crest factor:	1:1

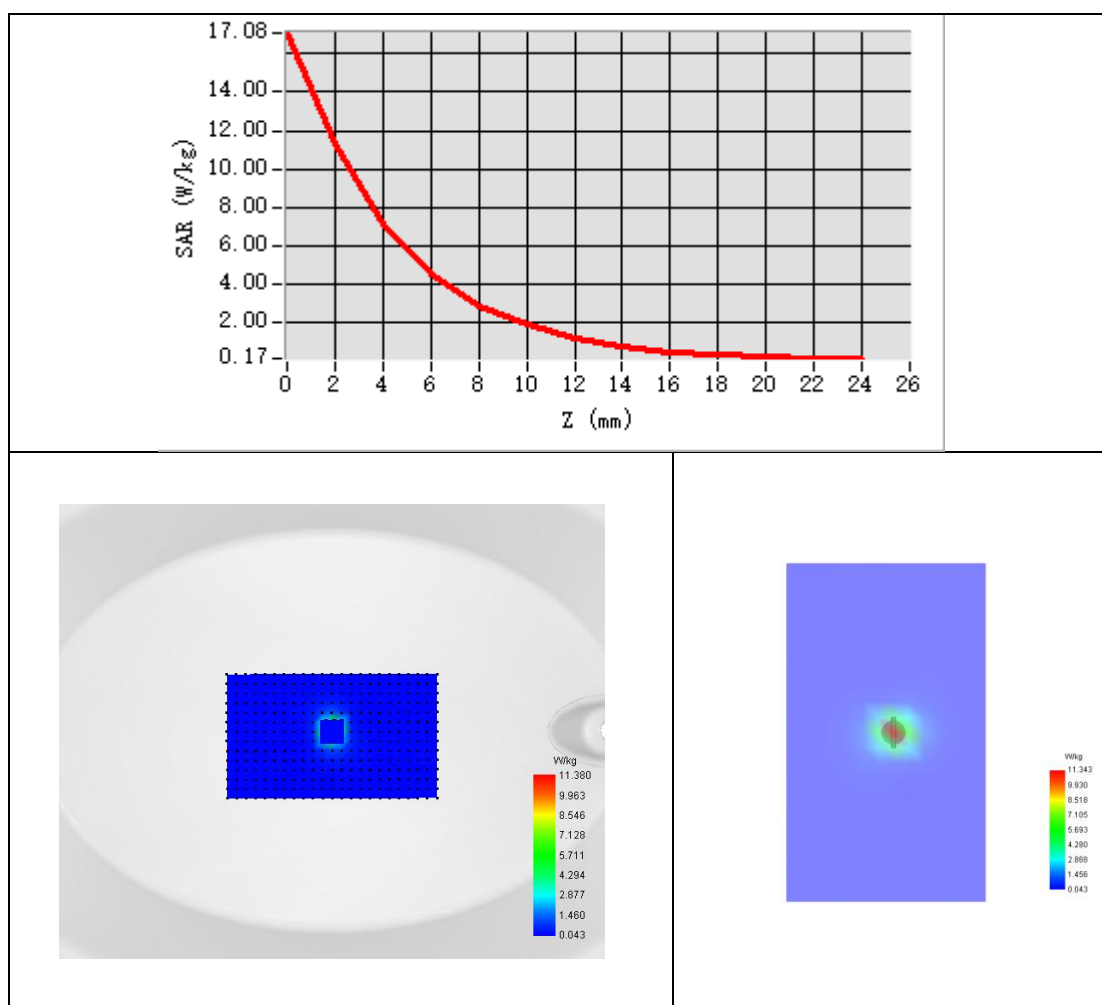


Maximum location: X=0.00, Y=0.00 ; SAR Peak: 17.36 W/kg

SAR 10g (W/Kg)	2.224
SAR 1g (W/Kg)	7.676



Z Axis Scan





System Performance Check Data (5600MHz)

Type: Phone measurement (Complete)

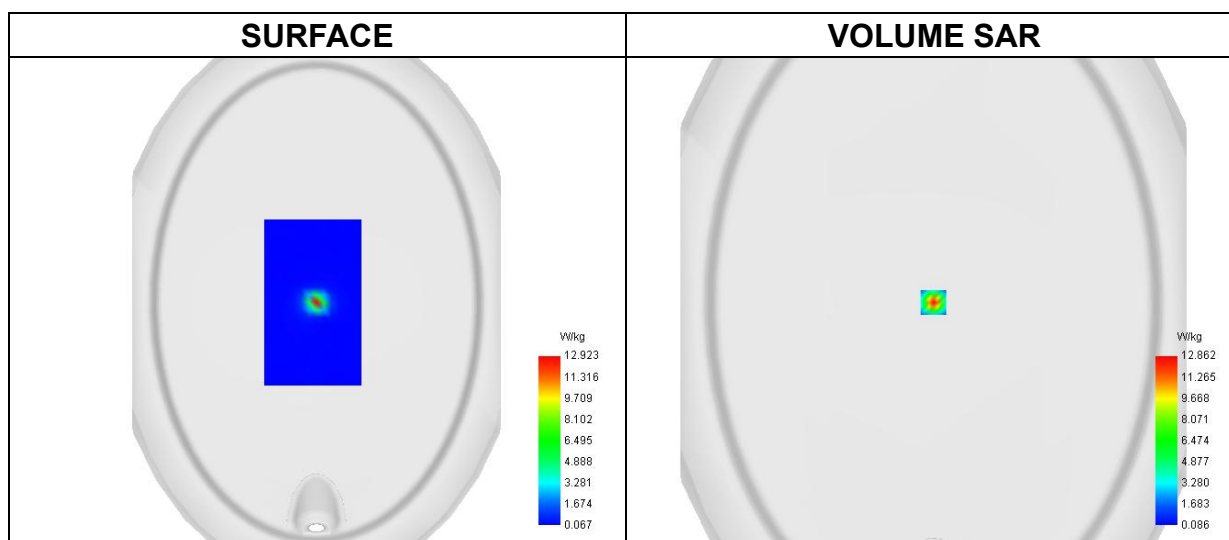
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-22

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Channels	Middle
Signal	CW
Frequency (MHz)	5600.000
Relative permittivity	36.32
Conductivity (S/m)	5.04
Probe	0326-EPGO-431
ConvF	1.07
Crest factor:	1:1

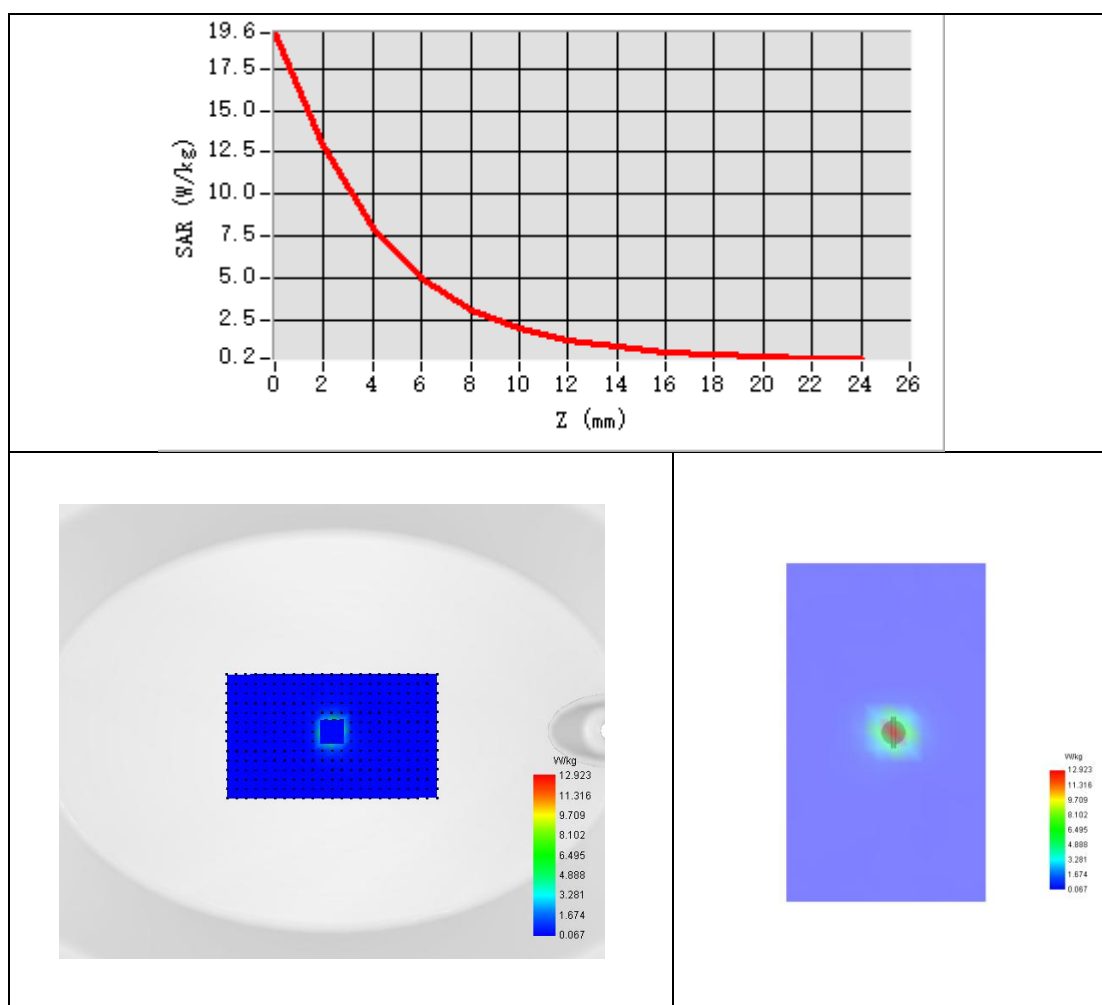


Maximum location: X=0.00, Y=0.00 ; SAR Peak: 19.54 W/kg

SAR 10g (W/Kg)	2.365
SAR 1g (W/Kg)	8.250



Z Axis Scan





System Performance Check Data (5800MHz)

Type: Phone measurement (Complete)

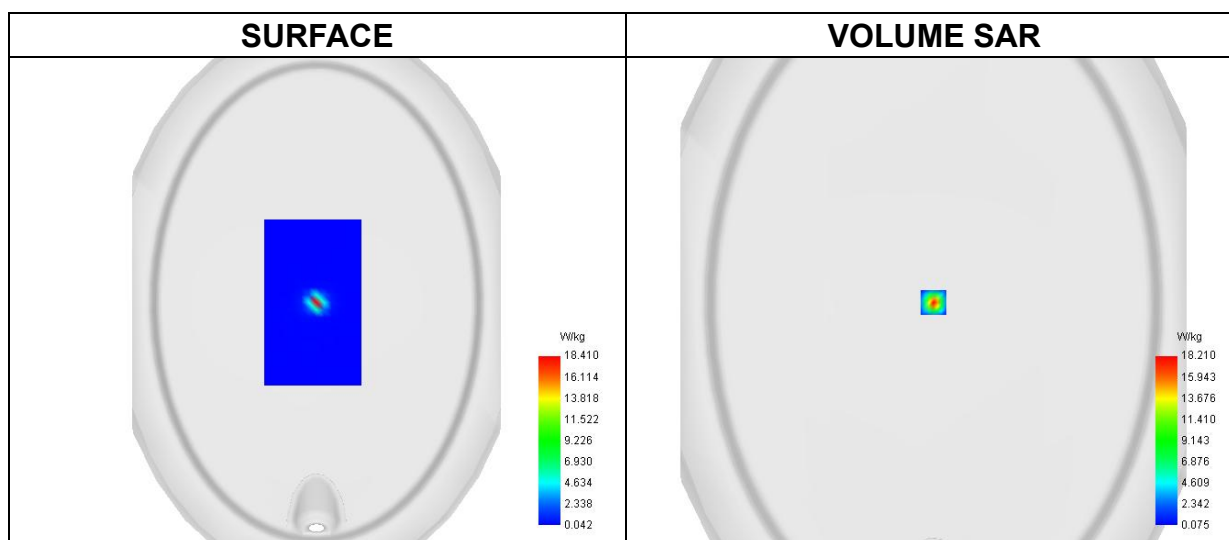
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-07-22

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Channels	Middle
Signal	CW
Frequency (MHz)	5800.000
Relative permittivity	36.26
Conductivity (S/m)	5.22
Probe	0326-EPGO-431
ConvF	1.19
Crest factor:	1:1

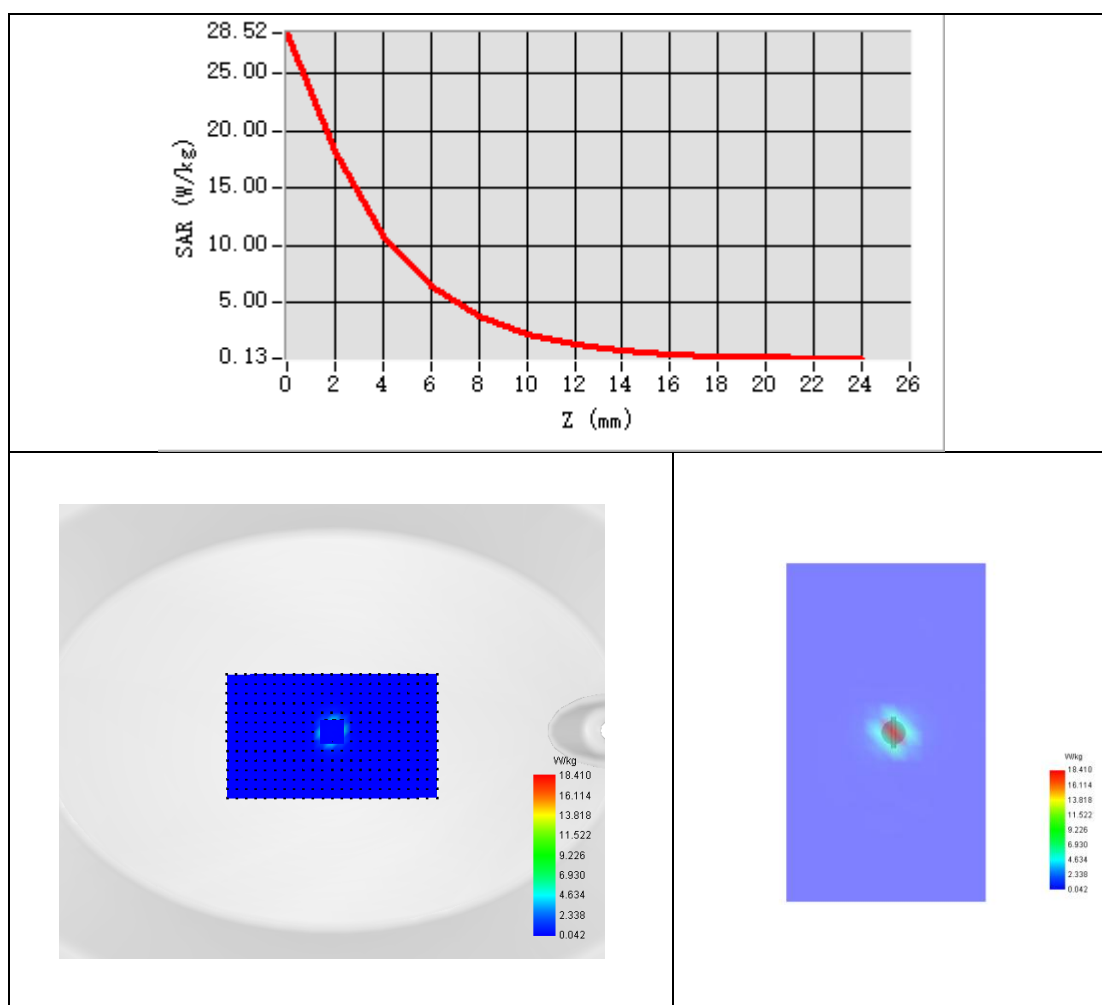


Maximum location: X=0.00, Y=0.00 ; SAR Peak: 29.05 W/kg

SAR 10g (W/Kg)	2.382
SAR 1g (W/Kg)	8.047



Z Axis Scan



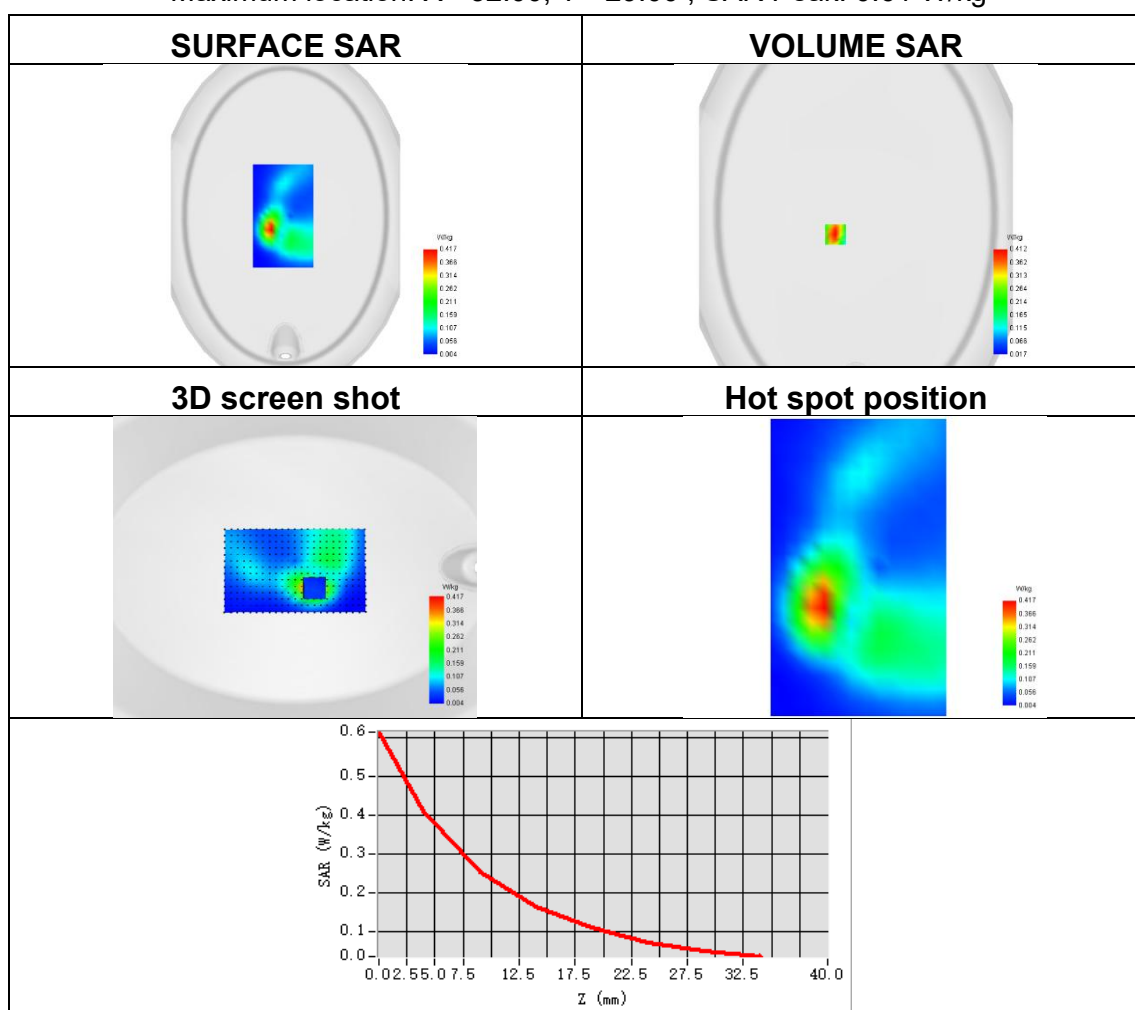


Appendix B. SAR Test Plots

Plot 1:

Test Date	2026-07-23
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS850
Signal	TDMA (GPRS)
Frequency	824.2
SAR 10g (W/Kg)	0.234
SAR 1g (W/Kg)	0.393
ConvF	1.72
Relative permittivity	42.39
Conductivity (S/m)	0.94

Maximum location: X=-32.00, Y=-29.00 ; SAR Peak: 0.61 W/kg

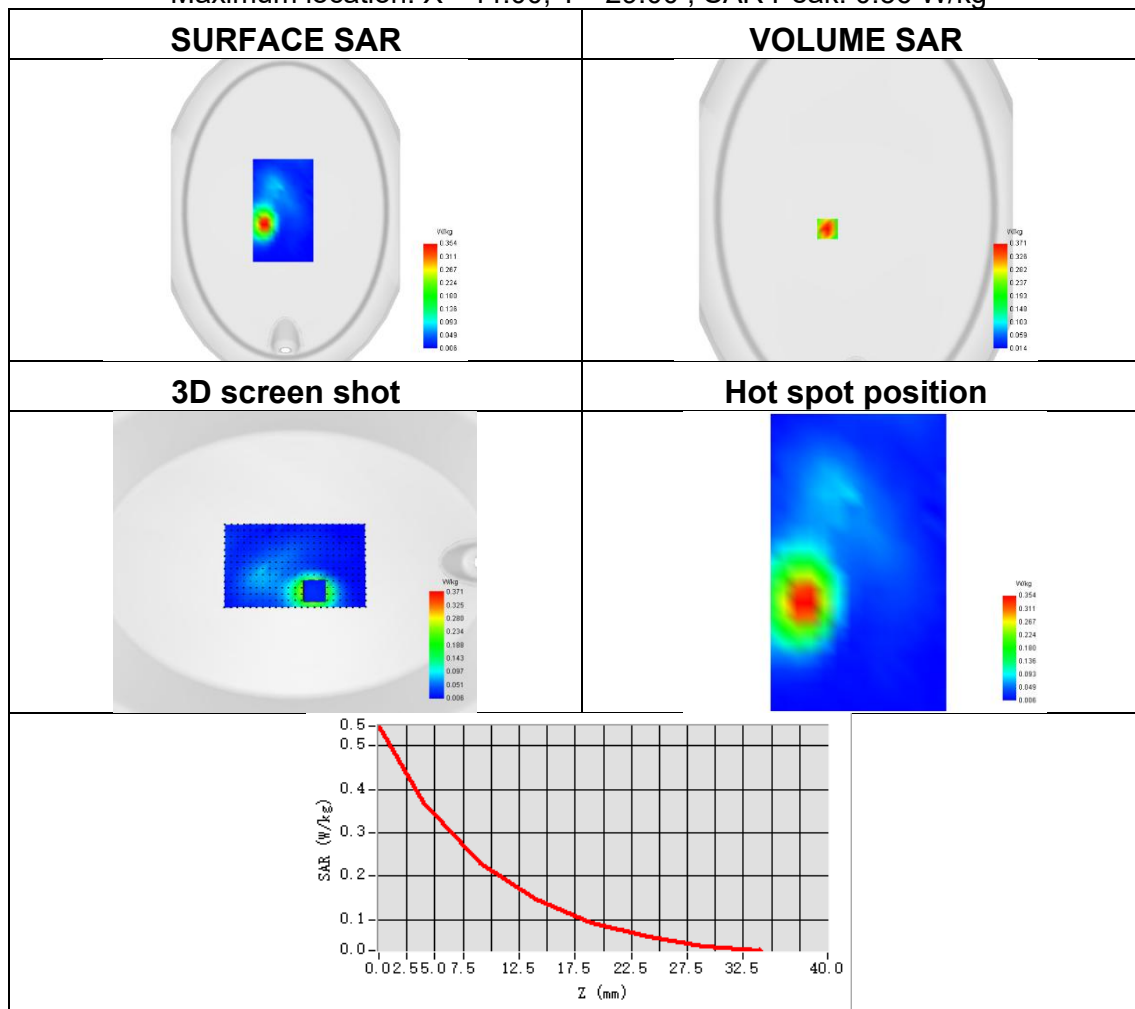




Plot 2:

Test Date	2026-07-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS1900
Signal	TDMA (GPRS)
Frequency	1880
SAR 10g (W/Kg)	0.209
SAR 1g (W/Kg)	0.356
ConvF	2.25
Relative permittivity	40.09
Conductivity (S/m)	1.39

Maximum location: X=-44.00, Y=-29.00 ; SAR Peak: 0.56 W/kg

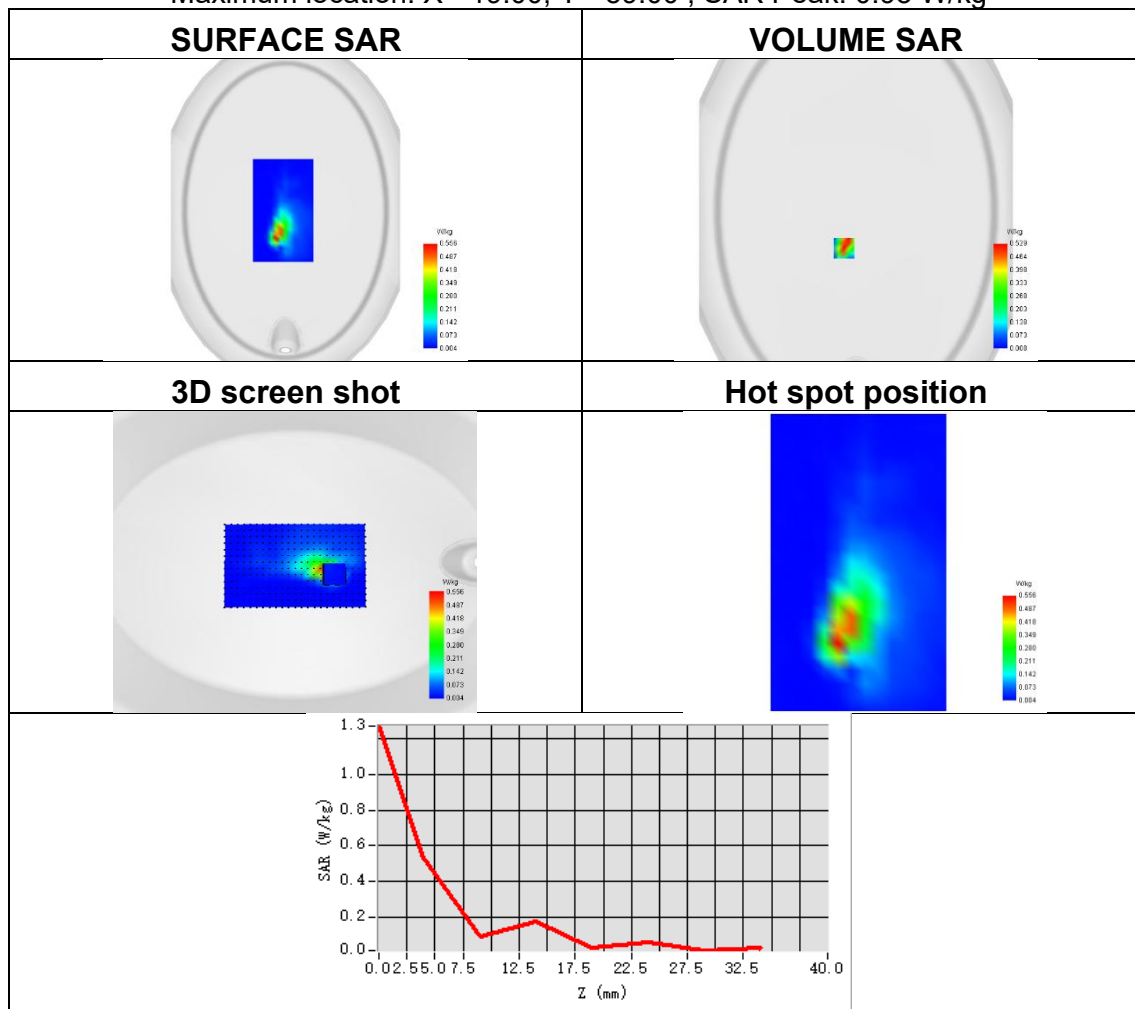




Plot 3:

Test Date	2026-07-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Band 2 (1900)
Signal	HSDPA
Frequency	1852.4
SAR 10g (W/Kg)	0.212
SAR 1g (W/Kg)	0.504
ConvF	2.25
Relative permittivity	40.09
Conductivity (S/m)	1.39

Maximum location: X=-19.00, Y=-59.00 ; SAR Peak: 0.93 W/kg

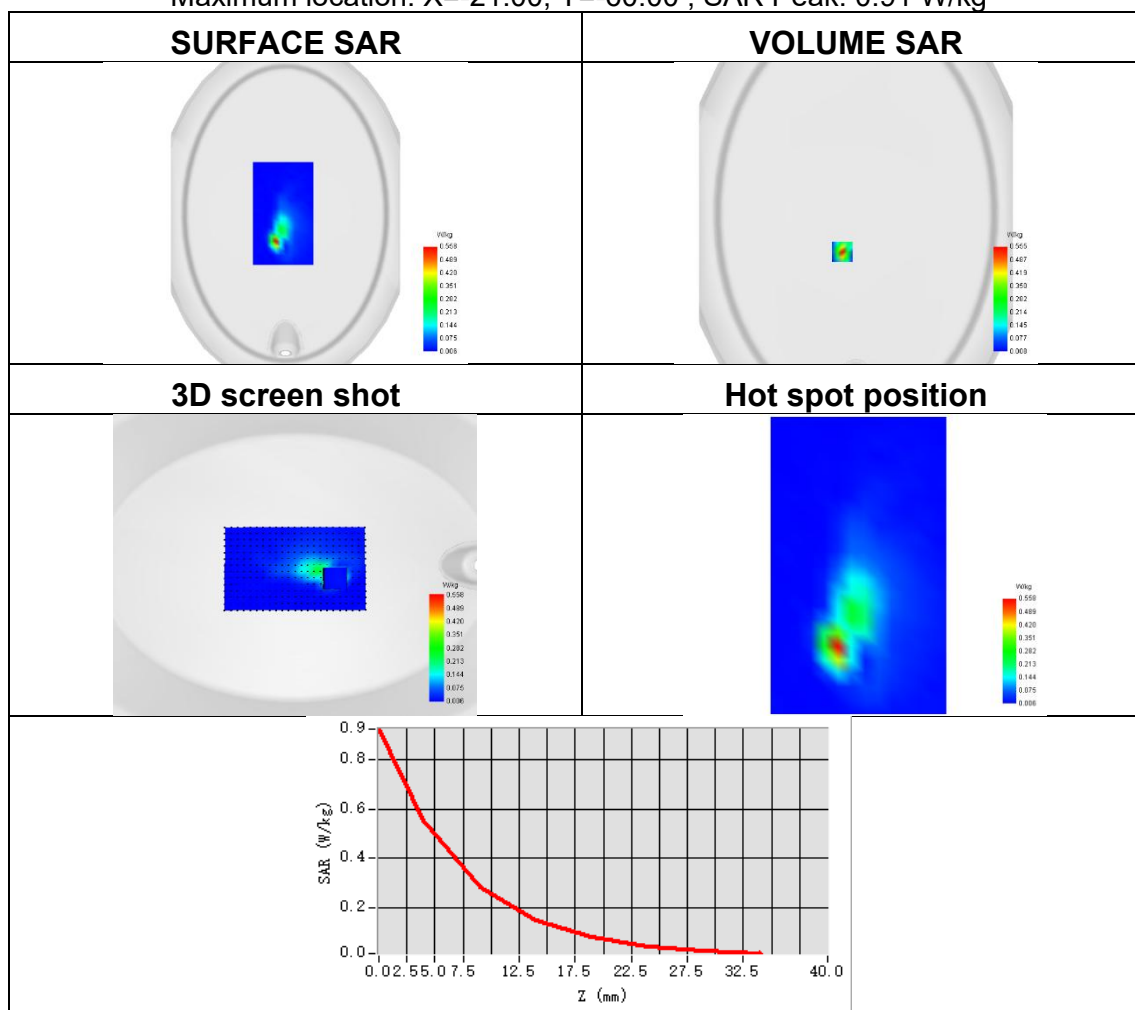




Plot 4:

Test Date	2026-07-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Band 4 (1700)
Signal	HSDPA
Frequency	1740
SAR 10g (W/Kg)	0.207
SAR 1g (W/Kg)	0.482
ConvF	1.95
Relative permittivity	40.52
Conductivity (S/m)	1.42

Maximum location: X=-21.00, Y=-60.00 ; SAR Peak: 0.91 W/kg

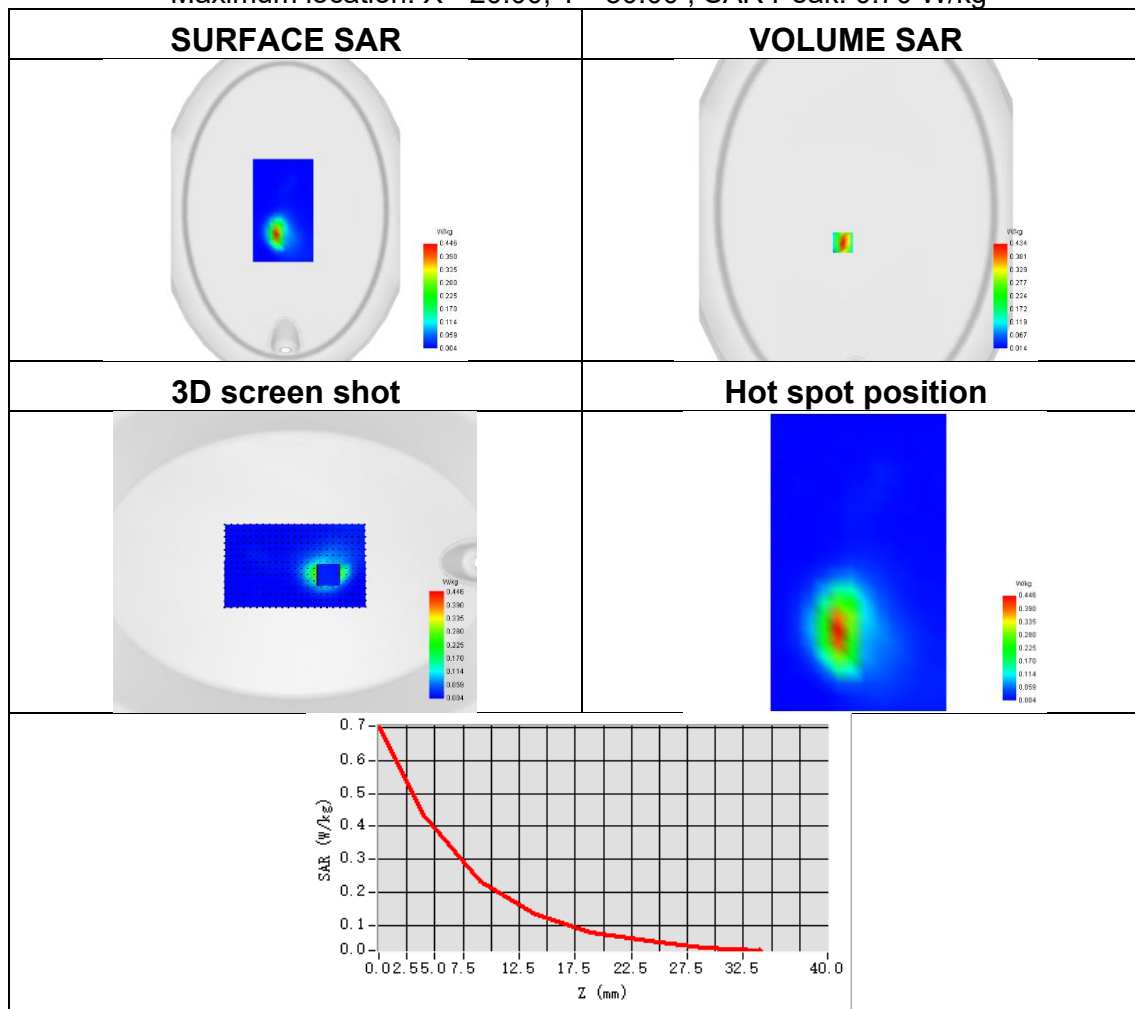




Plot 5:

Test Date	2026-07-23
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Band 5 (850)
Signal	WCDMA
Frequency	846.6
SAR 10g (W/Kg)	0.208
SAR 1g (W/Kg)	0.407
ConvF	1.72
Relative permittivity	42.39
Conductivity (S/m)	0.94

Maximum location: X=-20.00, Y=-50.00 ; SAR Peak: 0.70 W/kg

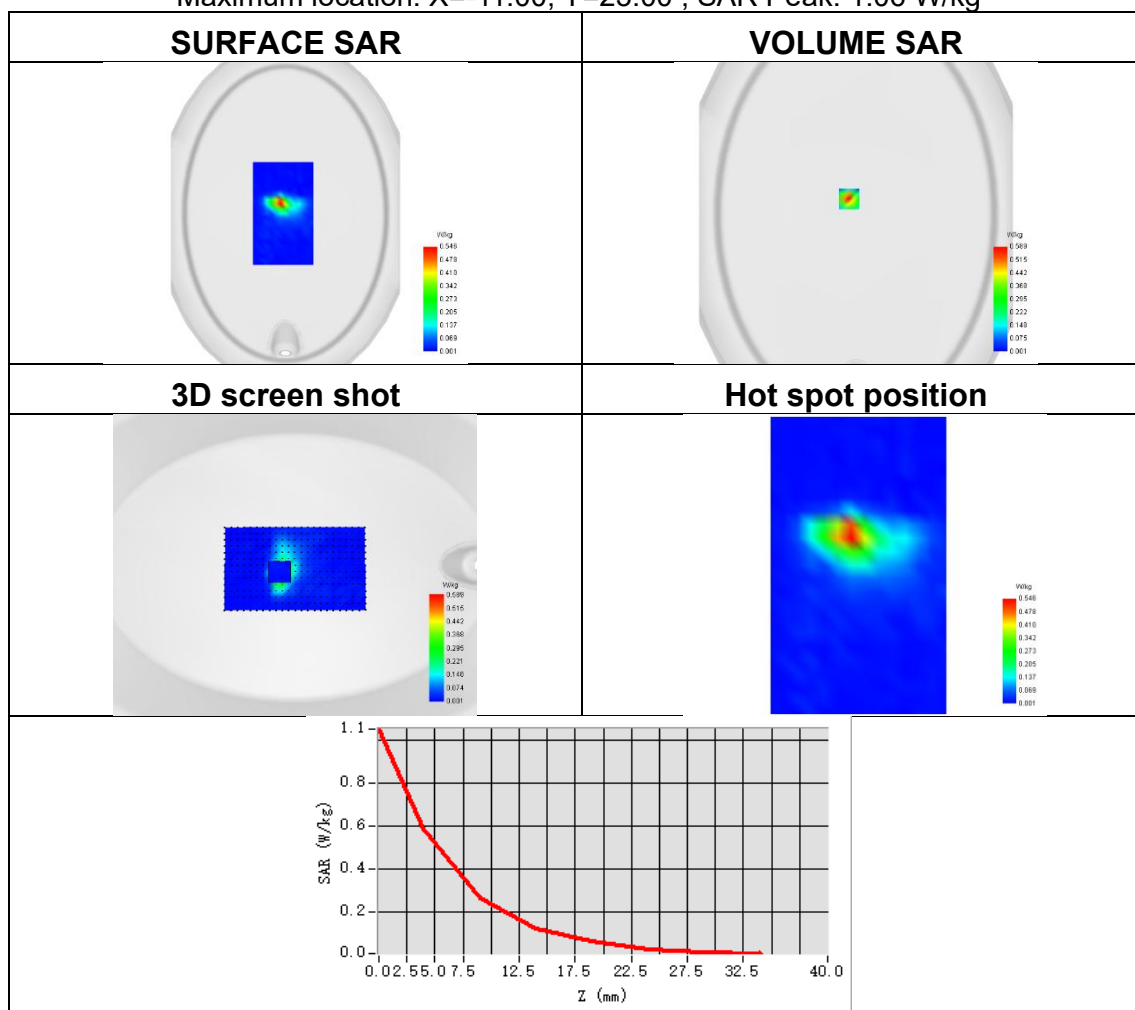




Plot 6:

Test Date	2026-07-24
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	2437
SAR 10g (W/Kg)	0.242
SAR 1g (W/Kg)	0.550
ConvF	1.03
Relative permittivity	39.98
Conductivity (S/m)	1.83

Maximum location: X=-11.00, Y=23.00 ; SAR Peak: 1.06 W/kg

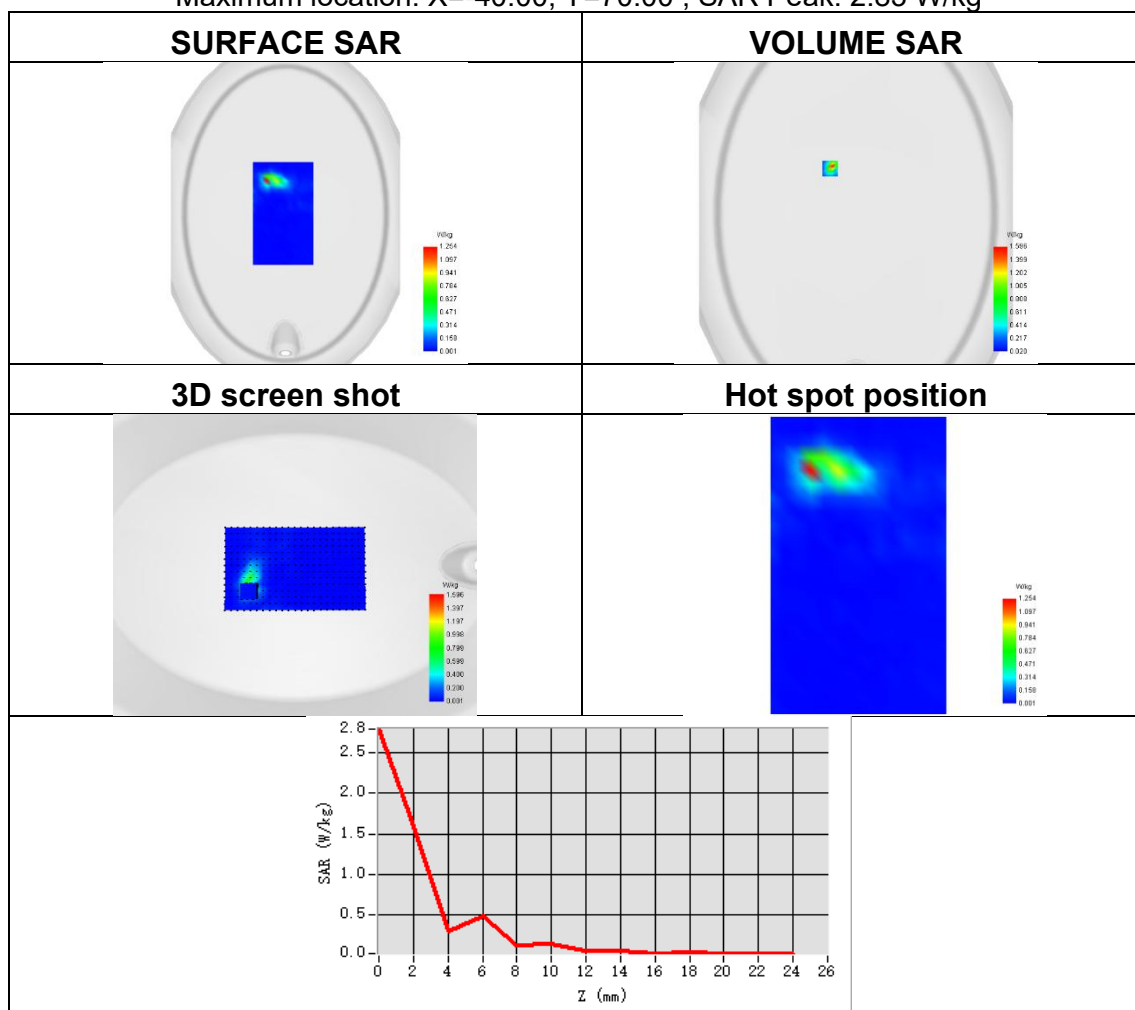




Plot 7:

Test Date	2026-07-28
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)	0.222
SAR 1g (W/Kg)	0.794
ConvF	1.08
Relative permittivity	37.09
Conductivity (S/m)	4.64

Maximum location: X=-40.00, Y=70.00 ; SAR Peak: 2.83 W/kg

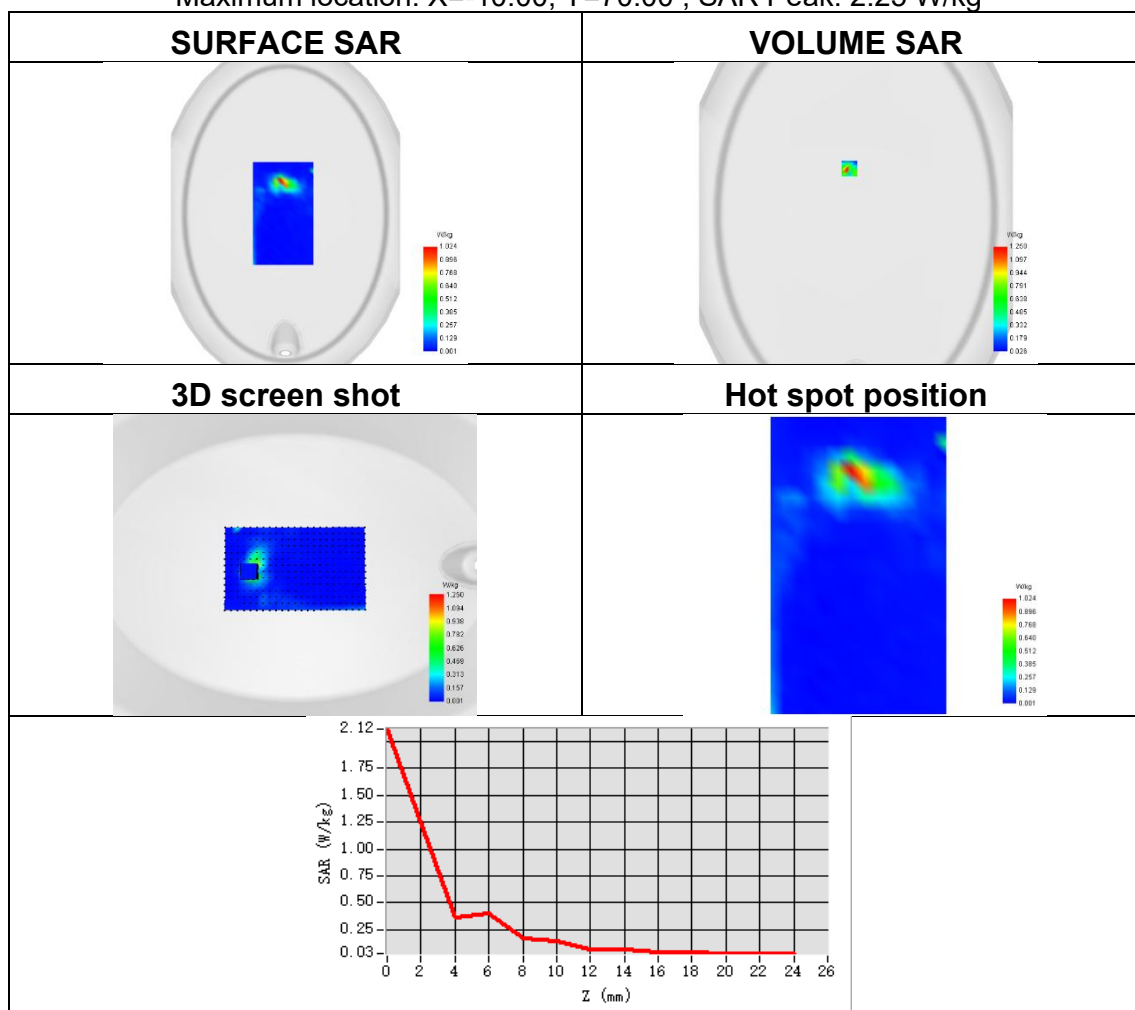




Plot 8:

Test Date	2026-07-28
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	5260
SAR 10g (W/Kg)	0.184
SAR 1g (W/Kg)	0.621
ConvF	1.16
Relative permittivity	36.52
Conductivity (S/m)	4.84

Maximum location: X=-10.00, Y=70.00 ; SAR Peak: 2.25 W/kg

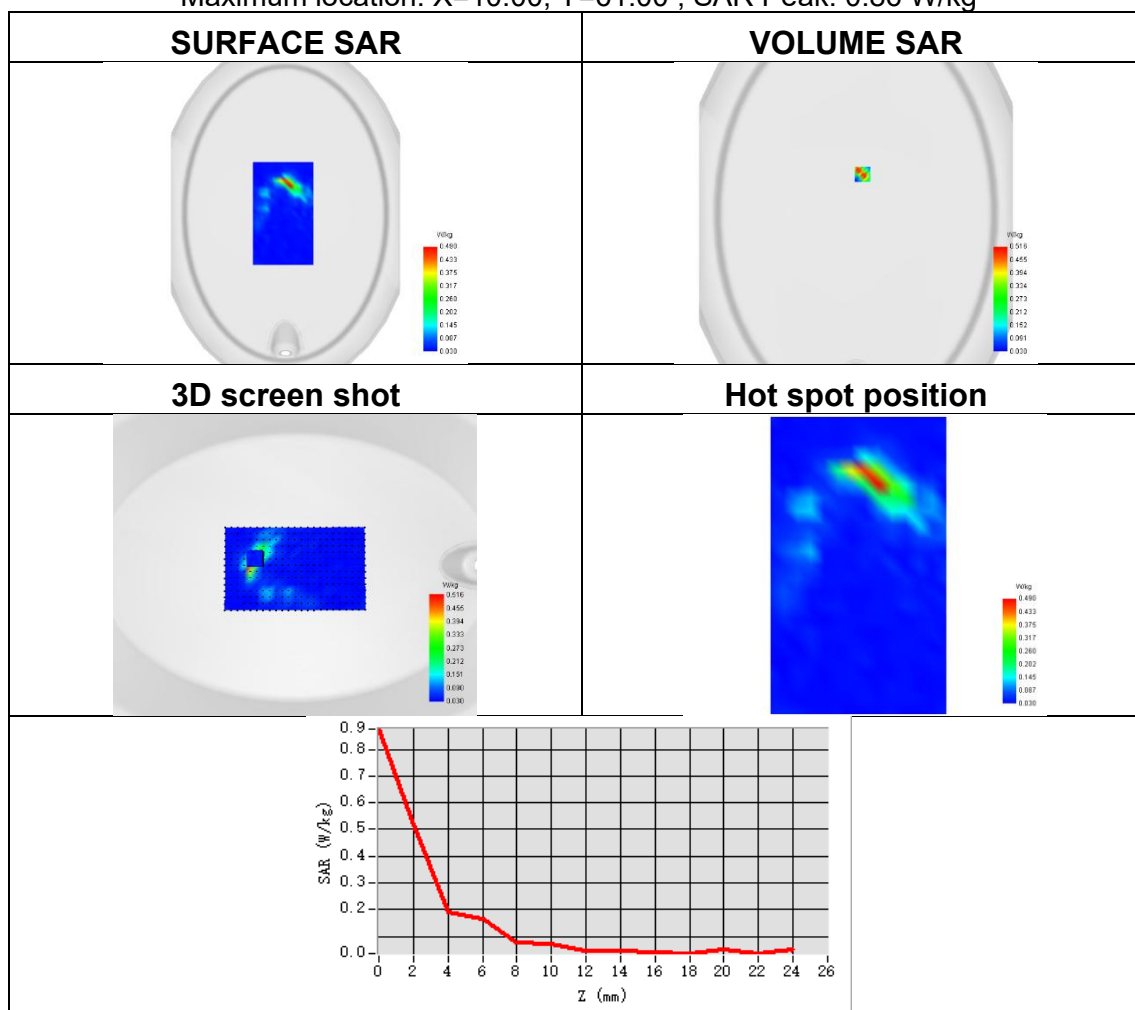




Plot 9:

Test Date	2026-07-22
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	5700
SAR 10g (W/Kg)	0.096
SAR 1g (W/Kg)	0.303
ConvF	1.07
Relative permittivity	36.32
Conductivity (S/m)	5.04

Maximum location: X=10.00, Y=61.00 ; SAR Peak: 0.86 W/kg

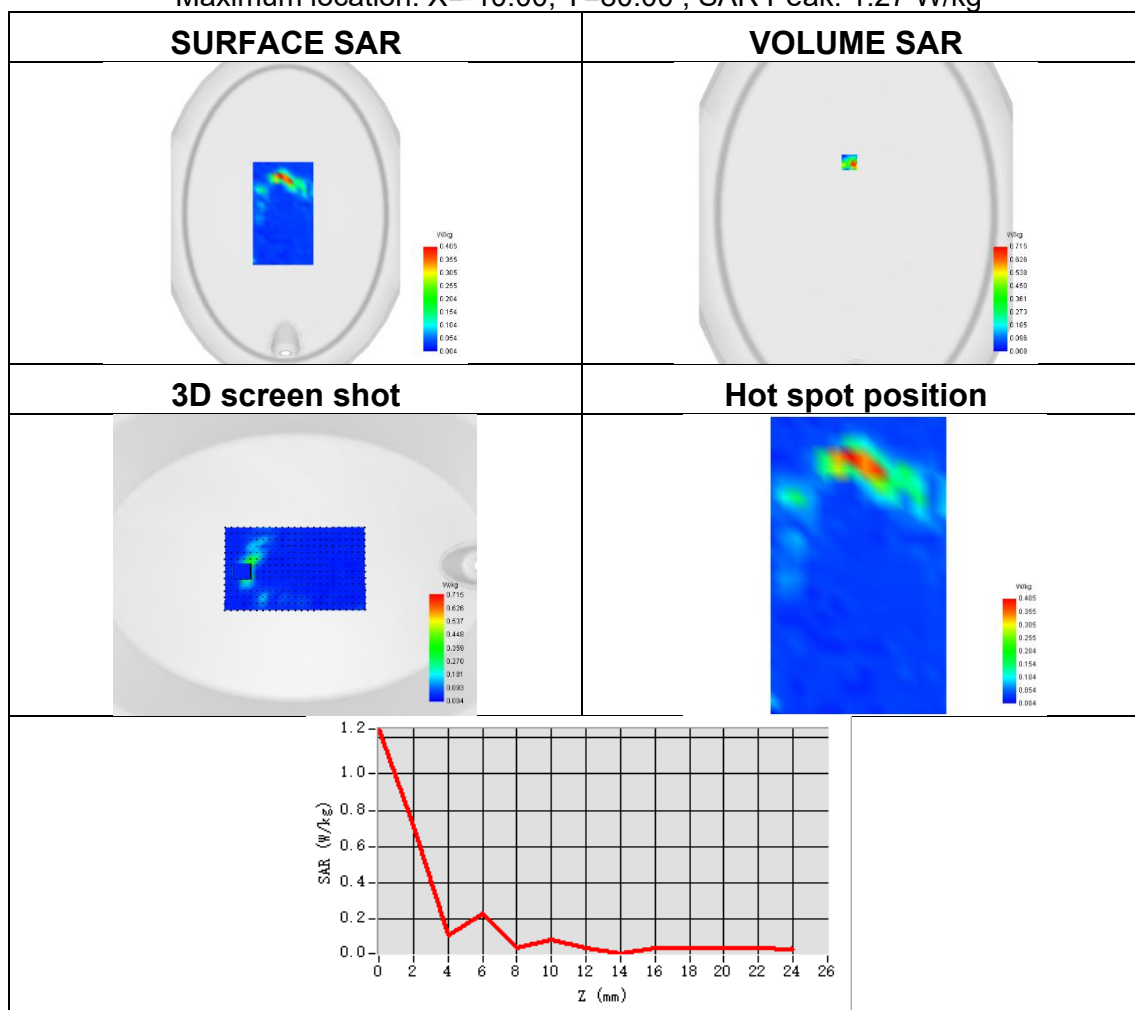




Plot 10:

Test Date	2026-07-22
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-3
Signal	IEEE 802.11a
Frequency	5785
SAR 10g (W/Kg)	0.105
SAR 1g (W/Kg)	0.382
ConvF	1.19
Relative permittivity	36.26
Conductivity (S/m)	5.22

Maximum location: X=-10.00, Y=80.00 ; SAR Peak: 1.27 W/kg

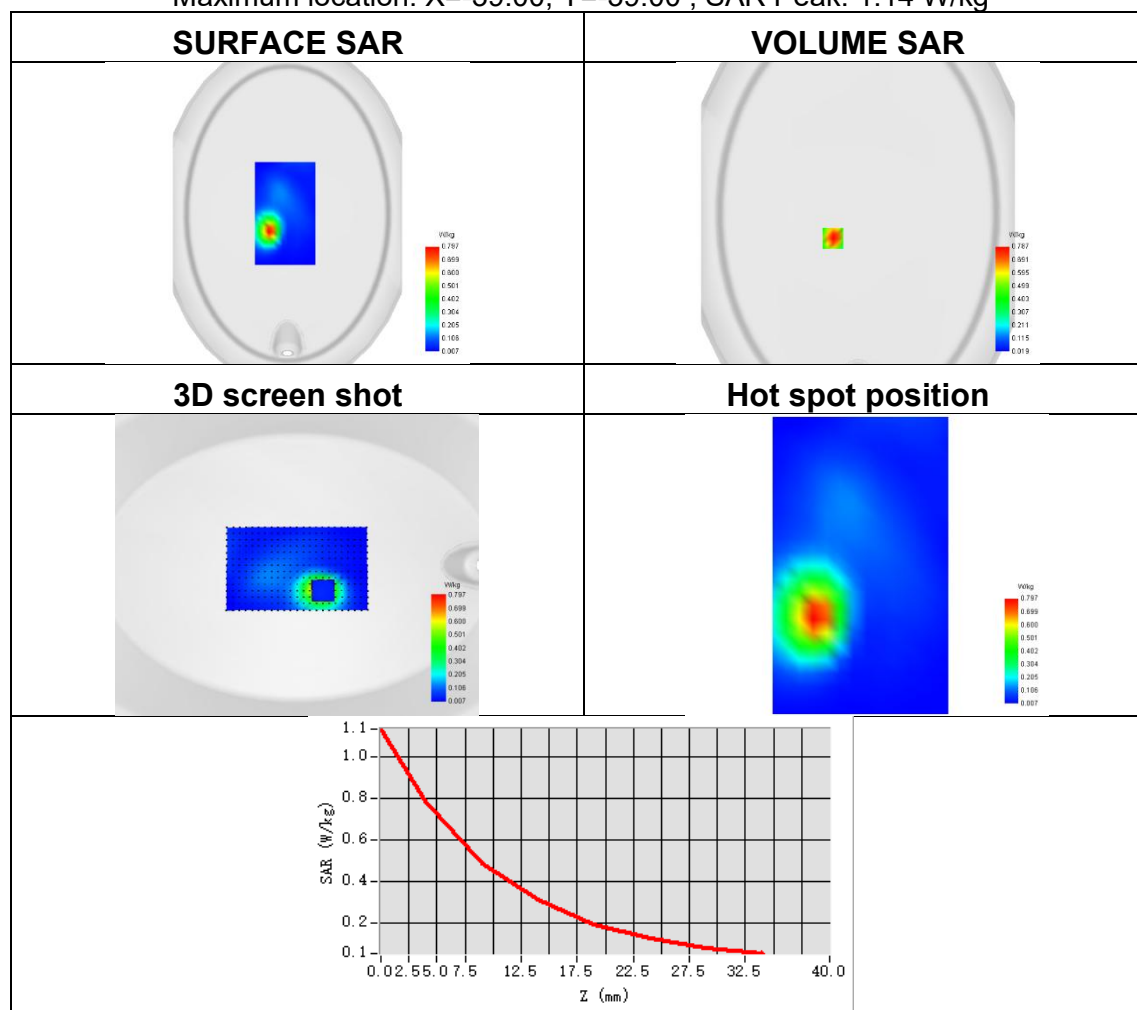




Plot 11:

Test Date	2026-07-21
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 2
Signal	LTE FDD
Frequency	1860
SAR 10g (W/Kg)	0.444
SAR 1g (W/Kg)	0.753
ConvF	2.25
Relative permittivity	40.09
Conductivity (S/m)	1.39

Maximum location: X=-39.00, Y=-39.00 ; SAR Peak: 1.14 W/kg

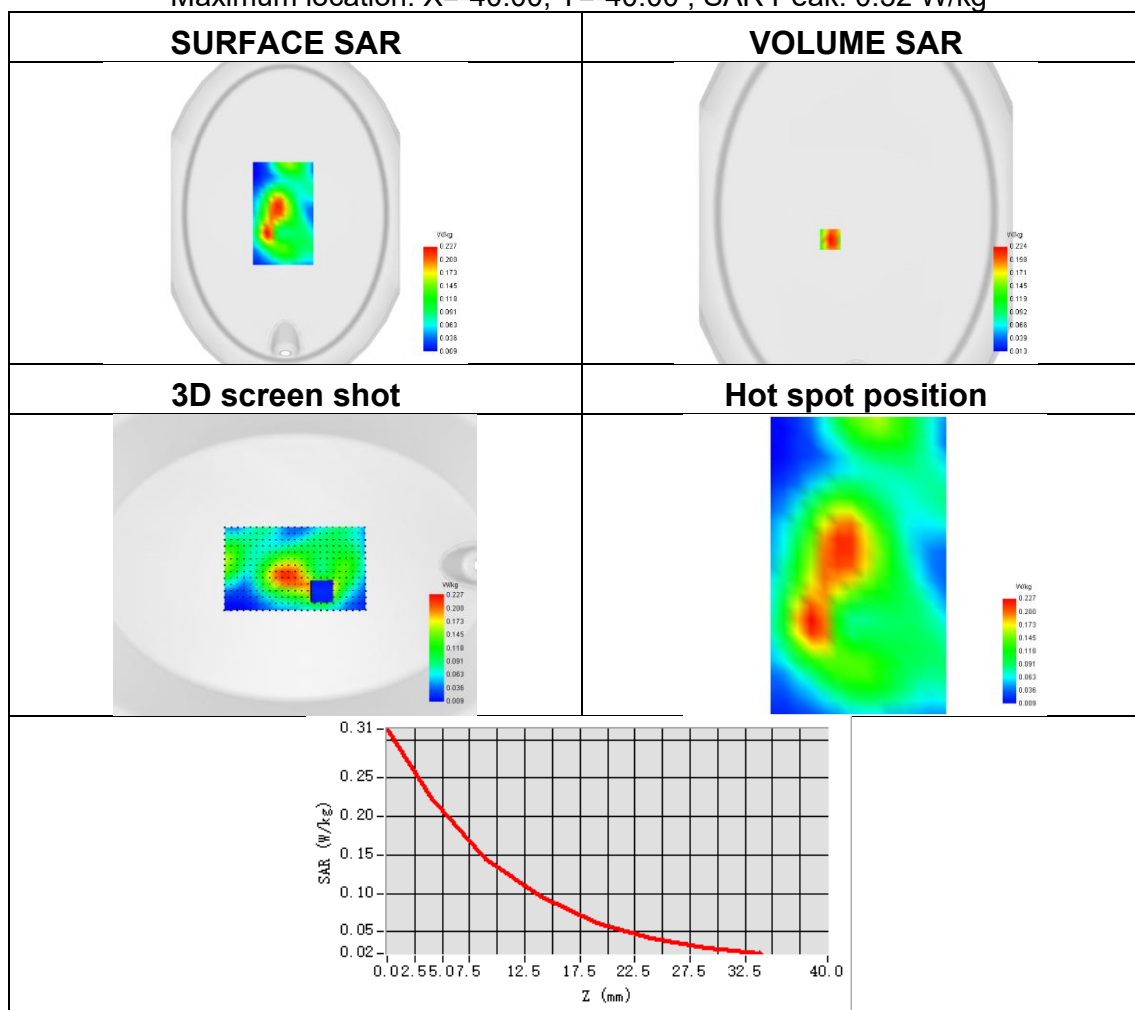




Plot 12:

Test Date	2026-07-21
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 4
Signal	LTE FDD
Frequency	1720
SAR 10g (W/Kg)	0.132
SAR 1g (W/Kg)	0.214
ConvF	1.95
Relative permittivity	40.52
Conductivity (S/m)	1.42

Maximum location: X=-40.00, Y=-40.00 ; SAR Peak: 0.32 W/kg

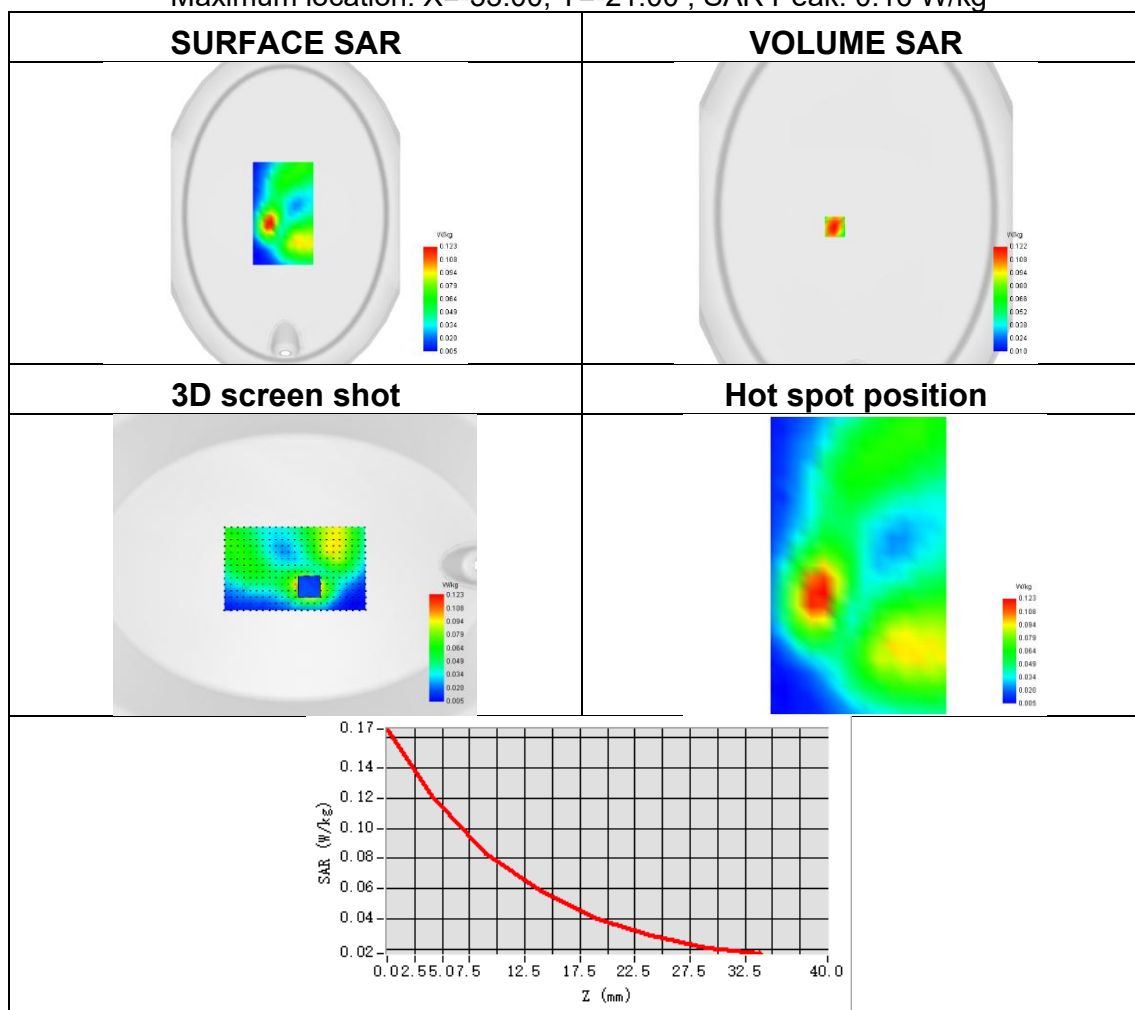




Plot 13:

Test Date	2026-07-23
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	844
SAR 10g (W/Kg)	0.076
SAR 1g (W/Kg)	0.116
ConvF	1.72
Relative permittivity	42.39
Conductivity (S/m)	0.94

Maximum location: X=-33.00, Y=-21.00 ; SAR Peak: 0.16 W/kg

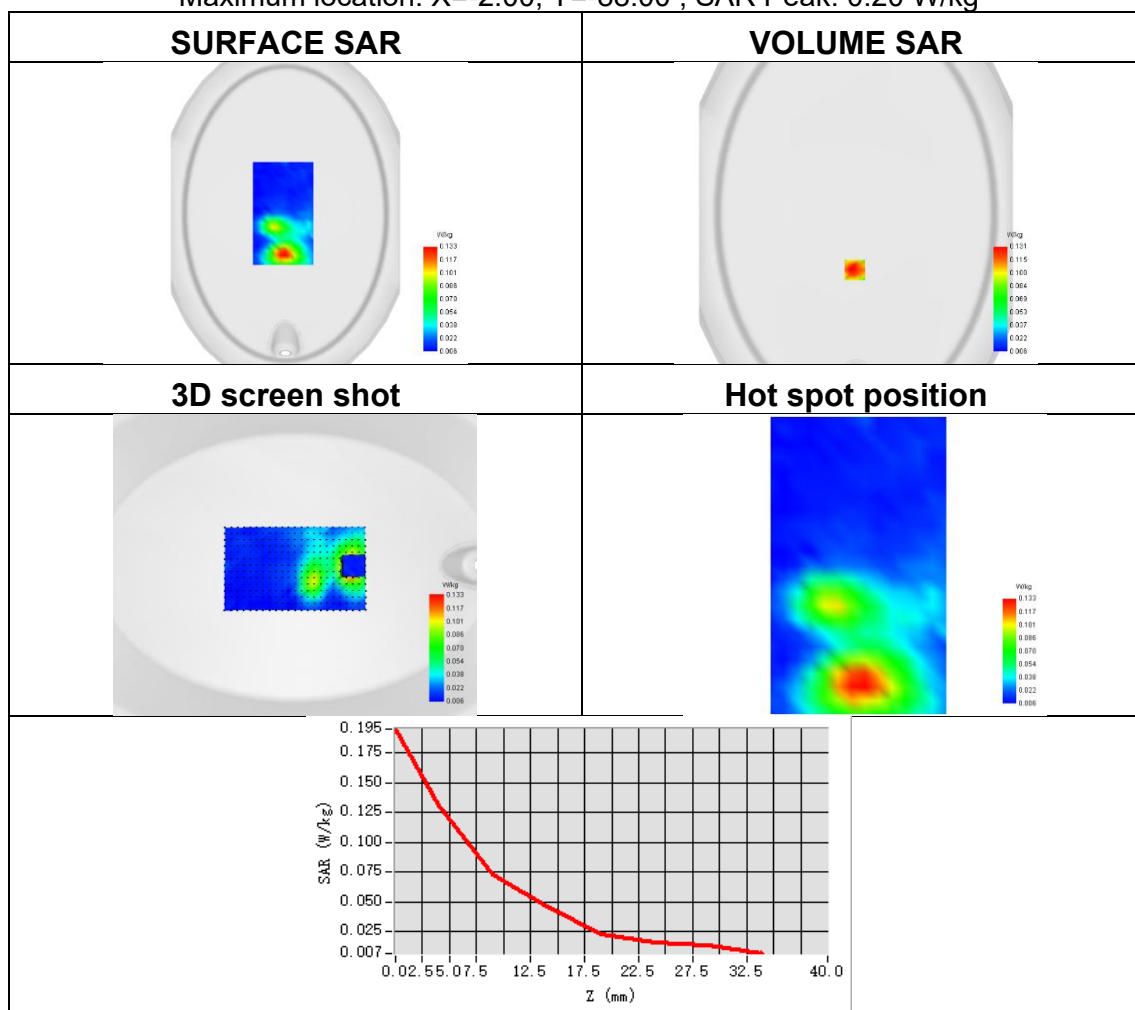




Plot 14:

Test Date	2026-07-24
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 7
Signal	LTE FDD
Frequency	2510
SAR 10g (W/Kg)	0.074
SAR 1g (W/Kg)	0.128
ConvF	0.98
Relative permittivity	39.98
Conductivity (S/m)	1.83

Maximum location: X=-2.00, Y=-88.00 ; SAR Peak: 0.20 W/kg

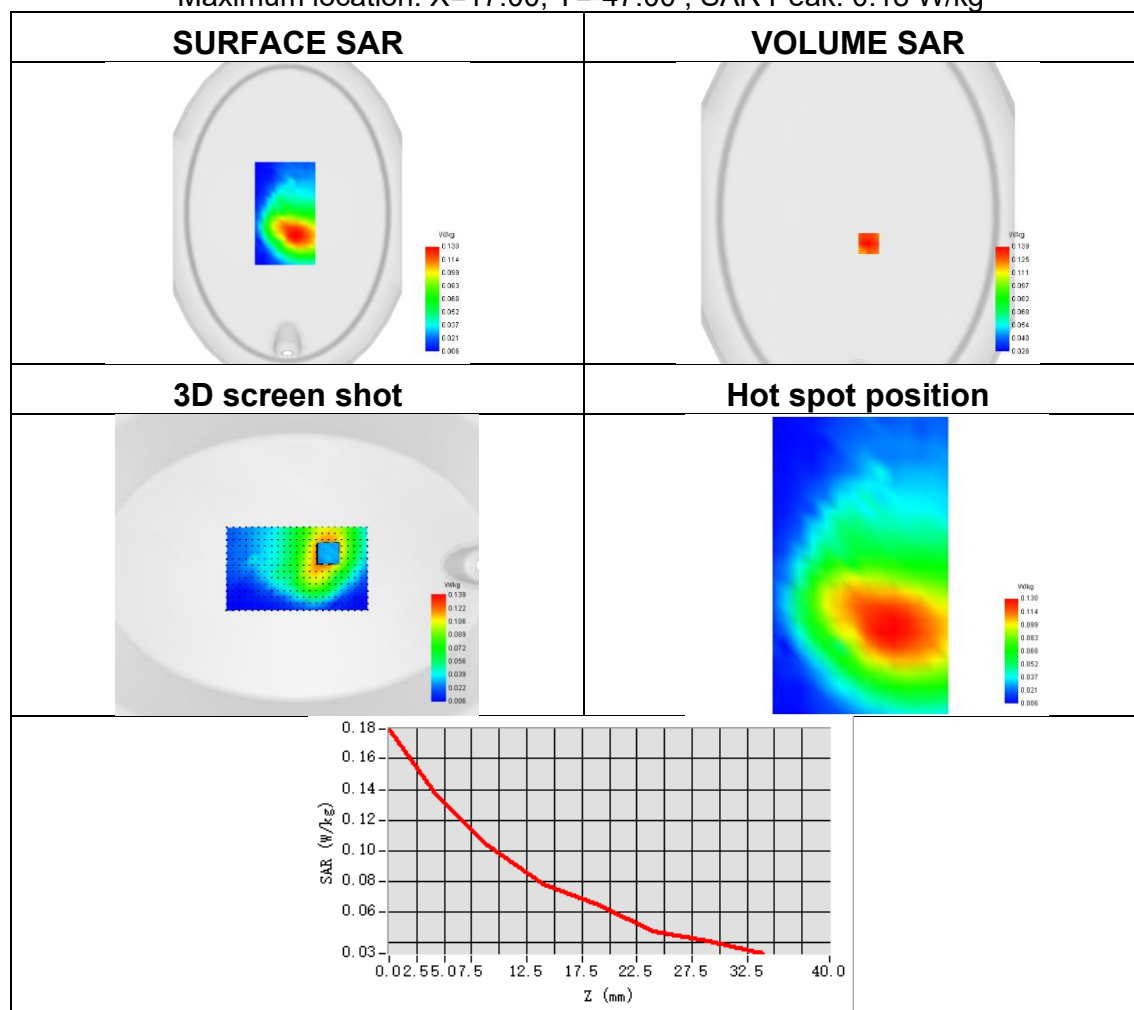




Plot 15:

Test Date	2026-07-23
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 12
Signal	LTE FDD
Frequency	707.5
SAR 10g (W/Kg)	0.099
SAR 1g (W/Kg)	0.139
ConvF	1.72
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=17.00, Y=-47.00 ; SAR Peak: 0.18 W/kg

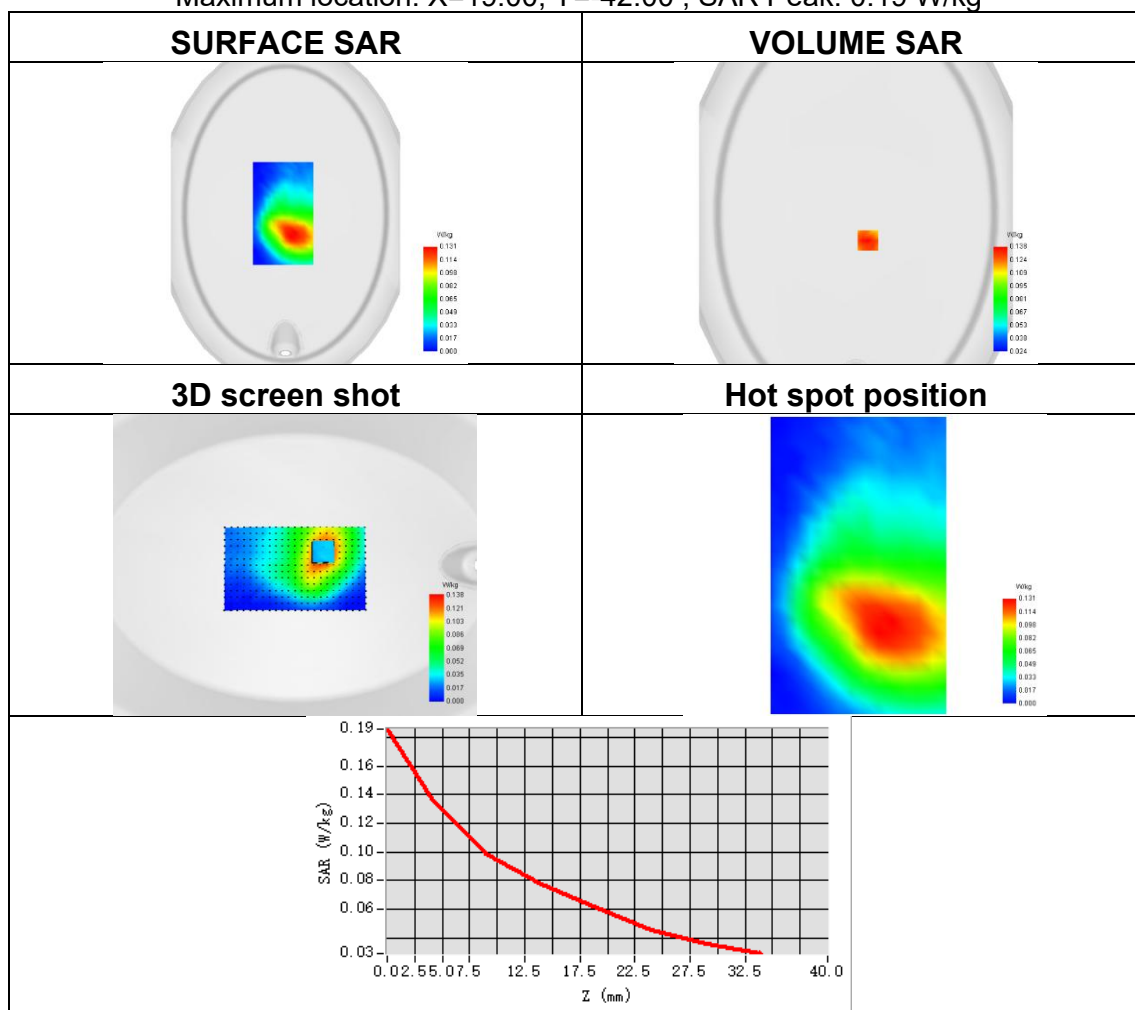




Plot 16:

Test Date	2026-07-23
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 17
Signal	LTE FDD
Frequency	711
SAR 10g (W/Kg)	0.095
SAR 1g (W/Kg)	0.138
ConvF	1.72
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=19.00, Y=-42.00 ; SAR Peak: 0.19 W/kg

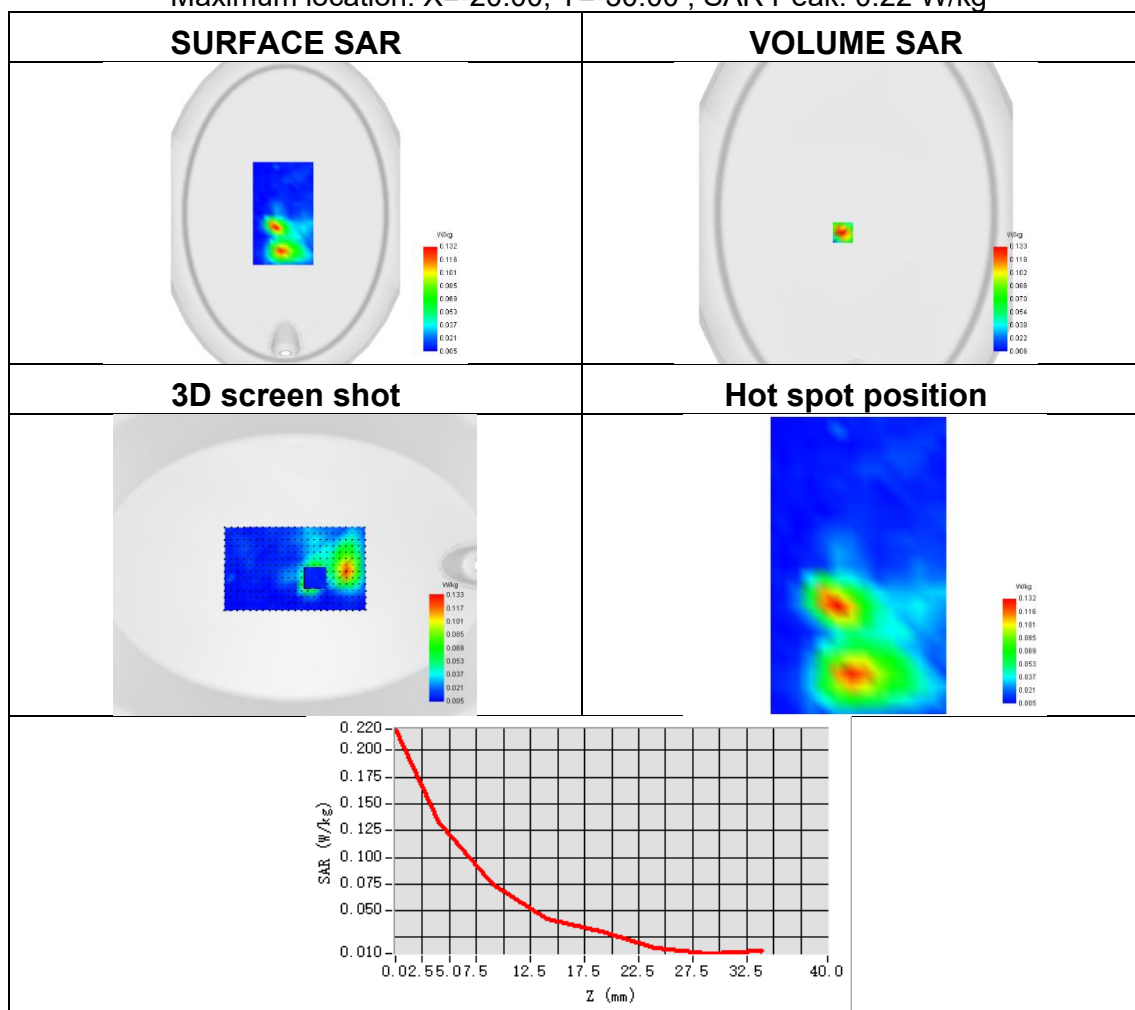




Plot 17:

Test Date	2026-07-24
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 38
Signal	LTE TDD
Frequency	2610
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.130
ConvF	0.98
Relative permittivity	39.21
Conductivity (S/m)	1.97

Maximum location: X=-20.00, Y=-30.00 ; SAR Peak: 0.22 W/kg

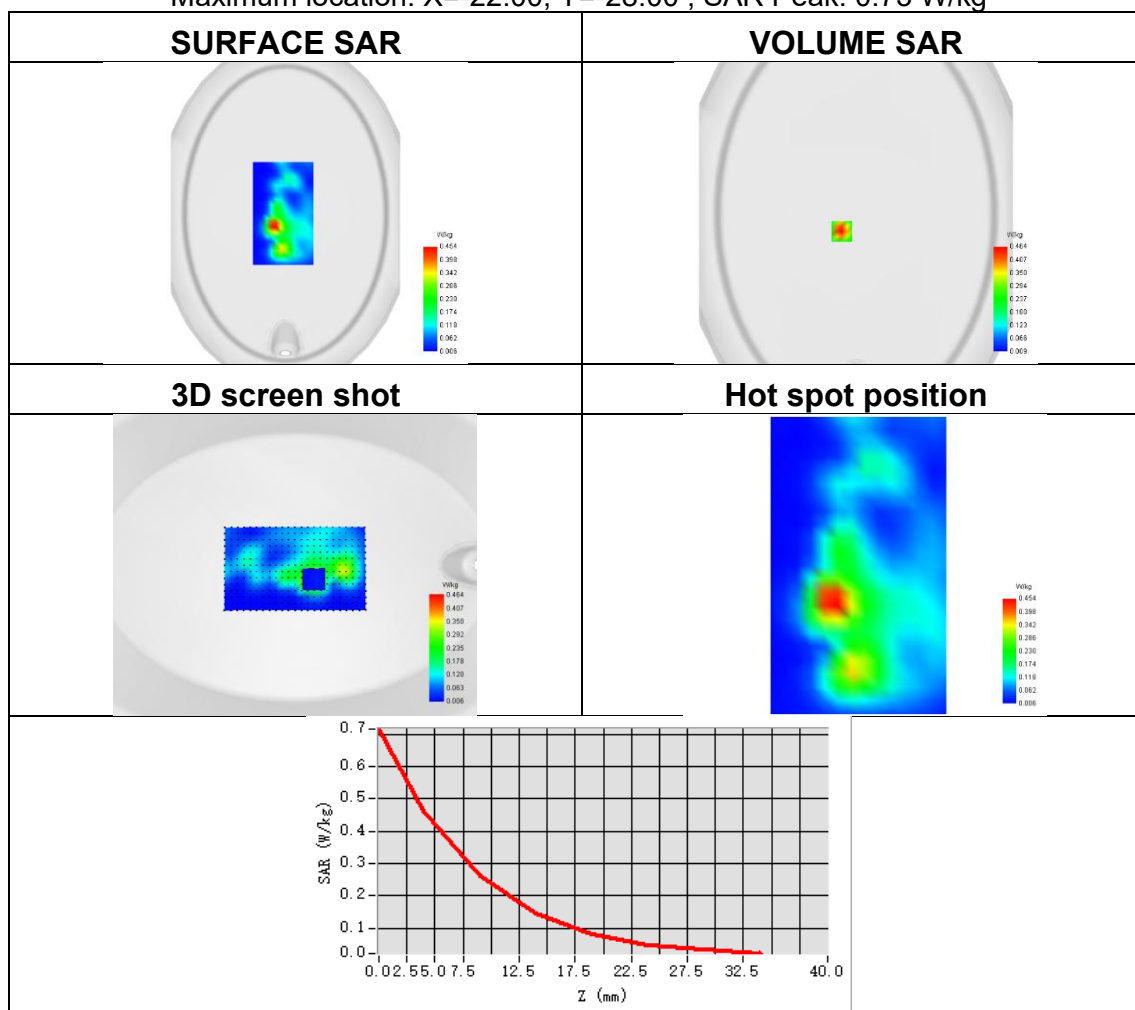




Plot 18:

Test Date	2026-07-24
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 40
Signal	LTE TDD
Frequency	2310
SAR 10g (W/Kg)	0.236
SAR 1g (W/Kg)	0.446
ConvF	0.97
Relative permittivity	39.57
Conductivity (S/m)	1.68

Maximum location: X=-22.00, Y=-28.00 ; SAR Peak: 0.73 W/kg

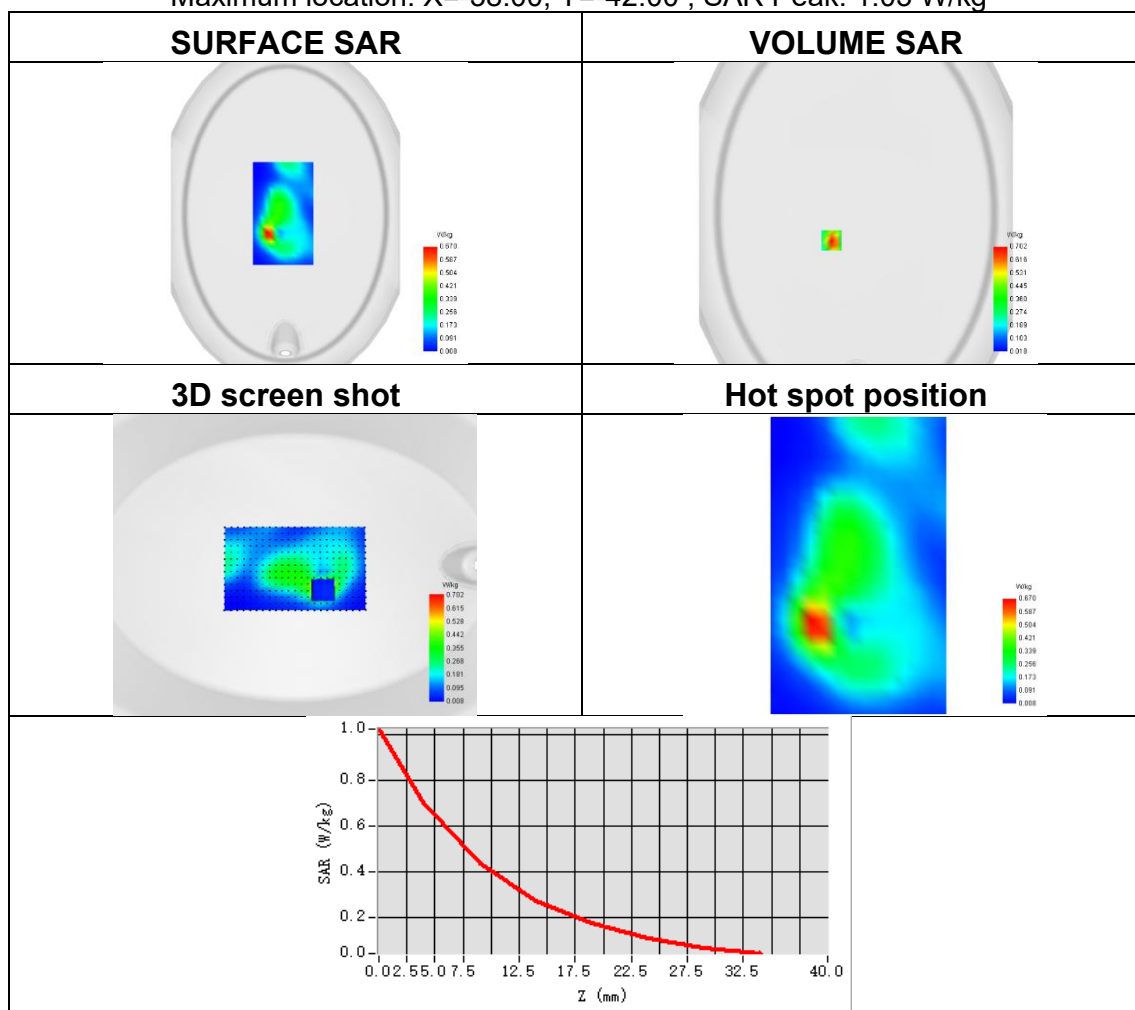




Plot 19:

Test Date	2026-07-21
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 66
Signal	LTE FDD
Frequency	1770
SAR 10g (W/Kg)	0.370
SAR 1g (W/Kg)	0.665
ConvF	1.95
Relative permittivity	40.52
Conductivity (S/m)	1.42

Maximum location: X=-38.00, Y=-42.00 ; SAR Peak: 1.03 W/kg





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※