

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	38000/2595	20M QPSK(1,0)	0.168	0.084	-3.37	24.30	24.50	0.176	2025/8/07	
Back Side	38000/2595	20M QPSK(1,0)	0.271	0.138	2.51	24.30	24.50	0.284	2025/8/07	30#
50%RB										

Front Side	38000/2595	20M QPSK(50,0)	0.088	0.047	0.10	22.60	23.50	0.108	2025/8/07	
Back Side	38000/2595	20M QPSK(50,0)	0.157	0.069	-0.73	22.60	23.50	0.193	2025/8/07	

NOTE: Body-Worn SAR test results of LTE Band 38

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	38000/2595	20M QPSK(1,0)	0.168	0.084	-3.37	24.30	24.50	0.176	2025/8/07	
Back Side	38000/2595	20M QPSK(1,0)	0.271	0.138	2.51	24.30	24.50	0.284	2025/8/07	30#
Left Side	38000/2595	20M QPSK(1,0)	0.124	0.062	-0.80	24.30	24.50	0.130	2025/8/07	
Right Side	38000/2595	20M QPSK(1,0)	0.032	0.016	-0.87	24.30	24.50	0.034	2025/8/07	
Bottom Side	38000/2595	20M QPSK(1,0)	0.150	0.074	-0.38	24.30	24.50	0.157	2025/8/07	
50%RB										
Front Side	38000/2595	20M QPSK(50,0)	0.088	0.047	0.10	22.60	23.50	0.108	2025/8/07	
Back Side	38000/2595	20M QPSK(50,0)	0.157	0.069	-0.73	22.60	23.50	0.193	2025/8/07	
Left Side	38000/2595	20M QPSK(50,0)	0.073	0.036	3.65	22.60	23.50	0.090	2025/8/07	
Right Side	38000/2595	20M QPSK(50,0)	0.017	0.008	2.39	22.60	23.50	0.021	2025/8/07	
Bottom Side	38000/2595	20M QPSK(50,0)	0.087	0.042	2.22	22.60	23.50	0.107	2025/8/07	

NOTE: Hotspot SAR test results of LTE Band 38

10.1.13. SAR measurement Result of WLAN2.4G

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g	Date	Plot
			1-g	10-g						

								(W/Kg)		
Left Cheek	6/2437	802.11b	0.043	0.024	1.22	17.65	18.50	0.052	2025/8/04	15#
Left Tilt 15 Degree	6/2437	802.11b	0.026	0.014	0.14	17.65	18.50	0.032	2025/8/04	
Right Cheek	6/2437	802.11b	0.038	0.021	1.81	17.65	18.50	0.046	2025/8/04	
Right Tilt 15 Degree	6/2437	802.11b	0.018	0.016	-0.32	17.65	18.50	0.022	2025/8/04	

NOTE: Head SAR test results of WLAN 2.4G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.083	0.044	-4.51	17.65	18.50	0.101	2025/8/04	16#
Back Side	6/2437	802.11b	0.078	0.040	2.33	17.65	18.50	0.095	2025/8/04	

NOTE: Body-worn SAR test results of WLAN 2.4G

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.083	0.044	-4.51	17.65	18.50	0.101	2025/8/04	16#
Back Side	6/2437	802.11b	0.078	0.040	2.33	17.65	18.50	0.095	2025/8/04	
Right Side	6/2437	802.11b	0.048	0.024	-0.66	17.65	18.50	0.058	2025/8/04	
Top Side	6/2437	802.11b	0.033	0.017	-3.23	17.65	18.50	0.040	2025/8/04	

NOTE: Hotspot SAR test results of WLAN2.4G

10.1.14. SAR measurement Result of WLAN5.2G

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	40/5200	802.11n HT20	0.411	0.152	1.54	12.88	13.50	0.474	2025/8/01	11#
Left Tilt 15 Degree	40/5200	802.11n HT20	0.246	0.087	3.94	12.88	13.50	0.284	2025/8/01	
Right Cheek	40/5200	802.11n HT20	0.352	0.126	1.90	12.88	13.50	0.406	2025/8/01	
Right Tilt 15 Degree	40/5200	802.11n HT20	0.160	0.059	2.80	12.88	13.50	0.185	2025/8/01	

NOTE: Head SAR test results of WLAN 5.2G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	40/5200	802.11n HT20	0.198	0.084	0.12	12.88	13.50	0.228	2025/8/01	12#
Back Side	40/5200	802.11n HT20	0.126	0.053	2.51	12.88	13.50	0.145	2025/8/01	

NOTE: Body-worn SAR test results of WLAN 5.2G

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	40/5200	802.11n HT20	0.198	0.084	0.12	12.88	13.50	0.228	2025/8/01	12#
Back Side	40/5200	802.11n HT20	0.126	0.053	2.51	12.88	13.50	0.145	2025/8/01	
Right Side	40/5200	802.11n HT20	0.080	0.032	-0.84	12.88	13.50	0.092	2025/8/01	

Top Side	40/5200	802.11n HT20	0.060	0.024	0.57	12.88	13.50	0.069	2025/8/01	
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NOTE: Hotspot SAR test results of WLAN5.2G

10.1.15. SAR measurement Result of WLAN5.8G

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	157/5785	802.11a	0.390	0.151	3.27	12.88	13.50	0.450	2025/8/02	13#
Left Tilt 15 Degree	157/5785	802.11a	0.225	0.085	-3.99	12.88	13.50	0.260	2025/8/02	
Right Cheek	157/5785	802.11a	0.349	0.135	-3.22	12.88	13.50	0.403	2025/8/02	
Right Tilt 15 Degree	157/5785	802.11a	0.167	0.064	3.60	12.88	13.50	0.193	2025/8/02	

NOTE: Head SAR test results of WLAN 5.8G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	157/5785	802.11a	0.248	0.111	1.25	12.88	13.50	0.286	2025/8/02	14#
Back Side	157/5785	802.11a	0.162	0.070	2.45	12.88	13.50	0.187	2025/8/02	

NOTE: Body-worn SAR test results of WLAN 5.8G

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	157/5785	802.11a	0.248	0.111	1.25	12.88	13.50	0.286	2025/8/02	14#
Back Side	157/5785	802.11a	0.162	0.070	2.45	12.88	13.50	0.187	2025/8/02	
Right	157/5785	802.11a	0.112	0.048	-2.84	12.88	13.50	0.129	2025/8/02	

Side										
Top Side	157/5785	802.11a	0.084	0.036	-0.58	12.88	13.50	0.097	2025/8/02	

NOTE: Hotspot SAR test results of WLAN5.8G

10.1.16. SAR measurement Result of Bluetooth

11. Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	39/2441	8DPSK	0.087	0.042	3.83	9.74	10.00	0.092	2025/8/04	31#
Left Tilt 15 Degree	39/2441	8DPSK	0.096	0.045	-0.74	9.74	10.00	0.102	2025/8/04	
Right Cheek	39/2441	8DPSK	0.065	0.032	2.75	9.74	10.00	0.069	2025/8/04	
Right Tilt 15 Degree	39/2441	8DPSK	0.064	0.030	3.93	9.74	10.00	0.068	2025/8/04	

NOTE: Head SAR test results of Bluetooth

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	39/2441	8DPSK	0.041	2.020	0.83	9.74	10.00	0.044	2025/8/04	
Back Side	39/2441	8DPSK	0.053	0.024	-2.98	9.74	10.00	0.056	2025/8/04	32#

NOTE: Body-worn SAR test results of Bluetooth

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	39/2441	8DPSK	0.041	2.020	0.83	9.74	10.00	0.044	2025/8/04	
Back Side	39/2441	8DPSK	0.053	0.024	-2.98	9.74	10.00	0.056	2025/8/04	32#
Right Side	39/2441	8DPSK	0.018	0.009	1.13	9.74	10.00	0.019	2025/8/04	
Top Side	39/2441	8DPSK	0.025	0.012	3.47	9.74	10.00	0.027	2025/8/04	

NOTE: Hotspot SAR test results of Bluetooth

11.1. Simultaneous Transmission Analysis

Per KDB 447498 D01, simultaneous transmission SAR is compliant if,

- 1) Scalar SAR summation $< 1.6\text{W/kg}$.
- 2) $\text{SPLSR} = (\text{SAR}_1 + \text{SAR}_2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan. If $\text{SPLSR} \leq 0.04$, simultaneously transmission SAR measurement is not necessary.

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DTS			
Head	Left Cheek	0.386	0.052	0.438	N/A	N/A
	Left Tilt 15 Degree	0.184	0.032	0.216	N/A	N/A
	Right Cheek	0.425	0.046	0.471	N/A	N/A
	Right Tilt 15 Degree	0.239	0.022	0.261	N/A	N/A
Body-Worn	Front Side	0.614	0.101	0.715	N/A	N/A
	Back Side	0.907	0.095	1.002	N/A	N/A
Hotspot	Front Side	0.614	0.101	0.715	N/A	N/A
	Back Side	0.907	0.095	1.002	N/A	N/A
	Left Side	0.467	N/A	0.467	N/A	N/A
	Right Side	0.314	0.058	0.372	N/A	N/A
	Top Side	N/A	0.04	0.038	N/A	N/A
	Bottom Side	0.514	N/A	0.514	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.386	0.474	0.86	N/A	N/A
	Left Tilt 15 Degree	0.184	0.284	0.468	N/A	N/A
	Right Cheek	0.425	0.406	0.831	N/A	N/A
	Right Tilt 15 Degree	0.239	0.193	0.432	N/A	N/A

Body-Worn	Front Side	0.614	0.286	0.9	N/A	N/A
	Back Side	0.907	0.187	1.094	N/A	N/A
Hotspot	Front Side	0.614	0.286	0.9	N/A	N/A
	Back Side	0.907	0.187	1.094	N/A	N/A
	Left Side	0.467	N/A	0.467	N/A	N/A
	Right Side	0.314	0.129	0.443	N/A	N/A
	Top Side	N/A	0.097	0.097	N/A	N/A
	Bottom Side	0.514	N/A	0.514	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.386	0.092	0.478	N/A	N/A
	Left Tilt 15 Degree	0.184	0.102	0.286	N/A	N/A
	Right Cheek	0.425	0.069	0.494	N/A	N/A
	Right Tilt 15 Degree	0.239	0.068	0.307	N/A	N/A
Body-Worn	Front Side	0.614	0.044	0.658	N/A	N/A
	Back Side	0.907	0.056	0.963	N/A	N/A
Hotspot	Front Side	0.614	0.044	0.658	N/A	N/A
	Back Side	0.907	0.056	0.963	N/A	N/A
	Left Side	0.467	N/A	0.467	N/A	N/A
	Right Side	0.314	0.019	0.333	N/A	N/A
	Top Side	N/A	0.027	0.027	N/A	N/A
	Bottom Side	0.514	N/A	0.514	N/A	N/A

12. Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

13. Appendix B. System Check Plots

Table of contents
MEASUREMENT 1 System Performance Check - 750MHz
MEASUREMENT 2 System Performance Check - 835MHz
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MEASUREMENT 6 System Performance Check - 2600MHz
MEASUREMENT 7 System Performance Check - 5200MHz
MEASUREMENT 8 System Performance Check - 5800MHz

1# System check at 750 MHz

Date of measurement: 11/8/2025

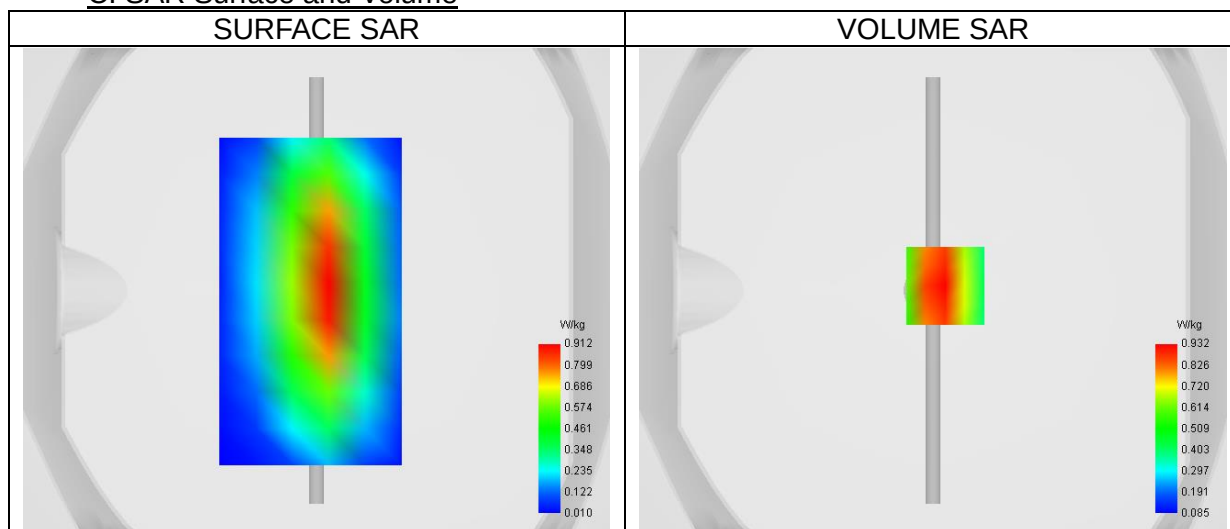
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.39
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	750.00
Relative permittivity (real part)	40.72
Relative permittivity (imaginary part)	21.41
Conductivity (S/m)	0.89

C. SAR Surface and Volume



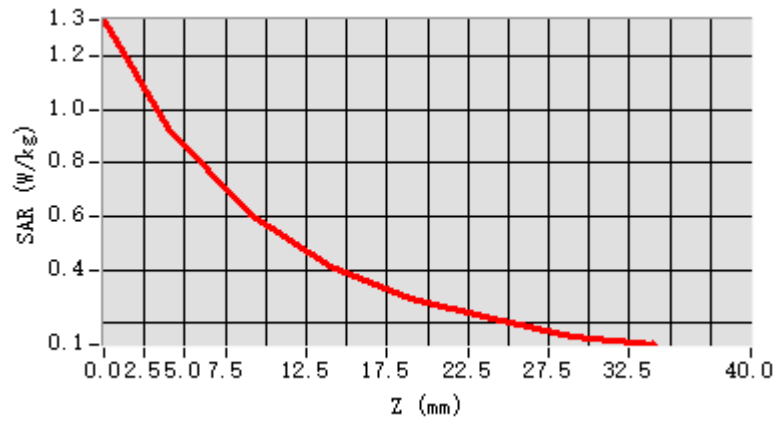
Maximum location: X=5.00, Y=2.00 ; SAR Peak: 1.35 W/kg

D. SAR 1g & 10g

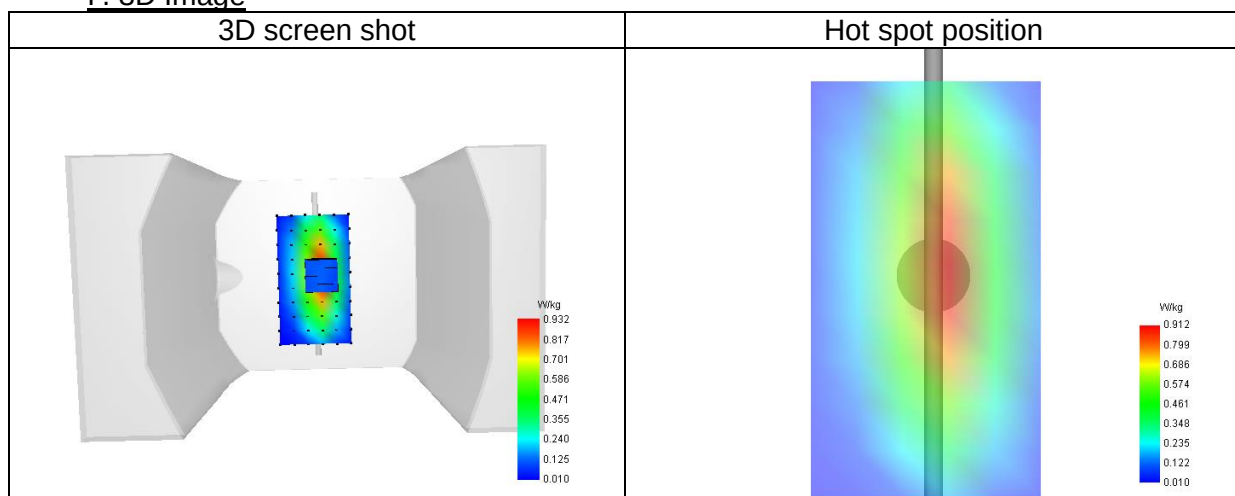
SAR 10g (W/Kg)	0.560
SAR 1g (W/Kg)	0.902
Variation (%)	-0.40
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	65.65

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.337	0.932	0.610	0.415	0.294	0.214	0.148



F. 3D Image



2# System check at 835 MHz
Date of measurement: 9/8/2025

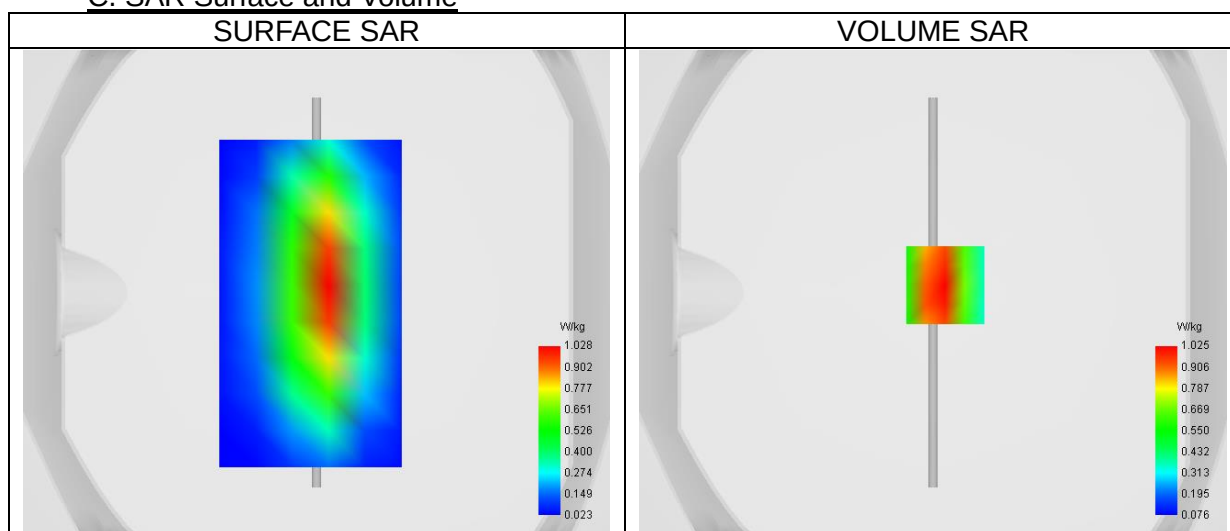
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	835.00
Relative permittivity (real part)	42.06
Relative permittivity (imaginary part)	19.85
Conductivity (S/m)	0.92

C. SAR Surface and Volume



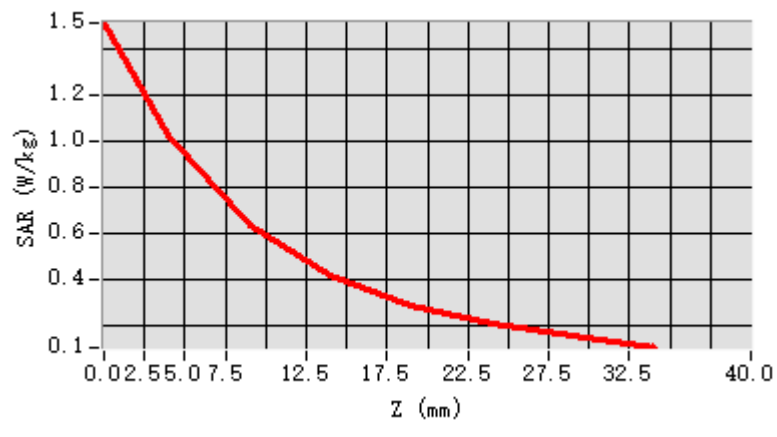
Maximum location: X=5.00, Y=3.00 ; SAR Peak: 1.56 W/kg

D. SAR 1g & 10g

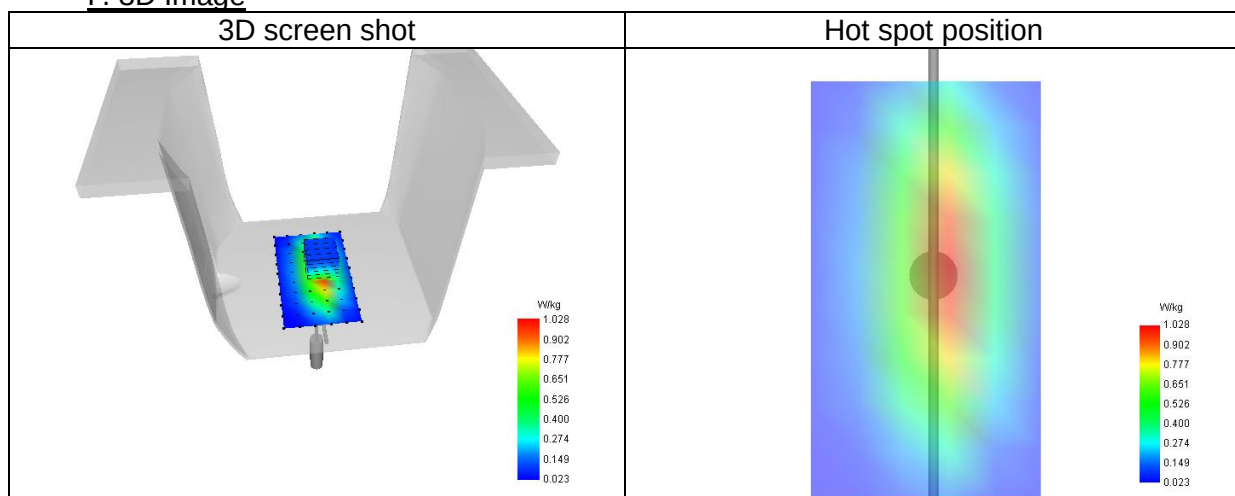
SAR 10g (W/Kg)	0.581
SAR 1g (W/Kg)	0.995
Variation (%)	-0.05
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	61.74

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.508	1.025	0.633	0.422	0.287	0.207	0.157



F. 3D Image



3# System check at 1800 MHz
Date of measurement: 8/8/2025

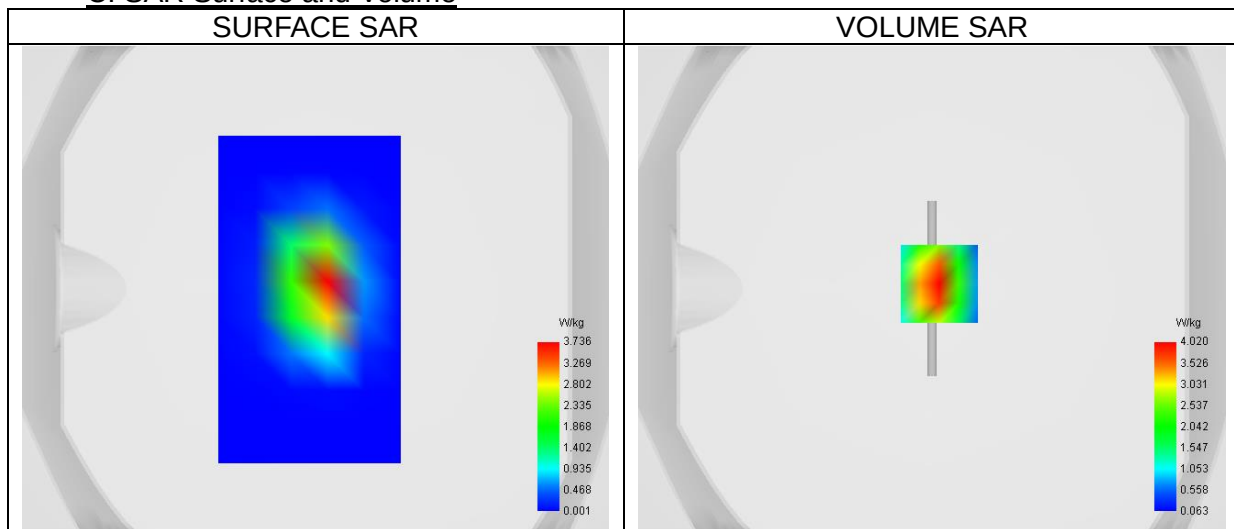
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.50
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	1800.00
Relative permittivity (real part)	38.79
Relative permittivity (imaginary part)	13.81
Conductivity (S/m)	1.38

C. SAR Surface and Volume



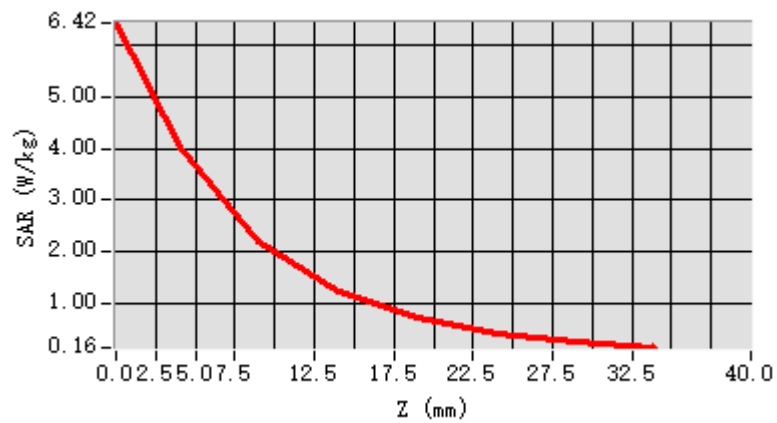
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 6.50 W/kg

D. SAR 1g & 10g

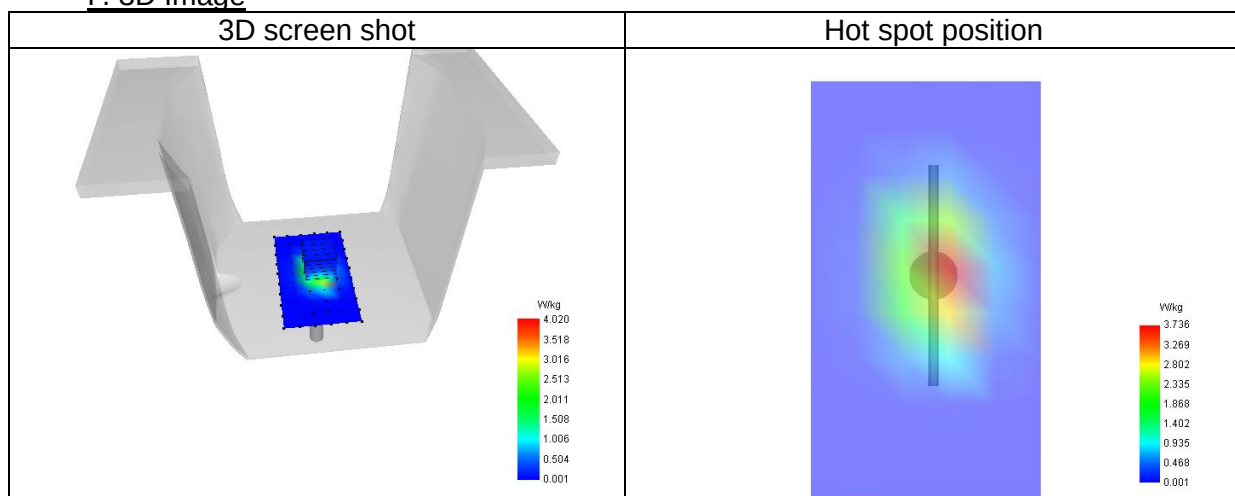
SAR 10g (W/Kg)	1.927
SAR 1g (W/Kg)	3.819
Variation (%)	-0.14
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	54.58

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.417	4.020	2.194	1.258	0.736	0.439	0.263



F. 3D Image



4# System check at 1900 MHz
Date of measurement: 10/8/2025

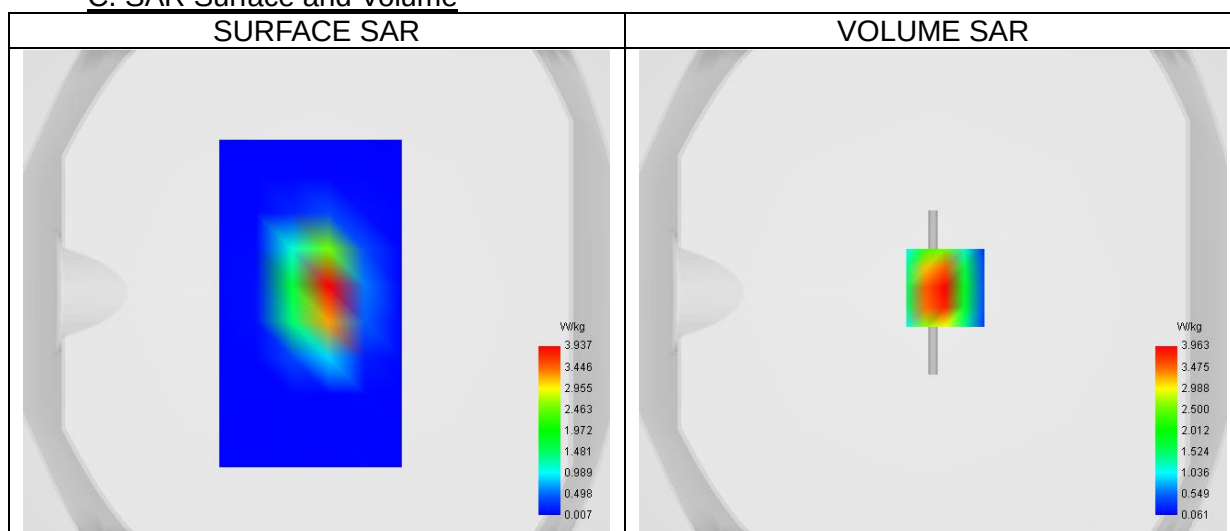
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	1900.00
Relative permittivity (real part)	38.18
Relative permittivity (imaginary part)	13.58
Conductivity (S/m)	1.43

C. SAR Surface and Volume



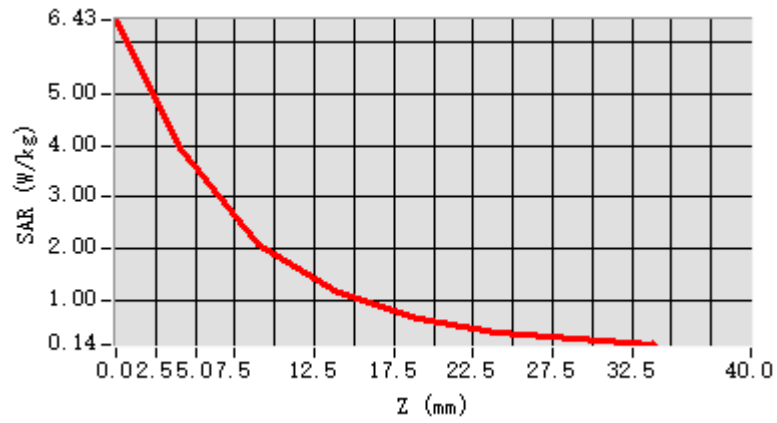
Maximum location: X=5.00, Y=2.00 ; SAR Peak: 6.84 W/kg

D. SAR 1g & 10g

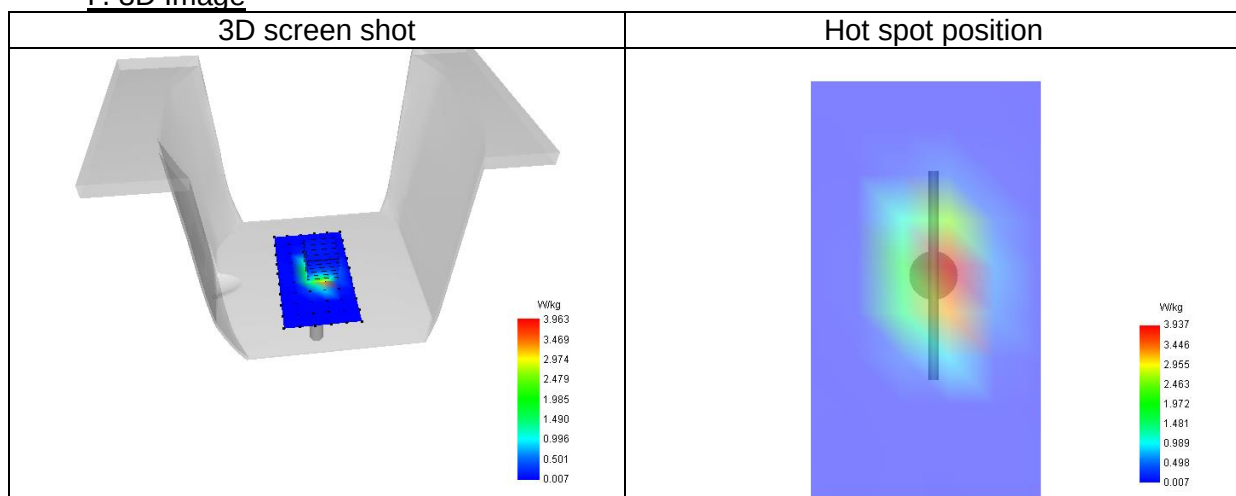
SAR 10g (W/Kg)	1.914
SAR 1g (W/Kg)	4.009
Variation (%)	-0.14
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	52.77

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.434	3.963	2.091	1.166	0.663	0.382	0.244



F. 3D Image



5# System check at 2450 MHz
Date of measurement: 4/8/2025

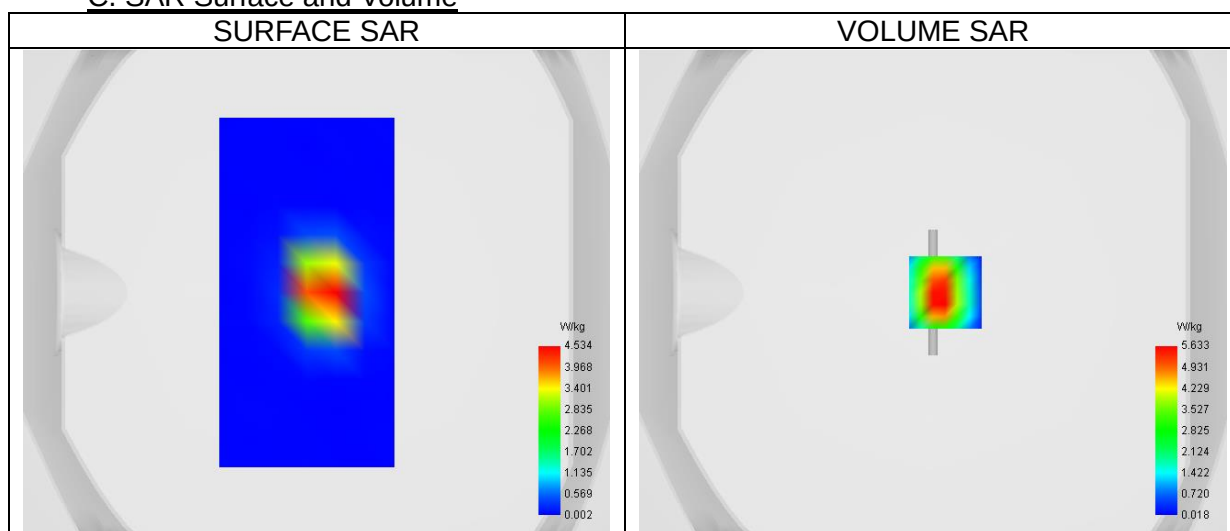
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.63
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	2450.00
Relative permittivity (real part)	38.32
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.83

C. SAR Surface and Volume



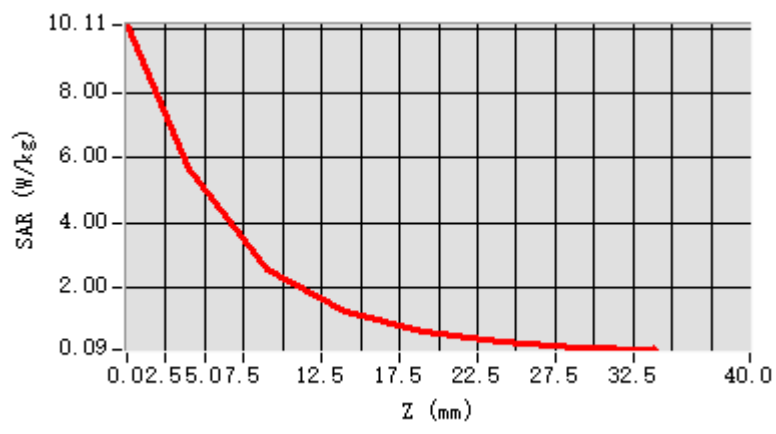
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 10.16 W/kg

D. SAR 1g & 10g

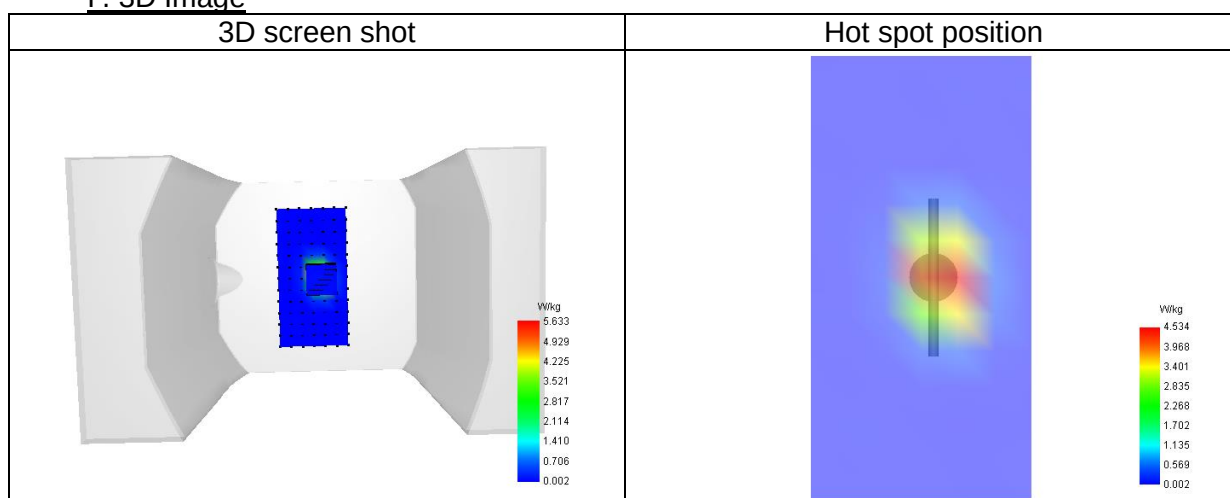
SAR 10g (W/Kg)	2.312
SAR 1g (W/Kg)	5.360
Variation (%)	-2.24
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	47.95

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.109	5.633	2.538	1.267	0.666	0.340	0.172



F. 3D Image



6# System check at 2600 MHz
Date of measurement: 7/8/2025

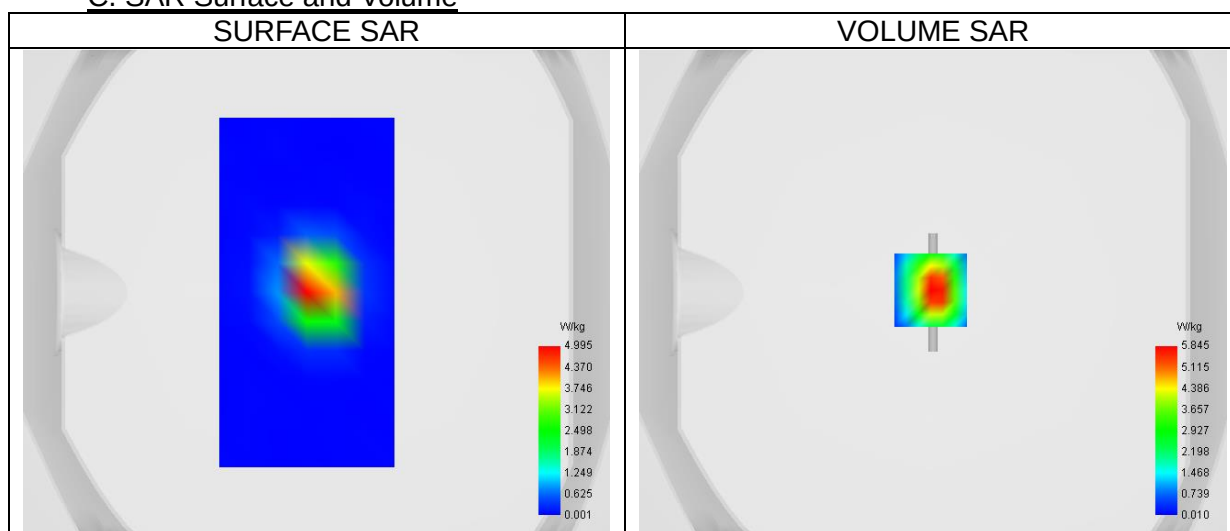
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.52
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	2600.00
Relative permittivity (real part)	39.28
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.94

C. SAR Surface and Volume



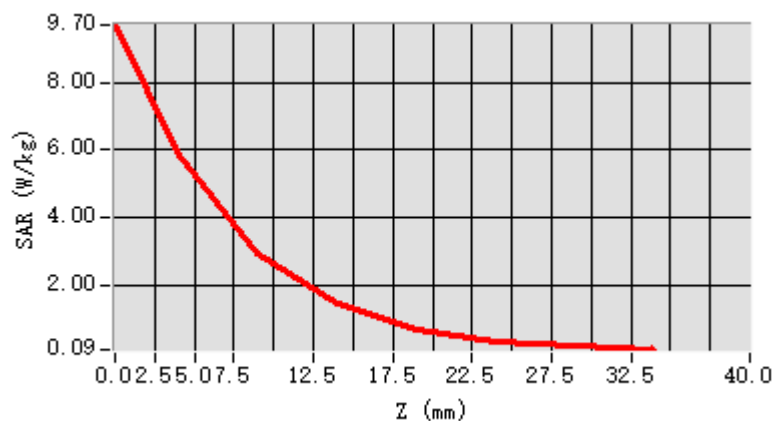
Maximum location: X=-1.00, Y=1.00 ; SAR Peak: 9.98 W/kg

D. SAR 1g & 10g

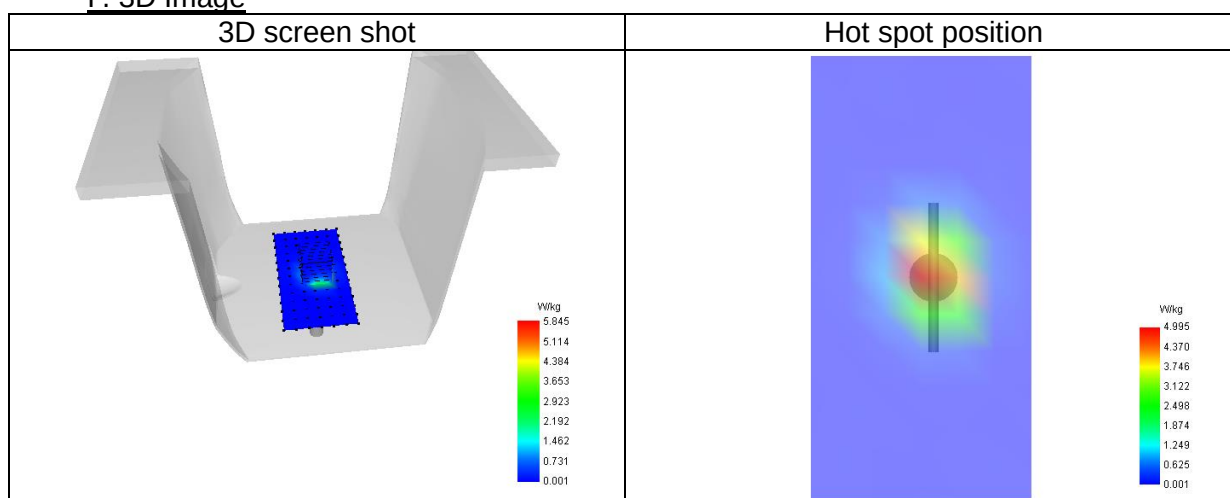
SAR 10g (W/Kg)	2.370
SAR 1g (W/Kg)	5.429
Variation (%)	2.31
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	50.04

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.700	5.845	2.925	1.440	0.707	0.345	0.178



F. 3D Image



7# System check at 5200 MHz
Date of measurement: 1/8/2025

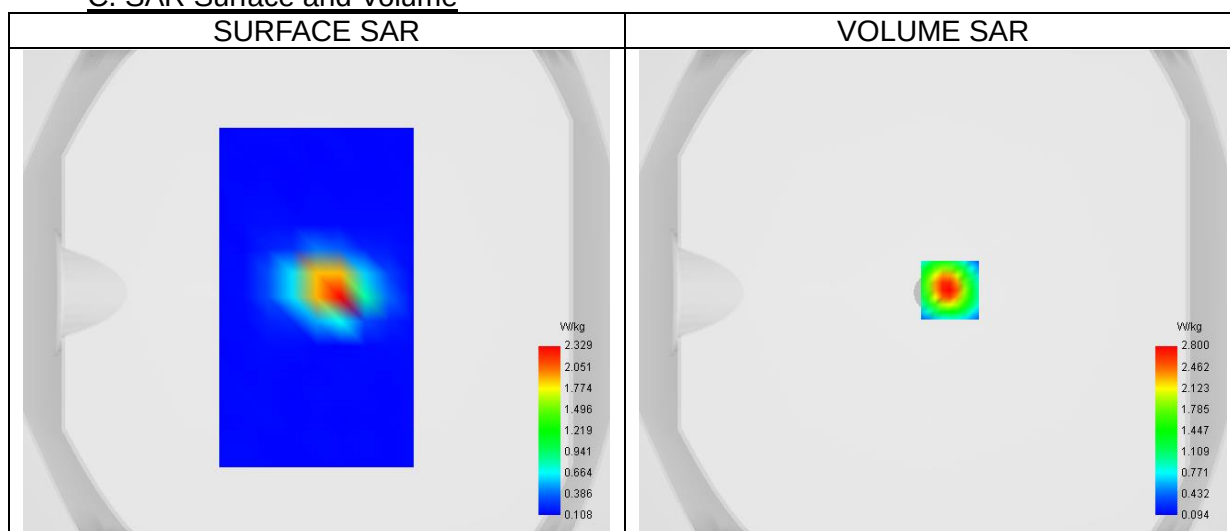
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.37
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	9x9x16,dx=3mm dy=3mm dz=1.5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	CW5200
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5200.000
Relative permittivity (real part)	35.12
Relative permittivity (imaginary part)	15.66
Conductivity (S/m)	4.52

C. SAR Surface and Volume



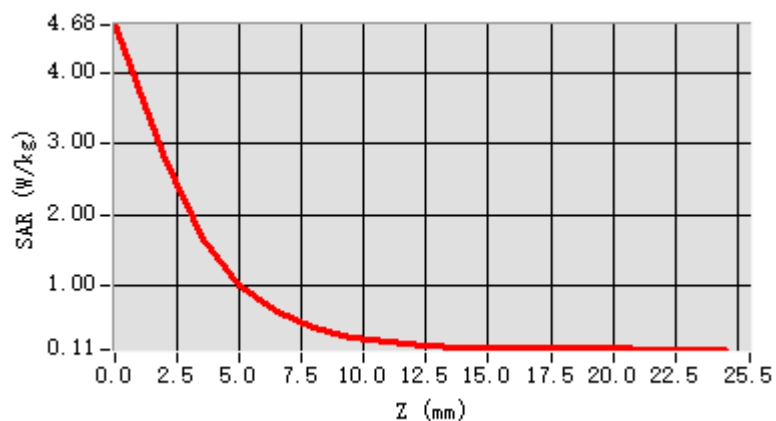
Maximum location: X=7.00, Y=1.00 ; SAR Peak: 5.04 W/kg

D. SAR 1g & 10g

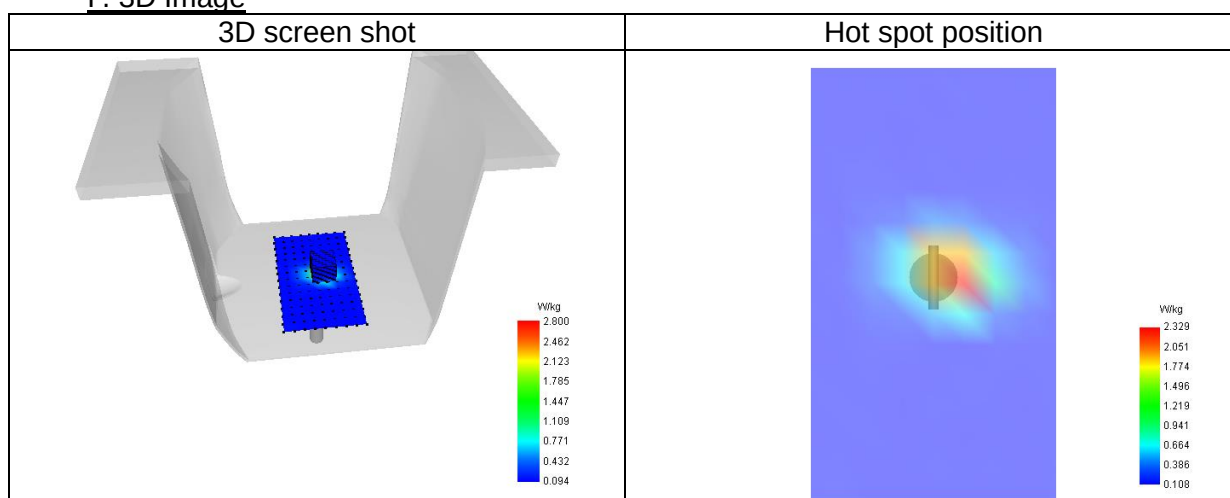
SAR 10g (W/Kg)	0.581
SAR 1g (W/Kg)	1.638
Variation (%)	2.25
Horizontal validation criteria: minimum distance (mm)	9.00
Vertical validation criteria: SAR ratio M2/M1 (%)	58.75

E. Z Axis Scan

Z (mm)	0.0	2.0	3.5	5.0	6.5	8.0	9.5	11.	12.	14.	15.	17.	18.	20.	21.	23.
	0	0	0	0	0	0	0	00	50	00	50	00	50	00	50	00
SAR (W/Kg)	4.6	2.8	1.6	1.0	0.6	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	75	00	45	12	41	12	86	15	78	39	40	30	27	25	08	15



F. 3D Image



8# System check at 5800 MHz

Date of measurement: 2/8/2025

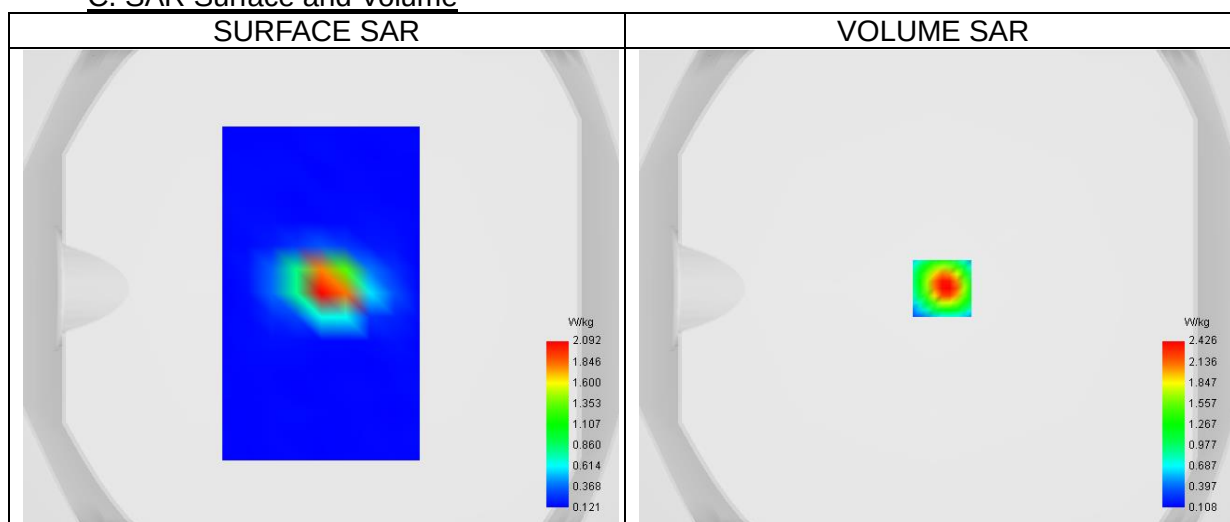
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.35
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	9x9x16,dx=3mm dy=3mm dz=1.5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5800.000
Relative permittivity (real part)	35.75
Relative permittivity (imaginary part)	15.90
Conductivity (S/m)	5.12

C. SAR Surface and Volume



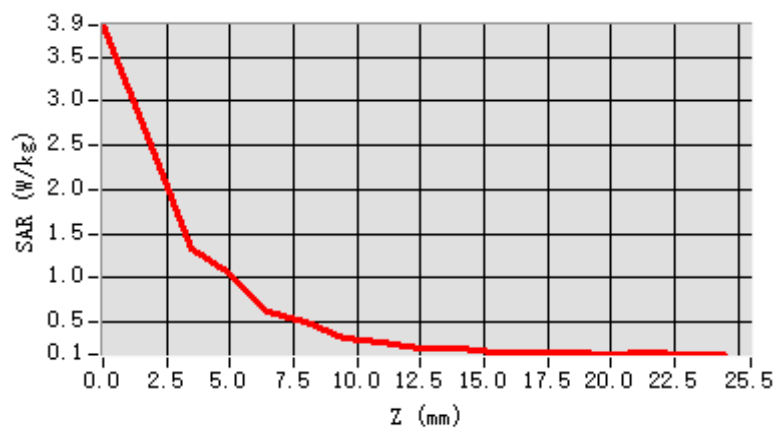
Maximum location: X=2.00, Y=0.00 ; SAR Peak: 4.14 W/kg

D. SAR 1g & 10g

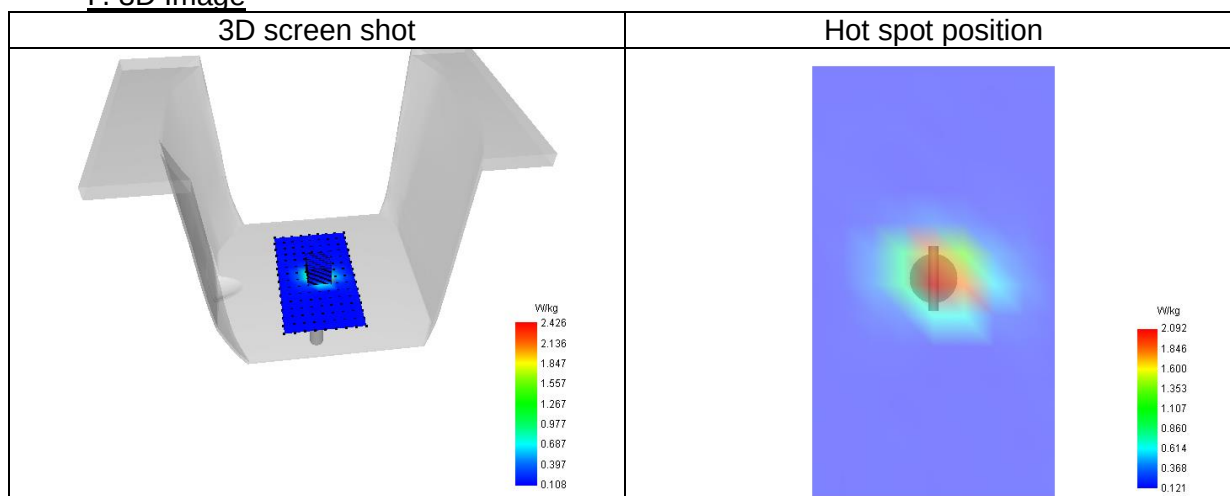
SAR 10g (W/Kg)	0.584
SAR 1g (W/Kg)	1.693
Variation (%)	0.94
Horizontal validation criteria: minimum distance (mm)	9.00
Vertical validation criteria: SAR ratio M2/M1 (%)	63.57

E. Z Axis Scan

Z (mm)	0.0	2.0	3.5	5.0	6.5	8.0	9.5	11.	12.	14.	15.	17.	18.	20.	21.	23.
	0	0	0	0	0	0	0	00	50	00	50	00	50	00	50	00
SAR (W/Kg)	3.8	2.4	1.3	1.0	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	60	26	19	46	07	99	21	61	10	98	66	53	47	42	45	33



F. 3D Image



14. Appendix C. Plots of High SAR Measurement

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1# SAR Measurement at GPRS850 (Cheek, Right)

Date of measurement: 8/8/2025

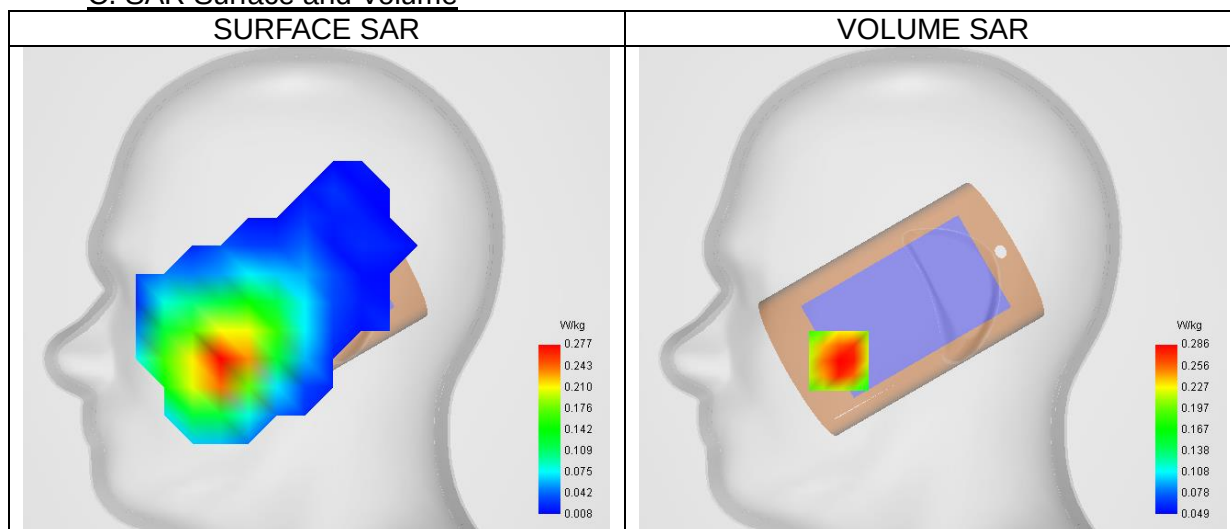
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	GPRS850
Signal	TDMA (GPRS)
Channels/Frequency	Middle (189)/ frequency 836.40 Mhz
Modulation	GMSK (CS-4)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	41.98
Relative permittivity (imaginary part)	19.88
Conductivity (S/m)	0.92

C. SAR Surface and Volume



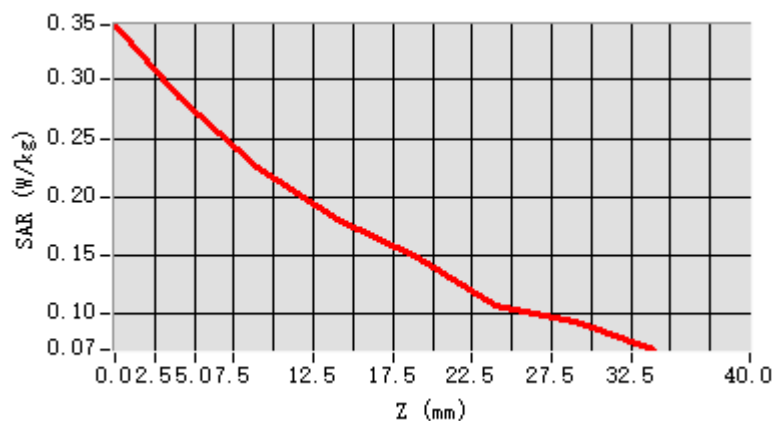
Maximum location: X=-50.00, Y=-37.00 ; SAR Peak: 0.36 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.202
SAR 1g (W/Kg)	0.283
Variation (%)	2.41
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

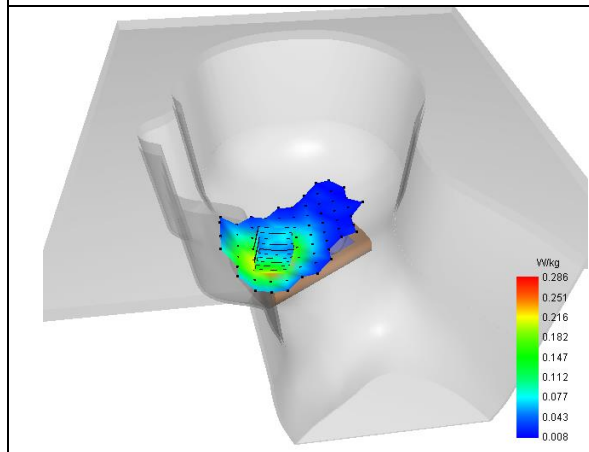
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.347	0.286	0.225	0.181	0.148	0.108	0.093

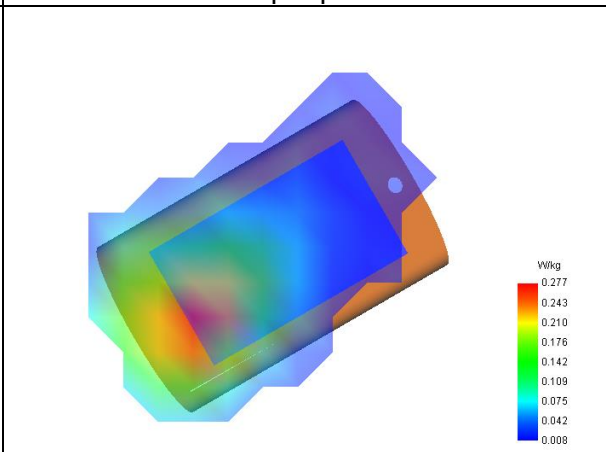


F. 3D Image

3D screen shot



Hot spot position



2# SAR Measurement at GPRS850 (Body, Validation Plane)

Date of measurement: 8/8/2025

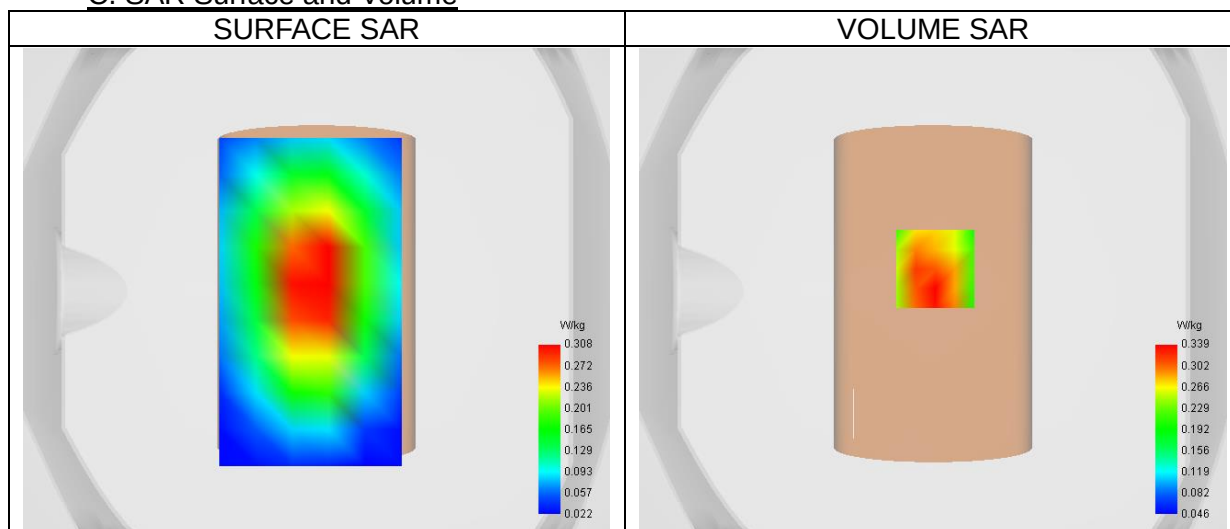
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	GPRS850
Signal	TDMA (GPRS)
Channels/Frequency	Middle (189)/ frequency 836.40 Mhz
Modulation	GMSK (CS-4)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	41.98
Relative permittivity (imaginary part)	19.88
Conductivity (S/m)	0.92

C. SAR Surface and Volume



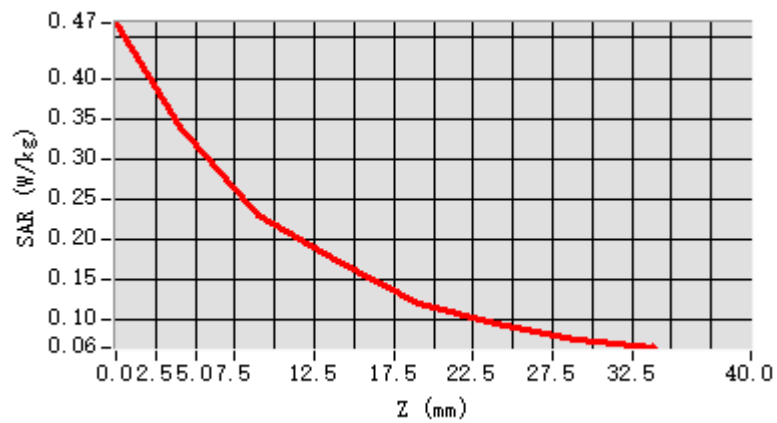
Maximum location: X=1.00, Y=9.00 ; SAR Peak: 0.46 W/kg

D. SAR 1g & 10g

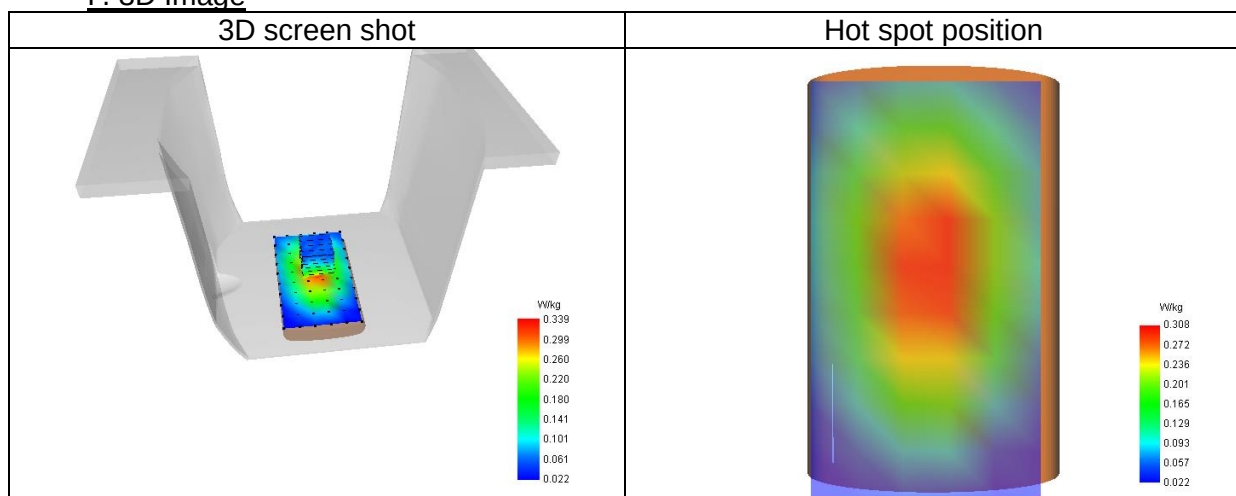
SAR 10g (W/Kg)	0.197
SAR 1g (W/Kg)	0.330
Variation (%)	-2.05
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.469	0.339	0.228	0.172	0.119	0.095	0.074



F. 3D Image



3# SAR Measurement at GPRS1900 (Cheek, Right)

Date of measurement: 10/8/2025

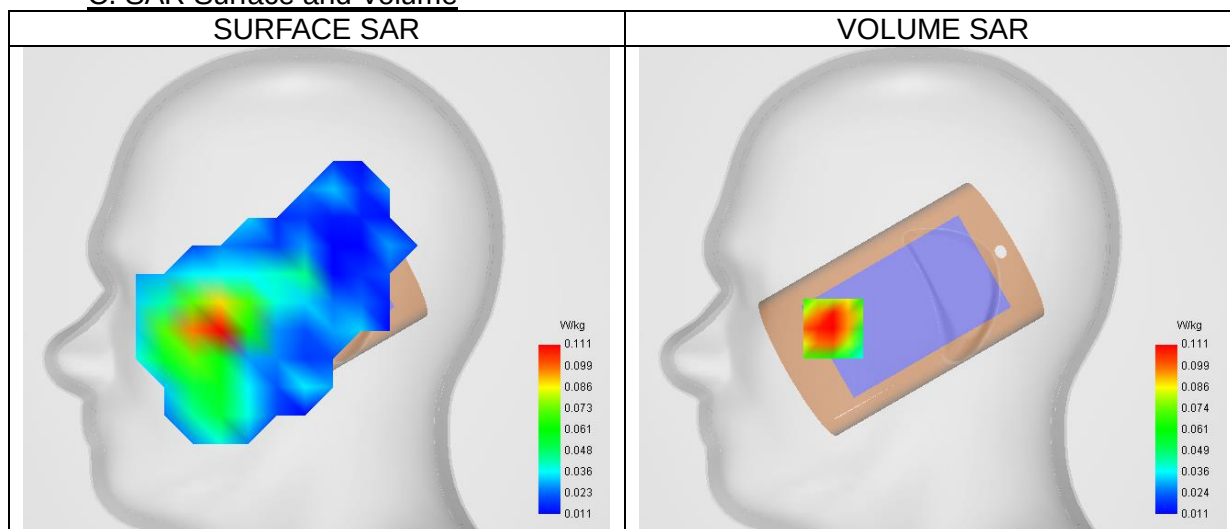
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	GPRS1900
Signal	TDMA (GPRS)
Channels/Frequency	Middle (661)/ frequency 1880.00 Mhz
Modulation	GMSK (CS-4)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	38.26
Relative permittivity (imaginary part)	13.60
Conductivity (S/m)	1.42

C. SAR Surface and Volume



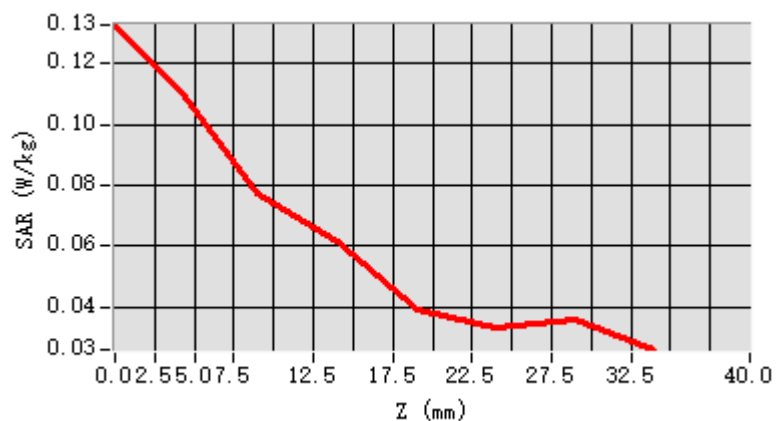
Maximum location: X=-53.00, Y=-20.00 ; SAR Peak: 0.16 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.070
SAR 1g (W/Kg)	0.108
Variation (%)	1.25
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	73.79

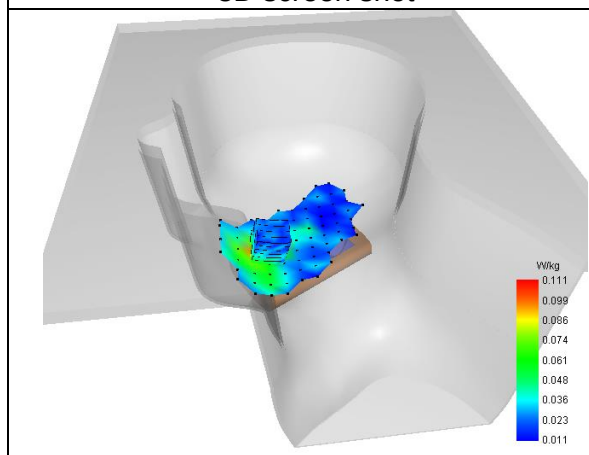
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.133	0.111	0.077	0.062	0.039	0.033	0.036

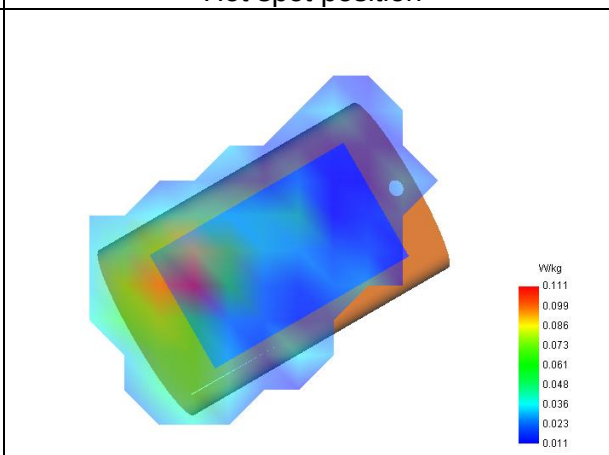


F. 3D Image

3D screen shot



Hot spot position



4# SAR Measurement at GPRS1900 (Body, Validation Plane)

Date of measurement: 10/8/2025

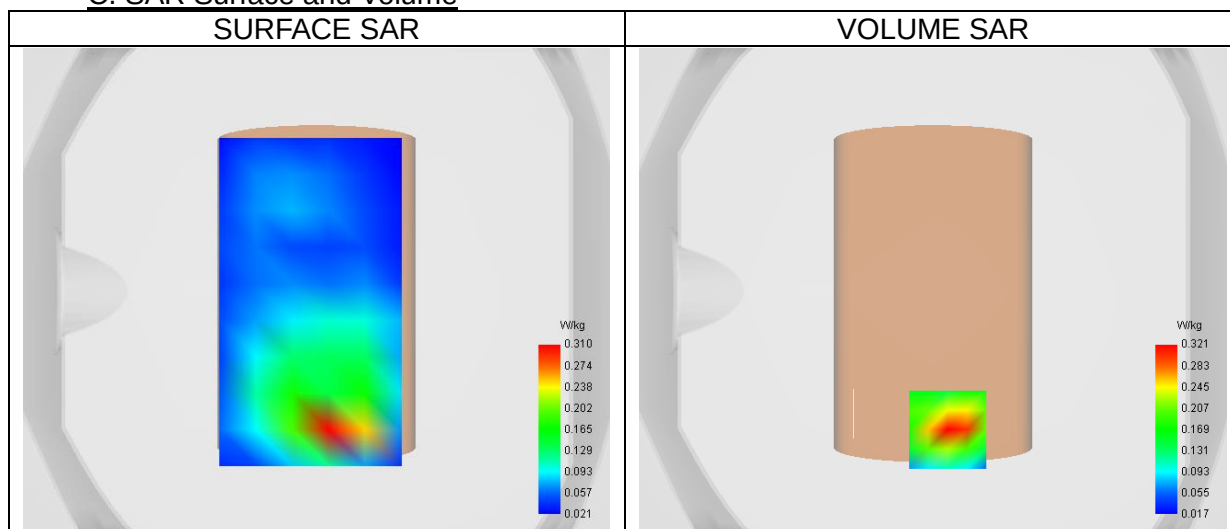
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	GPRS1900
Signal	TDMA (GPRS)
Channels/Frequency	Middle (661)/ frequency 1880.00 Mhz
Modulation	GMSK (CS-4)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	38.26
Relative permittivity (imaginary part)	13.60
Conductivity (S/m)	1.42

C. SAR Surface and Volume



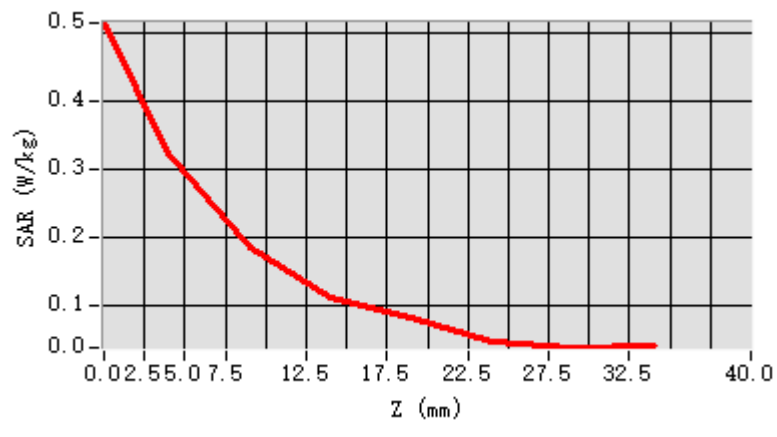
Maximum location: X=6.00, Y=-57.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

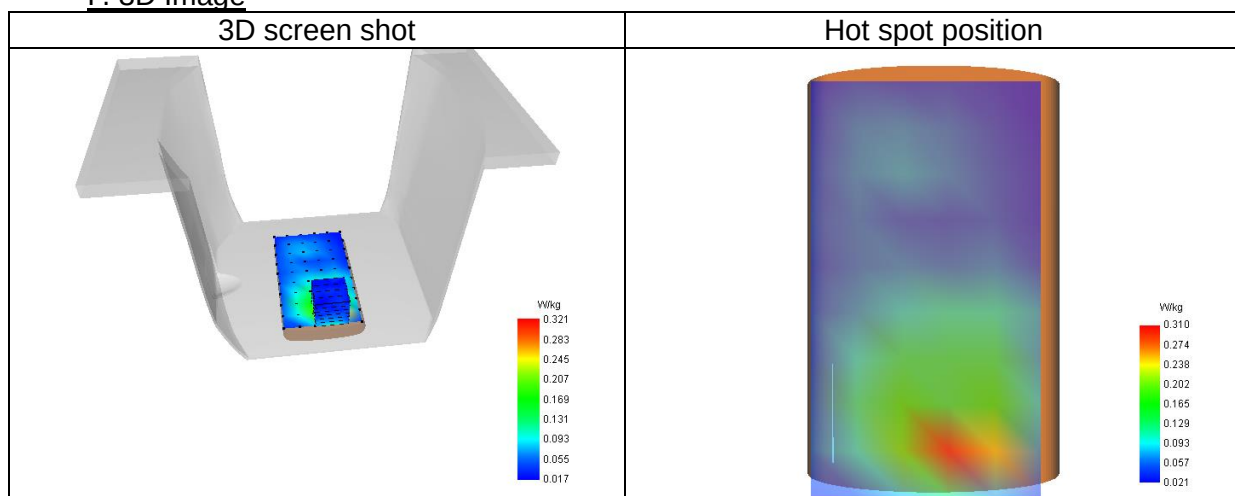
SAR 10g (W/Kg)	0.161
SAR 1g (W/Kg)	0.309
Variation (%)	3.47
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	57.80

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.514	0.321	0.185	0.112	0.082	0.046	0.037



F. 3D Image



5# SAR Measurement at Band 2 (1900) (Cheek, Right)

Date of measurement: 10/8/2025

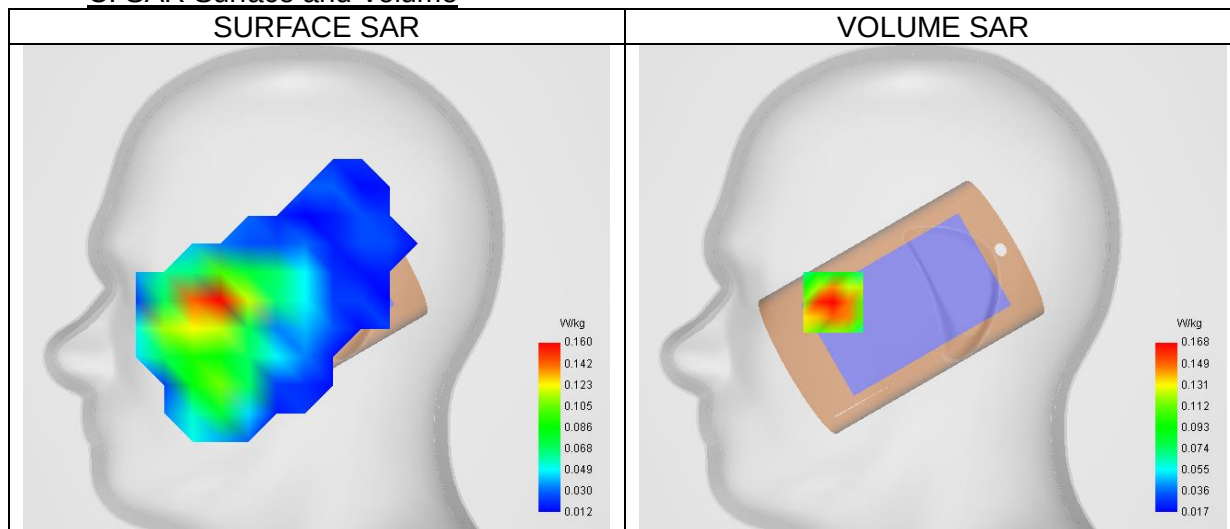
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 2 (1900)
Signal	WCDMA
Channels/Frequency	Middle (9400)/ frequency 1880.00 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	38.26
Relative permittivity (imaginary part)	13.60
Conductivity (S/m)	1.42

C. SAR Surface and Volume



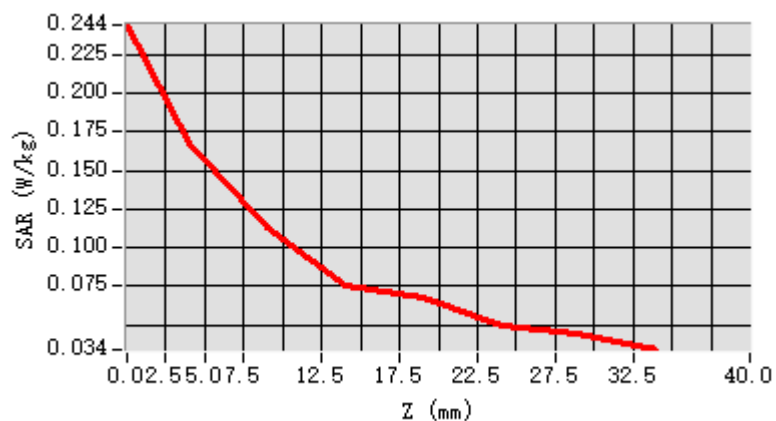
Maximum location: X=-53.00, Y=-7.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.104
SAR 1g (W/Kg)	0.166
Variation (%)	-1.33
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	67.06

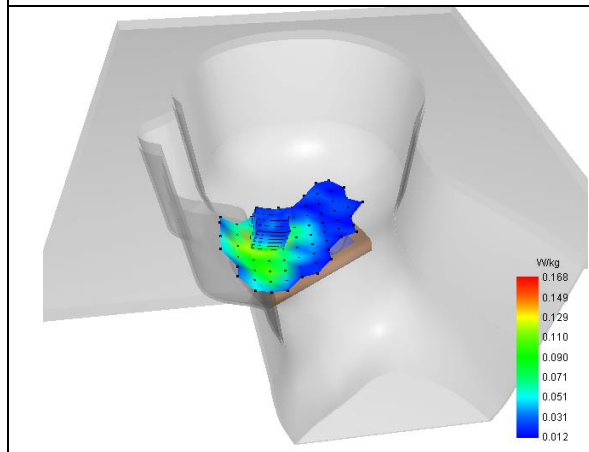
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.244	0.168	0.113	0.076	0.068	0.049	0.044

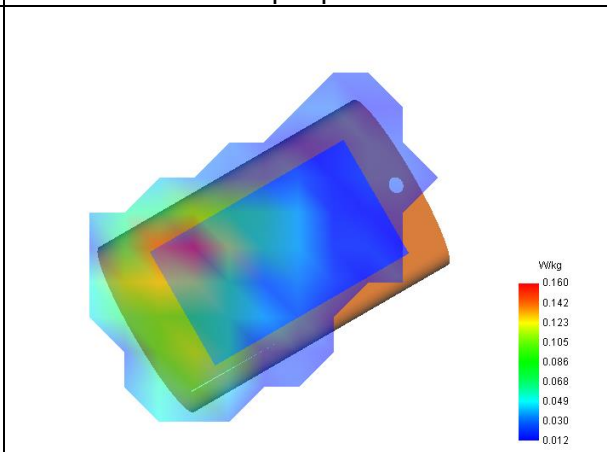


F. 3D Image

3D screen shot



Hot spot position



6# SAR Measurement at Band 2 (1900) (Body, Validation Plane)

Date of measurement: 10/8/2025

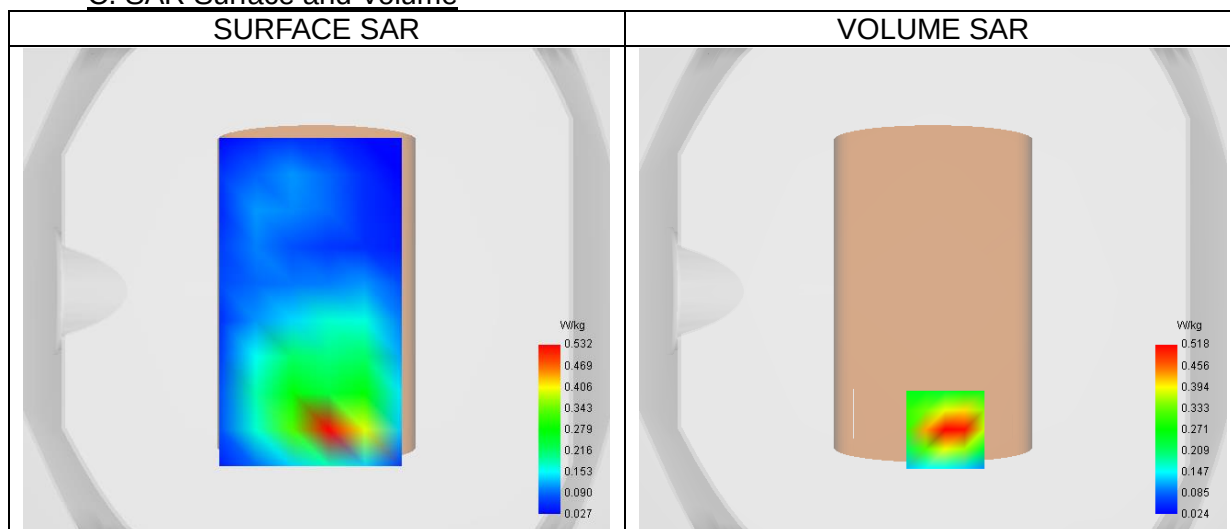
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Signal	WCDMA
Channels/Frequency	Middle (9400)/ frequency 1880.00 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	38.26
Relative permittivity (imaginary part)	13.60
Conductivity (S/m)	1.42

C. SAR Surface and Volume



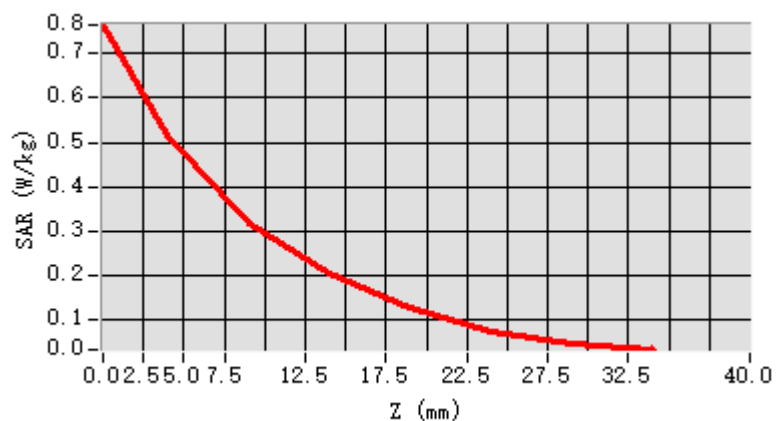
Maximum location: X=5.00, Y=-57.00 ; SAR Peak: 0.79 W/kg

D. SAR 1g & 10g

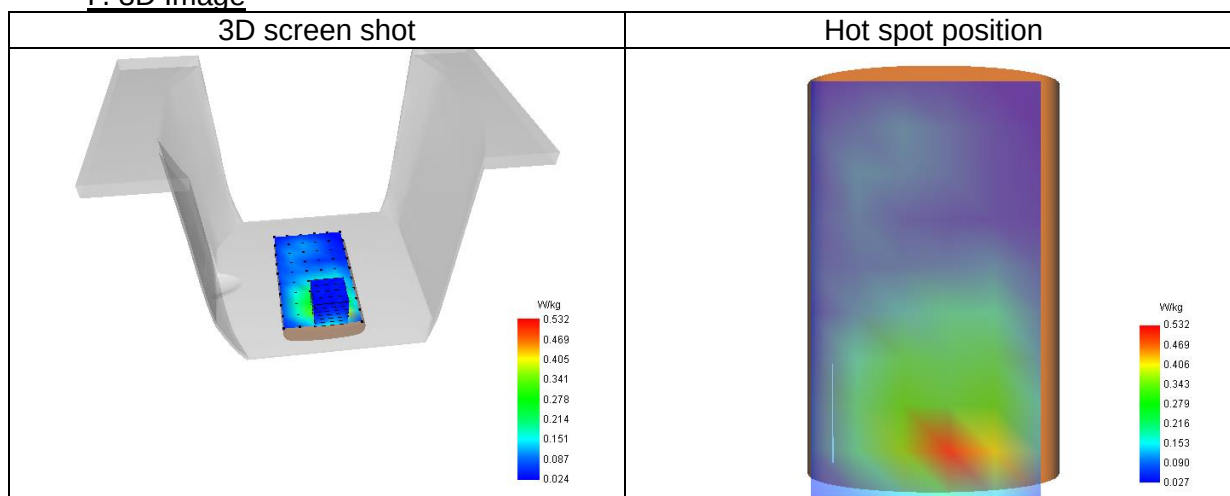
SAR 10g (W/Kg)	0.270
SAR 1g (W/Kg)	0.500
Variation (%)	1.59
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	61.07

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.764	0.518	0.316	0.204	0.128	0.075	0.050



F. 3D Image



7# SAR Measurement at Band 4 (1700) (Cheek, Right)

Date of measurement: 8/8/2025

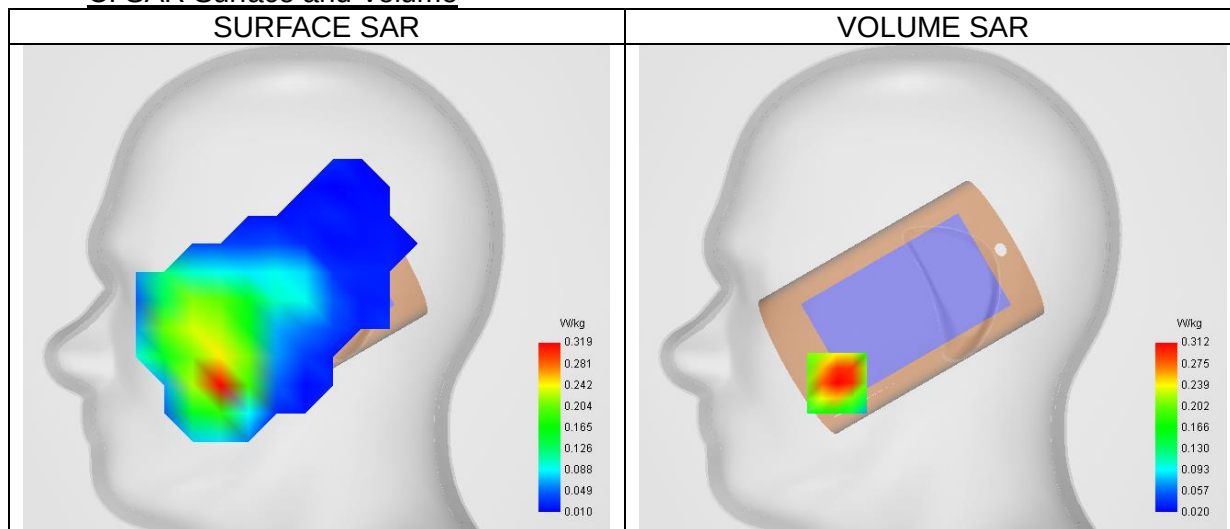
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.50
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	Band 4 (1700)
Signal	WCDMA
Channels/Frequency	Middle (1413)/ frequency 1732.60 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1732.60
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.75
Conductivity (S/m)	1.32

C. SAR Surface and Volume



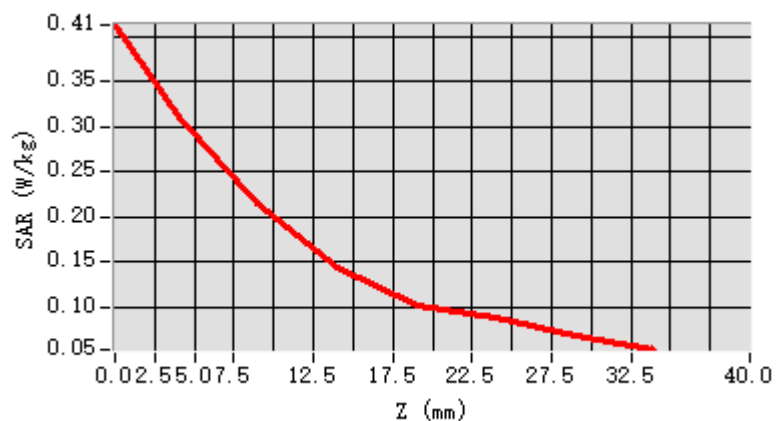
Maximum location: X=-51.00, Y=-50.00 ; SAR Peak: 0.43 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.188
SAR 1g (W/Kg)	0.298
Variation (%)	-1.06
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	70.52

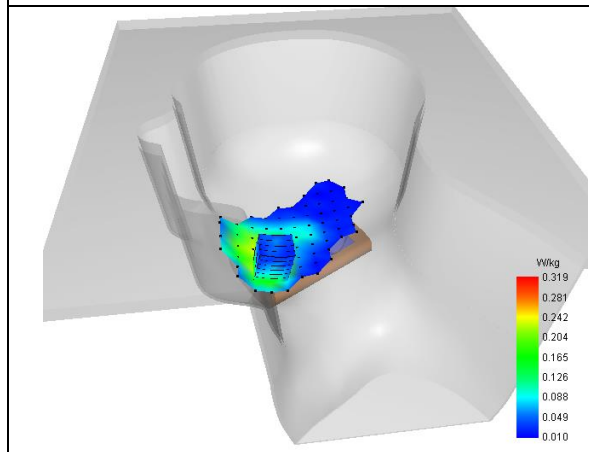
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.413	0.312	0.216	0.145	0.102	0.090	0.068

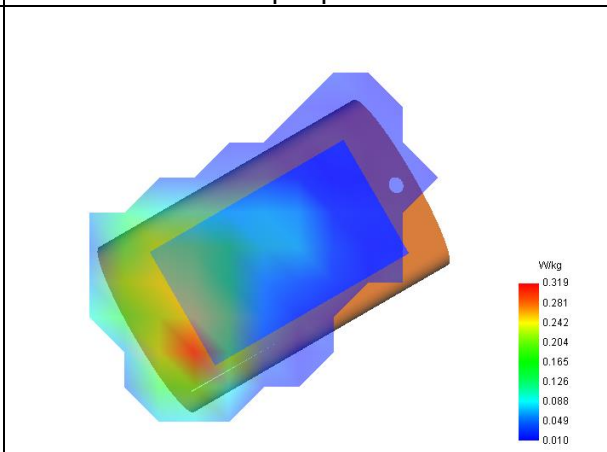


F. 3D Image

3D screen shot



Hot spot position



8# SAR Measurement at Band 4 (1700) (Body, Validation Plane)

Date of measurement: 8/8/2025

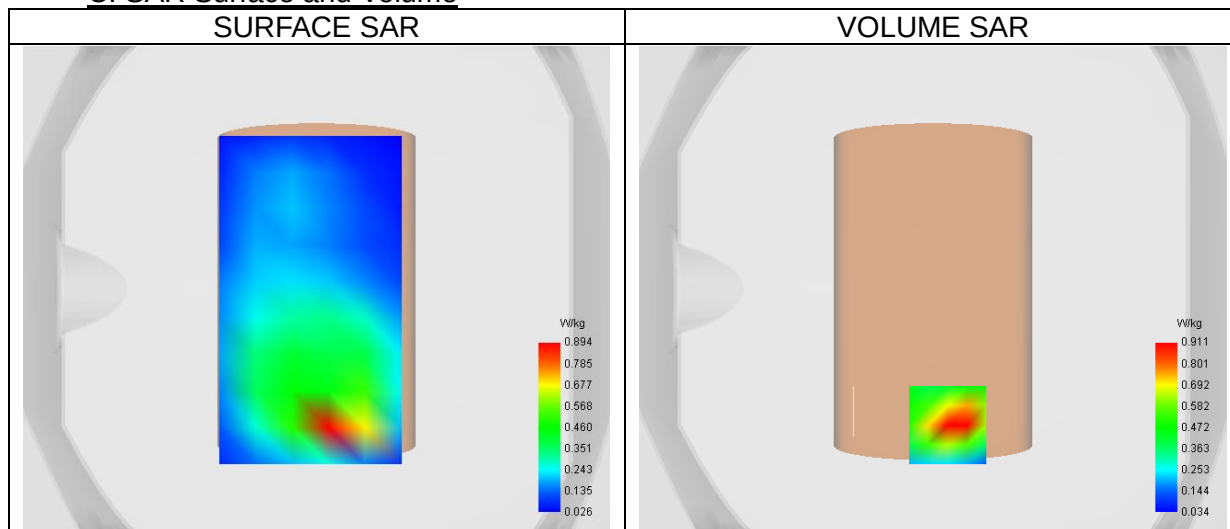
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.50
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Signal	WCDMA
Channels/Frequency	Middle (1413)/ frequency 1732.60 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1732.60
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.75
Conductivity (S/m)	1.32

C. SAR Surface and Volume



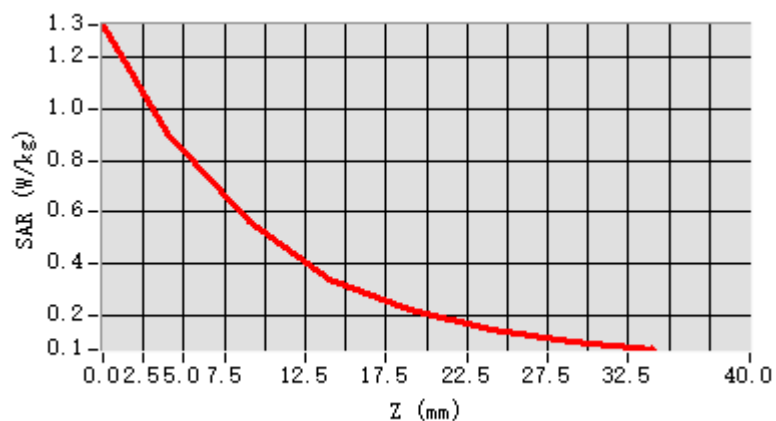
Maximum location: X=6.00, Y=-56.00 ; SAR Peak: 1.40 W/kg

D. SAR 1g & 10g

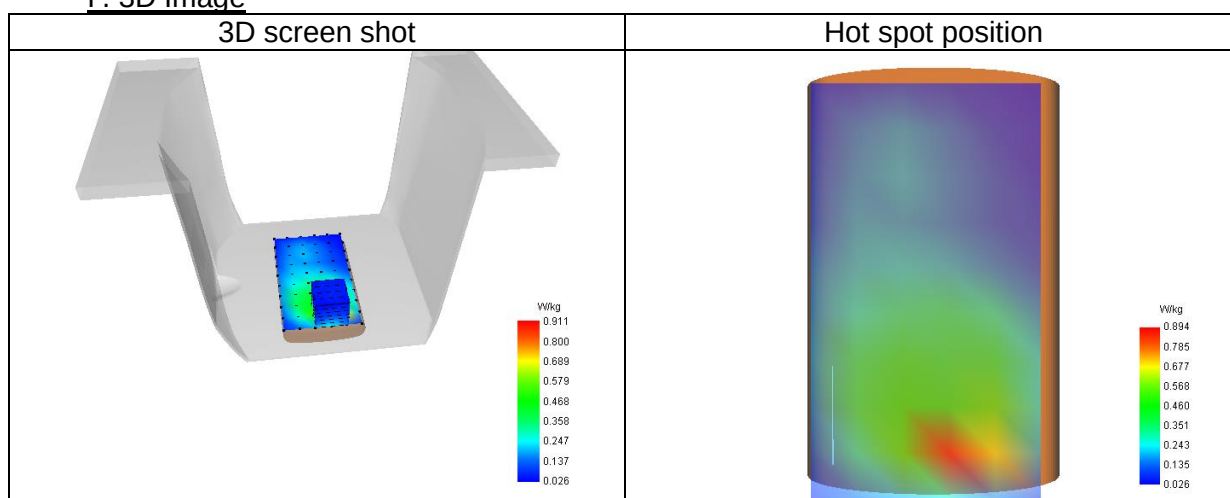
SAR 10g (W/Kg)	0.465
SAR 1g (W/Kg)	0.865
Variation (%)	-1.71
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	61.97

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.327	0.911	0.564	0.342	0.222	0.141	0.094



F. 3D Image



9# SAR Measurement at Band 5 (850) (Cheek, Right)

Date of measurement: 9/8/2025

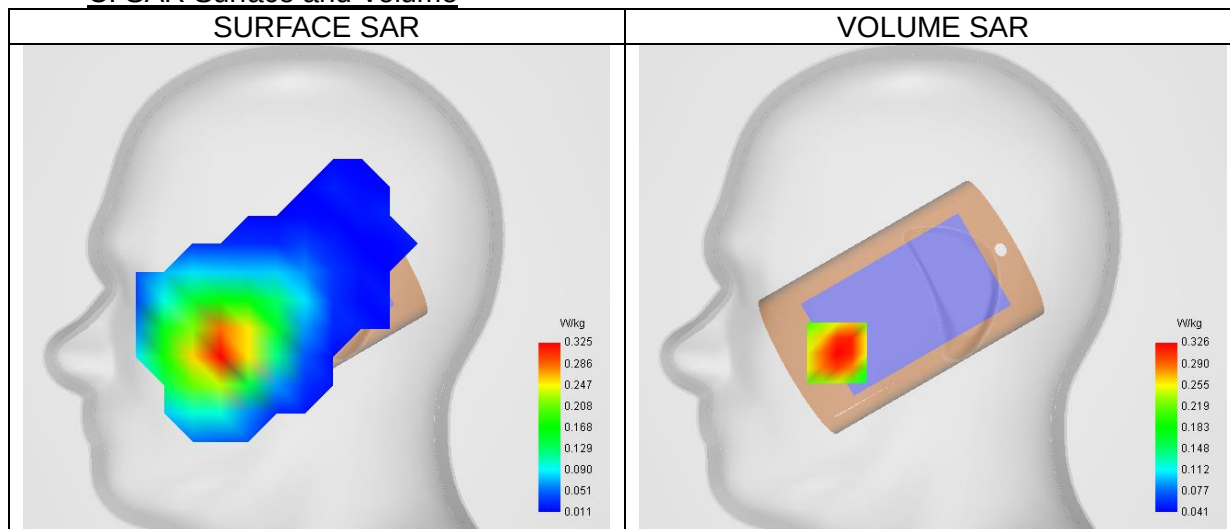
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	Band 5 (850)
Signal	WCDMA
Channels/Frequency	Middle (4182)/ frequency 836.40 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	41.98
Relative permittivity (imaginary part)	19.88
Conductivity (S/m)	0.92

C. SAR Surface and Volume



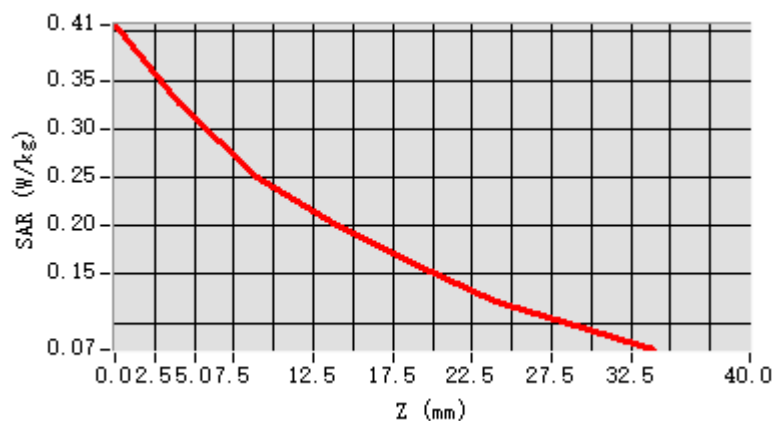
Maximum location: X=-51.00, Y=-34.00 ; SAR Peak: 0.41 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.231
SAR 1g (W/Kg)	0.320
Variation (%)	4.31
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	76.86

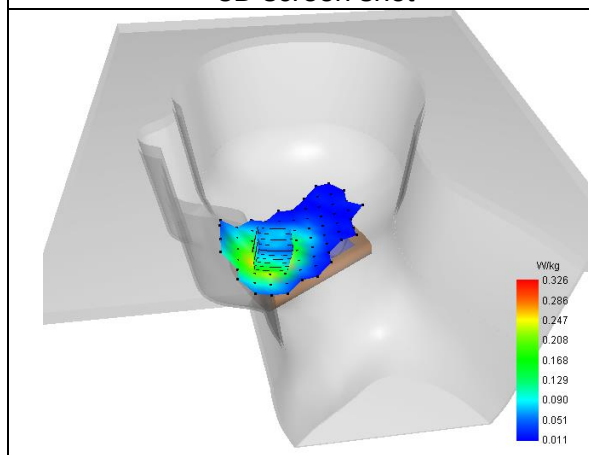
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.407	0.326	0.250	0.201	0.159	0.121	0.096

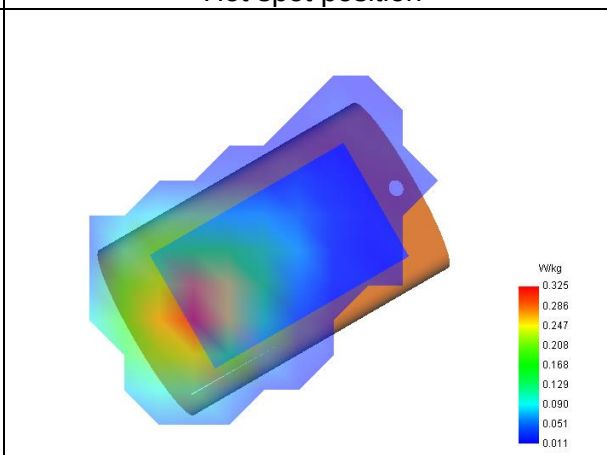


F. 3D Image

3D screen shot



Hot spot position



10# SAR Measurement at Band 5 (850) (Body, Validation Plane)

Date of measurement: 9/8/2025

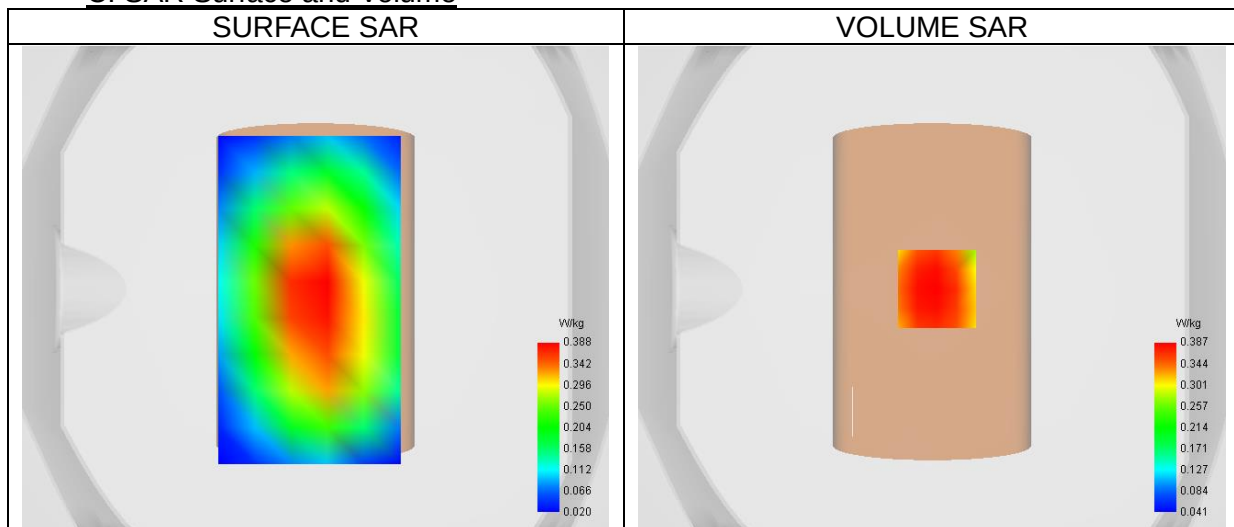
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Signal	WCDMA
Channels/Frequency	Middle (4182)/ frequency 836.40 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	41.98
Relative permittivity (imaginary part)	19.88
Conductivity (S/m)	0.92

C. SAR Surface and Volume



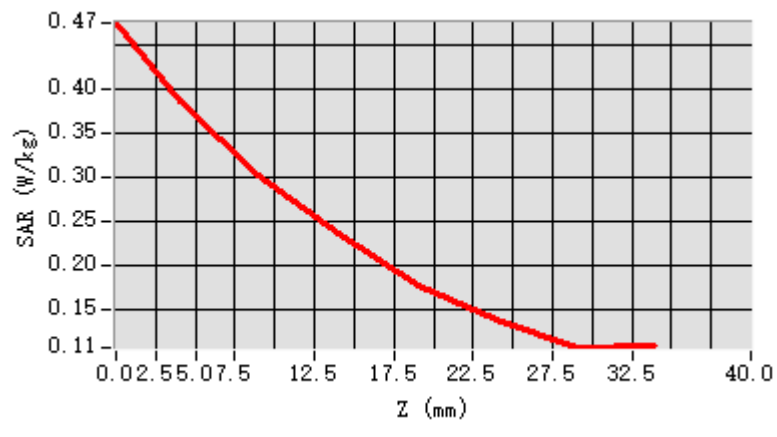
Maximum location: X=2.00, Y=0.00 ; SAR Peak: 0.48 W/kg

D. SAR 1g & 10g

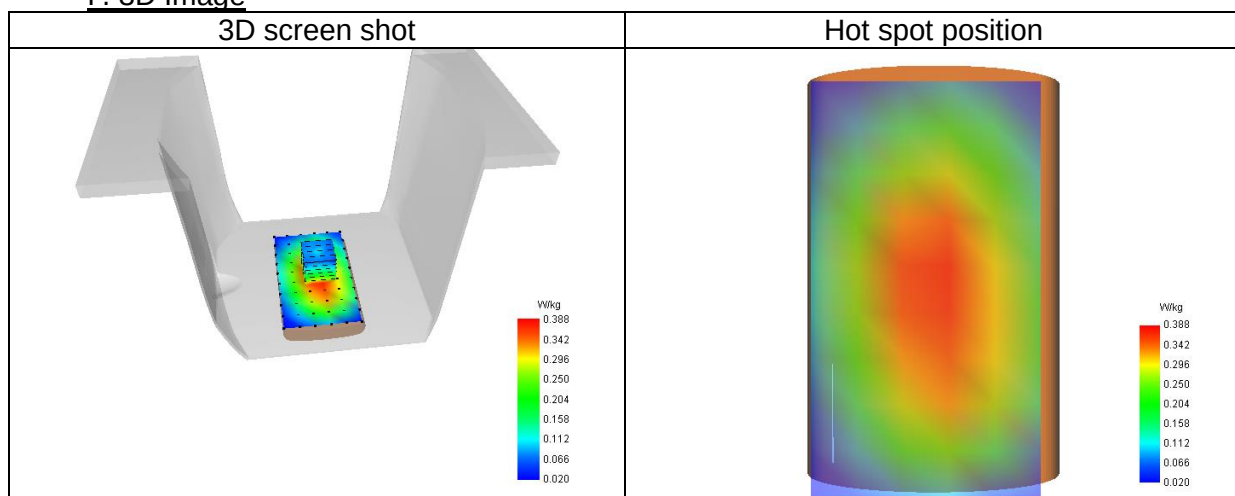
SAR 10g (W/Kg)	0.284
SAR 1g (W/Kg)	0.386
Variation (%)	-4.47
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.475	0.387	0.302	0.236	0.177	0.138	0.107



F. 3D Image



11# SAR Measurement at U-NII-1 (Cheek, Left)

Date of measurement: 1/8/2025

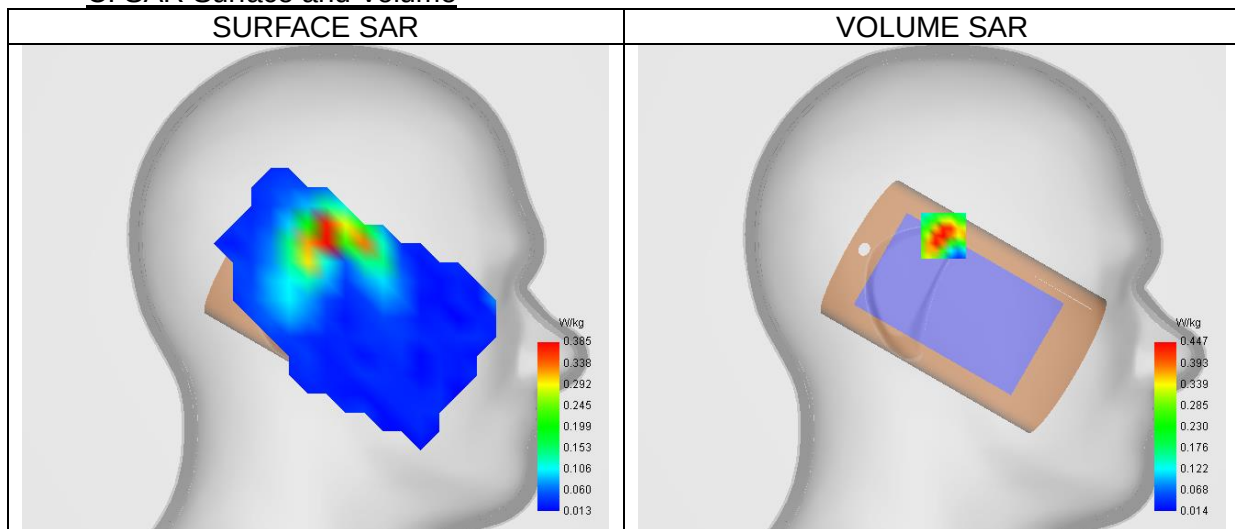
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.37
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	U-NII-1
Signal	IEEE 802.11 a
Channels/Frequency	Middle (40)/ frequency 5200.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5200.00
Relative permittivity (real part)	37.14
Relative permittivity (imaginary part)	15.65
Conductivity (S/m)	4.52

C. SAR Surface and Volume



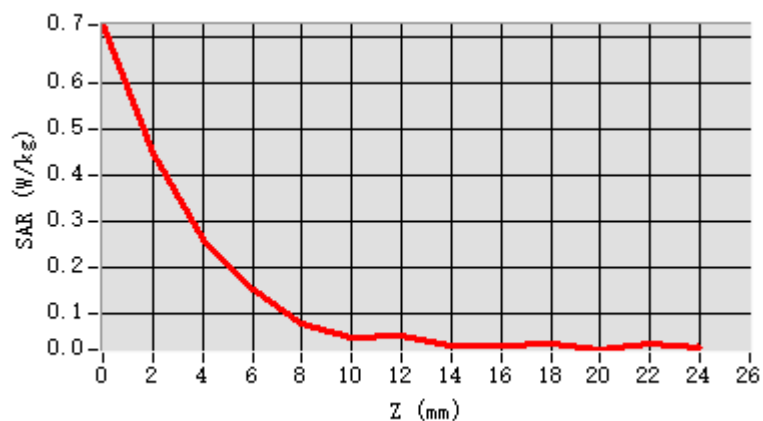
Maximum location: X=-6.00, Y=28.00 ; SAR Peak: 1.10 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.152
SAR 1g (W/Kg)	0.411
Variation (%)	1.54
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	57.53

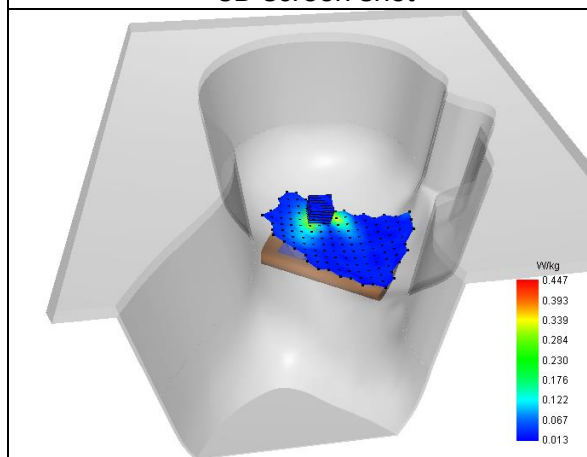
E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	0.72	0.44	0.25	0.15	0.07	0.04	0.05	0.02	0.03	0.03	0.02	0.03
	4	7	7	0	8	5	1	8	0	2	0	4

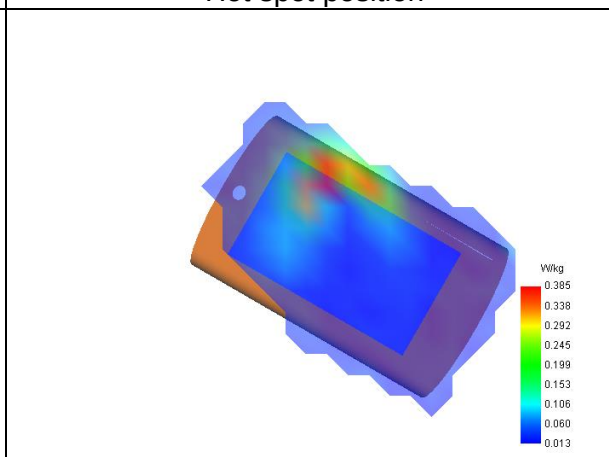


F. 3D Image

3D screen shot



Hot spot position



12# SAR Measurement at U-NII-1 (Body, Validation Plane)

Date of measurement: 1/8/2025

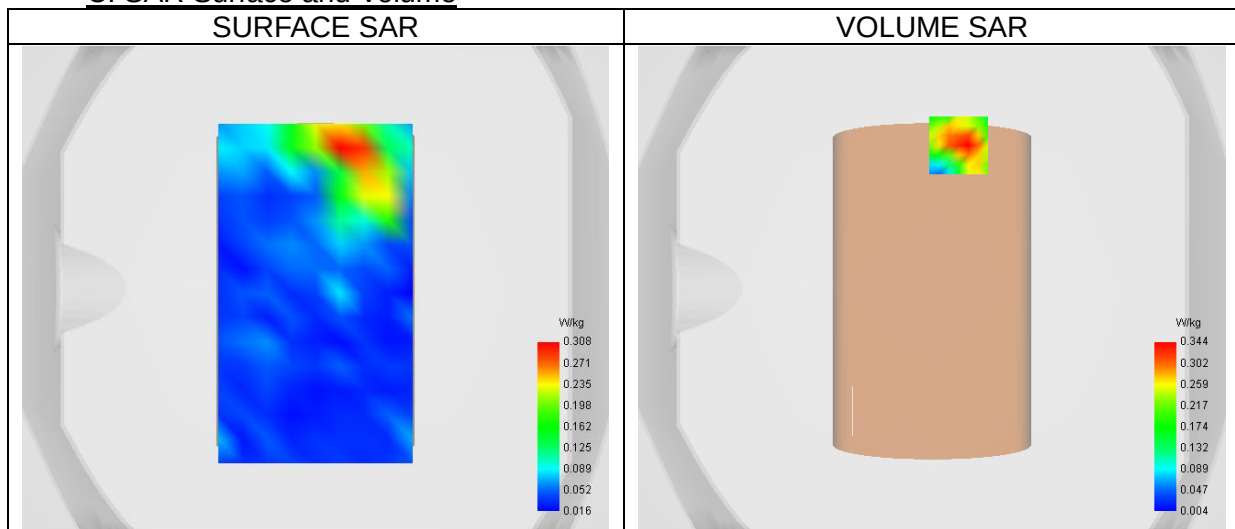
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.37
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-1
Signal	IEEE 802.11 a
Channels/Frequency	Middle (40)/ frequency 5200.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5200.00
Relative permittivity (real part)	37.14
Relative permittivity (imaginary part)	15.65
Conductivity (S/m)	4.52

C. SAR Surface and Volume



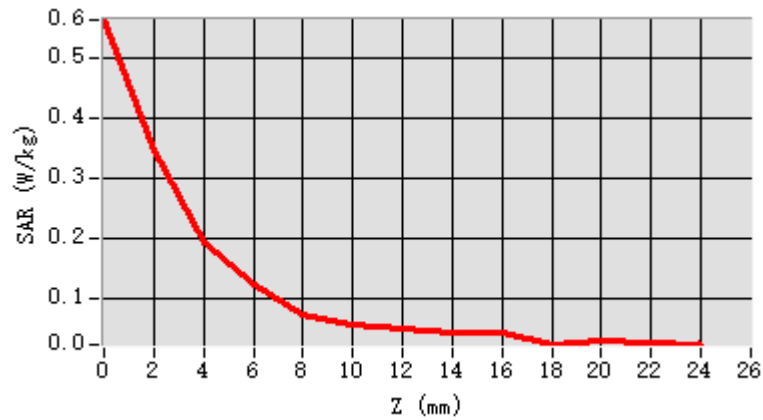
Maximum location: X=11.00, Y=59.00 ; SAR Peak: 0.65 W/kg

D. SAR 1g & 10g

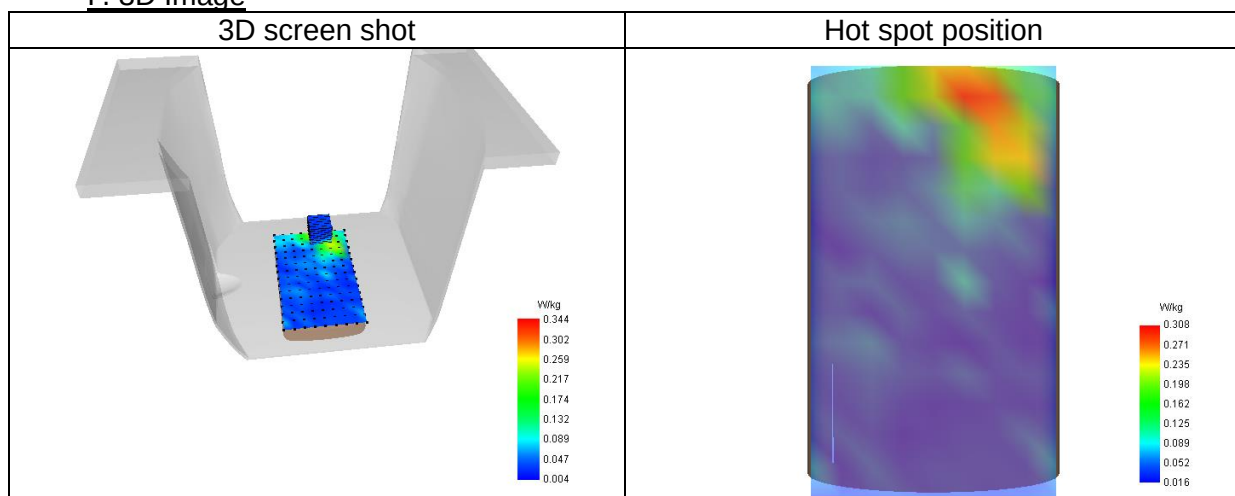
SAR 10g (W/Kg)	0.084
SAR 1g (W/Kg)	0.198
Variation (%)	0.12
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	64.54

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
						0	0	0	0	0	0	0
SAR (W/Kg)	0.56	0.34	0.19	0.12	0.07	0.05	0.04	0.04	0.04	0.02	0.02	0.02
	2	4	2	2	3	7	9	5	4	3	9	7



F. 3D Image



13# SAR Measurement at U-NII-3 (Cheek, Left)

Date of measurement: 2/8/2025

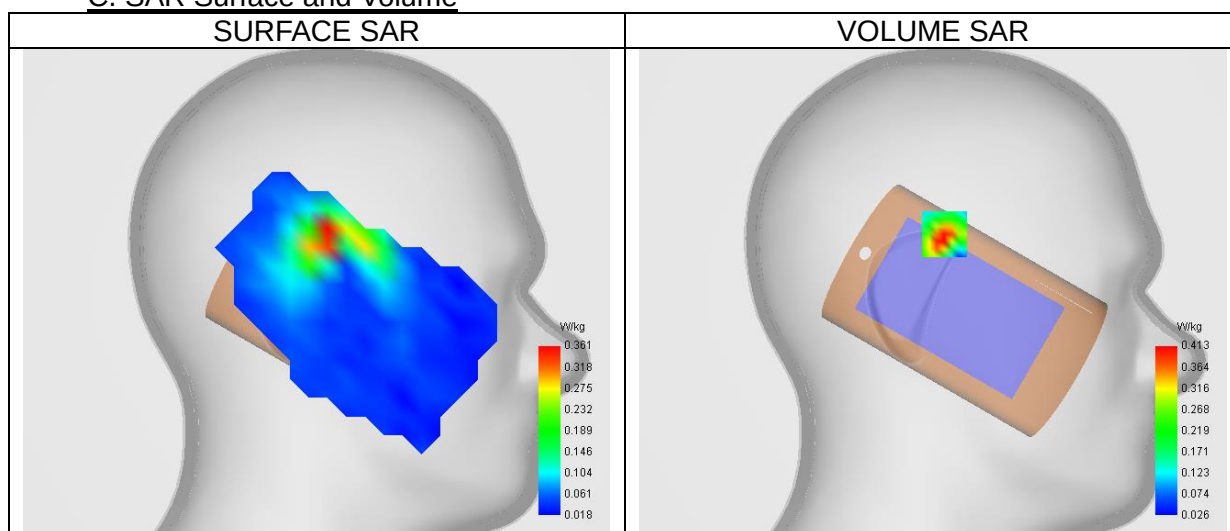
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.35
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	U-NII-3
Signal	IEEE 802.11 a
Channels/Frequency	Middle (157)/ frequency 5785.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5785.00
Relative permittivity (real part)	35.83
Relative permittivity (imaginary part)	15.77
Conductivity (S/m)	5.07

C. SAR Surface and Volume



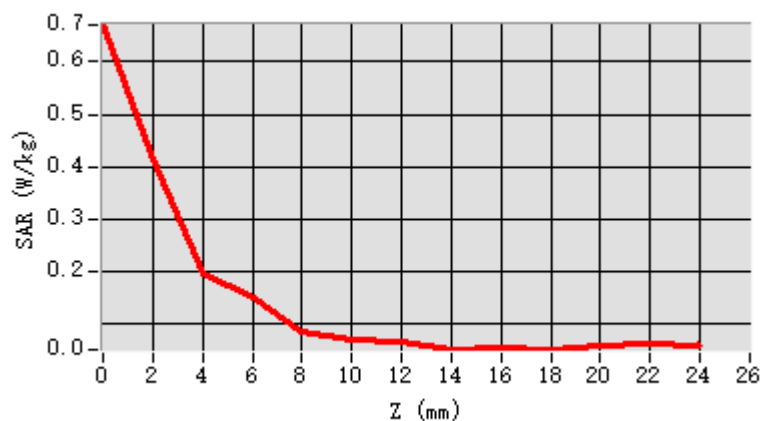
Maximum location: X=-6.00, Y=31.00 ; SAR Peak: 1.04 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.390
Variation (%)	3.27
Horizontal validation criteria: minimum distance (mm)	5.66
Vertical validation criteria: SAR ratio M2/M1 (%)	58.70

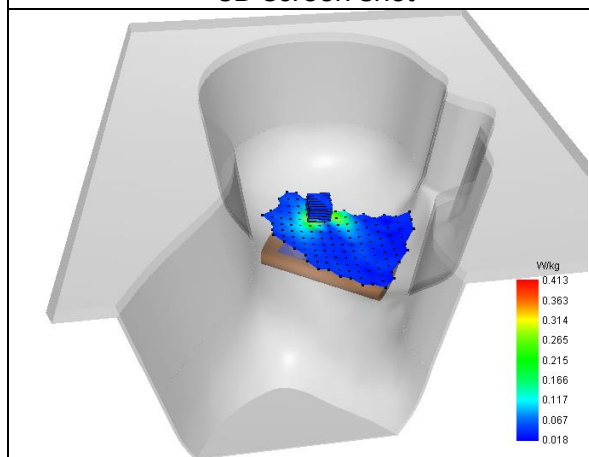
E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	0.67	0.41	0.19	0.14	0.08	0.06	0.06	0.04	0.05	0.04	0.05	0.06
	1	3	6	7	1	8	4	9	2	8	5	0

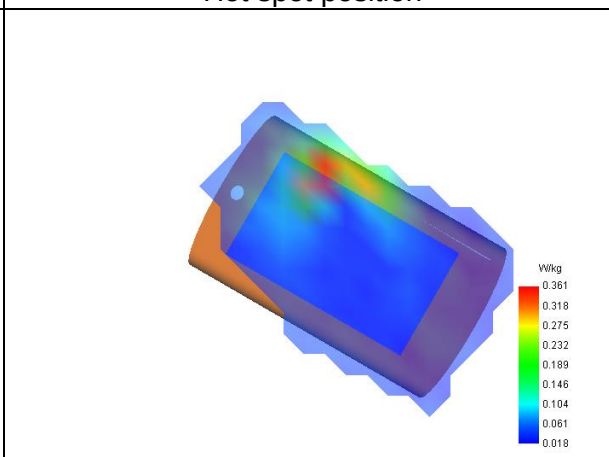


F. 3D Image

3D screen shot



Hot spot position



14# SAR Measurement at U-NII-3 (Body, Validation Plane)

Date of measurement: 2/8/2025

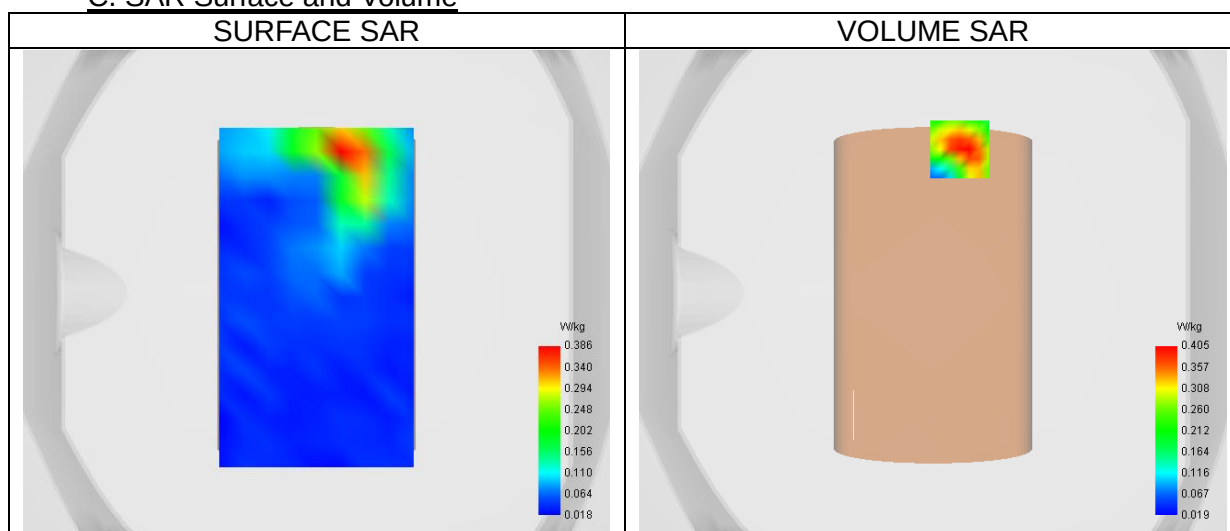
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.35
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-3
Signal	IEEE 802.11 a
Channels/Frequency	Middle (157)/ frequency 5785.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5785.00
Relative permittivity (real part)	35.83
Relative permittivity (imaginary part)	15.77
Conductivity (S/m)	5.07

C. SAR Surface and Volume



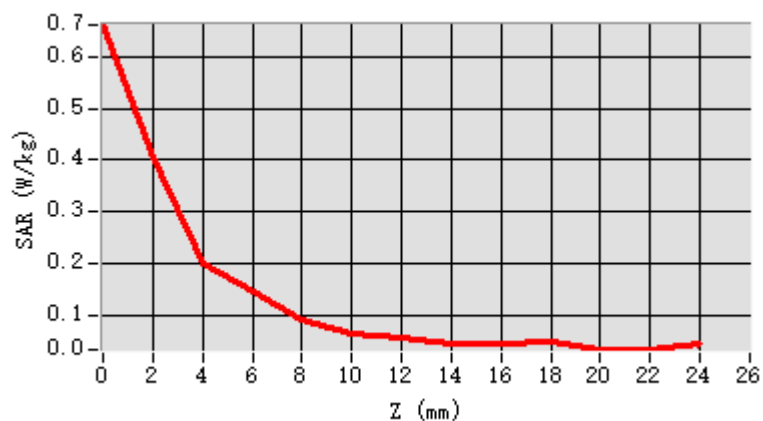
Maximum location: X=11.00, Y=59.00 ; SAR Peak: 0.70 W/kg

D. SAR 1g & 10g

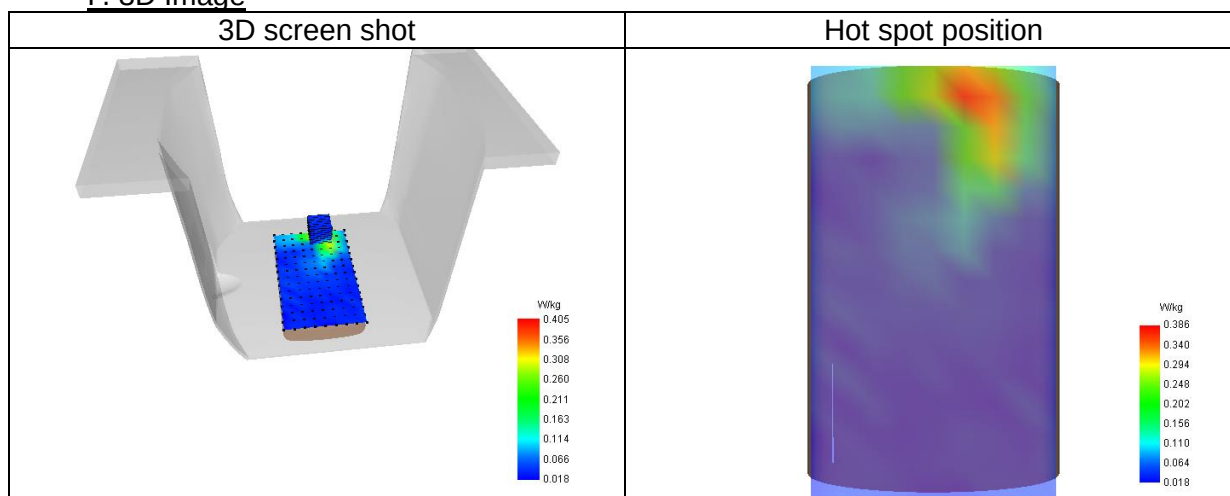
SAR 10g (W/Kg)	0.111
SAR 1g (W/Kg)	0.248
Variation (%)	1.25
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	57.39

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	0.66	0.40	0.20	0.14	0.09	0.06	0.05	0.04	0.04	0.04	0.03	0.03
	1	5	1	4	1	5	7	6	4	8	3	3



F. 3D Image



15# SAR Measurement at ISM (Cheek, Left)

Date of measurement: 4/8/2025

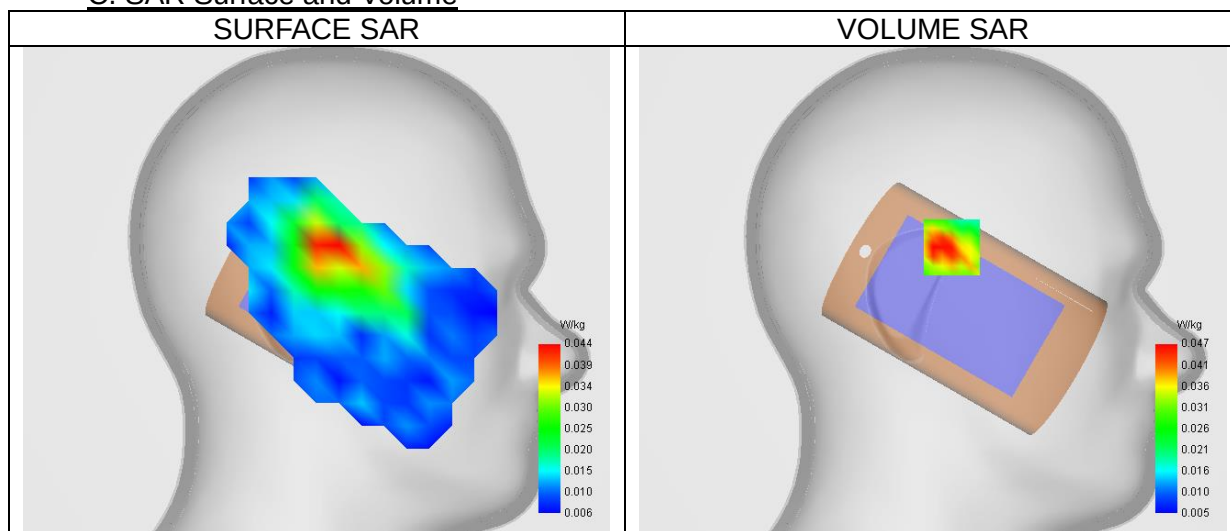
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.63
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11 b
Channels/Frequency	Middle (6)/ frequency 2437.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	2437.00
Relative permittivity (real part)	38.37
Relative permittivity (imaginary part)	13.36
Conductivity (S/m)	1.81

C. SAR Surface and Volume



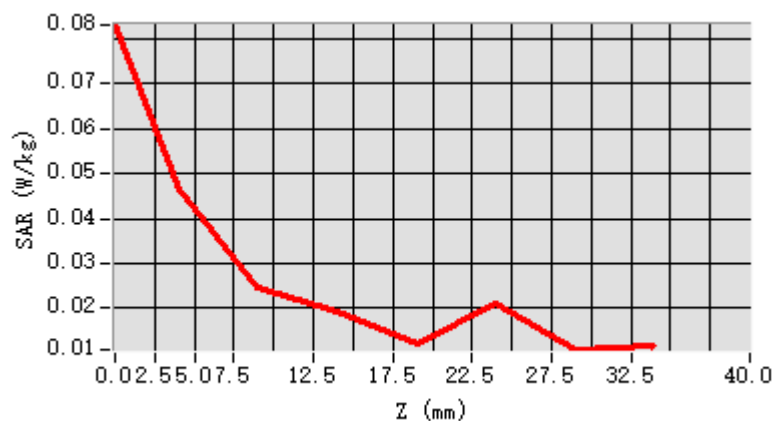
Maximum location: X=-10.00, Y=23.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.024
SAR 1g (W/Kg)	0.043
Variation (%)	1.22
Horizontal validation criteria: minimum distance (mm)	18.03
Vertical validation criteria: SAR ratio M2/M1 (%)	65.33

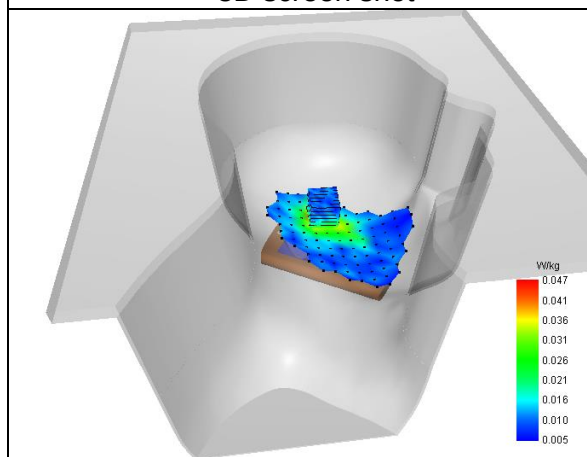
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.083	0.047	0.025	0.020	0.012	0.021	0.011

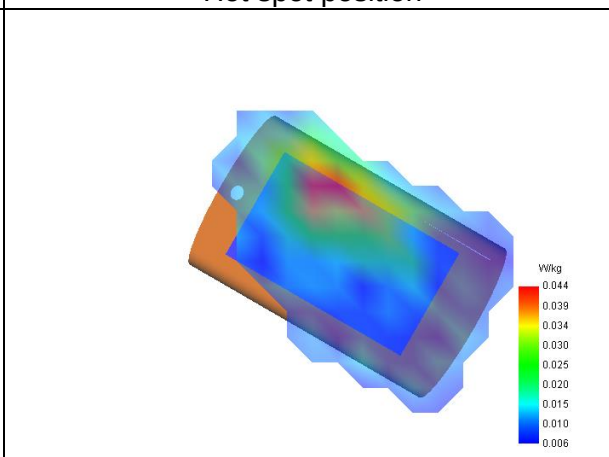


F. 3D Image

3D screen shot



Hot spot position



16# SAR Measurement at ISM (Body, Validation Plane)

Date of measurement: 4/8/2025

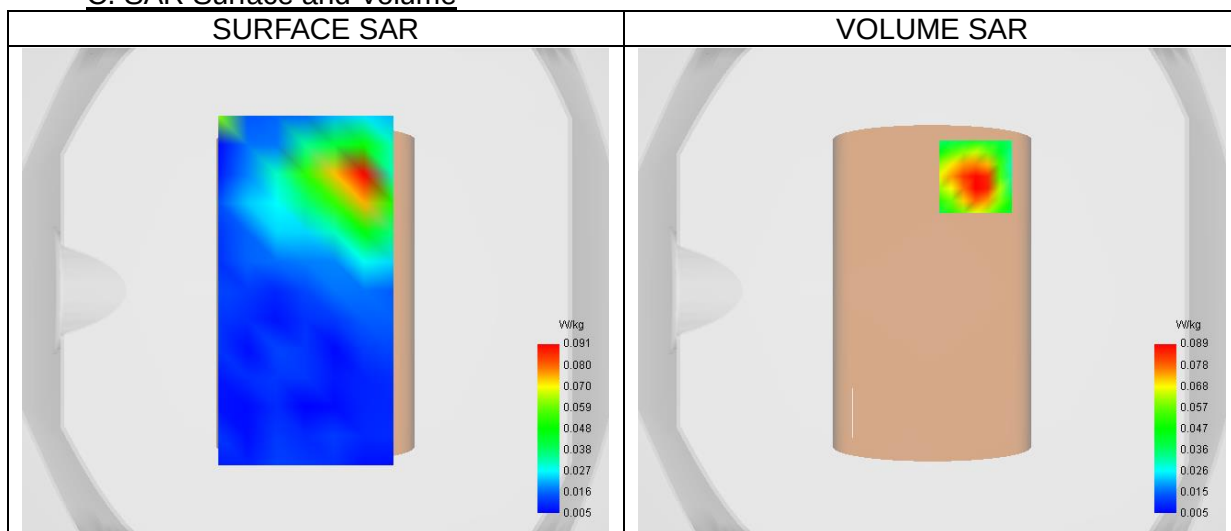
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.63
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Body
Band	ISM
Signal	IEEE 802.11 b
Channels/Frequency	Middle (6)/ frequency 2437.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	2437.00
Relative permittivity (real part)	38.37
Relative permittivity (imaginary part)	13.36
Conductivity (S/m)	1.81

C. SAR Surface and Volume



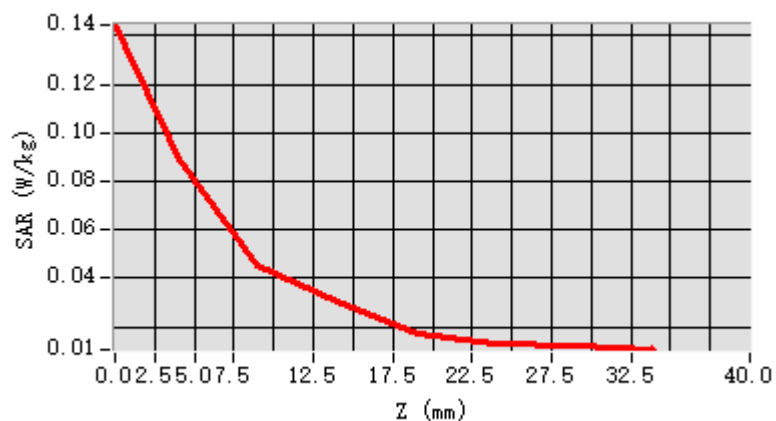
Maximum location: X=18.00, Y=47.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

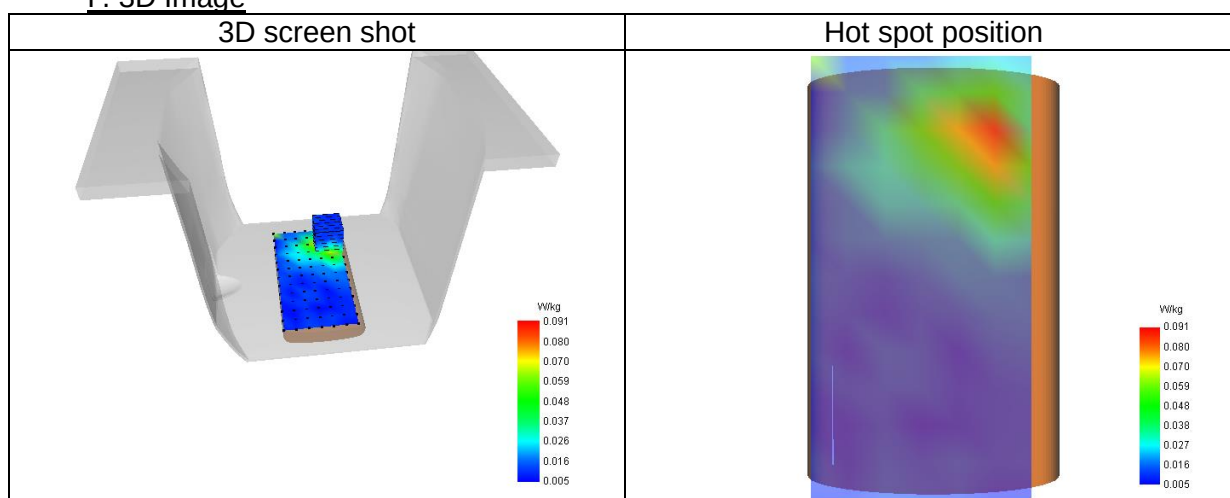
SAR 10g (W/Kg)	0.044
SAR 1g (W/Kg)	0.083
Variation (%)	-4.51
Horizontal validation criteria: minimum distance (mm)	15.00
Vertical validation criteria: SAR ratio M2/M1 (%)	57.38

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.144	0.089	0.046	0.030	0.017	0.013	0.013



F. 3D Image



17# SAR Measurement at LTE band 2 (Cheek, Right)

Date of measurement: 10/8/2025

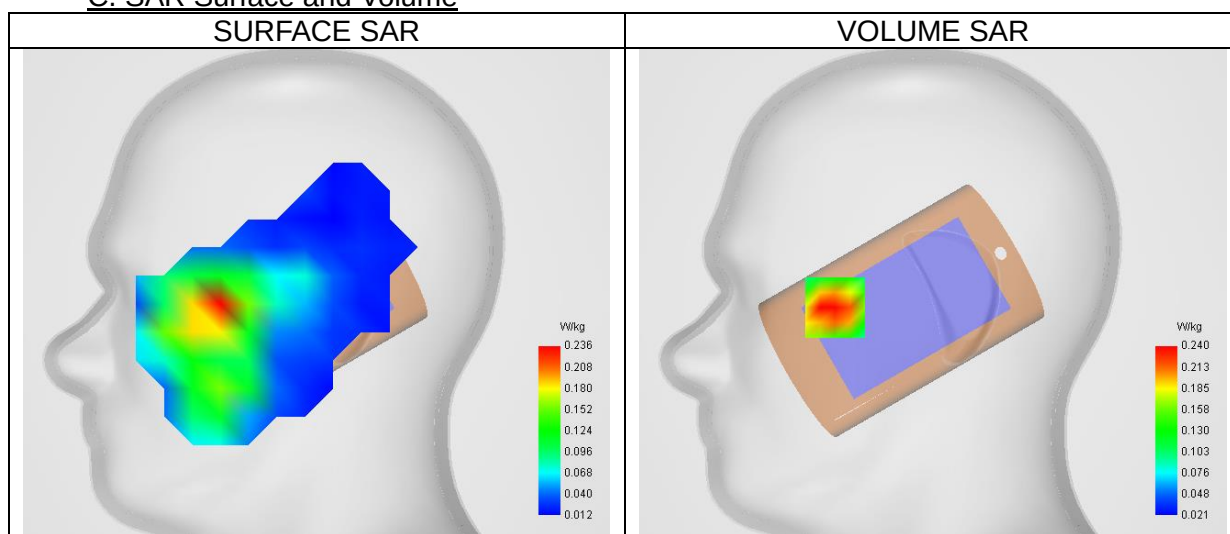
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 2
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (18900)/ frequency 1880.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1880.00

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	38.26
Relative permittivity (imaginary part)	13.60
Conductivity (S/m)	1.42

C. SAR Surface and Volume



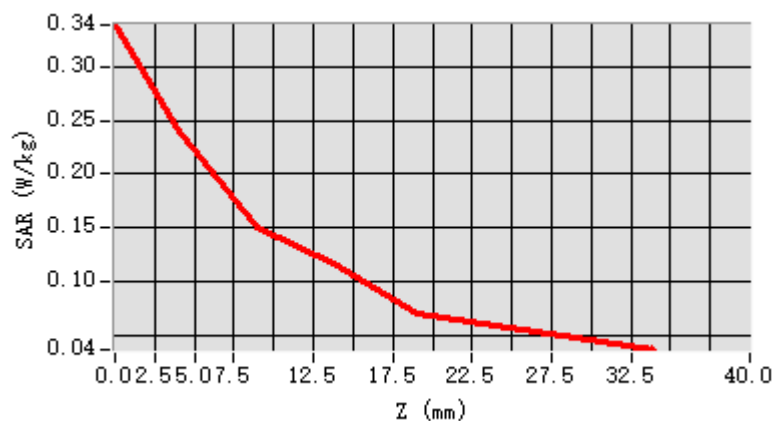
Maximum location: X=-52.00, Y=-8.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.147
SAR 1g (W/Kg)	0.235
Variation (%)	2.37
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	69.13

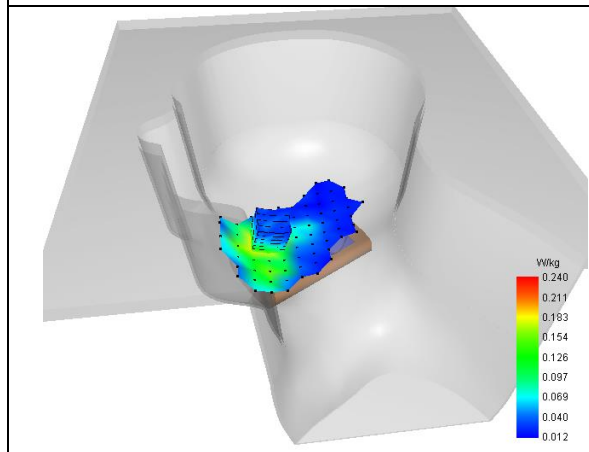
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.339	0.240	0.151	0.115	0.070	0.059	0.048

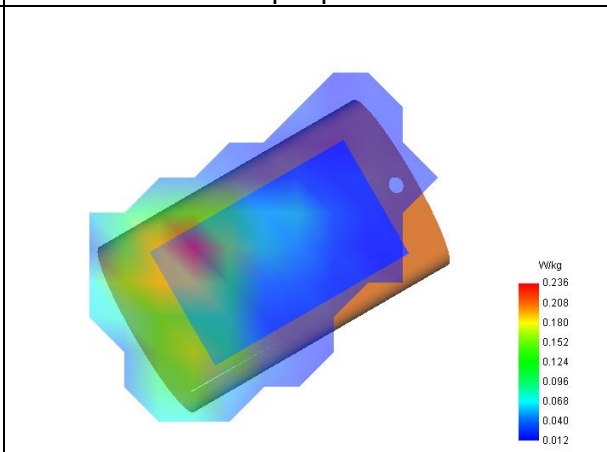


F. 3D Image

3D screen shot



Hot spot position



18# SAR Measurement at LTE band 2 (Body, Validation Plane)

Date of measurement: 10/8/2025

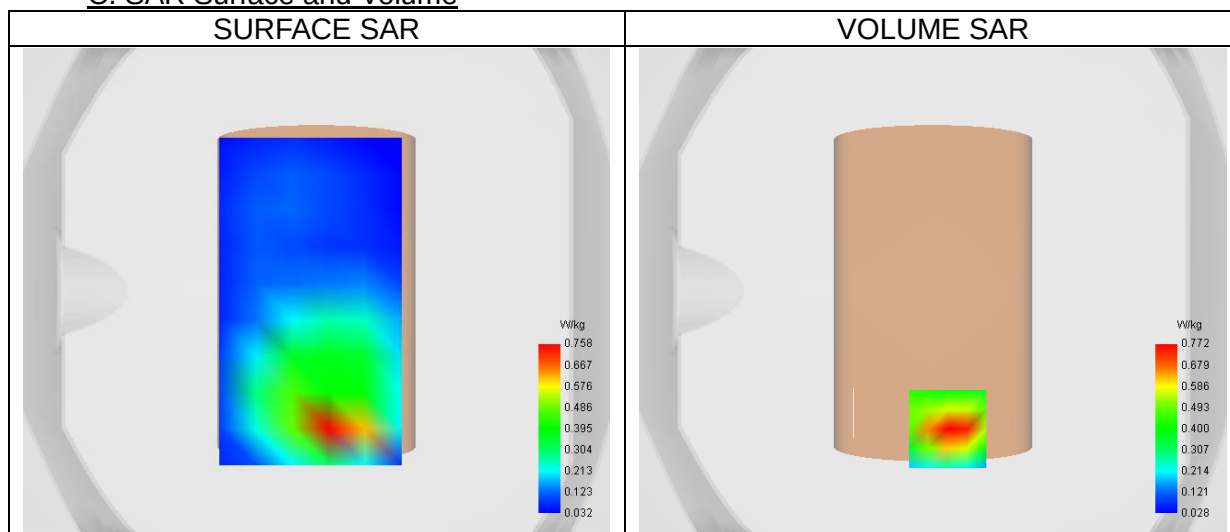
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (18900)/ frequency 1880.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1880.00

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	38.26
Relative permittivity (imaginary part)	13.60
Conductivity (S/m)	1.42

C. SAR Surface and Volume



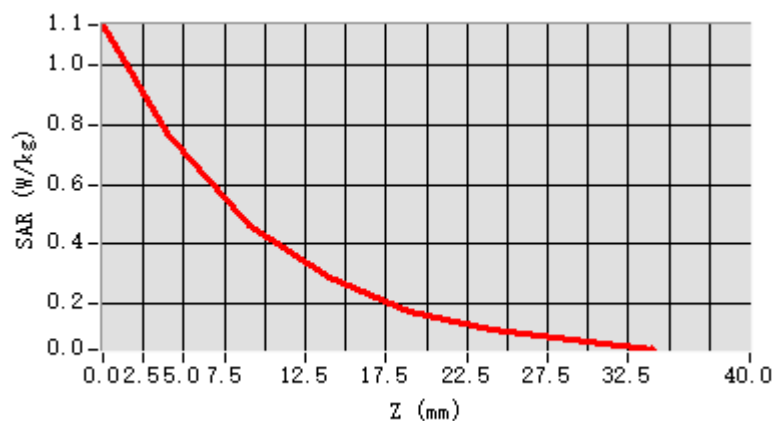
Maximum location: X=6.00, Y=-57.00 ; SAR Peak: 1.16 W/kg

D. SAR 1g & 10g

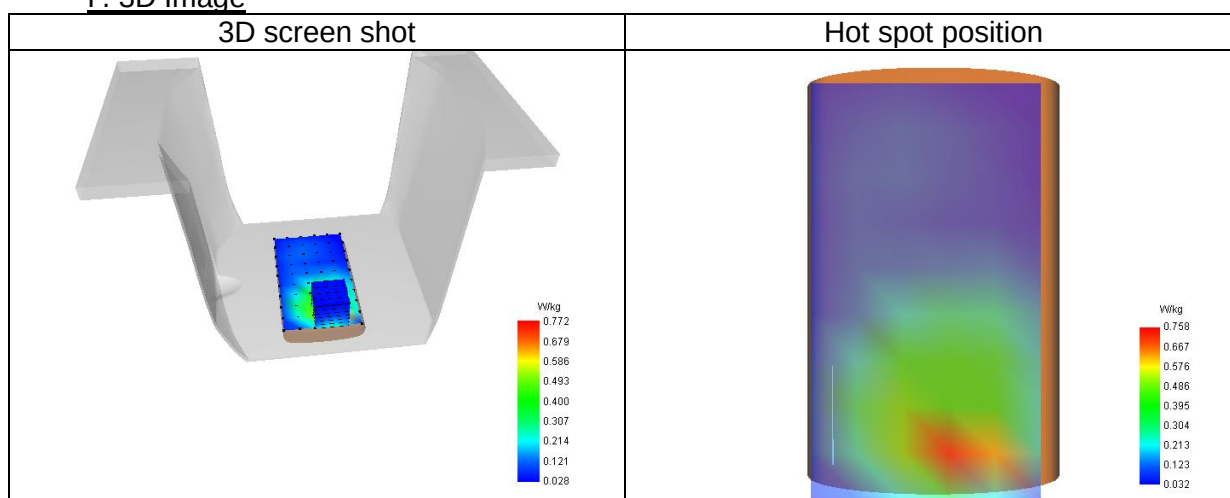
SAR 10g (W/Kg)	0.398
SAR 1g (W/Kg)	0.738
Variation (%)	-1.68
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	59.90

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.137	0.772	0.463	0.290	0.175	0.112	0.079



F. 3D Image



19# SAR Measurement at LTE band 4 (Cheek, Right)

Date of measurement: 8/8/2025

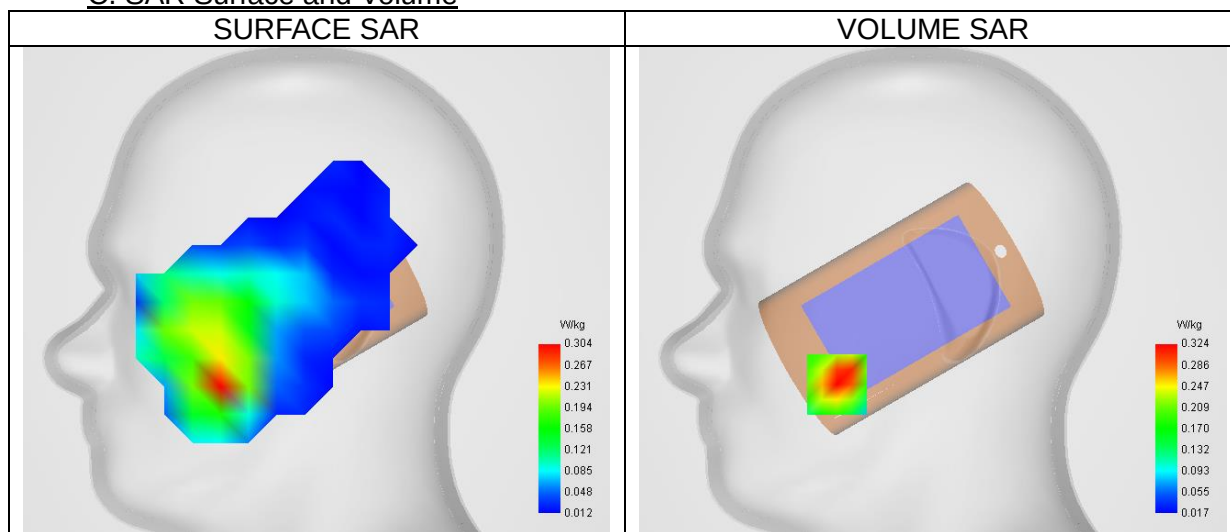
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.50
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 4
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20175)/ frequency 1732.50 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1732.50

B. Permittivity

Middle TX Frequency (MHz)	1732.50
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.75
Conductivity (S/m)	1.32

C. SAR Surface and Volume



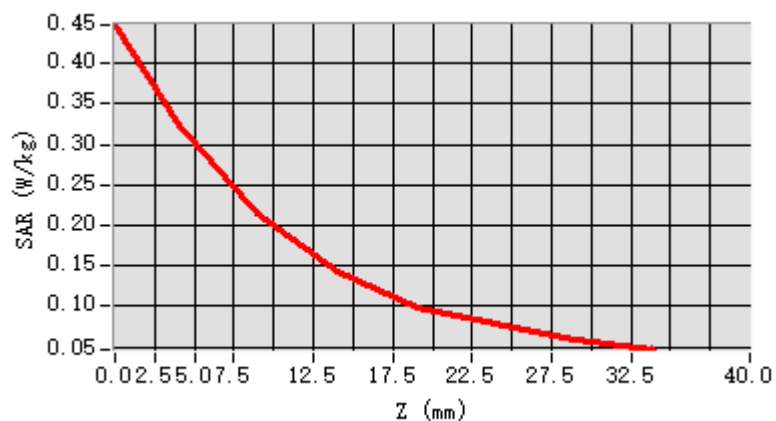
Maximum location: X=-51.00, Y=-50.00 ; SAR Peak: 0.47 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.187
SAR 1g (W/Kg)	0.309
Variation (%)	0.08
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	66.09

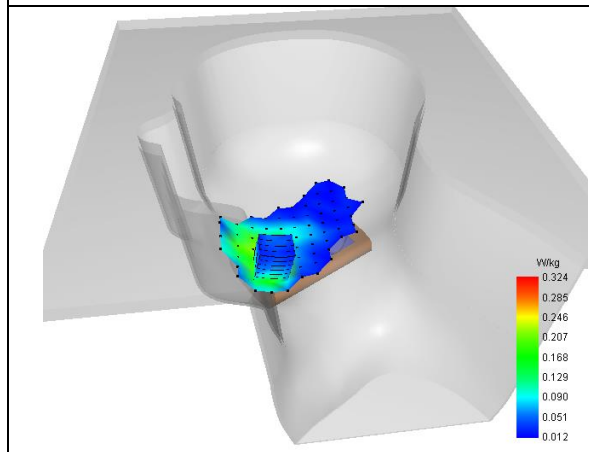
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.448	0.324	0.214	0.144	0.098	0.079	0.060

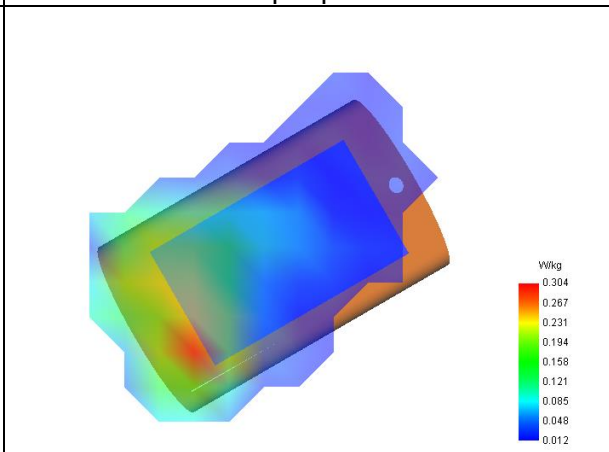


F. 3D Image

3D screen shot



Hot spot position



20# SAR Measurement at LTE band 4 (Body, Validation Plane)

Date of measurement: 8/8/2025

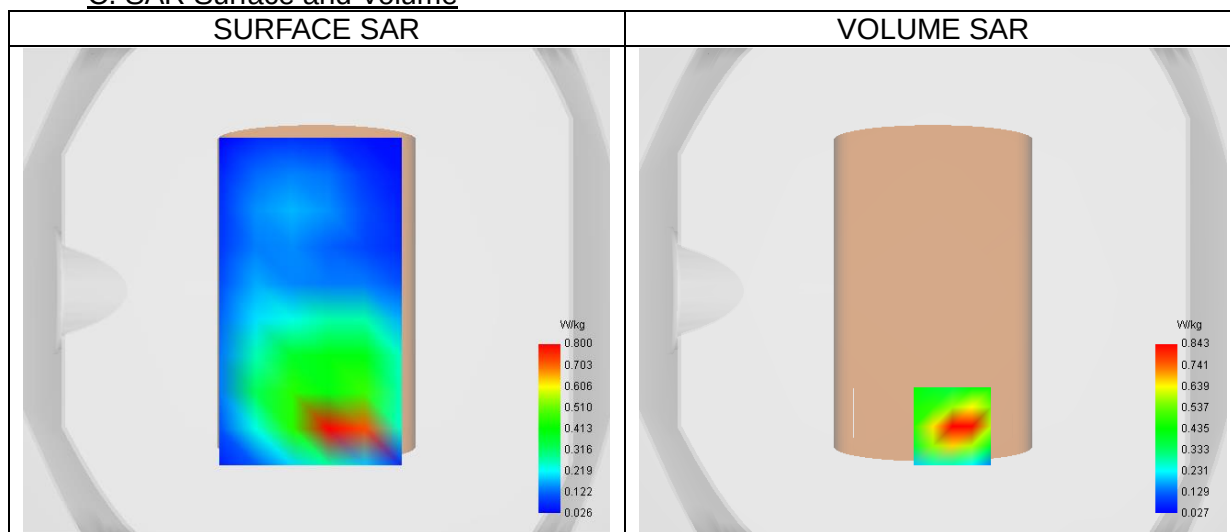
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.50
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20175)/ frequency 1732.50 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1732.50

B. Permittivity

Middle TX Frequency (MHz)	1732.50
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.75
Conductivity (S/m)	1.32

C. SAR Surface and Volume



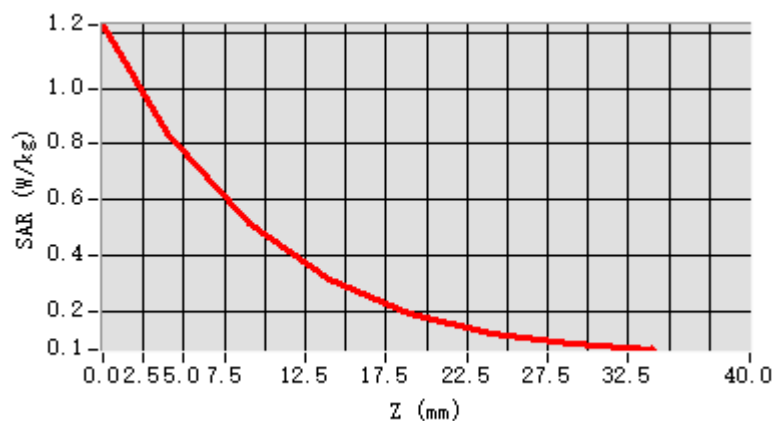
Maximum location: X=8.00, Y=-56.00 ; SAR Peak: 1.29 W/kg

D. SAR 1g & 10g

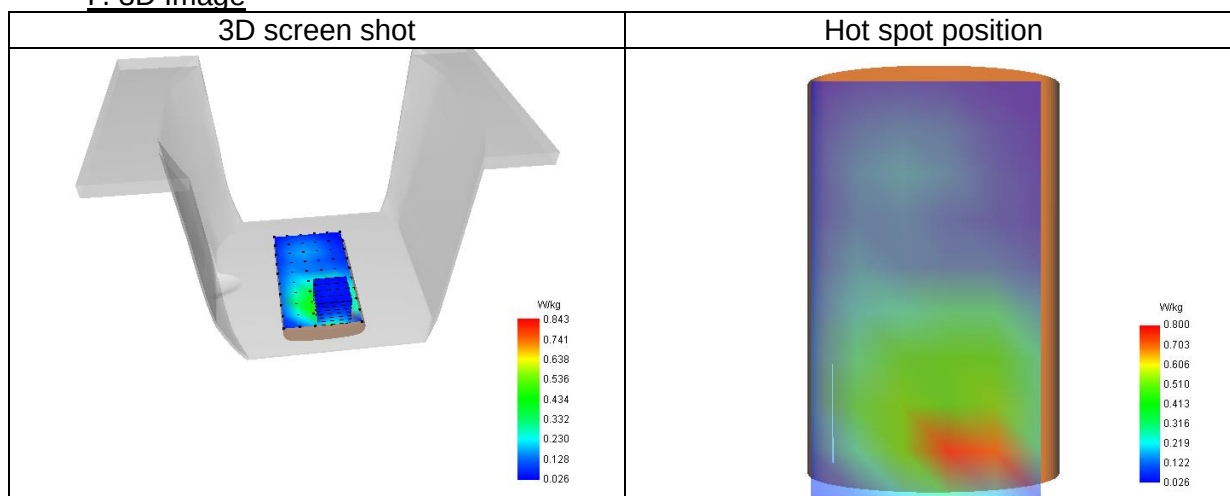
SAR 10g (W/Kg)	0.427
SAR 1g (W/Kg)	0.797
Variation (%)	1.45
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	60.98

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.229	0.843	0.514	0.314	0.192	0.122	0.084



F. 3D Image



21# SAR Measurement at LTE band 5 (Cheek, Right)

Date of measurement: 9/8/2025

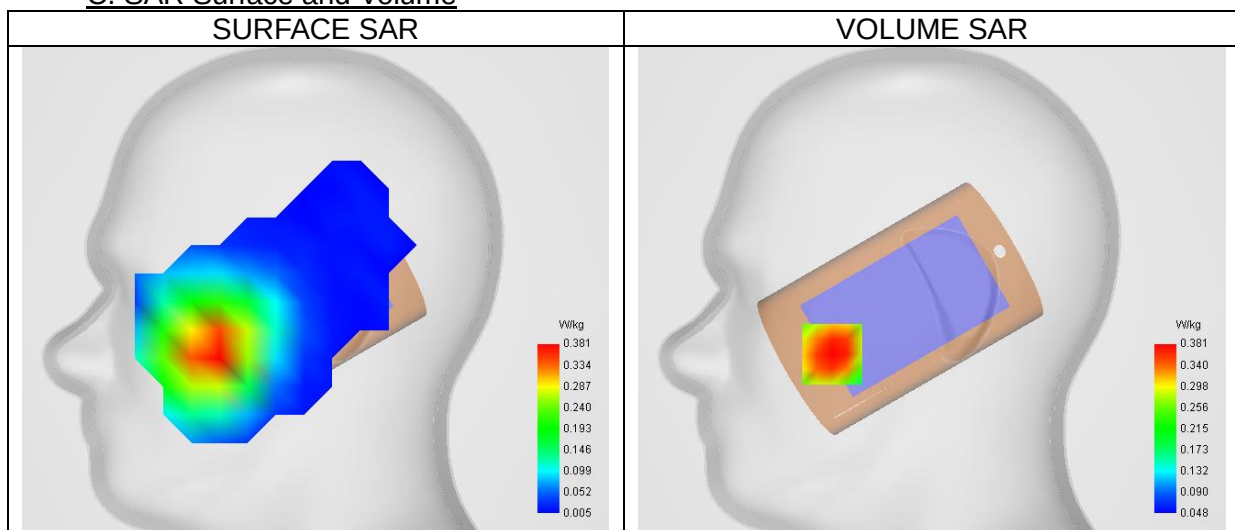
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 5
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20525)/ frequency 836.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	836.50

B. Permittivity

Middle TX Frequency (MHz)	836.50
Relative permittivity (real part)	41.98
Relative permittivity (imaginary part)	19.87
Conductivity (S/m)	0.92

C. SAR Surface and Volume



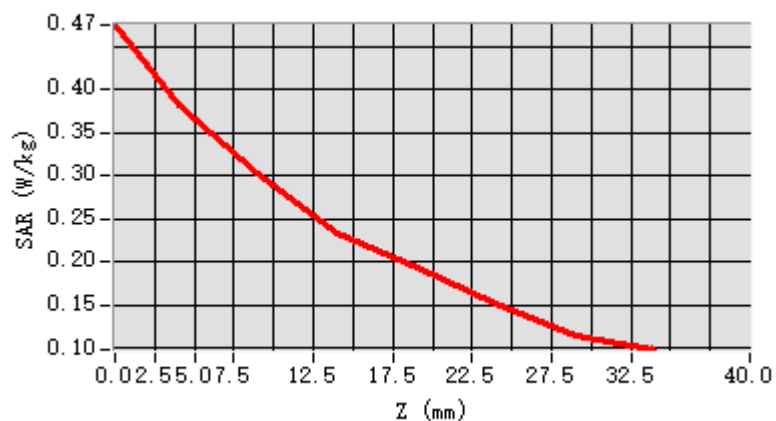
Maximum location: X=-53.00, Y=-34.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.270
SAR 1g (W/Kg)	0.377
Variation (%)	0.20
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	79.49

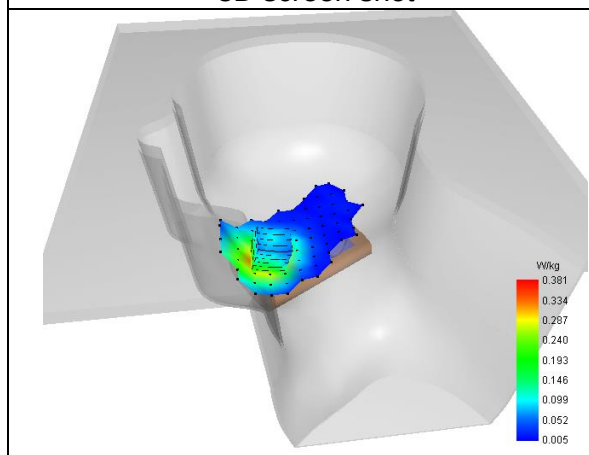
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.475	0.381	0.303	0.233	0.193	0.152	0.114

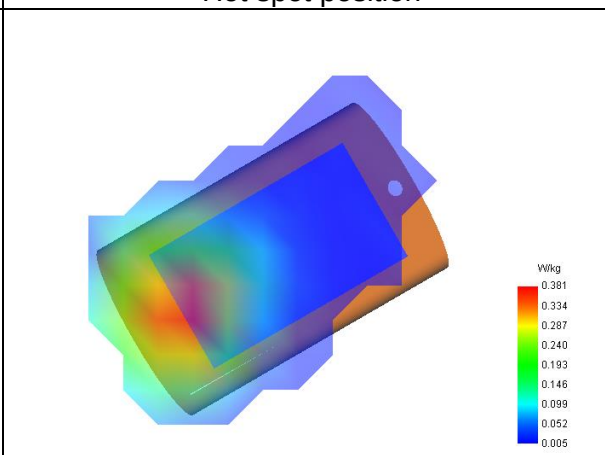


F. 3D Image

3D screen shot



Hot spot position



22# SAR Measurement at LTE band 5 (Body, Validation Plane)

Date of measurement: 9/8/2025

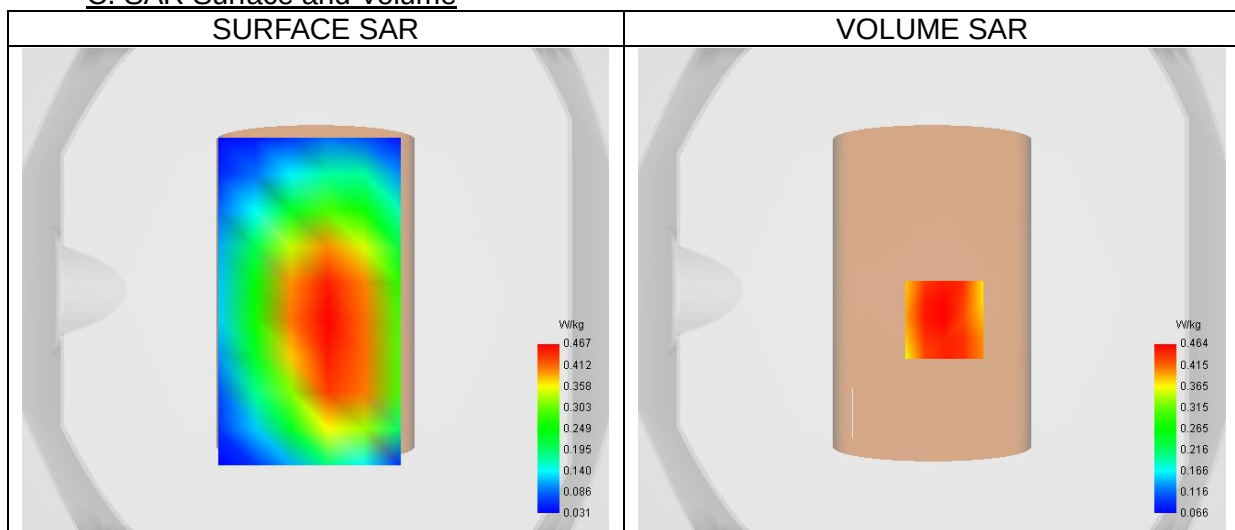
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20525)/ frequency 836.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	836.50

B. Permittivity

Middle TX Frequency (MHz)	836.50
Relative permittivity (real part)	41.98
Relative permittivity (imaginary part)	19.87
Conductivity (S/m)	0.92

C. SAR Surface and Volume



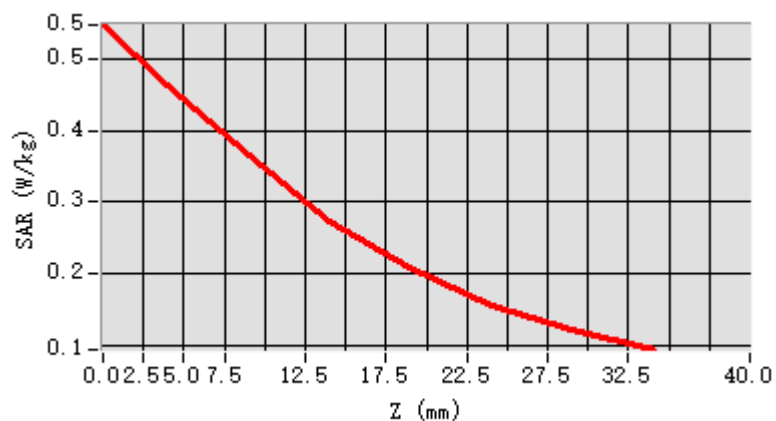
Maximum location: X=5.00, Y=-12.00 ; SAR Peak: 0.60 W/kg

D. SAR 1g & 10g

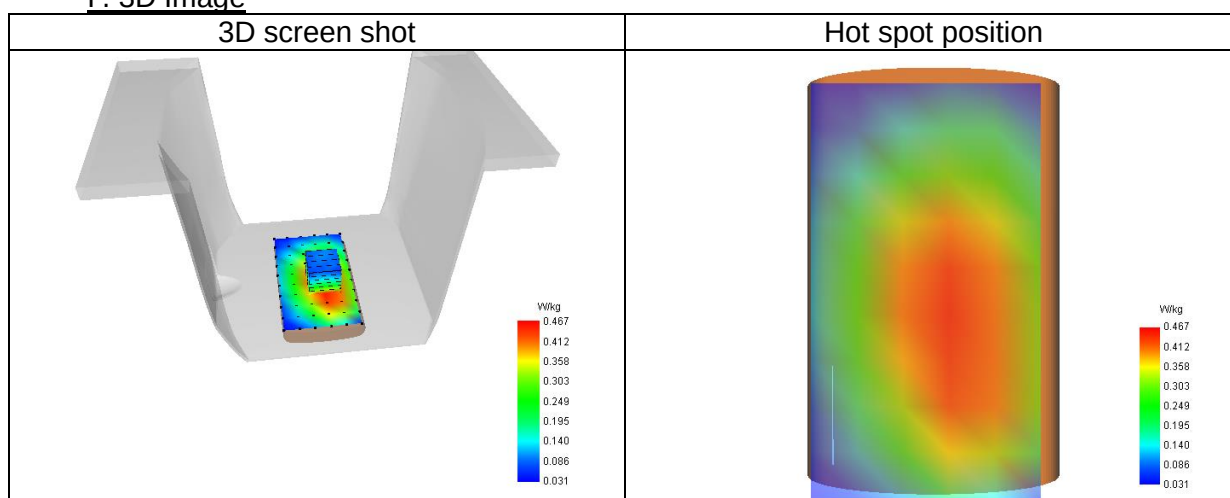
SAR 10g (W/Kg)	0.319
SAR 1g (W/Kg)	0.456
Variation (%)	-2.51
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.547	0.464	0.365	0.273	0.210	0.155	0.123



F. 3D Image



23# SAR Measurement at LTE band 7 (Cheek, Left)

Date of measurement: 7/8/2025

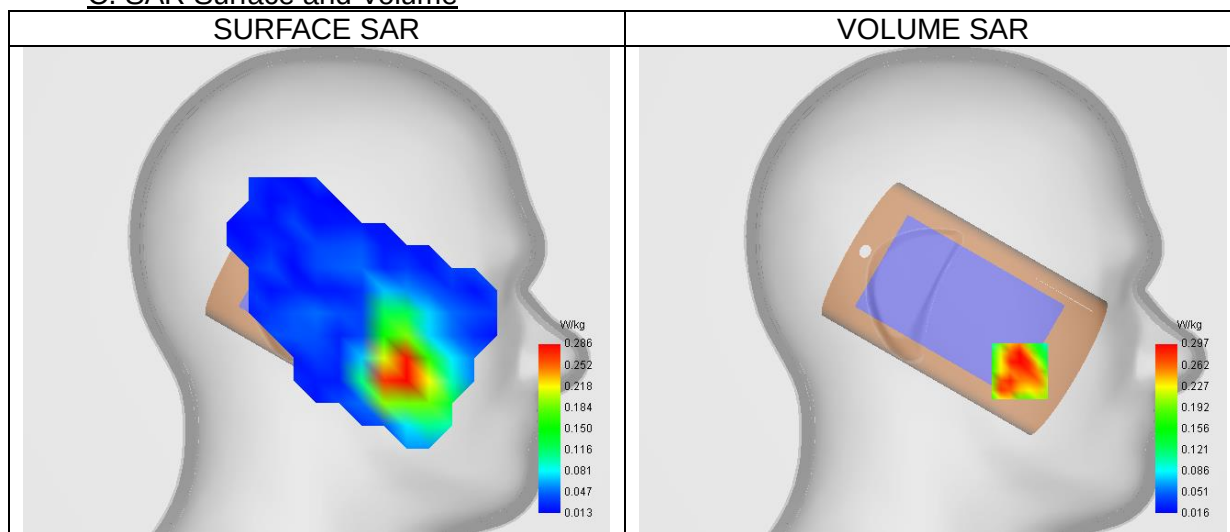
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.52
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 7
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (21100)/ frequency 2535.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	2535.00

B. Permittivity

Middle TX Frequency (MHz)	2535.00
Relative permittivity (real part)	39.61
Relative permittivity (imaginary part)	13.30
Conductivity (S/m)	1.87

C. SAR Surface and Volume



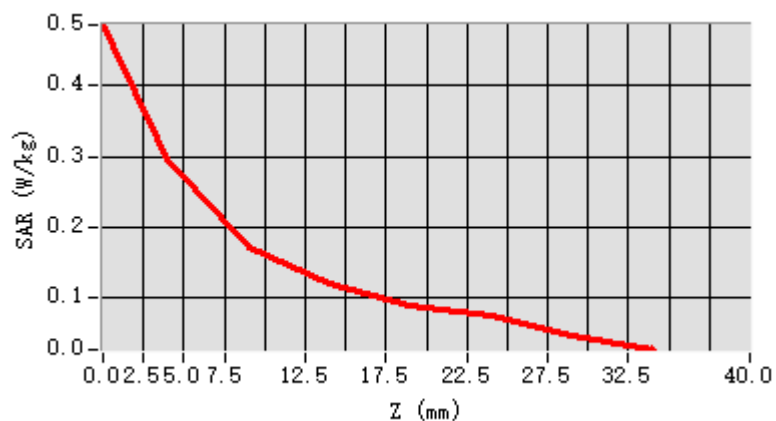
Maximum location: X=-46.00, Y=-43.00 ; SAR Peak: 0.47 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.149
SAR 1g (W/Kg)	0.274
Variation (%)	-4.86
Horizontal validation criteria: minimum distance (mm)	14.14
Vertical validation criteria: SAR ratio M2/M1 (%)	64.23

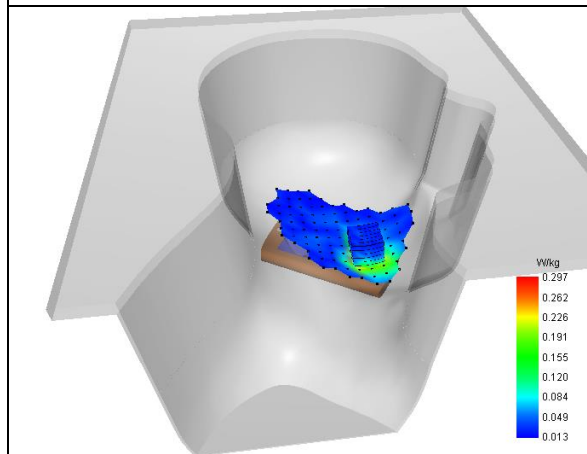
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.485	0.297	0.170	0.120	0.089	0.075	0.048

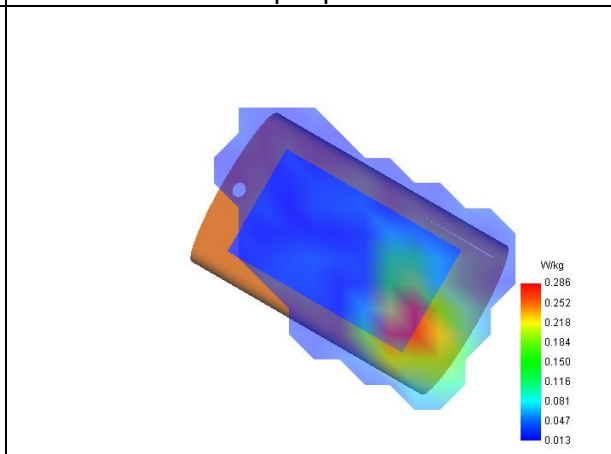


F. 3D Image

3D screen shot



Hot spot position



24# SAR Measurement at LTE band 7 (Body, Validation Plane)

Date of measurement: 7/8/2025

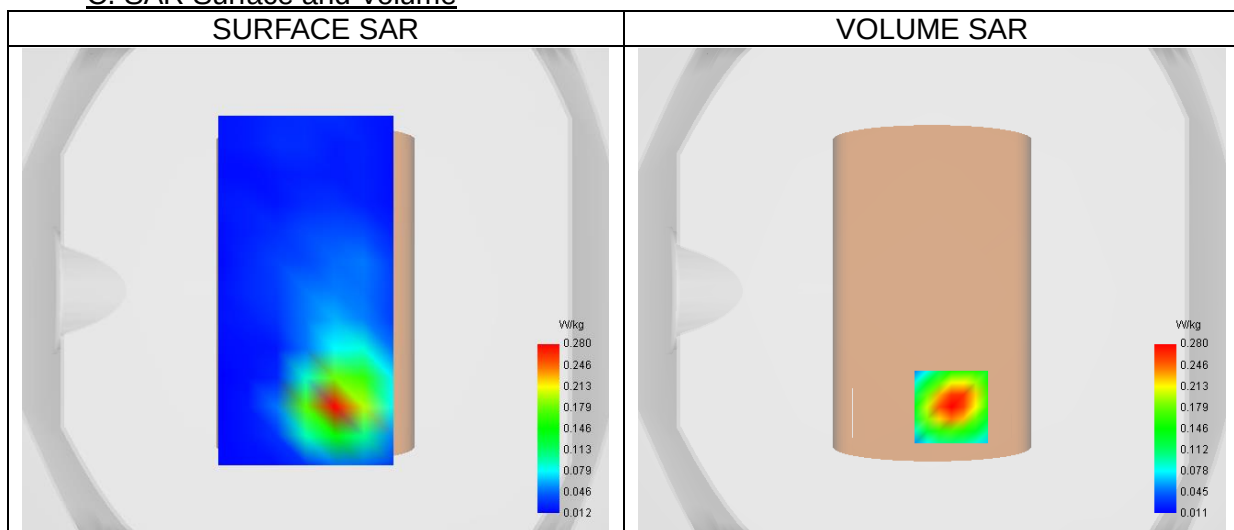
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.52
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7, dx=5mm dy=5mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (21100)/ frequency 2535.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	2535.00

B. Permittivity

Middle TX Frequency (MHz)	2535.00
Relative permittivity (real part)	39.61
Relative permittivity (imaginary part)	13.30
Conductivity (S/m)	1.87

C. SAR Surface and Volume



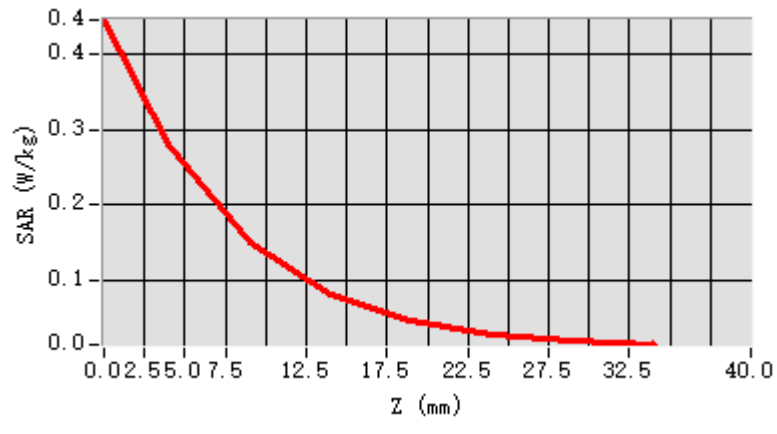
Maximum location: X=8.00, Y=-48.00 ; SAR Peak: 0.44 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.131
SAR 1g (W/Kg)	0.257
Variation (%)	-0.48
Horizontal validation criteria: minimum distance (mm)	14.14
Vertical validation criteria: SAR ratio M2/M1 (%)	53.88

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.445	0.280	0.151	0.082	0.048	0.028	0.022



F. 3D Image

