

11. SAR Result Summary

11.1 Body-worn SAR

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	Face up	1860	0.129	0.47	23.5	23.49	1.002	0.129	1
			50	0	Face up	1860	0.094	-1.67	22.5	22.26	1.057	0.099	/
			1	0	Back Side	1860	0.163	-0.55	23.5	23.49	1.002	0.163	2
LTE Band 5	10M	QPSK	50	0	Back Side	1860	0.123	0.47	22.5	22.26	1.057	0.130	/
			1	0	Face up	844	0.251	-1.67	25.5	25.2	1.072	0.269	3
			25	0	Face up	836.5	0.206	-0.55	24.5	24.03	1.114	0.230	/
			1	0	Back Side	829	0.391	-3.15	25.5	24.95	1.135	0.444	/
			1	0	Back Side	836.5	0.406	3.75	25.5	25.03	1.114	0.452	/
			1	0	Back Side	844	0.448	1.12	25.5	25.2	1.072	0.480	4
LTE Band 7	10M	QPSK	25	0	Back Side	836.5	0.405	-0.23	24.5	24.03	1.114	0.451	/
			1	0	Face up	2510	0.067	2.20	23.5	23.16	1.081	0.072	5
			50	0	Face up	2560	0.052	-3.01	22	21.96	1.009	0.052	/
			1	0	Back Side	2510	0.084	-1.76	23.5	23.16	1.081	0.091	6
			50	0	Back Side	2560	0.063	0.83	22	21.96	1.009	0.064	/
LTE Band 12/17	10M	QPSK	1	0	Face up	704	0.102	-2.74	25	24.66	1.081	0.110	7
			25	0	Face up	704	0.075	-2.33	24	23.53	1.114	0.084	/
			1	0	Back Side	704	0.131	0.43	25	24.66	1.081	0.142	8
			25	0	Back Side	704	0.111	0.24	24	23.53	1.114	0.124	/
LTE Band 13	10M	QPSK	1	0	Face up	782	0.115	0.74	24.5	24.2	1.072	0.123	9
			25	0	Face up	782	0.091	-1.28	23	22.98	1.005	0.091	/
			1	0	Back Side	782	0.303	0.05	24.5	24.2	1.072	0.325	10
			25	0	Back Side	782	0.245	3.45	23	22.98	1.005	0.246	/
LTE Band 38	20M	QPSK	1	0	Face up	2610	0.030	-2.91	22	21.87	1.030	0.031	11
			50	0	Face up	2610	0.014	3.73	21	20.68	1.076	0.015	/
			1	0	Back Side	2610	0.048	-0.90	22	21.87	1.030	0.049	12
			50	0	Back Side	2610	0.026	0.60	21	20.68	1.076	0.028	/
LTE Band 40	20M	QPSK	1	0	Face up	2350	0.035	-2.08	22.5	22.49	1.002	0.035	13
			50	0	Face up	2350	0.022	-0.08	21.5	21.34	1.038	0.023	/
			1	0	Back Side	2350	0.075	-2.12	22.5	22.49	1.002	0.075	14
			50	0	Back Side	2350	0.048	2.07	21.5	21.34	1.038	0.050	/
LTE Band 41	20M	QPSK	1	0	Face up	2680	0.031	1.67	22.5	22.07	1.104	0.034	15
			50	0	Face up	2680	0.019	-1.50	21	20.82	1.042	0.020	/
			1	0	Back Side	2680	0.047	3.80	22.5	22.07	1.104	0.052	16
			50	0	Back Side	2680	0.036	-3.23	21	20.82	1.042	0.038	/
LTE Band 66/4	20M	QPSK	1	0	Face up	1720	0.277	0.91	24	23.69	1.074	0.297	17
			50	0	Face up	1720	0.215	-1.98	22.5	22.47	1.007	0.216	/
			1	0	Back Side	1720	0.113	-1.60	24	23.69	1.074	0.121	18
			50	0	Back Side	1720	0.083	-2.95	22.5	22.47	1.007	0.084	/

Note:

- The test separation of all items in the table above has two distances: Back 0 mm, Face up 25 mm.
- Per KDB 447498 D01 v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - 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.
 - Scaled SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor

12. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
SAR Test System	SATIMO	N/A	V5.3.15.11	N/A	N/A
750MHz Dipole	MVG	SID750	SN 30/14 DIP0G750-331	2023.07.04	2026.07.03
835MHz Dipole	MVG	SID835	SN 30/14 DIP0G835-332	2023.07.04	2026.07.03
1800MHz Dipole	MVG	SID1800	5023-DIP1G800-747	2023.12.20	2026.12.19
1900MHz Dipole	MVG	SID1900	SN 30/14 DIP1G900-333	2023.09.14	2026.09.13
2450MHz Dipole	MVG	SID2450	SN 30/14 DIP2G450-335	2023.07.04	2026.07.03
2600MHz Dipole	MVG	SID2600	SN 30/14 DIP2G600-336	2023.07.04	2026.07.03
E-Field Probe	MVG	SSE2	SN 08/21 EPG0352	2025.09.15	2026.09.14
Dielectric Probe Kit	MVG	SCLMP	SN 32/14 OCPG67	2025.09.15	2026.09.14
Antenna	MVG	ANTA3	SN 07/13 ZNTA52	N/A	N/A
Phantom1	MVG	SAM	SN 32/14 SAM115	N/A	N/A
Phantom3	MVG	SAM	SN 21/21 ELLI48	N/A	N/A
Phone holder	MVG	N/A	SN 32/14 MSH97	N/A	N/A
Laptop holder	MVG	N/A	SN 32/14 LSH29	N/A	N/A
Attenuator	Agilent	HXT-10-8-SMA	240327017	2026.02.04	2027.02.03
Directional coupler	Xi'an Xingbo	XBOH-OA08-20dB	211123-4-3	2026.02.03	2027.02.02
Network Analyzer	Agilent	E5071C	MY46520378	2025-09-26	2026-09-24
Multi Meter	Keithley	Multi Meter 2000	4050073	2025-09-22	2026-09-21
Signal Generator	Agilent	N5182A	MY50140530	2025-09-26	2026-09-25
Wireless Communication Test Set	Agilent	8960-E5515C	MY48360751	2026.02.04	2027.02.03
Wireless Communication Test Set	R&S	CMW500	156324	2025-09-25	2026-09-24
Power Amplifier	DESAY	WCS-DLNA50M8G50G1	CSKJLNA231227A	2025-09-29	2026-09-28
Power Meter	R&S	NRP	100510	2025-09-25	2026-09-24
Power Sensor	R&S	NRP-Z11	101919	2025-09-25	2026-09-24
Power Sensor	Keysight	U2021XA	MY56280002	2025-09-25	2026-09-24
Temperature hygrometer	TOPRIE	TP502V4-P	6700000124198	2025.10.09	2026.10.08
Thermograph	Elitech	RC-4	S/N EF7176501537	2025.10.17	2026.10.16

Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

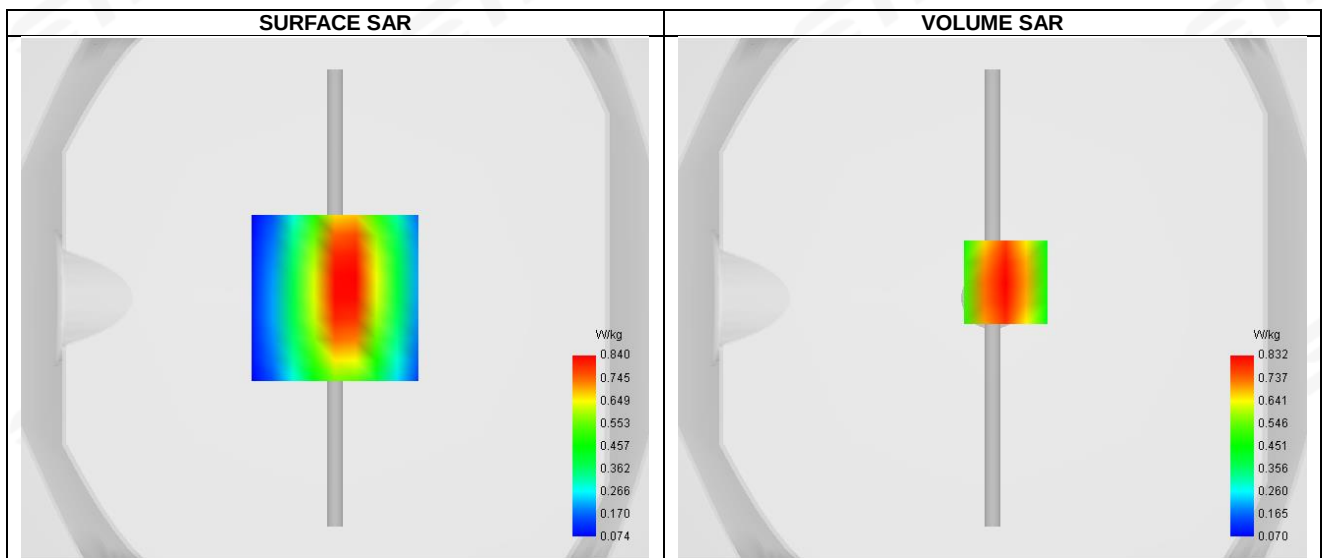
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-05-17

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	750MHz
Channels	Middle
Signal	CW
Frequency (MHz)	750MHz
Relative permittivity	42.52
Conductivity (S/m)	0.90
Probe	SN 08/21 EPGO352
ConvF	1.51
Crest factor	1:1



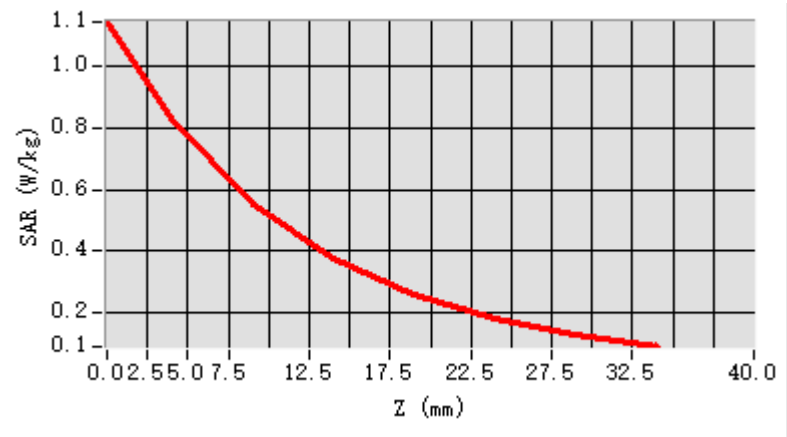
Maximum location: X=5.00, Y=6.00 ; SAR Peak: 1.14 W/kg

D. SAR 1g & 10g

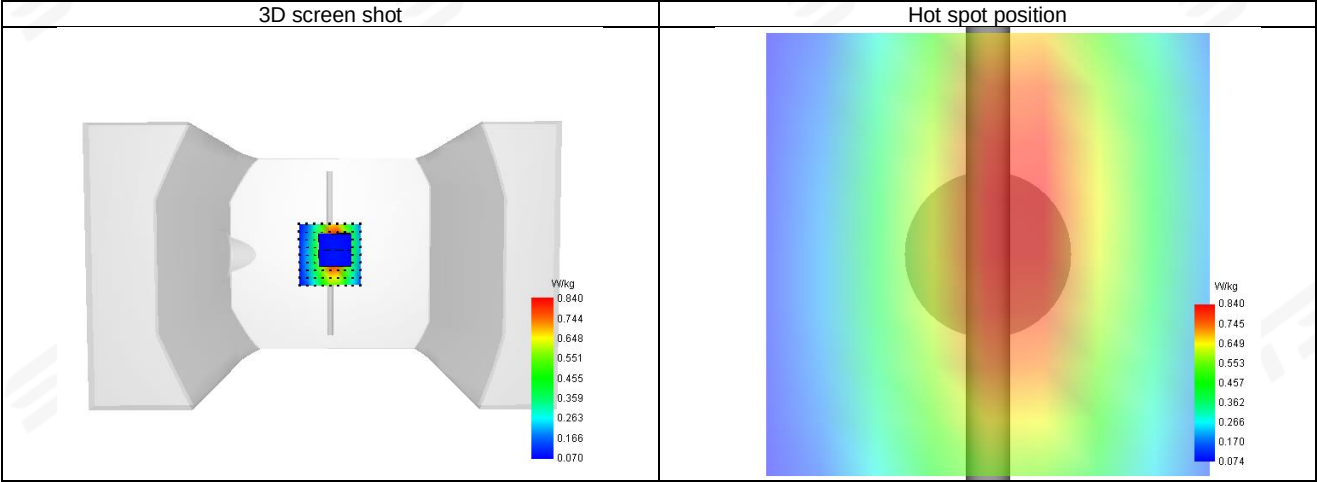
SAR 10g (W/Kg)	0.556
SAR 1g (W/Kg)	0.855
Horizontal validation criteria: minimum distance (mm)	11.334451
Vertical validation criteria: SAR ratio M2/M1 (%)	67.359413

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.147	0.832	0.556	0.380	0.261	0.181	0.129



F. 3D Image



System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

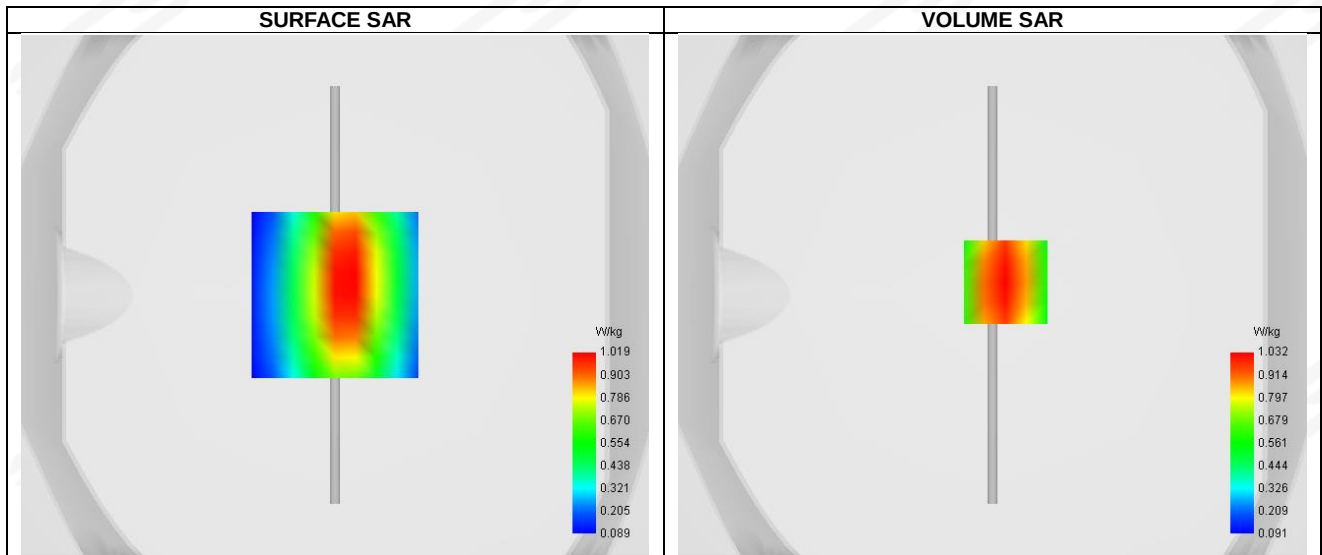
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-05-17

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW
Frequency (MHz)	835MHz
Relative permittivity	41.66
Conductivity (S/m)	0.91
Probe	SN 08/21 EPGO352
ConvF	1.49
Crest factor:	1:1



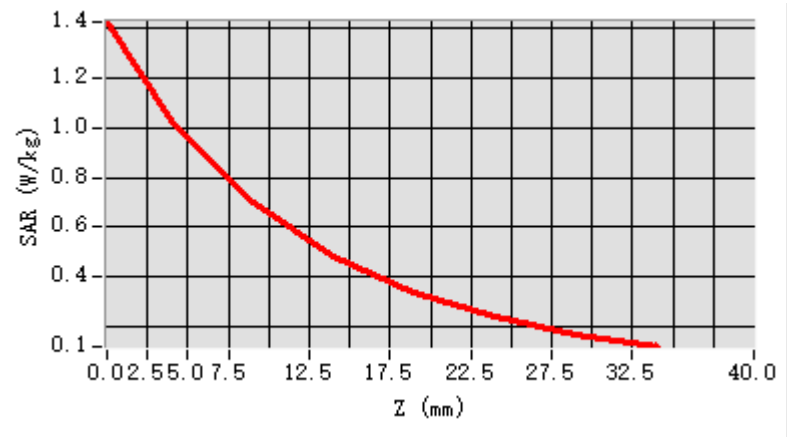
Maximum location: X=5.00, Y=5.00 ; SAR Peak: 1.42 W/kg

D. SAR 1g & 10g

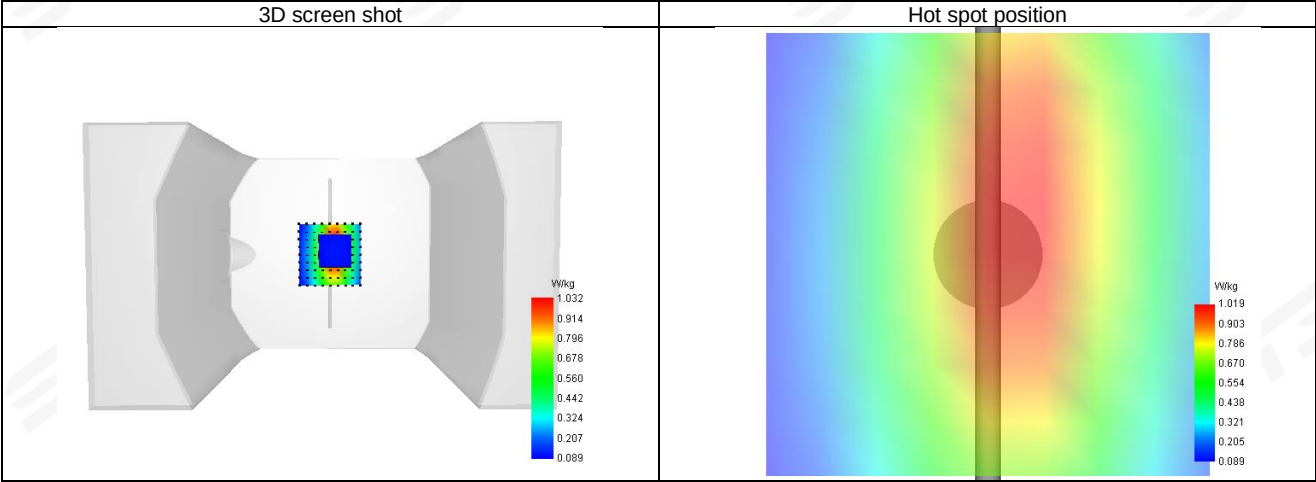
SAR 10g (W/Kg)	0.577
SAR 1g (W/Kg)	0.967
Horizontal validation criteria: minimum distance (mm)	11.262363
Vertical validation criteria: SAR ratio M2/M1 (%)	68.335422

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.428	1.032	0.697	0.480	0.339	0.235	0.163



F. 3D Image



System Performance Check Data(1800MHz)

Type: Phone measurement (Complete)

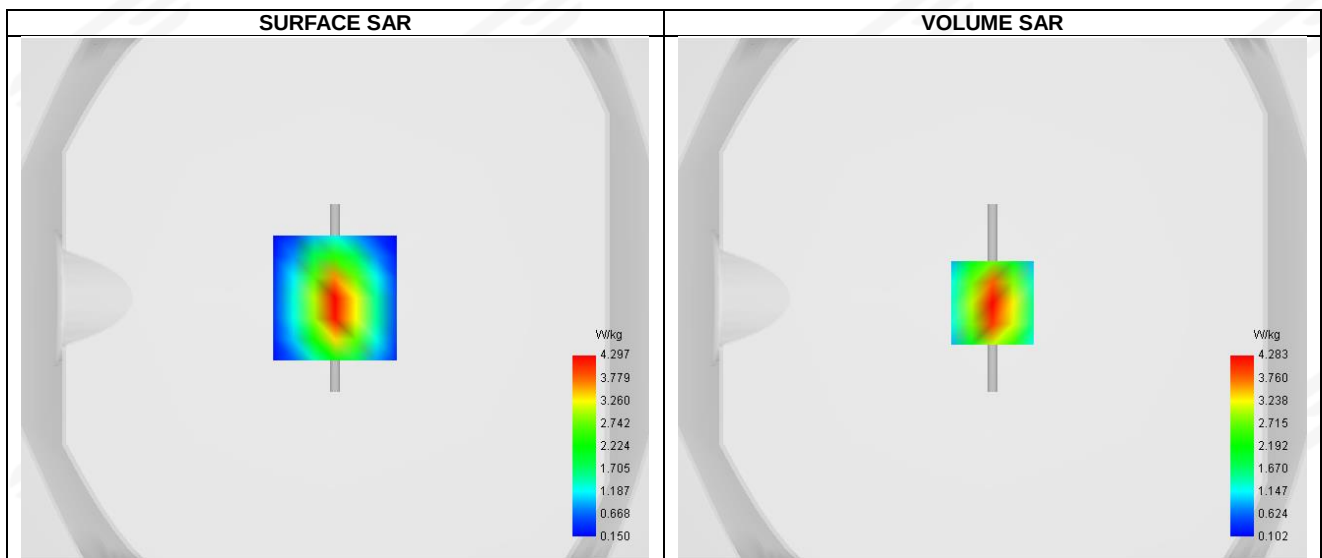
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-05-17

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1800MHz
Relative permittivity	40.02
Conductivity (S/m)	1.39
Probe	SN 08/21 EPGO352
ConvF	1.54
Crest factor:	1:1



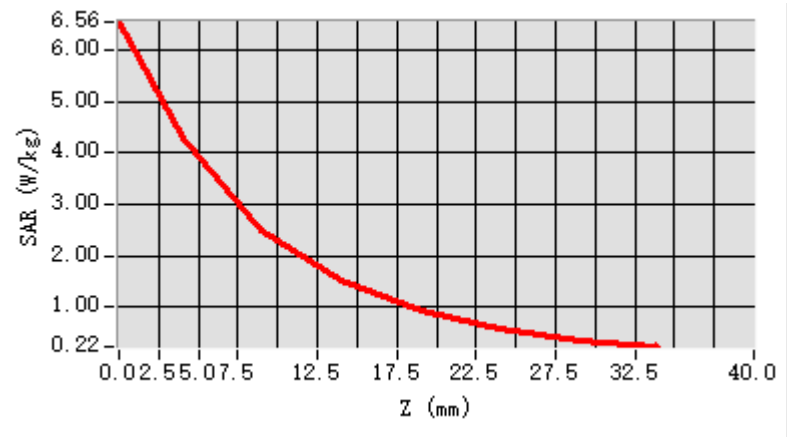
Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 6.53 W/kg

D. SAR 1g & 10g

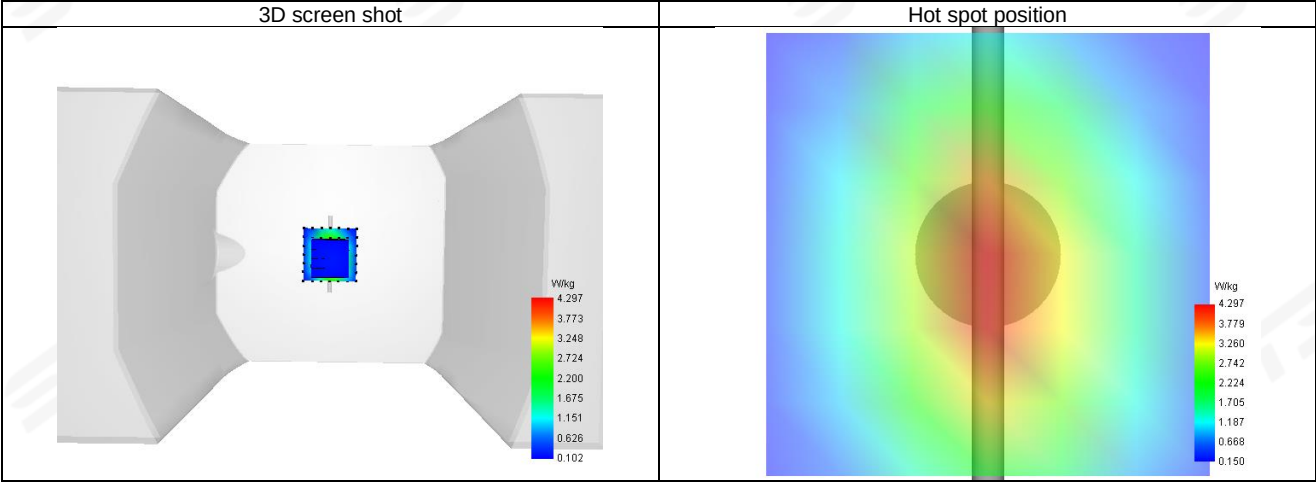
SAR 10g (W/Kg)	2.018
SAR 1g (W/Kg)	3.774
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.161874

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.558	4.283	2.491	1.504	0.927	0.573	0.356



F. 3D Image



System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

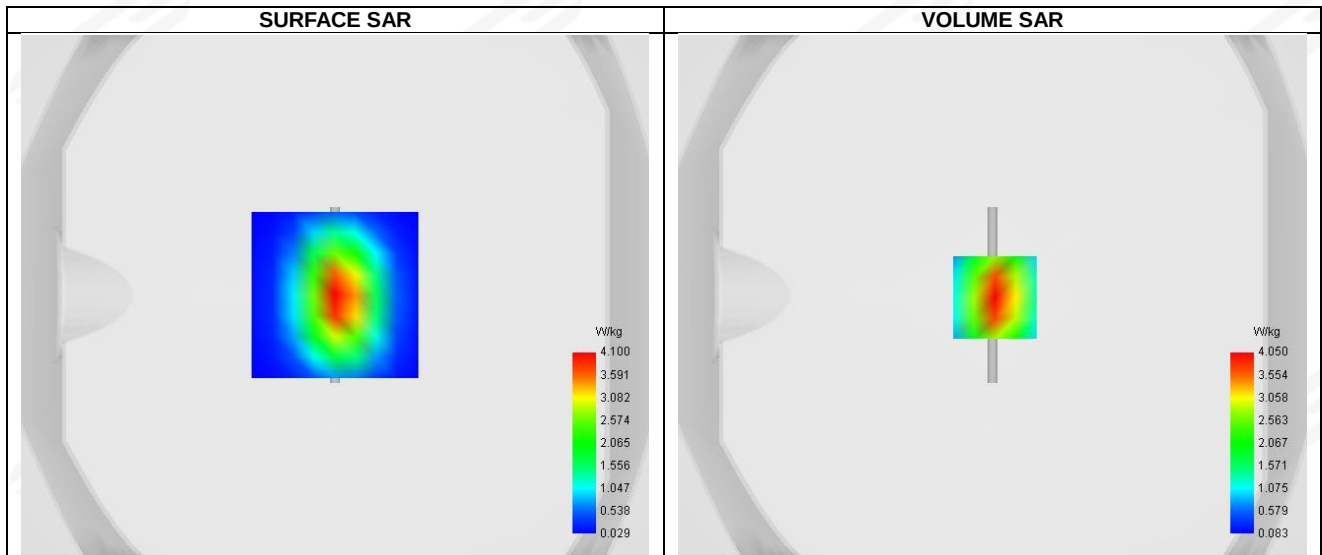
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-05-18

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1900MHz
Relative permittivity	40.77
Conductivity (S/m)	1.38
Probe	SN 08/21 EPGO352
ConvF	1.73
Crest factor:	1:1



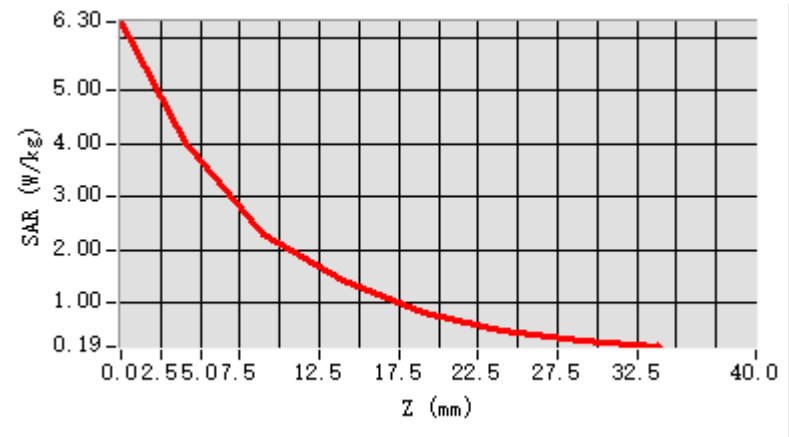
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 6.24 W/kg

D. SAR 1g & 10g

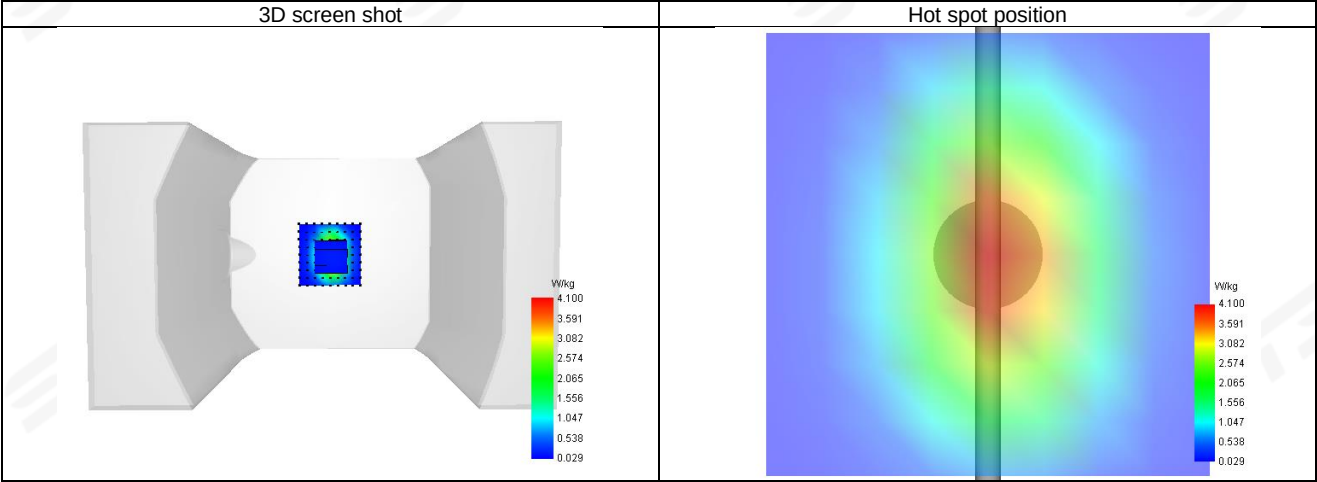
SAR 10g (W/Kg)	2.031
SAR 1g (W/Kg)	4.031
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.919960

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.298	4.050	2.305	1.415	0.842	0.501	0.299



F. 3D Image



System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

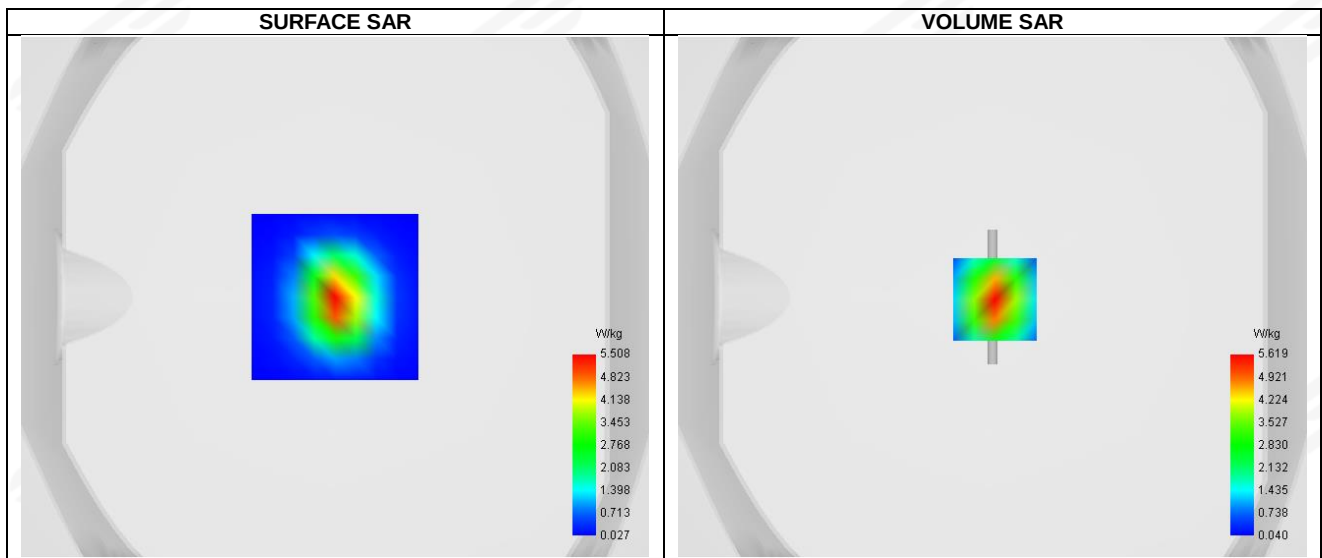
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-05-18

Experimental conditions.

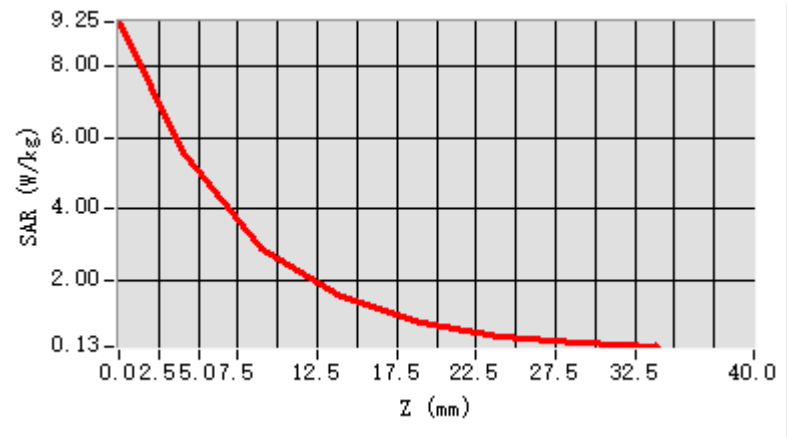
Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2450
Relative permittivity	39.14
Conductivity (S/m)	1.78
Probe	SN 08/21 EPGO352
ConvF	1.82
Crest factor:	1:1

**D. SAR 1g & 10g**

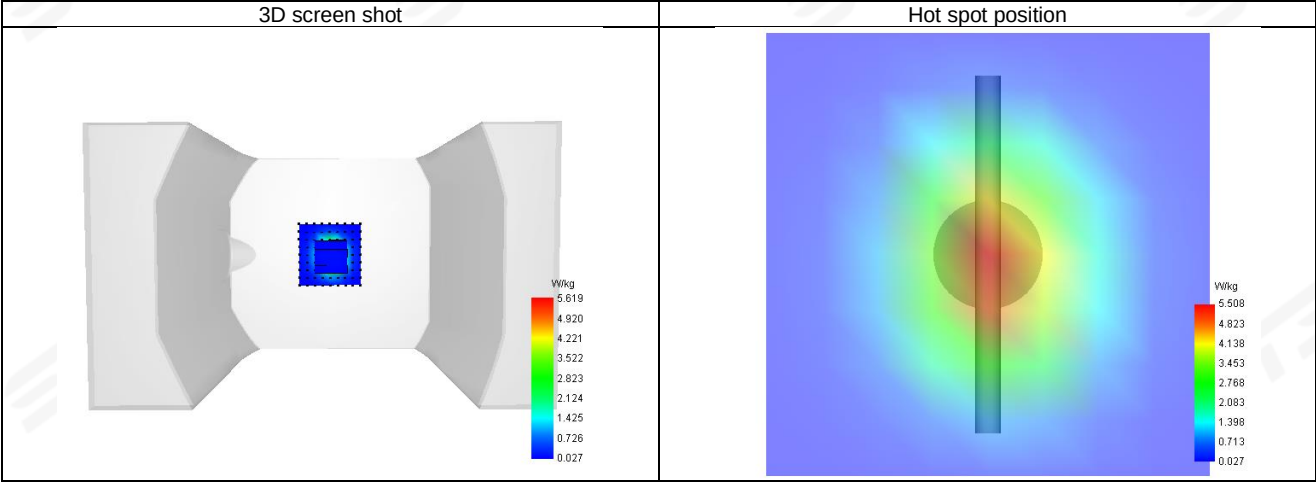
SAR 10g (W/Kg)	2.417
SAR 1g (W/Kg)	5.502
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.425952

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.252	5.619	2.890	1.554	0.821	0.433	0.229



F. 3D Image



System Performance Check Data(2600MHz)

Type: Phone measurement (Complete)

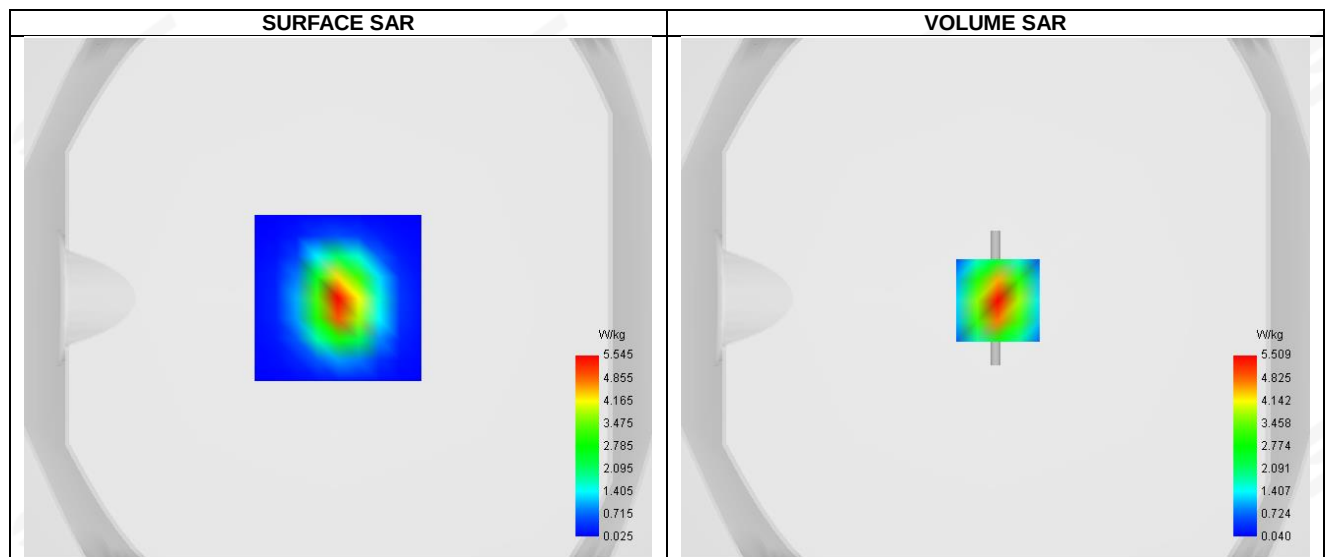
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-05-18

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2600
Relative permittivity	39.41
Conductivity (S/m)	1.91
Probe	SN 08/21 EPGO352
ConvF	1.70
Crest factor:	1:1



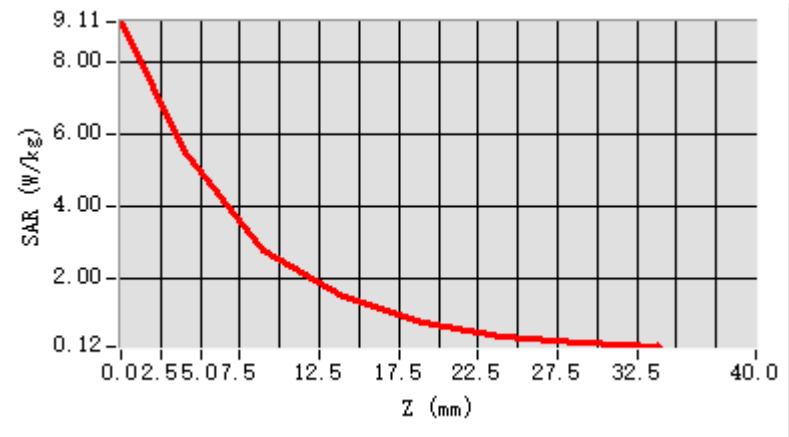
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 9.02 W/kg

D. SAR 1g & 10g

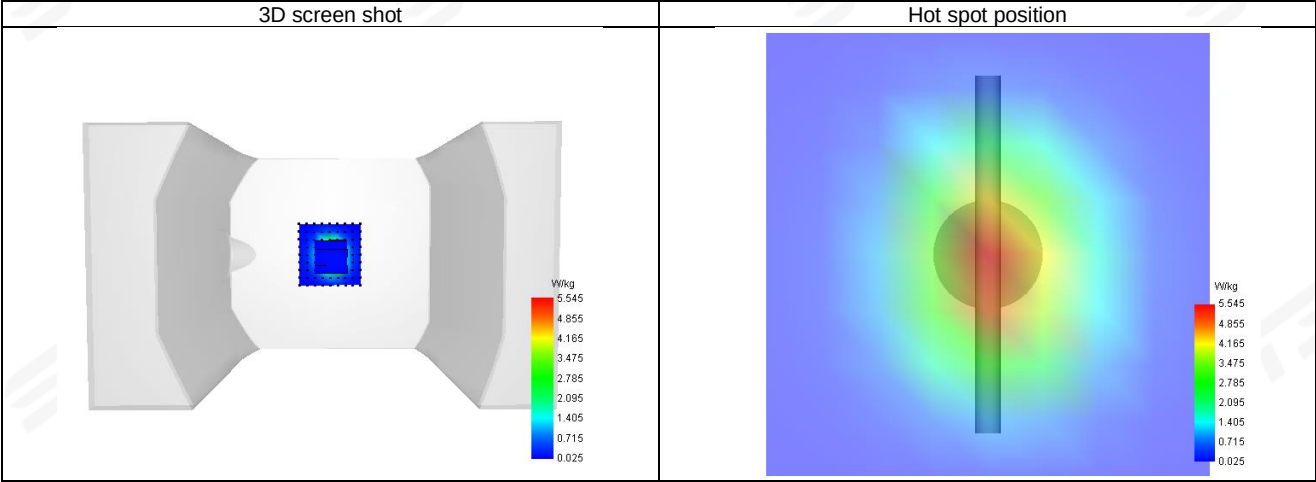
SAR 10g (W/Kg)	2.404
SAR 1g (W/Kg)	5.587
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.056495

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.114	5.509	2.813	1.509	0.793	0.417	0.219



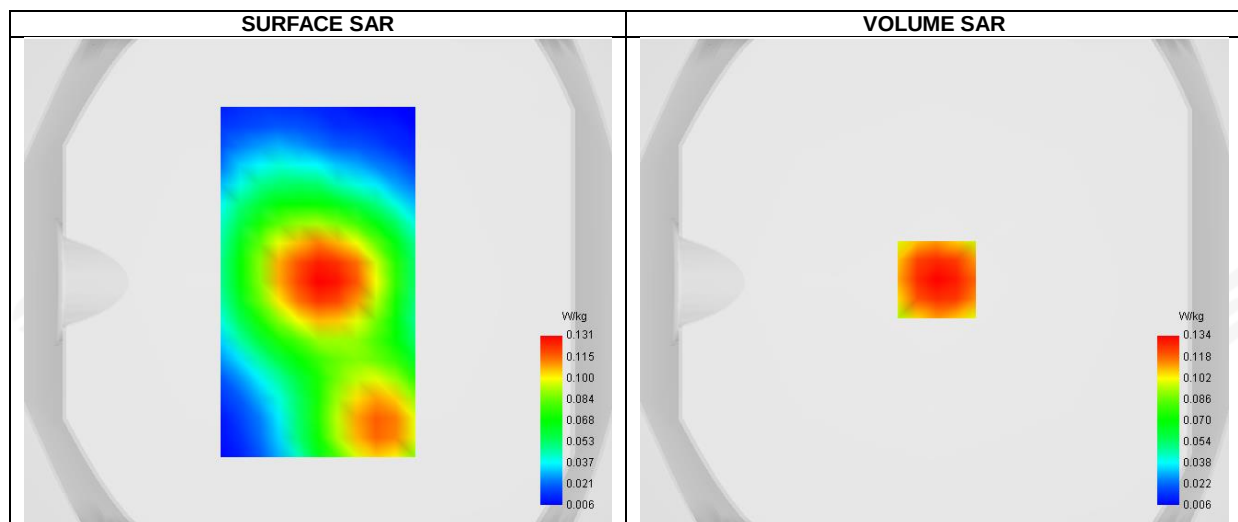
F. 3D Image



Appendix B. SAR Test Plots

Plot 1: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.73
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 2 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1860
Relative permittivity (real part)	40.65
Conductivity (S/m)	1.37



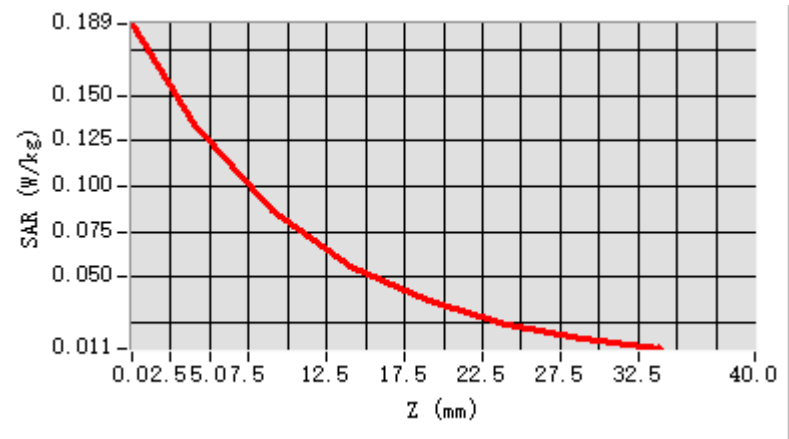
Maximum location: X=1.00, Y=1.00 ; SAR Peak: 0.19 W/kg

D. SAR 1g & 10g

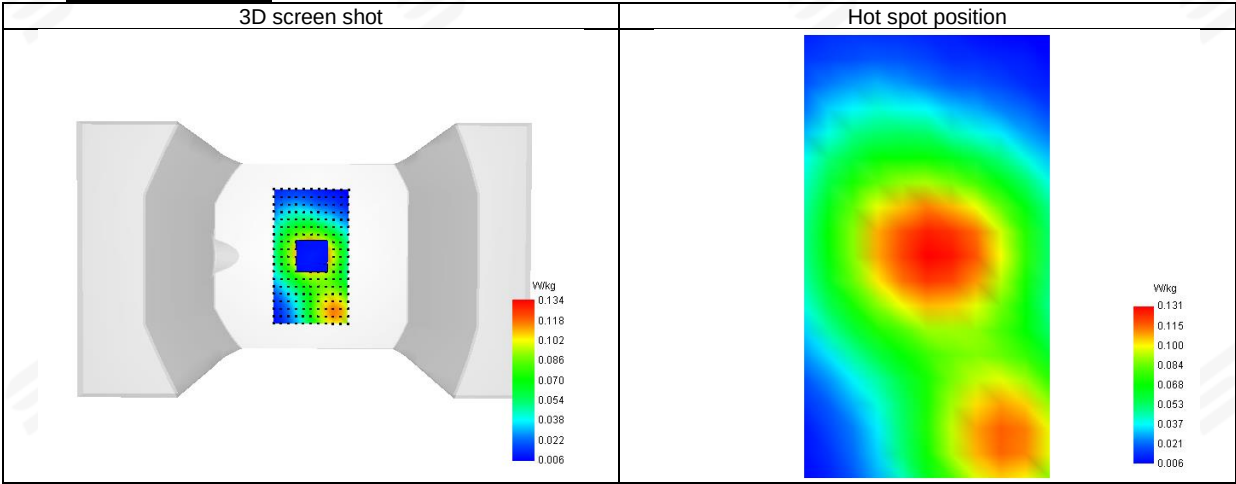
SAR 10g (W/Kg)	0.082
SAR 1g (W/Kg)	0.129
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.631154

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.189	0.134	0.087	0.055	0.037	0.024	0.016

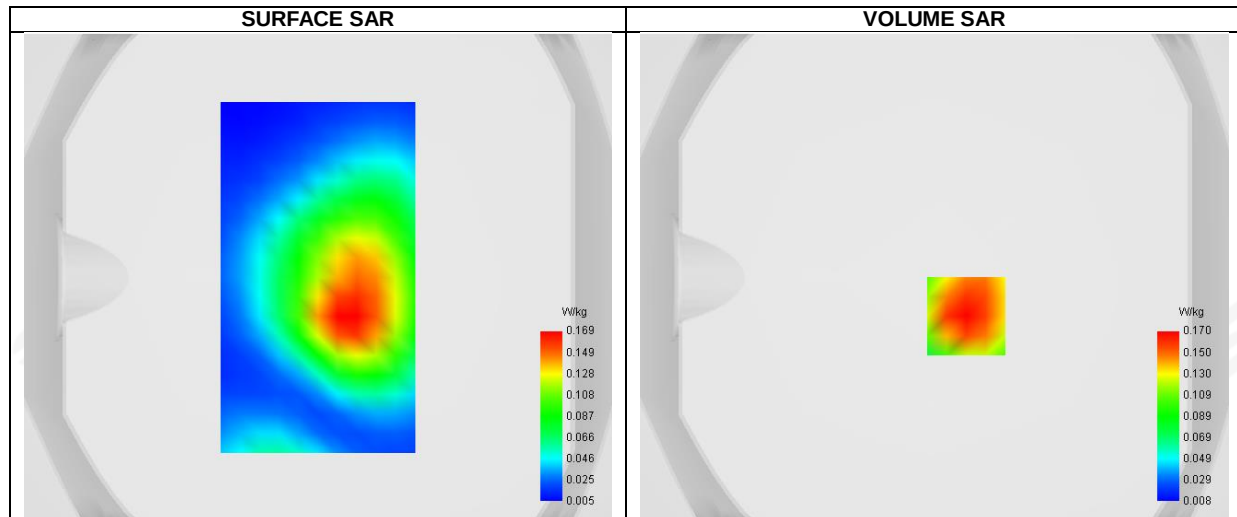


F. 3D Image



Plot 2: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.73
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 2 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1860
Relative permittivity (real part)	40.65
Conductivity (S/m)	1.37



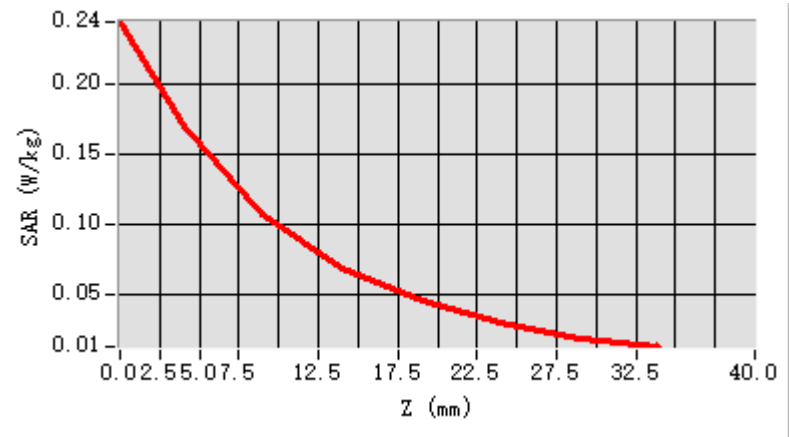
Maximum location: X=13.00, Y=-16.00 ; SAR Peak: 0.24 W/kg

D. SAR 1g & 10g

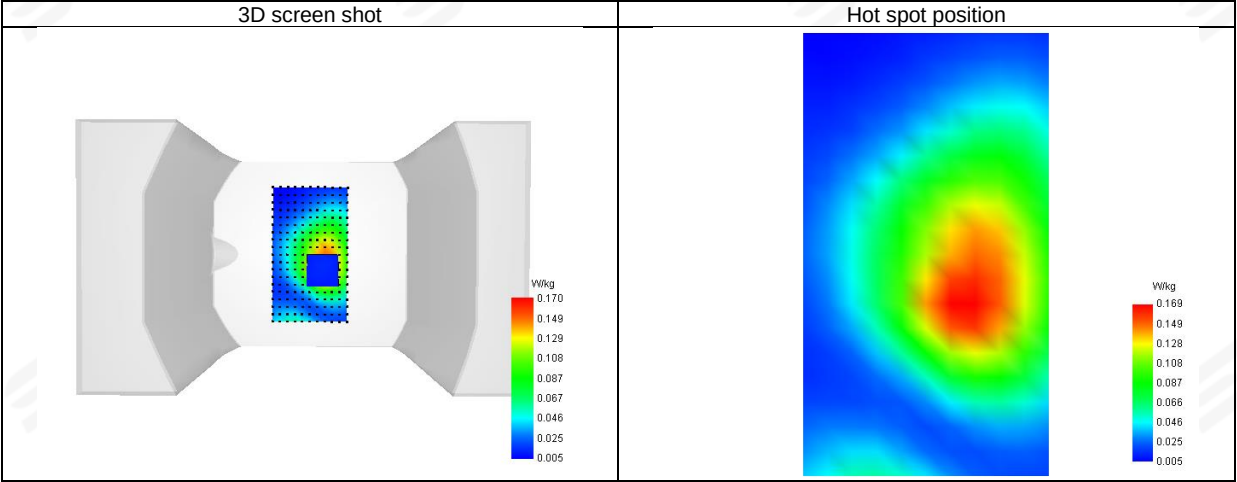
SAR 10g (W/Kg)	0.100
SAR 1g (W/Kg)	0.163
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	63.614839

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.245	0.170	0.108	0.069	0.046	0.030	0.019

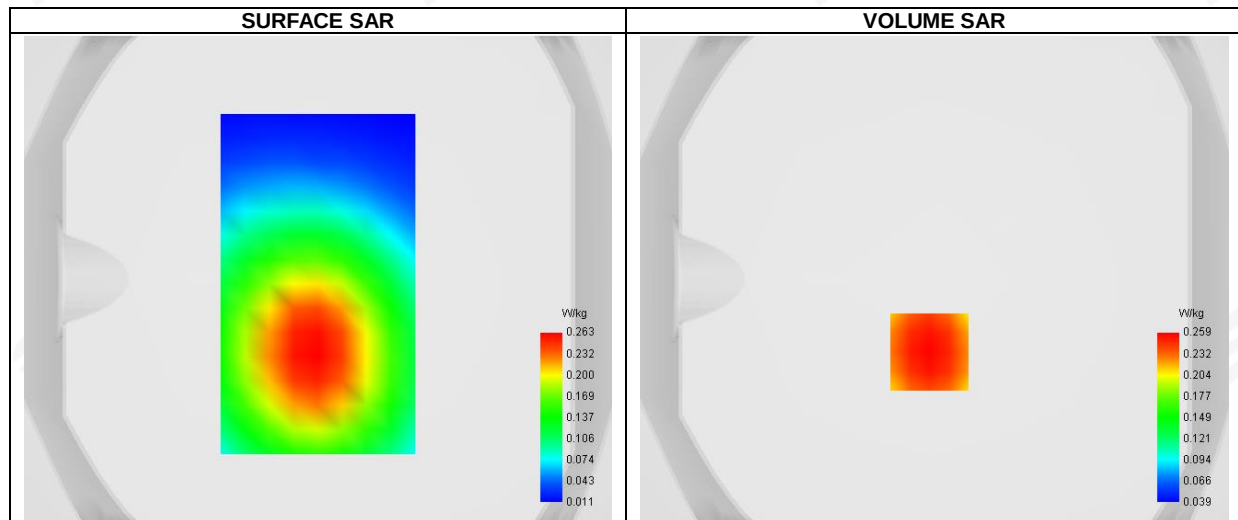


F. 3D Image



Plot 3: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.39
Conductivity (S/m)	0.93



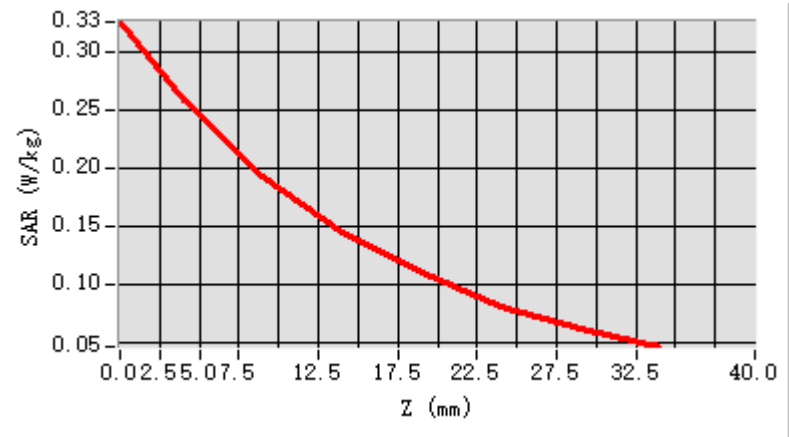
Maximum location: X=-2.00, Y=-30.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

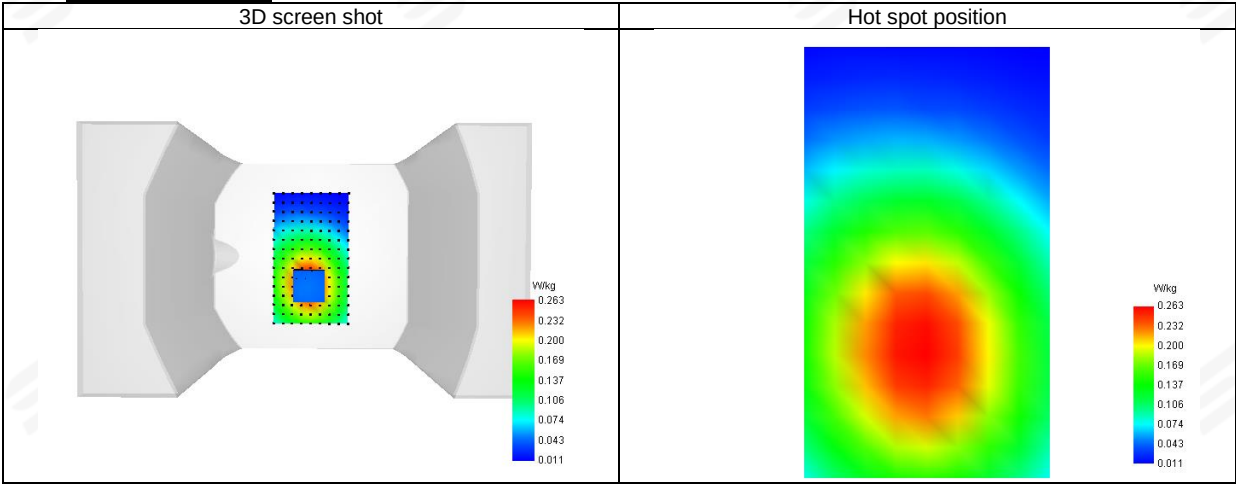
SAR 10g (W/Kg)	0.182
SAR 1g (W/Kg)	0.251
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	63.166235

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.327	0.259	0.194	0.146	0.110	0.082	0.062

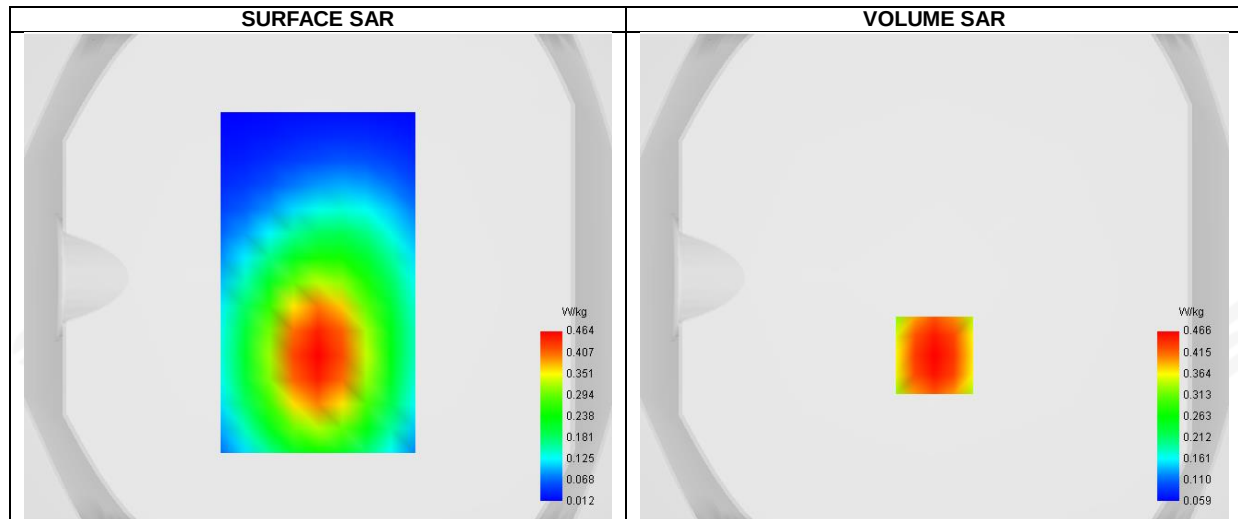


F. 3D Image



Plot 4: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.39
Conductivity (S/m)	0.93



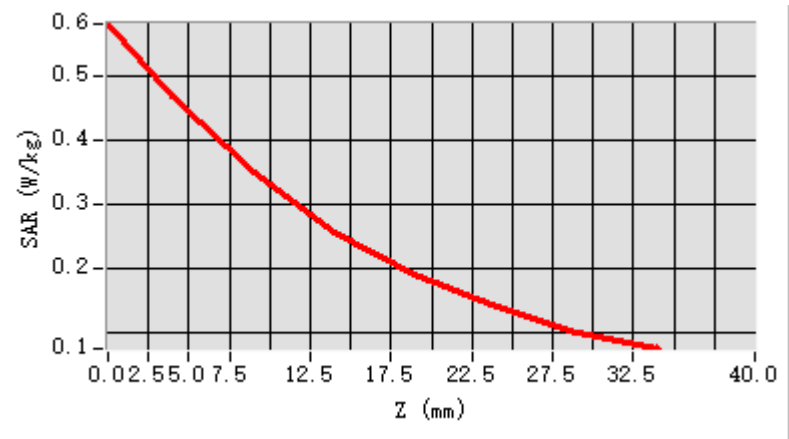
Maximum location: X=0.00, Y=-32.00 ; SAR Peak: 0.58 W/kg

D. SAR 1g & 10g

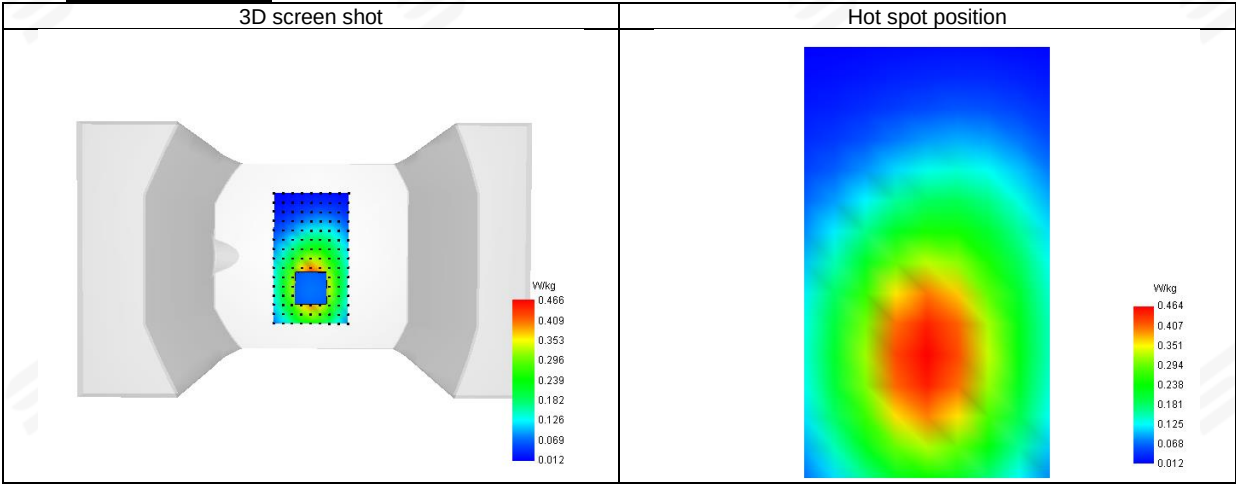
SAR 10g (W/Kg)	0.318
SAR 1g (W/Kg)	0.448
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	68.315866

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.580	0.466	0.351	0.257	0.189	0.140	0.101

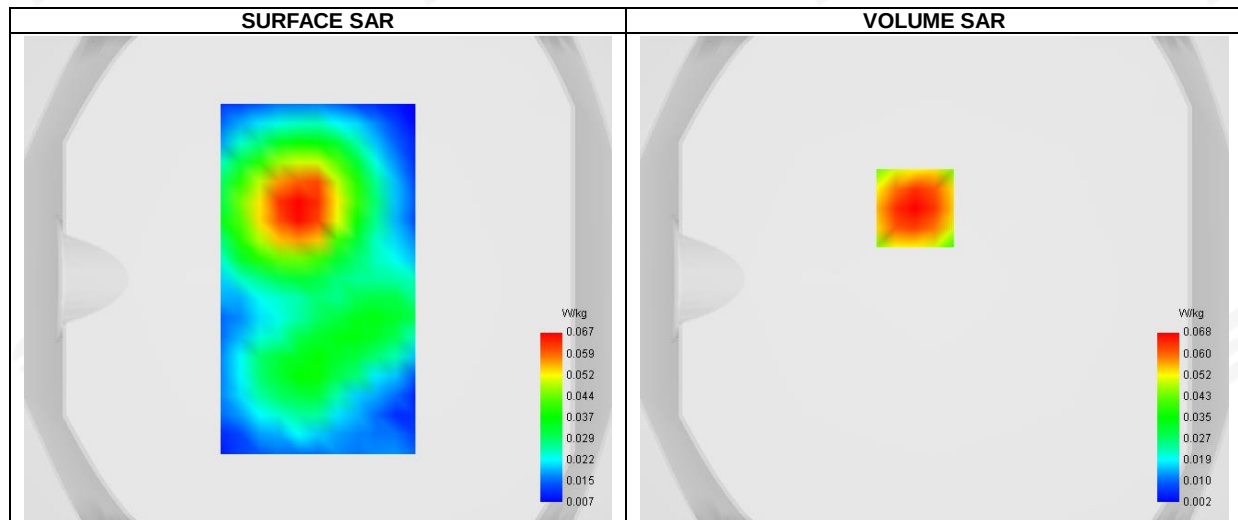


F. 3D Image



Plot 5: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2510
Relative permittivity (real part)	38.99
Conductivity (S/m)	1.83



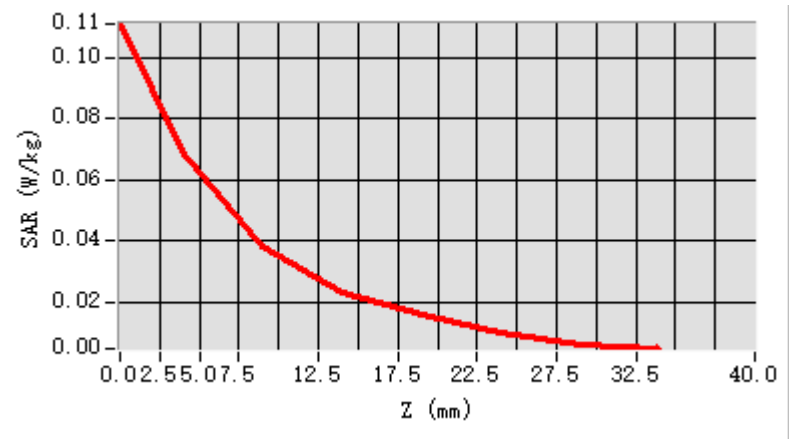
Maximum location: X=-8.00, Y=29.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

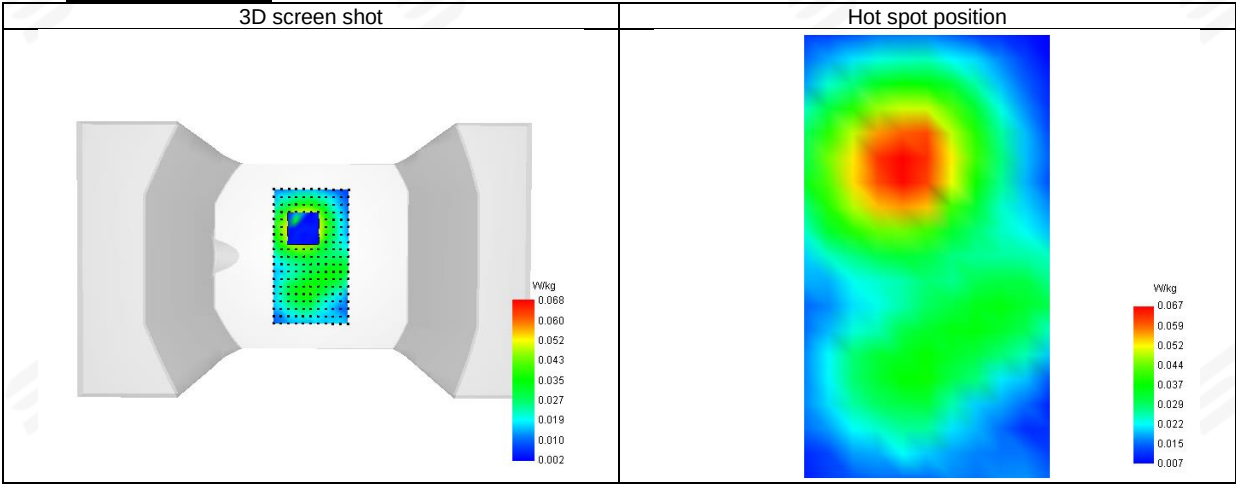
SAR 10g (W/Kg)	0.039
SAR 1g (W/Kg)	0.067
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	71.635849

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.111	0.068	0.038	0.023	0.016	0.010	0.006

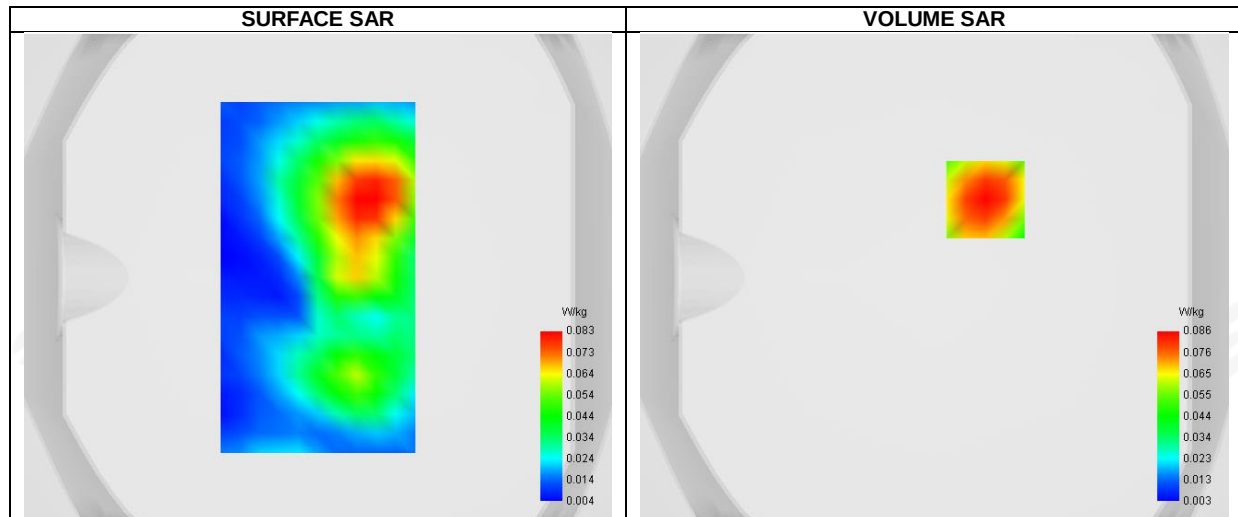


F. 3D Image



Plot 6: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2510
Relative permittivity (real part)	38.99
Conductivity (S/m)	1.83



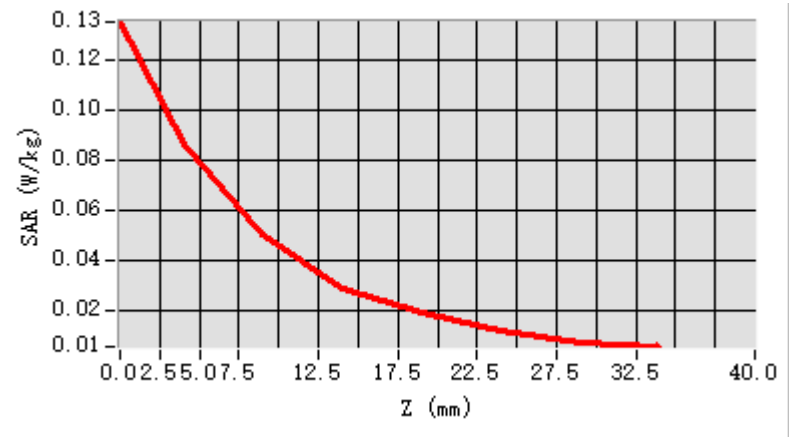
Maximum location: X=21.00, Y=32.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

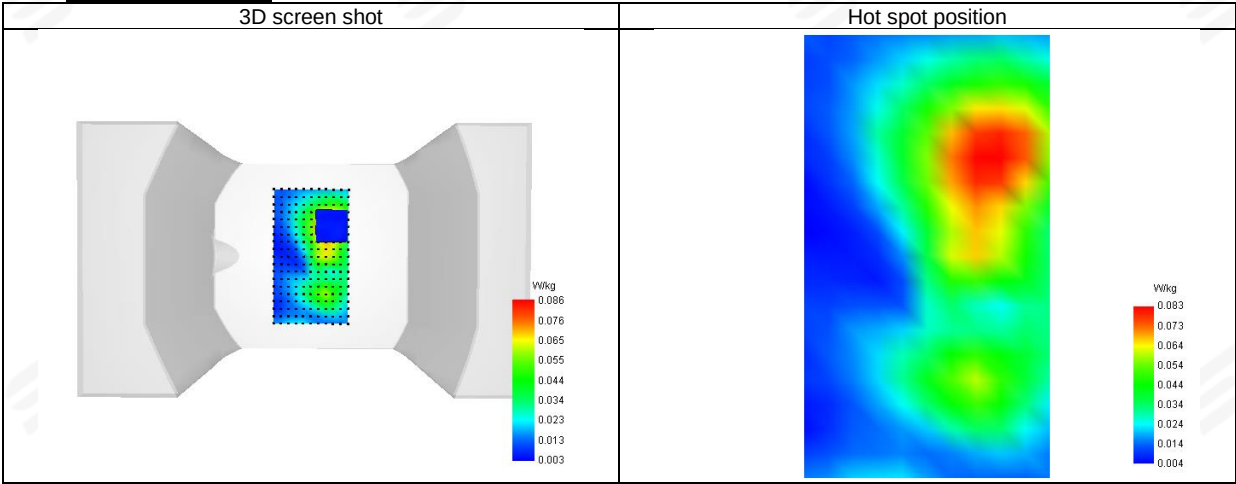
SAR 10g (W/Kg)	0.048
SAR 1g (W/Kg)	0.084
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	58.022868

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.135	0.086	0.050	0.028	0.019	0.012	0.007

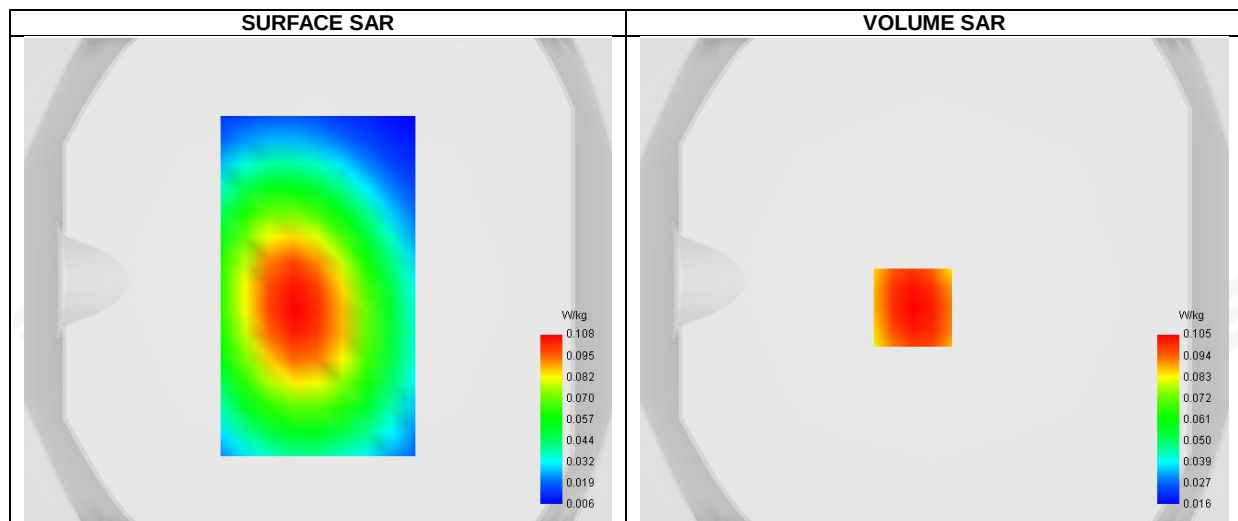


F. 3D Image



Plot 7: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 12/17 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	42.40
Conductivity (S/m)	0.92



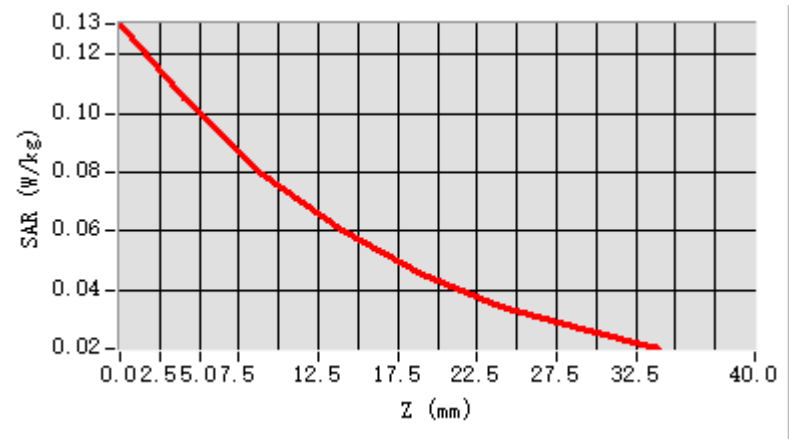
Maximum location: X=-9.00, Y=-11.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

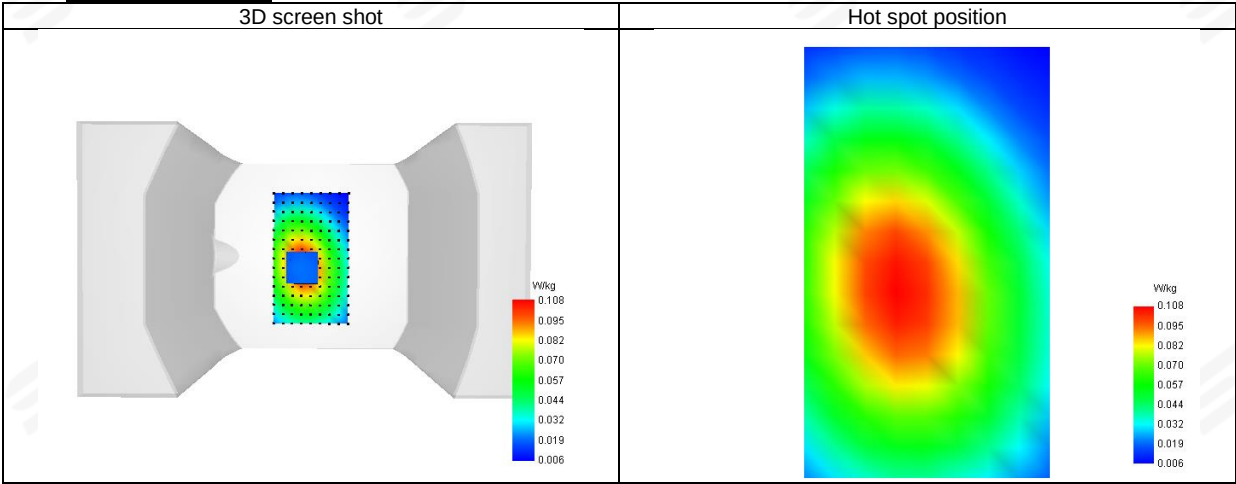
SAR 10g (W/Kg)	0.074
SAR 1g (W/Kg)	0.102
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	66.251447

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.130	0.105	0.079	0.060	0.045	0.035	0.027

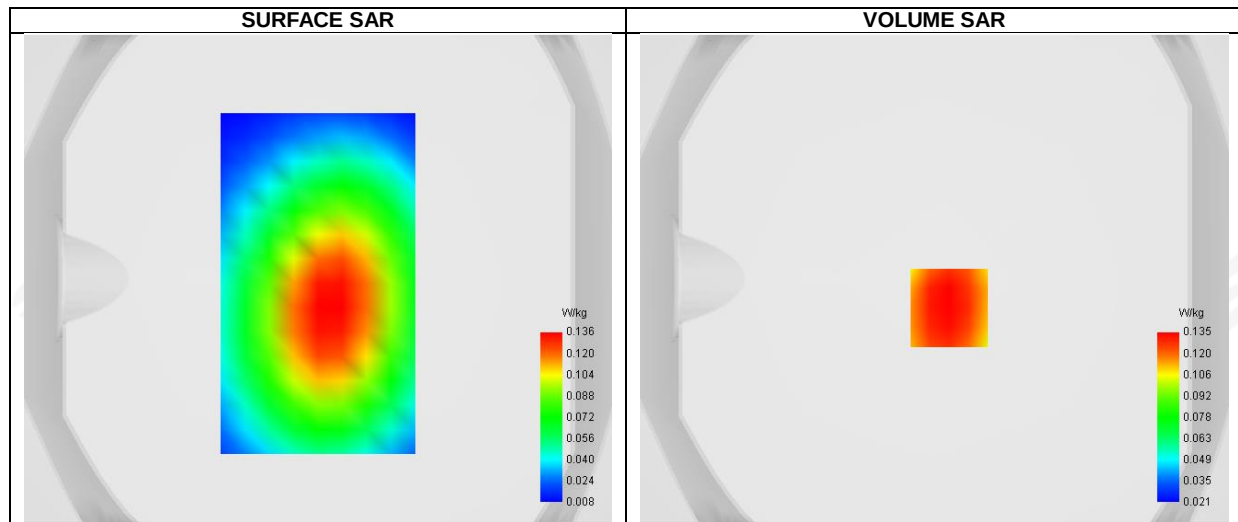


F. 3D Image



Plot 8: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	42.40
Conductivity (S/m)	0.92



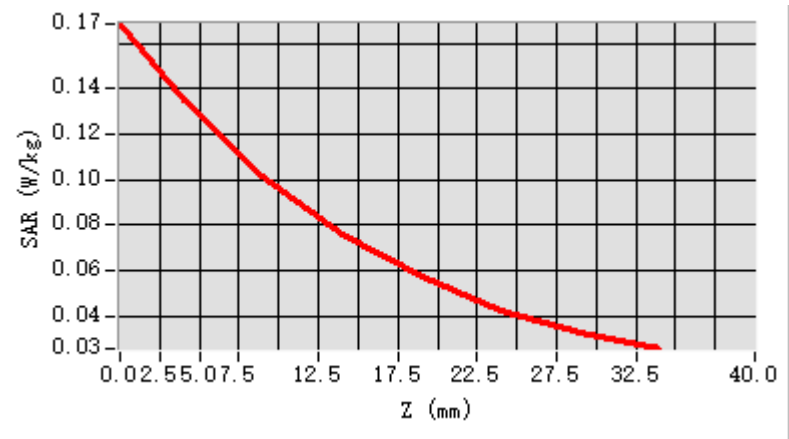
Maximum location: X=6.00, Y=-12.00 ; SAR Peak: 0.17 W/kg

D. SAR 1g & 10g

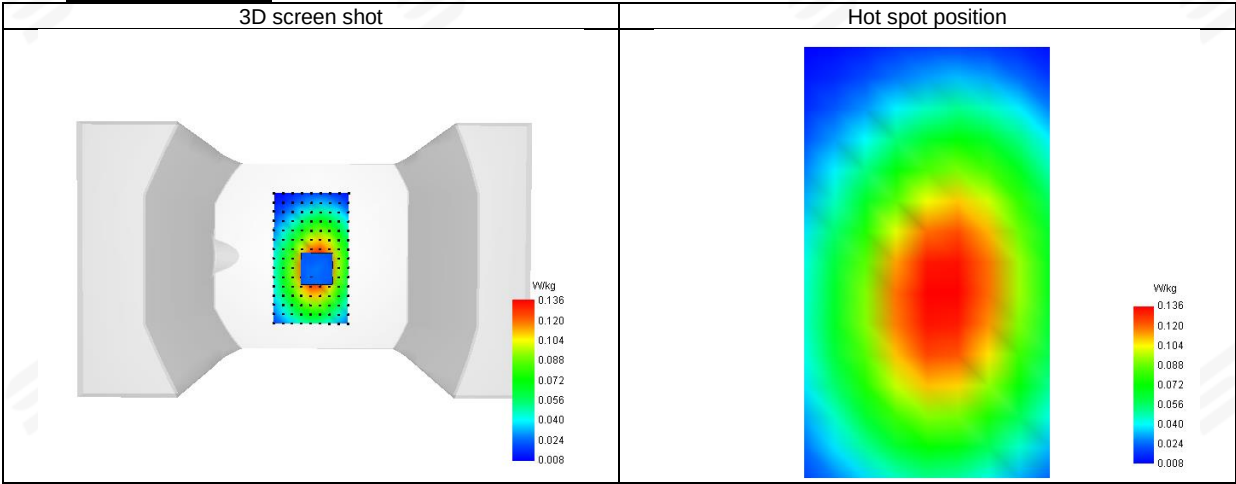
SAR 10g (W/Kg)	0.094
SAR 1g (W/Kg)	0.131
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	71.615148

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.168	0.135	0.102	0.076	0.057	0.042	0.033

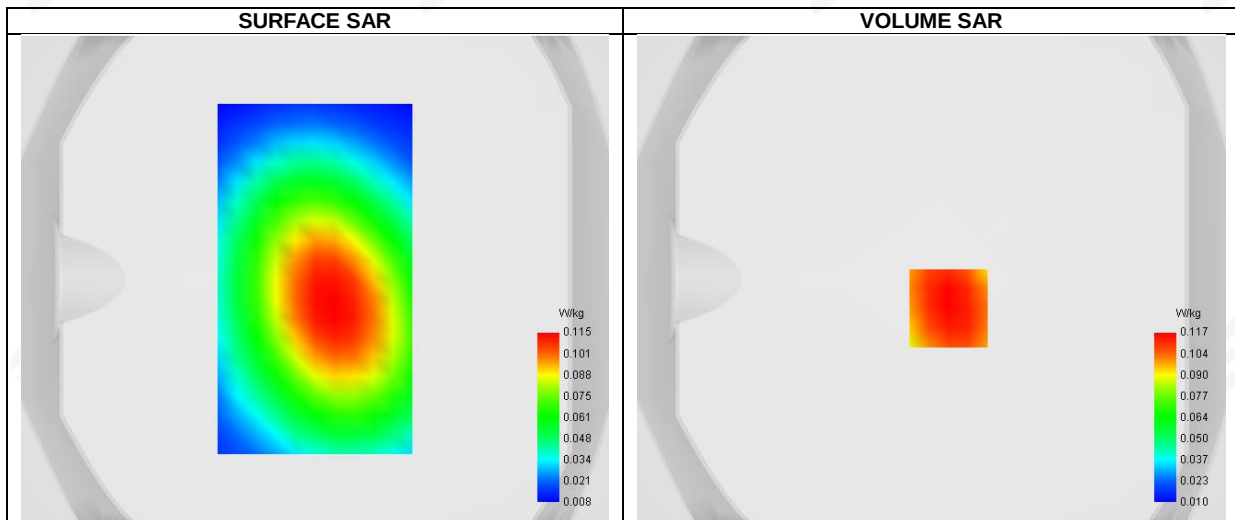


F. 3D Image



Plot 9: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 13 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	782
Relative permittivity (real part)	42.63
Conductivity (S/m)	0.89



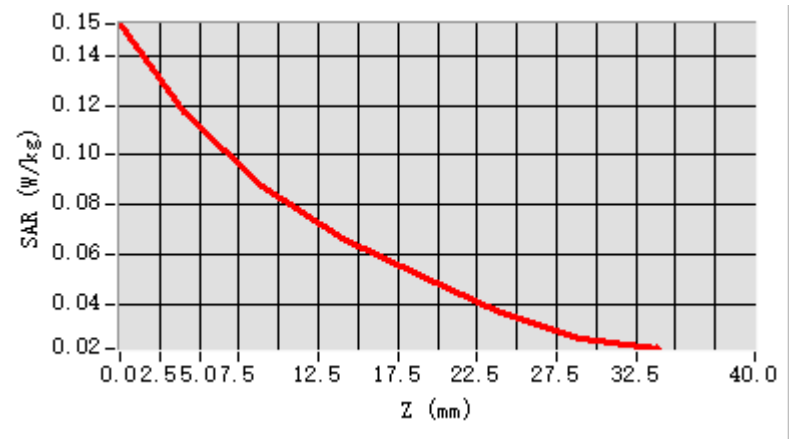
Maximum location: X=7.00, Y=-12.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

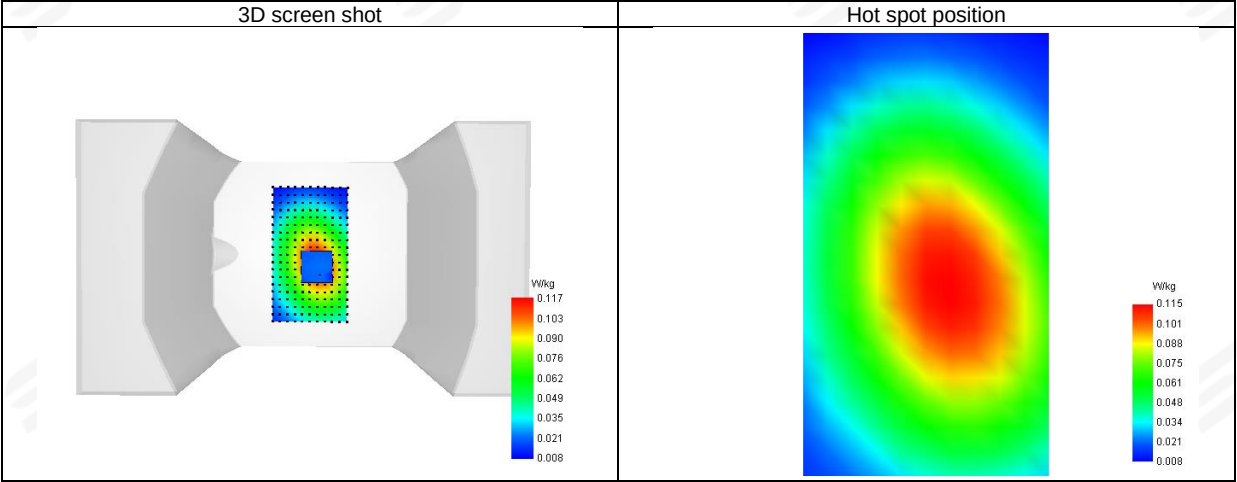
SAR 10g (W/Kg)	0.083
SAR 1g (W/Kg)	0.115
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	71.225186

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.153	0.117	0.088	0.067	0.052	0.037	0.026

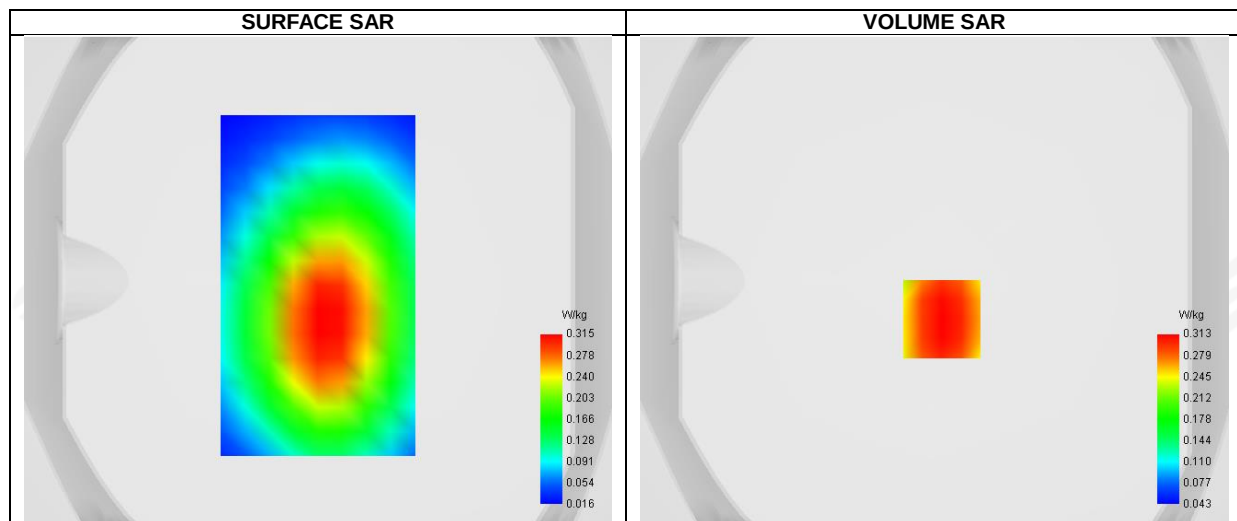


F. 3D Image



Plot 10: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 13 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	782
Relative permittivity (real part)	42.63
Conductivity (S/m)	0.89



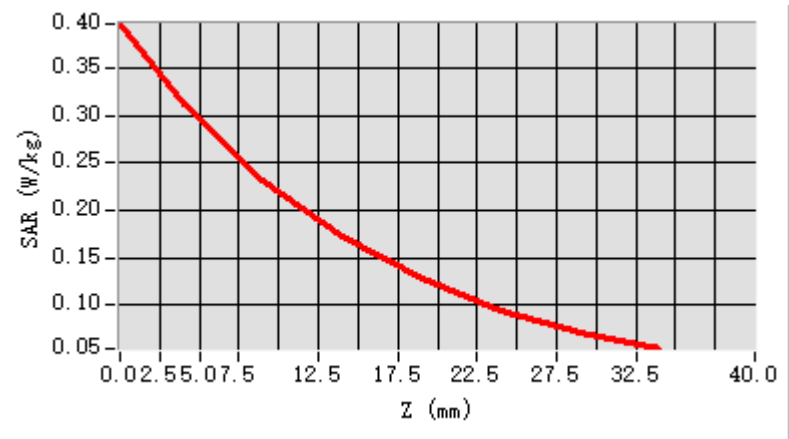
Maximum location: X=3.00, Y=-16.00 ; SAR Peak: 0.40 W/kg

D. SAR 1g & 10g

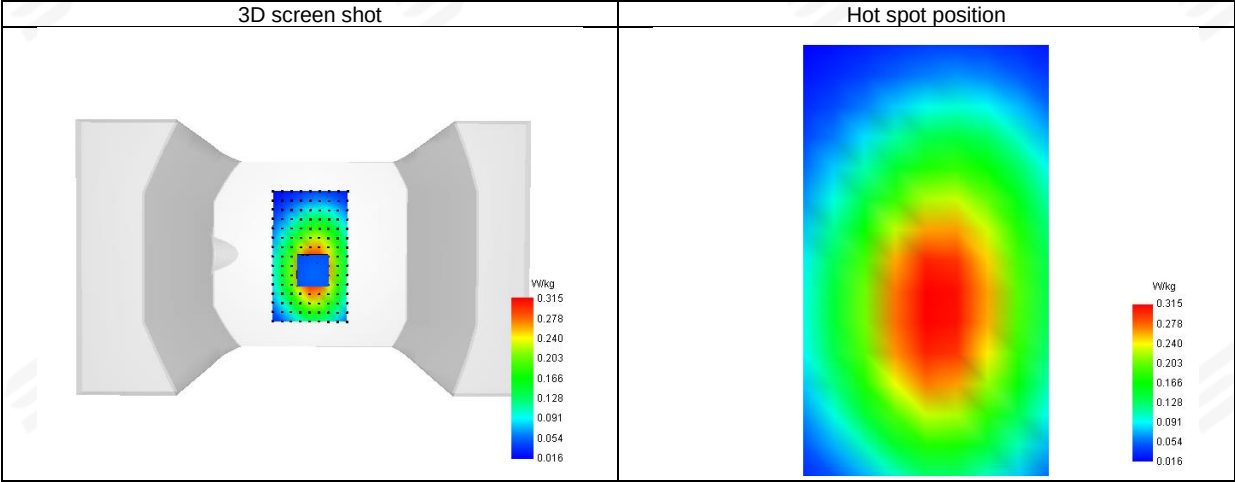
SAR 10g (W/Kg)	0.217
SAR 1g (W/Kg)	0.303
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.451744

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.397	0.313	0.232	0.173	0.128	0.094	0.071

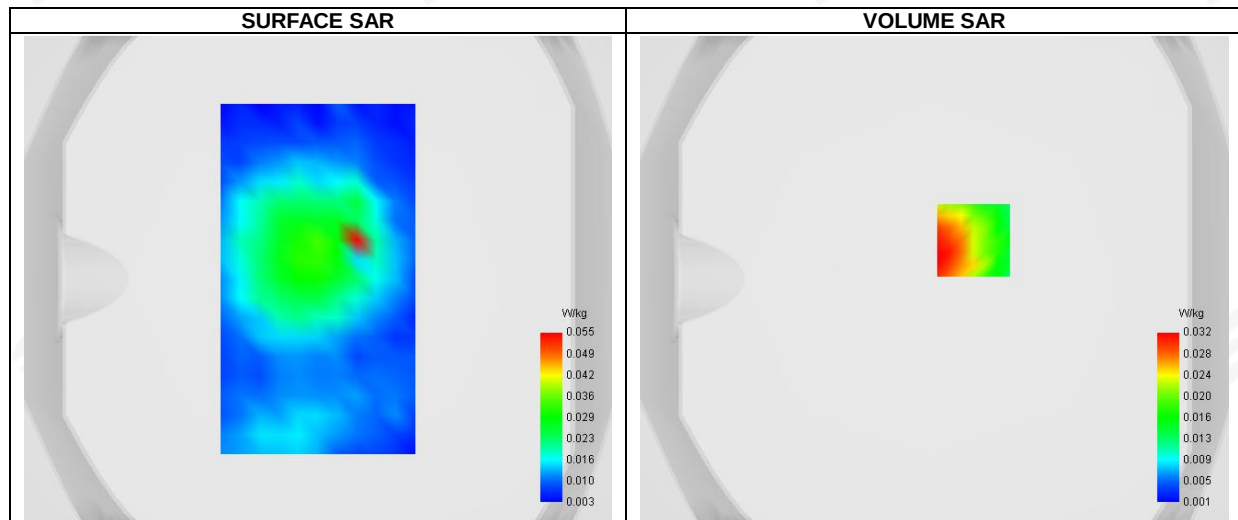


F. 3D Image



Plot 11: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 38 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2610
Relative permittivity (real part)	38.94
Conductivity (S/m)	1.90



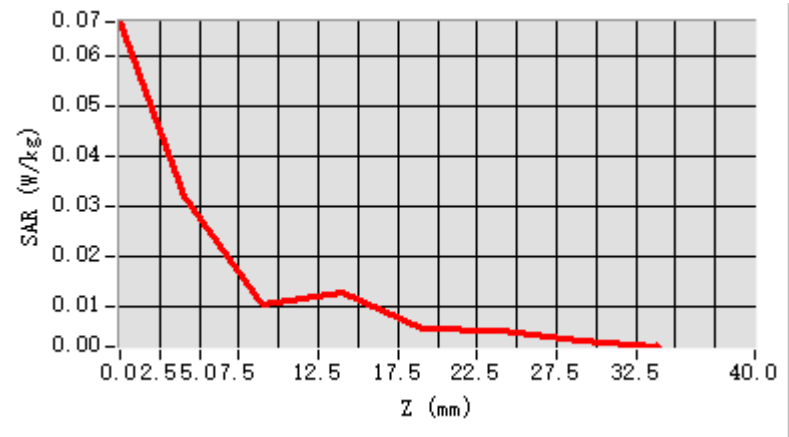
Maximum location: X=16.00, Y=16.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

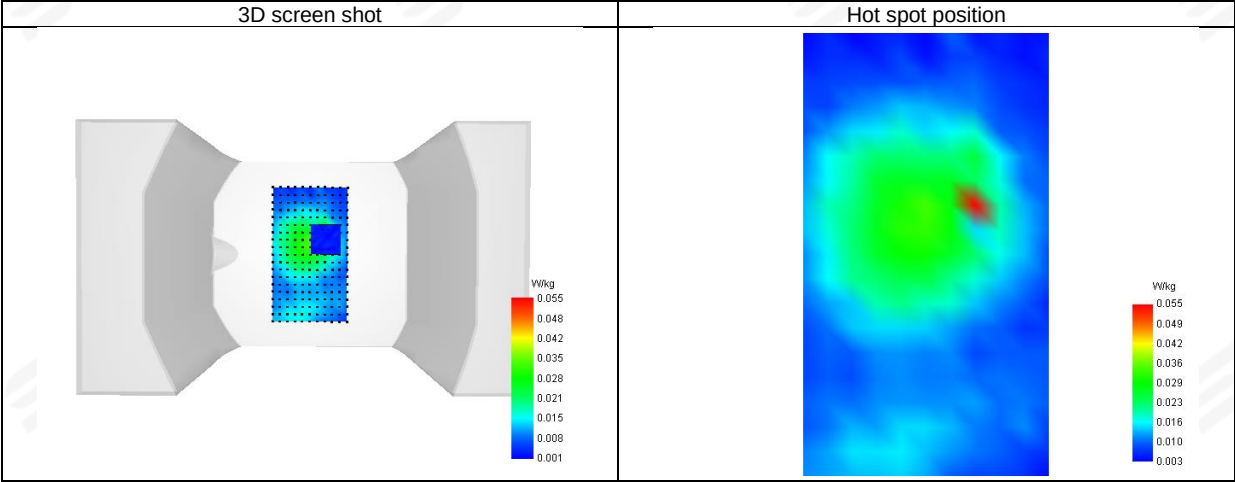
SAR 10g (W/Kg)	0.015
SAR 1g (W/Kg)	0.030
Horizontal validation criteria: minimum distance (mm)	25.495098
Vertical validation criteria: SAR ratio M2/M1 (%)	63.354911

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.067	0.032	0.010	0.013	0.006	0.005	0.003

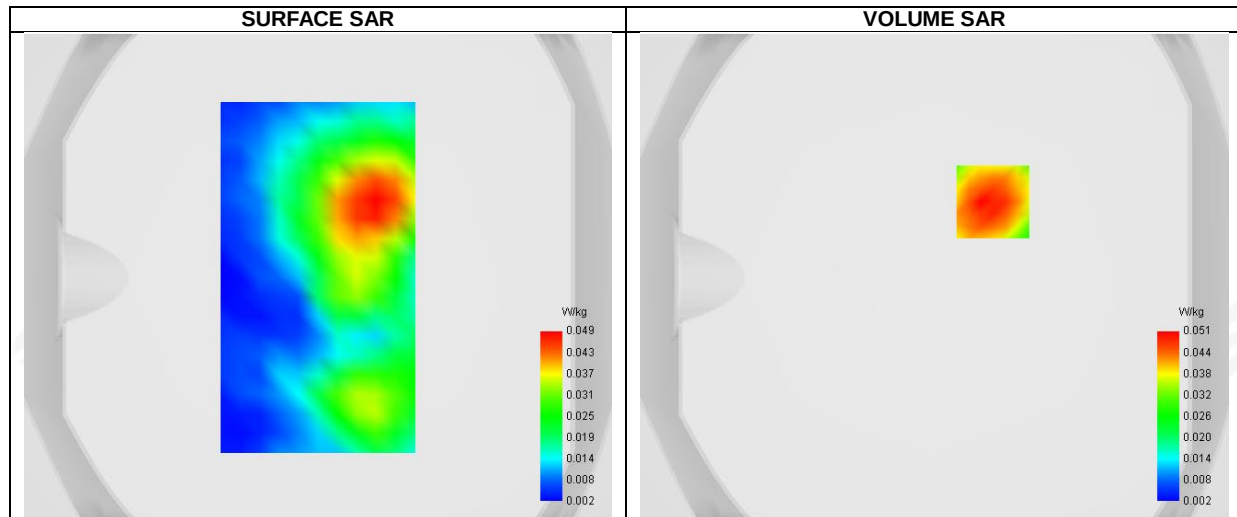


F. 3D Image



Plot 12 DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 38 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2610
Relative permittivity (real part)	38.94
Conductivity (S/m)	1.90



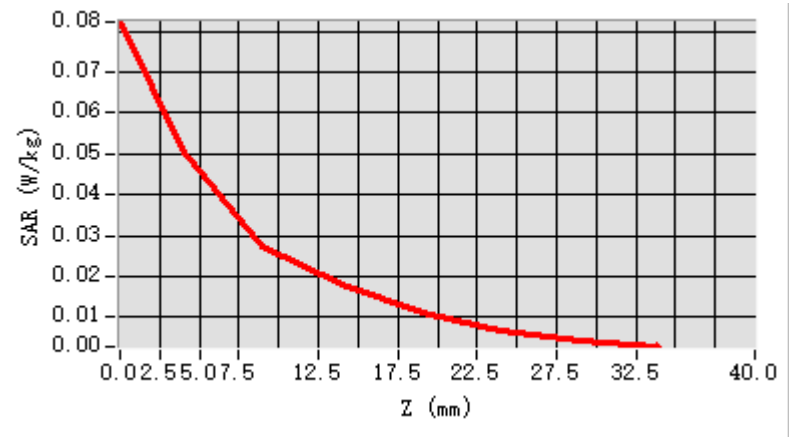
Maximum location: X=24.00, Y=31.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

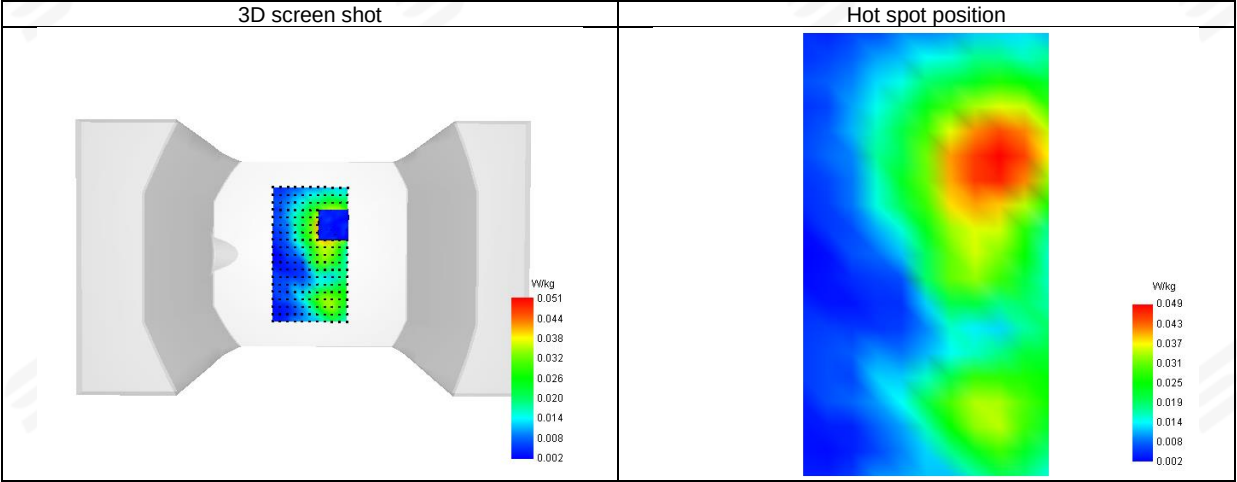
SAR 10g (W/Kg)	0.028
SAR 1g (W/Kg)	0.048
Variation (%)	0.420
Horizontal validation criteria: minimum distance (mm)	17.355154
Vertical validation criteria: SAR ratio M2/M1 (%)	61.326648

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.082	0.051	0.027	0.018	0.011	0.007	0.004

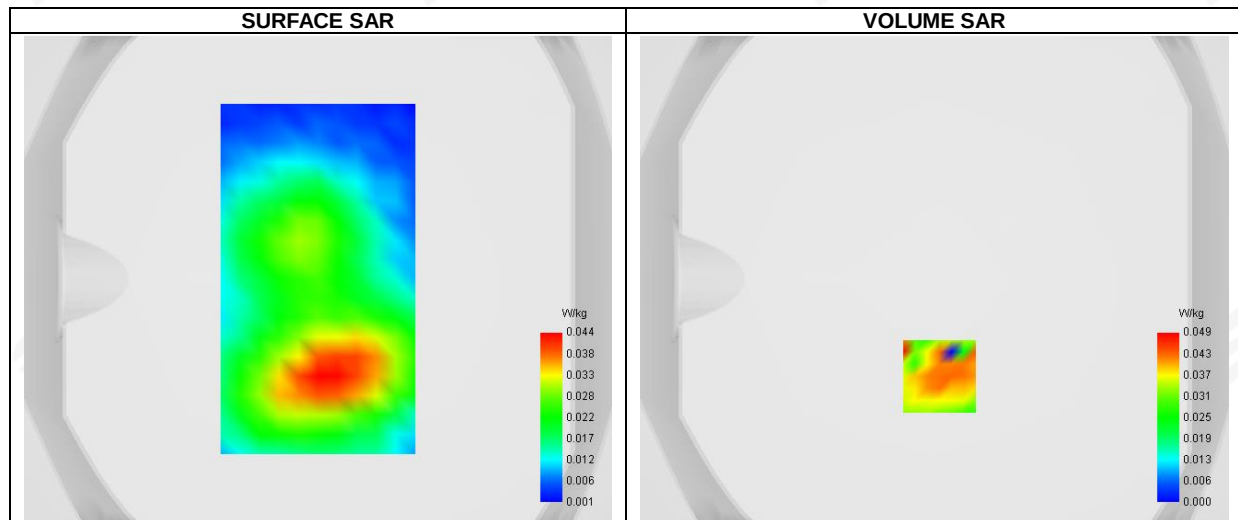


F. 3D Image



Plot 13: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 40(RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2350
Relative permittivity (real part)	39.40
Conductivity (S/m)	1.73



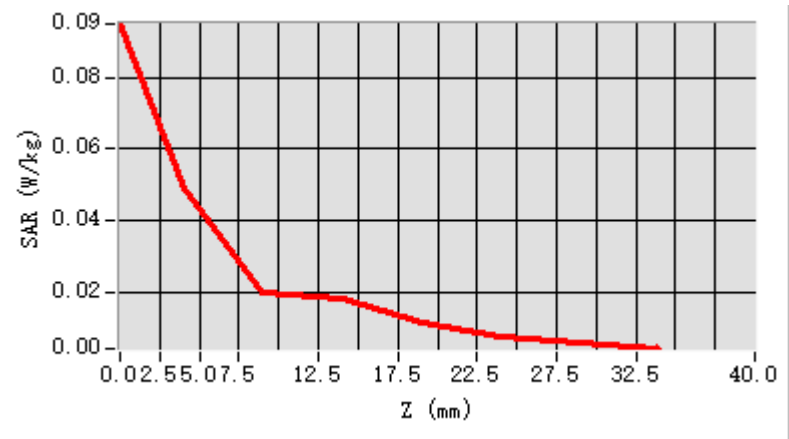
Maximum location: X=2.00, Y=-40.00 ; SAR Peak: 0.10 W/kg

D. SAR 1g & 10g

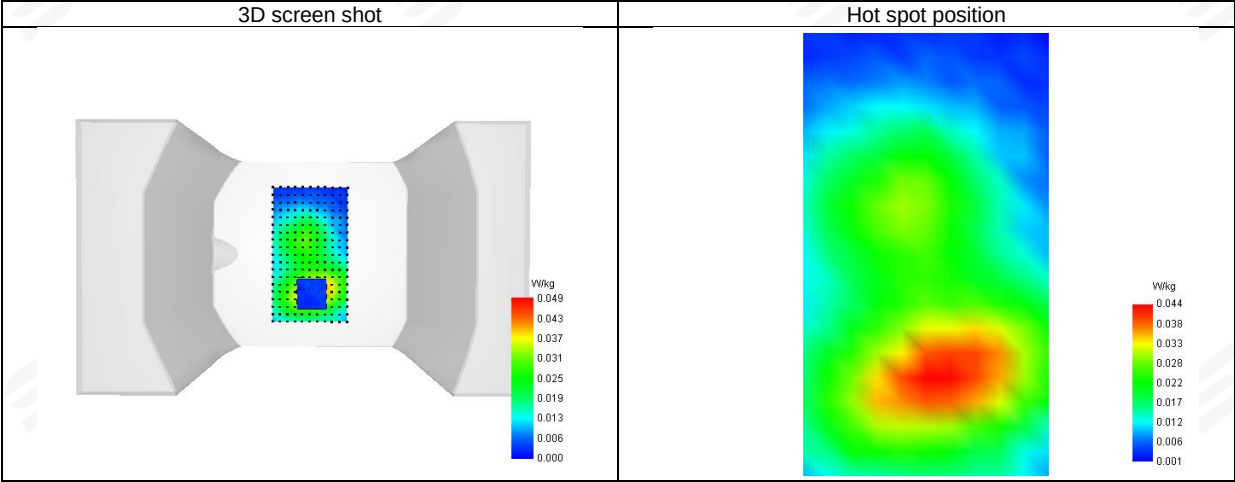
SAR 10g (W/Kg)	0.017
SAR 1g (W/Kg)	0.035
Horizontal validation criteria: minimum distance (mm)	20.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	63.529469

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.095	0.049	0.020	0.018	0.012	0.007	0.006

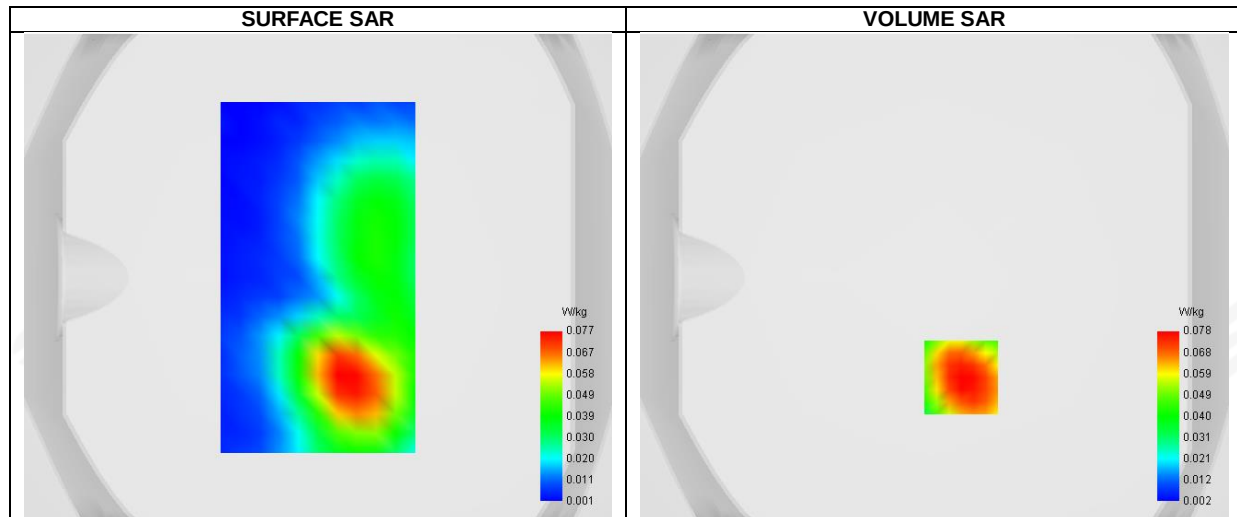


F. 3D Image



Plot 14: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.70
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 40 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2350
Relative permittivity (real part)	39.40
Conductivity (S/m)	1.73



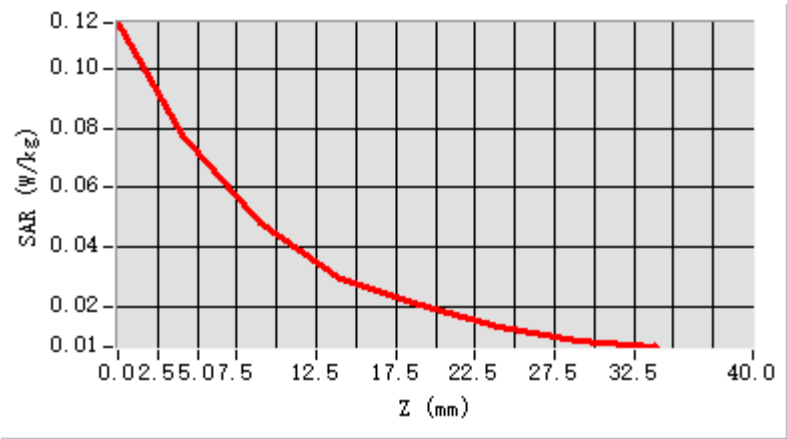
Maximum location: X=11.00, Y=-41.00 ; SAR Peak: 0.12 W/kg

D. SAR 1g & 10g

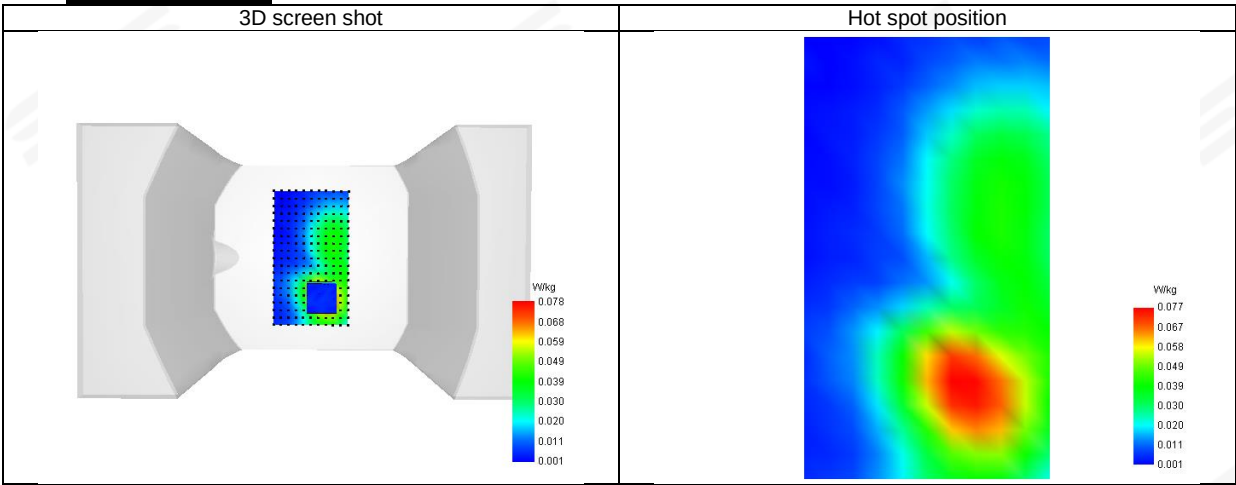
SAR 10g (W/Kg)	0.044
SAR 1g (W/Kg)	0.075
Horizontal validation criteria: minimum distance (mm)	21.213203
Vertical validation criteria: SAR ratio M2/M1 (%)	62.941958

. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.116	0.078	0.048	0.029	0.020	0.013	0.009

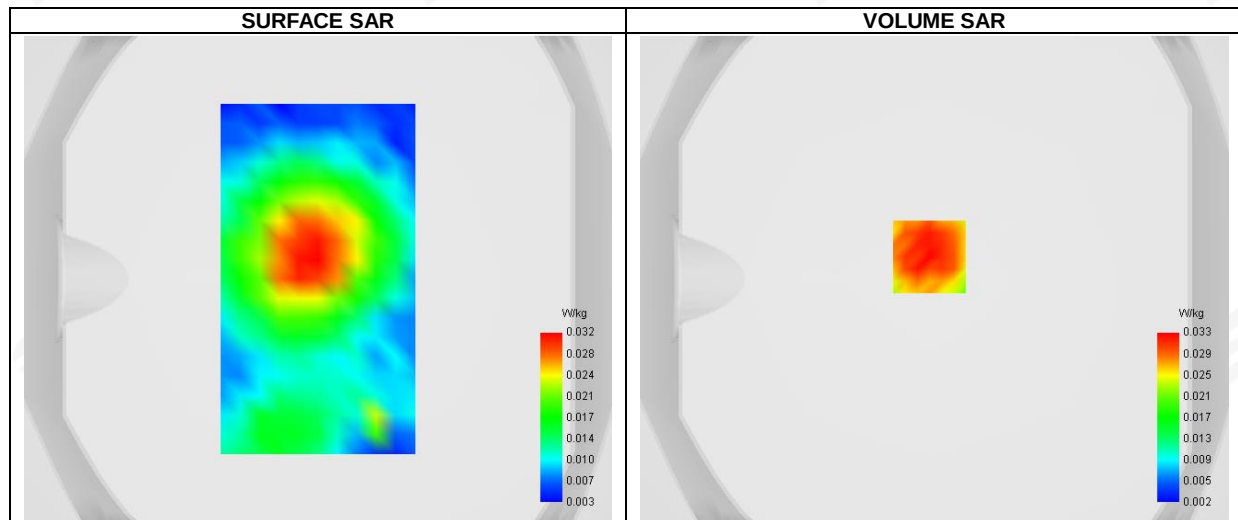


F. 3D Image



Plot 15: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 41 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2680
Relative permittivity (real part)	39.11
Conductivity (S/m)	2.10



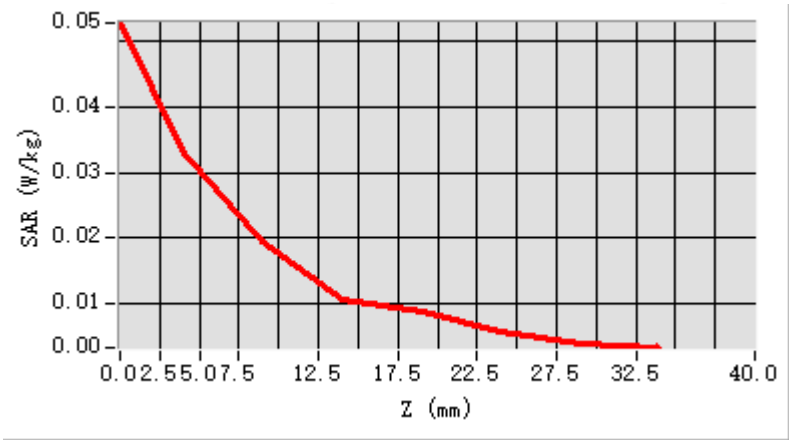
Maximum location: X=-2.00, Y=9.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

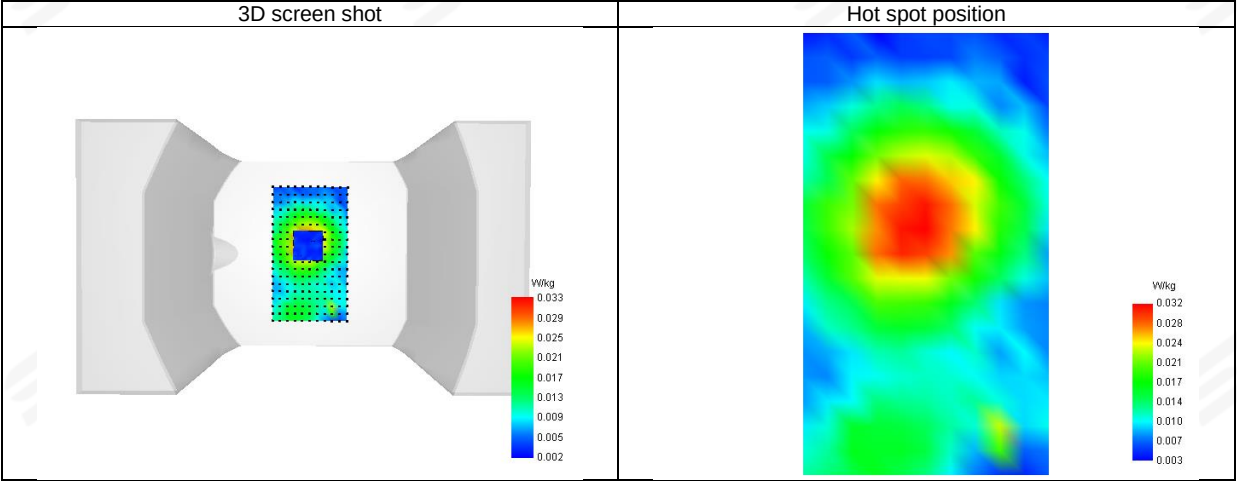
SAR 10g (W/Kg)	0.018
SAR 1g (W/Kg)	0.031
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.147785

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.053	0.033	0.019	0.011	0.009	0.006	0.004

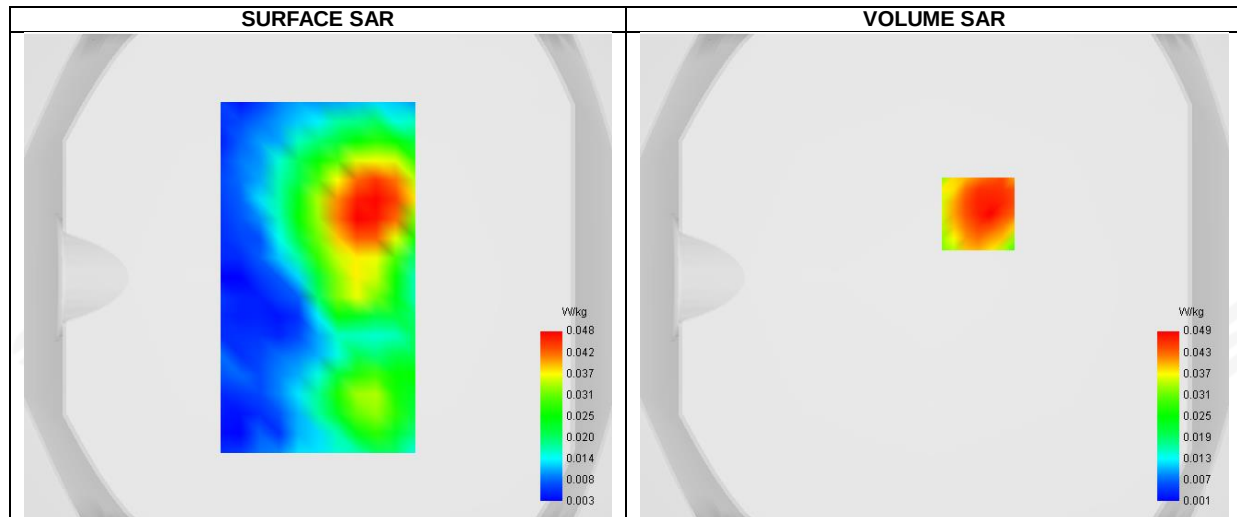


F. 3D Image



Plot 16: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-18
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 41 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2680
Relative permittivity (real part)	39.11
Conductivity (S/m)	2.10



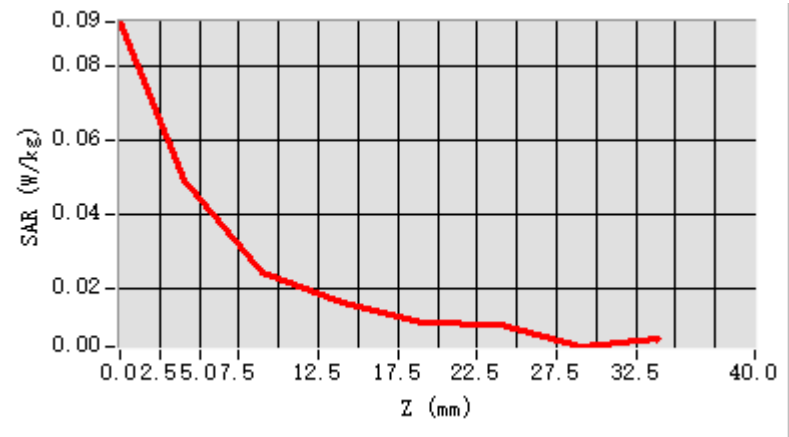
Maximum location: X=18.00, Y=26.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

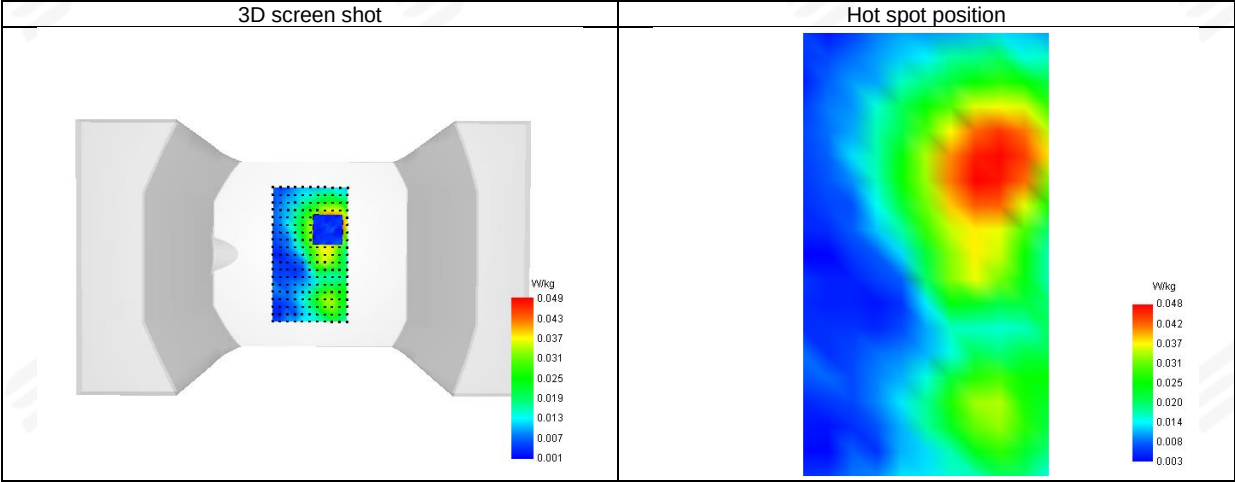
SAR 10g (W/Kg)	0.025
SAR 1g (W/Kg)	0.047
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.315881

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.092	0.049	0.024	0.016	0.011	0.011	0.005

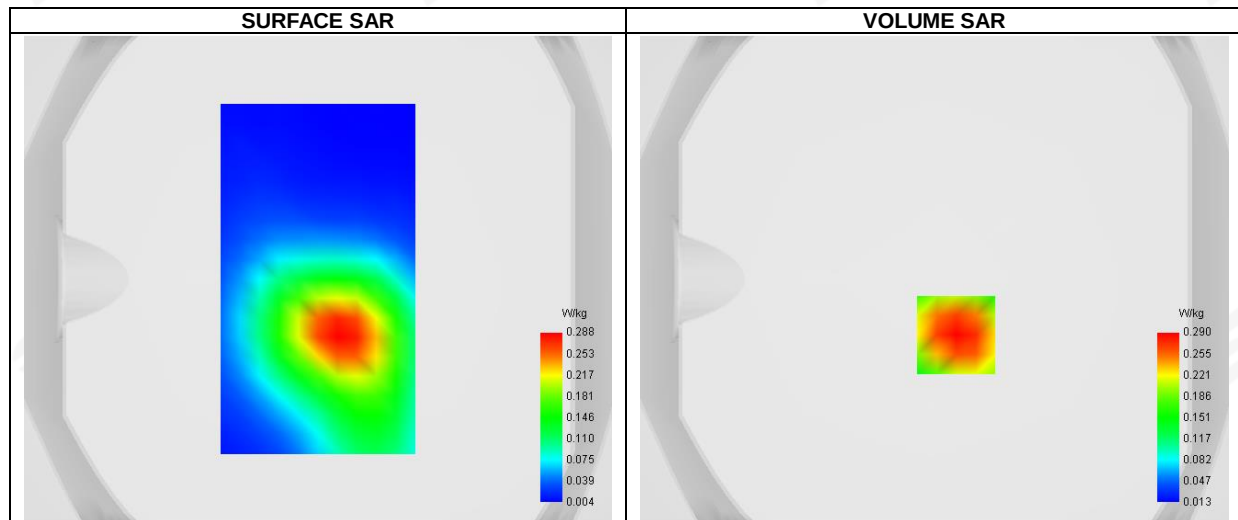


F. 3D Image



Plot 17: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 66/4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1720
Relative permittivity (real part)	40.25
Conductivity (S/m)	1.34



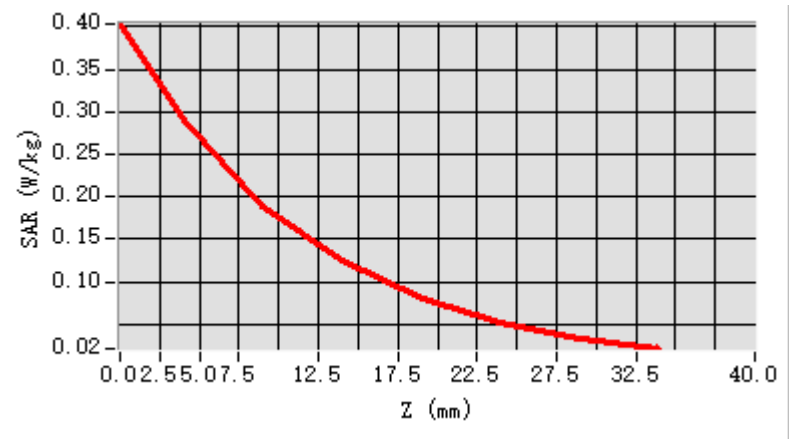
Maximum location: X=9.00, Y=-23.00 ; SAR Peak: 0.40 W/kg

D. SAR 1g & 10g

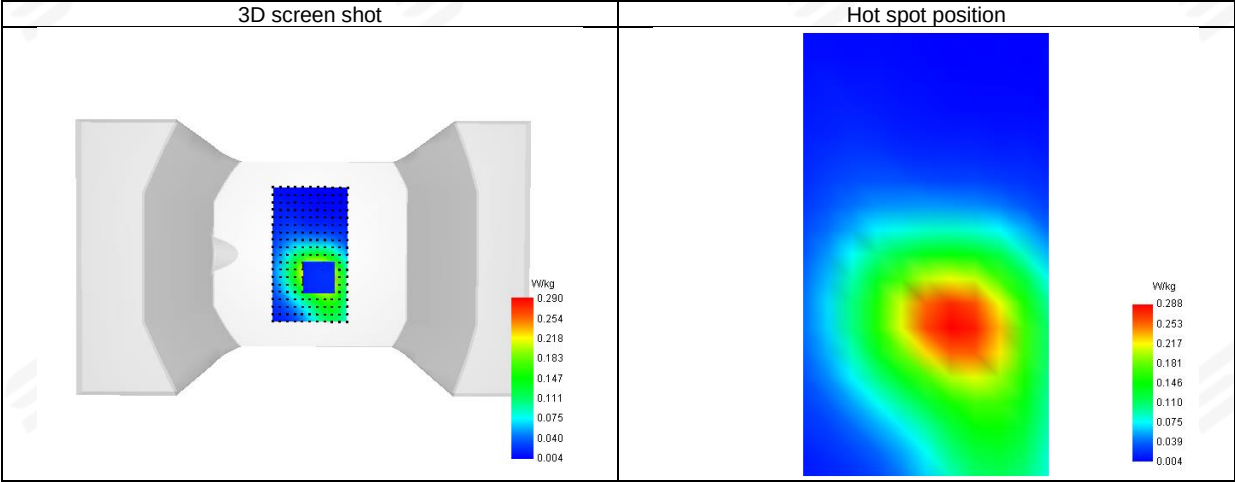
SAR 10g (W/Kg)	0.173
SAR 1g (W/Kg)	0.277
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	65.225148

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.403	0.290	0.189	0.124	0.080	0.052	0.034

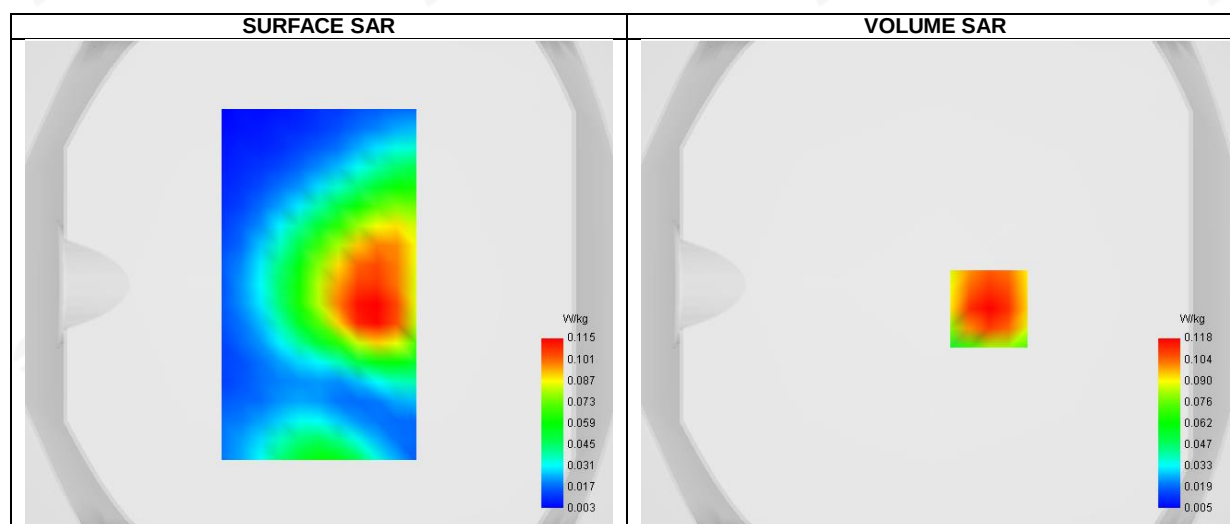


F. 3D Image



Plot 18: DUT: 4G Poc Radio ; EUT Model: N580

Test Date	2026-05-17
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back+Clip side
Band	LTE Band 66/4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1720
Relative permittivity (real part)	40.25
Conductivity (S/m)	1.34



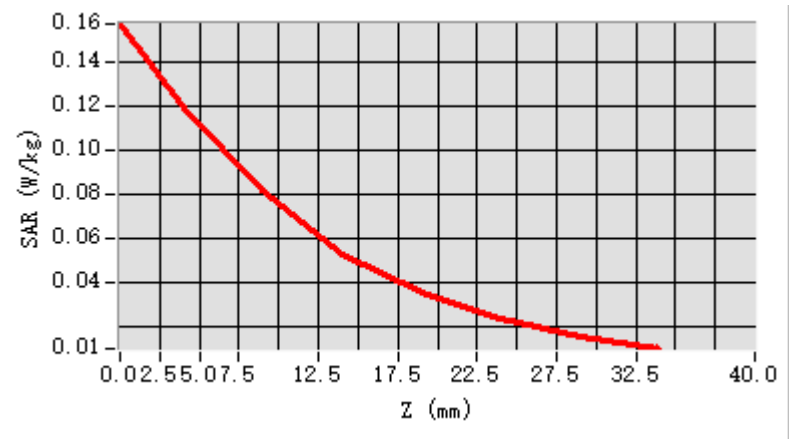
Maximum location: X=22.00, Y=-10.00 ; SAR Peak: 0.16 W/kg

D. SAR 1g & 10g

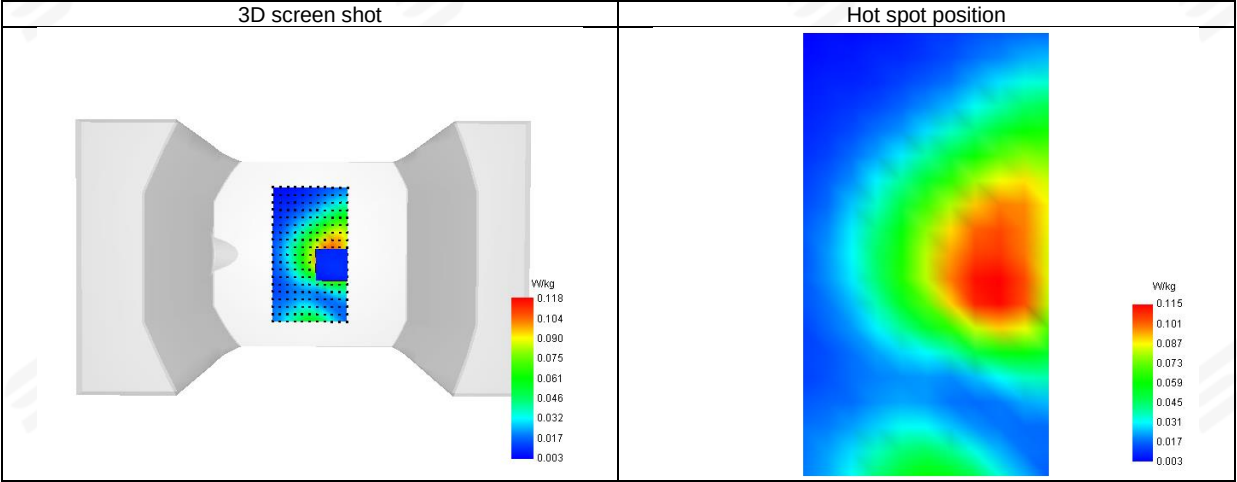
SAR 10g (W/Kg)	0.071
SAR 1g (W/Kg)	0.113
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.785779

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.157	0.118	0.081	0.053	0.036	0.024	0.016



F. 3D Image



Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※END OF THE REPORT※※※※