

Hotspot with 10mm								(W/Kg)		
1RB										
Front Side	132322/1745	20M QPSK(1,0)	0.072	0.043	-1.93	23.83	24.50	0.084	2025/9/11	
Back Side	132322/1745	20M QPSK(1,0)	0.085	0.052	1.25	23.83	24.50	0.099	2025/9/11	32#
Left Side	132322/1745	20M QPSK(1,0)	0.052	0.031	0.01	23.83	24.50	0.061	2025/9/11	
Right Side	132322/1745	20M QPSK(1,0)	0.042	0.025	0.67	23.83	24.50	0.049	2025/9/11	
Bottom Side	132322/1745	20M QPSK(1,0)	0.080	0.048	-3.04	23.83	24.50	0.093	2025/9/11	
50%RB										
Front Side	132322/1745	20M QPSK(50,0)	0.041	0.022	3.38	22.82	23.00	0.043	2025/9/11	
Back Side	132322/1745	20M QPSK(50,0)	0.049	0.027	0.09	22.82	23.00	0.051	2025/9/11	
Left Side	132322/1745	20M QPSK(50,0)	0.026	0.017	-1.87	22.82	23.00	0.027	2025/9/11	
Right Side	132322/1745	20M QPSK(50,0)	0.025	0.013	4.42	22.82	23.00	0.026	2025/9/11	
Bottom Side	132322/1745	20M QPSK(50,0)	0.045	0.028	2.77	22.82	23.00	0.047	2025/9/11	

NOTE: Hotspot SAR test results of LTE Band 66

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 (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	11/2462	802.11b	0.611	0.250	-1.43	17.86	18.00	0.631	2025/9/13	17#
Left Tilt 15 Degree	11/2462	802.11b	0.332	0.133	-1.77	17.86	18.00	0.343	2025/9/13	
Right Cheek	11/2462	802.11b	0.524	0.208	-1.24	17.86	18.00	0.541	2025/9/13	
Right Tilt	11/2462	802.11b	0.249	0.099	2.94	17.86	18.00	0.257	2025/9/13	

15 Degree										
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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	11/2462	802.11b	0.264	0.126	-2.17	17.86	18.00	0.273	2025/9/13	
Back Side	11/2462	802.11b	0.412	0.205	0.72	17.86	18.00	0.425	2025/9/13	18#

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	11/2462	802.11b	0.264	0.126	-2.17	17.86	18.00	0.273	2025/9/13	
Back Side	11/2462	802.11b	0.412	0.205	0.72	17.86	18.00	0.425	2025/9/13	18#
Right Side	11/2462	802.11b	0.225	0.110	3.60	17.86	18.00	0.232	2025/9/13	
Top Side	11/2462	802.11b	0.360	0.177	-1.80	17.86	18.00	0.372	2025/9/13	

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	802.11a	0.586	0.209	1.46	17.32	18.00	0.685	2025/9/15	9#
Left Tilt 15 Degree	40/5200	802.11a	0.327	0.112	3.19	17.32	18.00	0.382	2025/9/15	
Right Cheek	40/5200	802.11a	0.522	0.182	2.61	17.32	18.00	0.610	2025/9/15	

Right Tilt 15 Degree	40/5200	802.11a	0.257	0.092	2.42	17.32	18.00	0.301	2025/9/15	
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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	802.11a	0.204	0.089	-0.65	17.32	18.00	0.239	2025/9/15	
Back Side	40/5200	802.11a	0.307	0.138	-4.50	17.32	18.00	0.359	2025/9/15	10#

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	802.11a	0.204	0.089	-0.65	17.32	18.00	0.239	2025/9/15	
Back Side	40/5200	802.11a	0.307	0.138	-4.50	17.32	18.00	0.359	2025/9/15	10#
Right Side	40/5200	802.11a	0.165	0.070	2.95	17.32	18.00	0.193	2025/9/15	
Top Side	40/5200	802.11a	0.280	0.120	-2.89	17.32	18.00	0.327	2025/9/15	

NOTE: Hotspot SAR test results of WLAN5.2G

10.1.15. SAR measurement Result of WLAN5.3G

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	56/5280	802.11a	0.654	0.240	2.28	16.14	16.50	0.711	2025/9/17	11#
Left Tilt 15 Degree	56/5280	802.11a	0.341	0.119	-0.37	16.14	16.50	0.370	2025/9/17	
Right	56/5280	802.11a	0.556	0.196	-1.79	16.14	16.50	0.604	2025/9/17	

Cheek										
Right Tilt 15 Degree	56/5280	802.11a	0.285	0.099	3.45	16.14	16.50	0.310	2025/9/17	

NOTE: Head SAR test results of WLAN 5.3G

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	56/5280	802.11a	0.246	0.084	-2.06	16.14	16.50	0.267	2025/9/17	
Back Side	56/5280	802.11a	0.373	0.134	0.64	16.14	16.50	0.405	2025/9/17	12#

NOTE: Body-worn SAR test results of WLAN 5.3G

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	56/5280	802.11a	0.246	0.084	-2.06	16.14	16.50	0.267	2025/9/17	
Back Side	56/5280	802.11a	0.373	0.134	0.64	16.14	16.50	0.405	2025/9/17	12#
Right Side	56/5280	802.11a	0.195	0.067	1.26	16.14	16.50	0.212	2025/9/17	
Top Side	56/5280	802.11a	0.328	0.114	-0.38	16.14	16.50	0.356	2025/9/17	

NOTE: Hotspot SAR test results of WLAN5.3G

10.1.16. SAR measurement Result of WLAN5.6G

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	100/5500	802.11a	0.600	0.189	-1.24	14.62	15.00	0.655	2025/9/18	13#
Left Tilt 15 Degree	100/5500	802.11a	0.355	0.112	-2.22	14.62	15.00	0.387	2025/9/18	

Right Cheek	100/5500	802.11a	0.542	0.167	1.21	14.62	15.00	0.592	2025/9/18	
Right Tilt 15 Degree	100/5500	802.11a	0.281	0.084	3.75	14.62	15.00	0.307	2025/9/18	

NOTE: Head SAR test results of WLAN 5.6G

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	100/5500	802.11a	0.252	0.101	1.60	14.62	15.00	0.275	2025/9/18	
Back Side	100/5500	802.11a	0.374	0.151	-1.85	14.62	15.00	0.408	2025/9/18	14#

NOTE: Body-worn SAR test results of WLAN 5.6G

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	100/5500	802.11a	0.252	0.101	1.60	14.62	15.00	0.275	2025/9/18	
Back Side	100/5500	802.11a	0.374	0.151	-1.85	14.62	15.00	0.408	2025/9/18	14#
Right Side	100/5500	802.11a	0.190	0.073	-3.69	14.62	15.00	0.207	2025/9/18	
Top Side	100/5500	802.11a	0.312	0.123	0.58	14.62	15.00	0.341	2025/9/18	

NOTE: Hotspot SAR test results of WLAN5.6G

10.1.17. 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	151/5755	802.11a	0.388	0.124	-2.80	13.74	14.00	0.412	2025/9/16	15#
Left Tilt 15	151/5755	802.11a	0.207	0.065	-1.58	13.74	14.00	0.220	2025/9/16	

Degree										
Right Cheek	151/5755	802.11a	0.366	0.117	1.56	13.74	14.00	0.389	2025/9/16	
Right Tilt 15 Degree	151/5755	802.11a	0.197	0.060	0.82	13.74	14.00	0.209	2025/9/16	

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	151/5755	802.11a	0.108	0.053	3.01	13.74	14.00	0.115	2025/9/16	
Back Side	151/5755	802.11a	0.160	0.079	-4.62	13.74	14.00	0.170	2025/9/16	16#

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	151/5755	802.11a	0.108	0.053	3.01	13.74	14.00	0.115	2025/9/16	
Back Side	151/5755	802.11a	0.160	0.079	-4.62	13.74	14.00	0.170	2025/9/16	16#
Right Side	151/5755	802.11a	0.090	0.042	-1.22	13.74	14.00	0.096	2025/9/16	
Top Side	151/5755	802.11a	0.136	0.066	1.75	13.74	14.00	0.144	2025/9/16	

NOTE: Hotspot SAR test results of WLAN5.8G

10.2. 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	0.268	0.631	0.899	N/A	N/A
	Left Tilt 15 Degree	0.121	0.343	0.464	N/A	N/A
	Right Cheek	0.284	0.541	0.825	N/A	N/A
	Right Tilt 15 Degree	0.152	0.257	0.409	N/A	N/A
Body-Worn	Front Side	0.286	0.273	0.559	N/A	N/A
	Back Side	0.39	0.425	0.815	N/A	N/A
Hotspot	Front Side	0.286	0.273	0.559	N/A	N/A
	Back Side	0.39	0.425	0.815	N/A	N/A
	Left Side	0.282	N/A	0.282	N/A	N/A
	Right Side	0.271	0.232	0.503	N/A	N/A
	Top Side	N/A	0.372	0.372	N/A	N/A
	Bottom Side	0.265	N/A	0.265	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.268	0.711	0.979	N/A	N/A
	Left Tilt 15 Degree	0.121	0.387	0.508	N/A	N/A
	Right Cheek	0.284	0.61	0.894	N/A	N/A
	Right Tilt 15 Degree	0.152	0.31	0.462	N/A	N/A
Body-Worn	Front Side	0.286	0.275	0.561	N/A	N/A

	Back Side	0.39	0.408	0.798	N/A	N/A
Hotspot	Front Side	0.286	0.275	0.561	N/A	N/A
	Back Side	0.39	0.408	0.798	N/A	N/A
	Left Side	0.282	N/A	0.282	N/A	N/A
	Right Side	0.271	0.212	0.483	N/A	N/A
	Top Side	N/A	0.356	0.356	N/A	N/A
	Bottom Side	0.265	N/A	0.265	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.268	0.167	0.435	N/A	N/A
	Left Tilt 15 Degree	0.121	0.167	0.288	N/A	N/A
	Right Cheek	0.284	0.167	0.451	N/A	N/A
	Right Tilt 15 Degree	0.152	0.167	0.319	N/A	N/A
Body-Worn	Front Side	0.286	0.084	0.37	N/A	N/A
	Back Side	0.39	0.084	0.474	N/A	N/A
Hotspot	Front Side	0.286	0.084	0.37	N/A	N/A
	Back Side	0.39	0.084	0.474	N/A	N/A
	Left Side	0.282	N/A	0.282	N/A	N/A
	Right Side	0.271	0.084	0.355	N/A	N/A
	Top Side	N/A	0.084	0.084	N/A	N/A
	Bottom Side	0.265	N/A	0.265	N/A	N/A

11. Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

12. Appendix B. System Check Plots

Table of contents
MEASUREMENT 1 System Performance Check - 835MHz
MEASUREMENT 2 System Performance Check - 1800MHz
MEASUREMENT 3 System Performance Check - 1900MHz
MEASUREMENT 4 System Performance Check - 2450MHz
MEASUREMENT 5 System Performance Check - 2600MHz
MEASUREMENT 6 System Performance Check - 2600MHz
MEASUREMENT 7 System Performance Check - 5200MHz
MEASUREMENT 8 System Performance Check - 5400MHz
MEASUREMENT 9 System Performance Check - 5600MHz
MEASUREMENT 10 System Performance Check - 5800MHz

1# System check at 835 MHz

Date of measurement: 10/9/2025

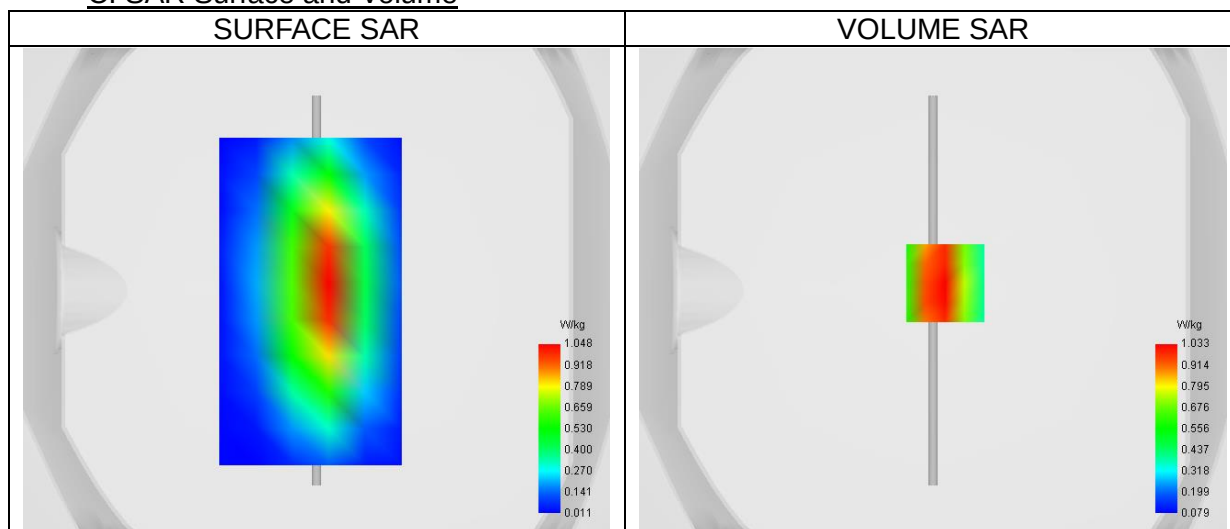
A. Experimental conditions.

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)	41.62
Relative permittivity (imaginary part)	19.50
Conductivity (S/m)	0.90

C. SAR Surface and Volume



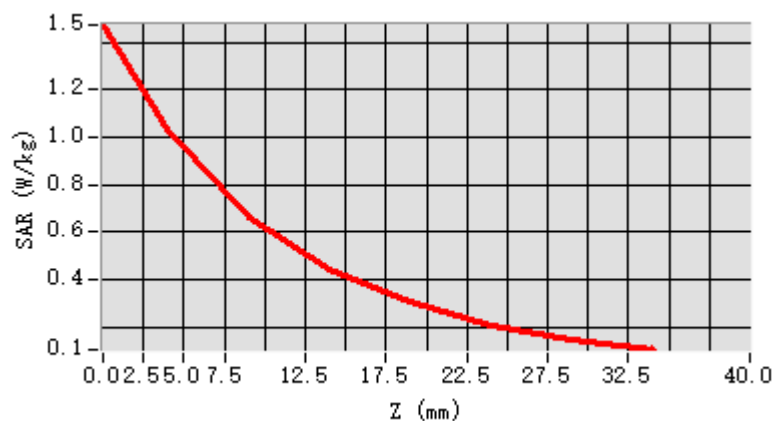
Maximum location: X=5.00, Y=3.00 ; SAR Peak: 1.51 W/kg

D. SAR 1g & 10g

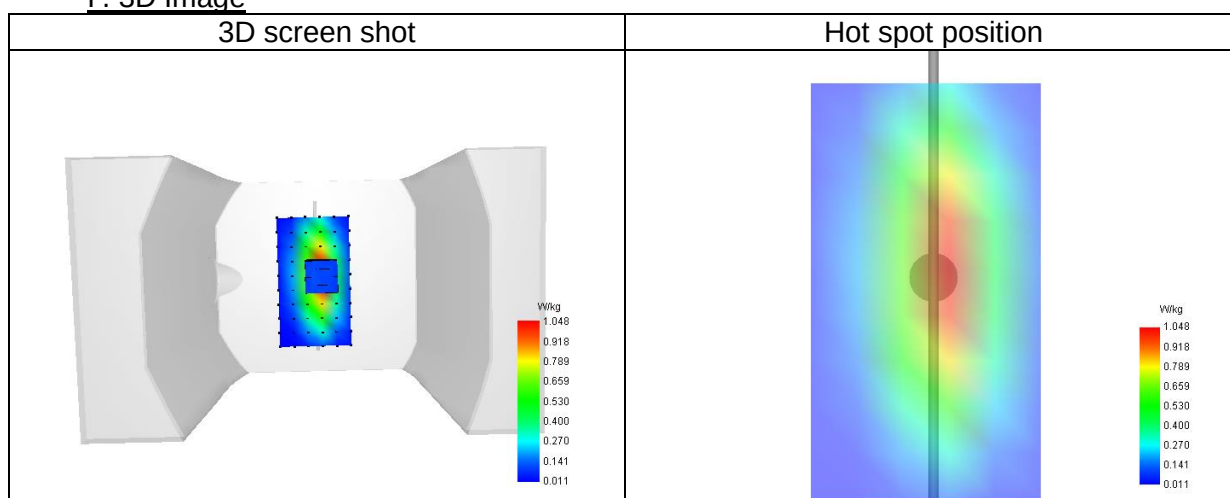
SAR 10g (W/Kg)	0.612
SAR 1g (W/Kg)	1.004
Variation (%)	-0.61
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	64.51

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.472	1.033	0.667	0.447	0.306	0.206	0.149



F. 3D Image



2# System check at 1800 MHz

Date of measurement: 11/9/2025

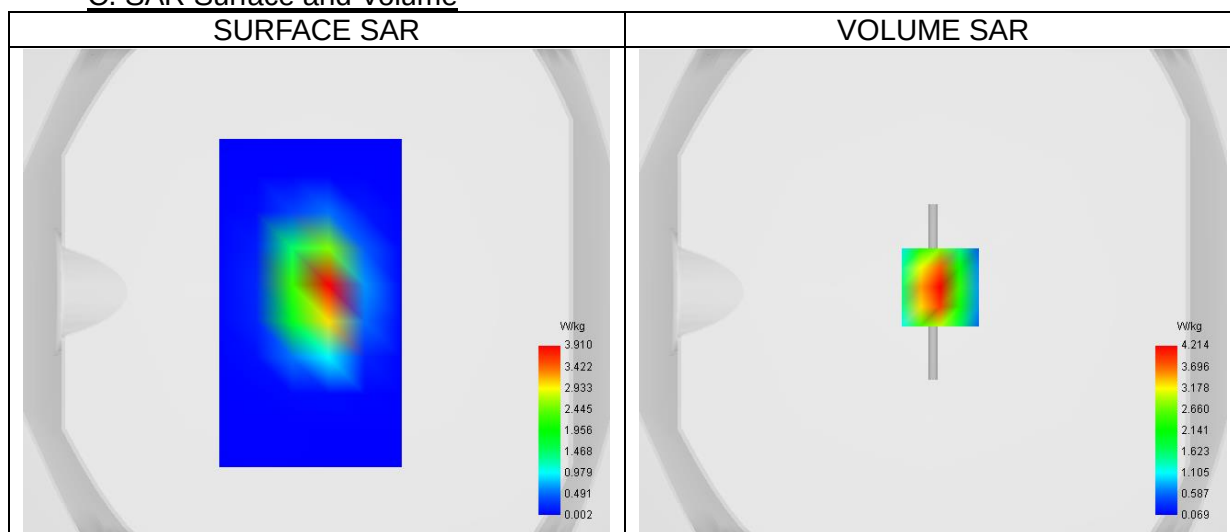
A. Experimental conditions.

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)	38.70
Relative permittivity (imaginary part)	13.68
Conductivity (S/m)	1.37

C. SAR Surface and Volume



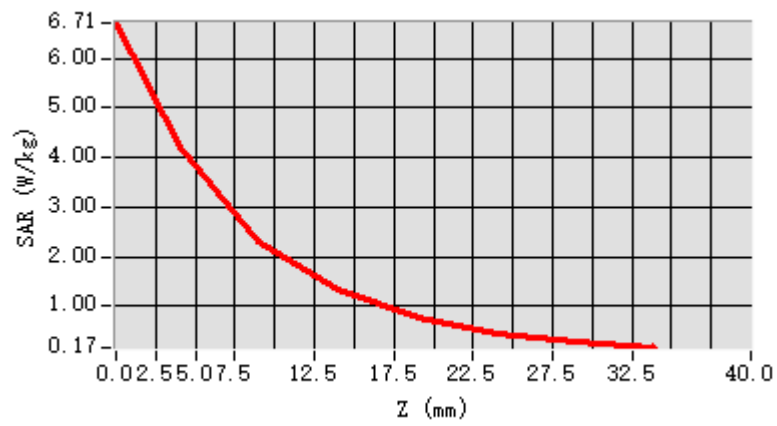
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 6.81 W/kg

D. SAR 1g & 10g

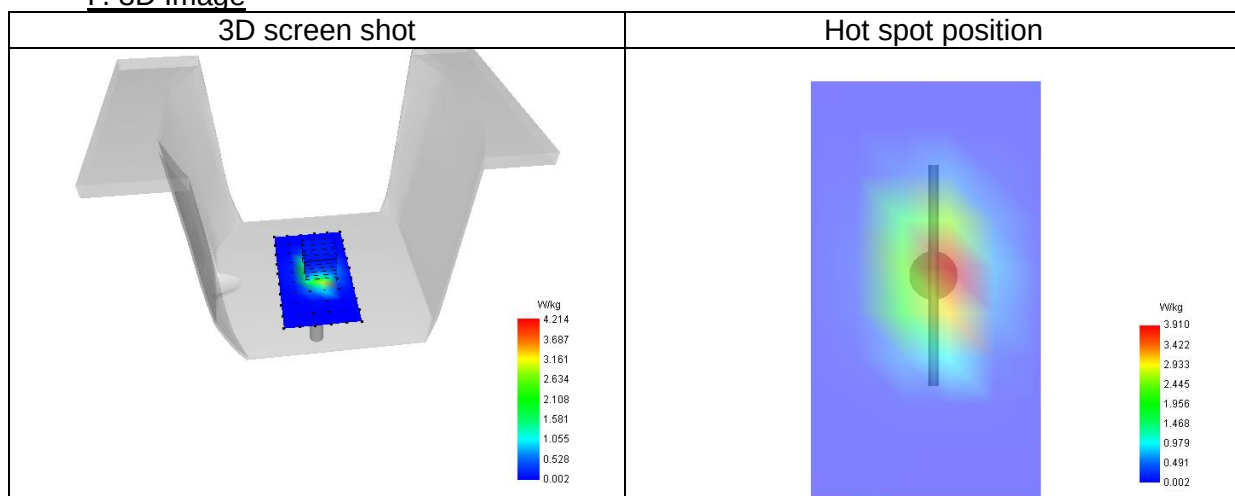
SAR 10g (W/Kg)	2.019
SAR 1g (W/Kg)	4.001
Variation (%)	-0.10
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	54.69

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.712	4.214	2.305	1.320	0.771	0.461	0.276



F. 3D Image



3# System check at 1900 MHz
Date of measurement: 12/9/2025

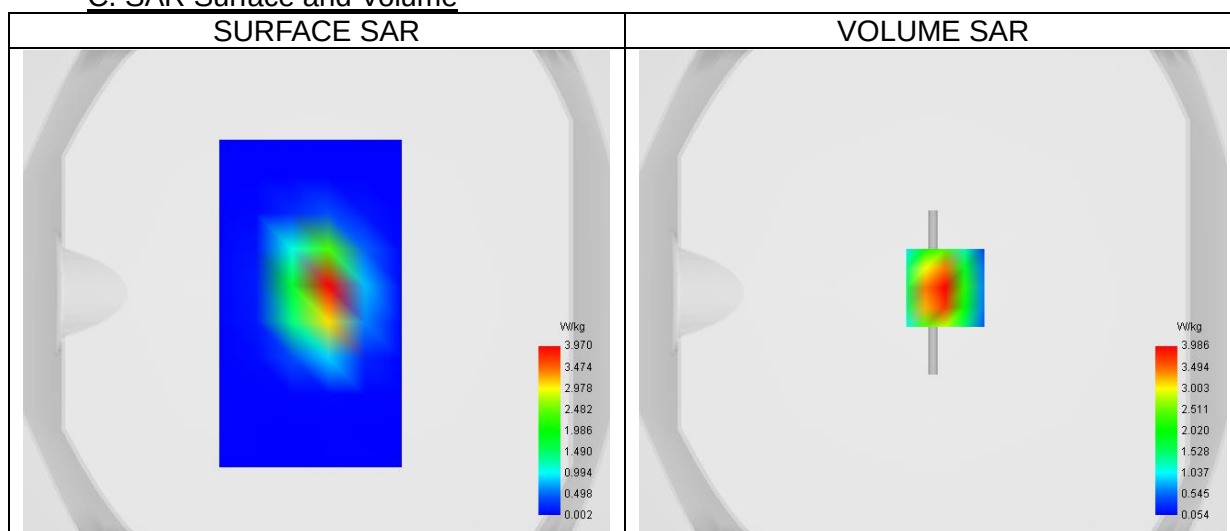
A. Experimental conditions.

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)	13.78
Conductivity (S/m)	1.46

C. SAR Surface and Volume



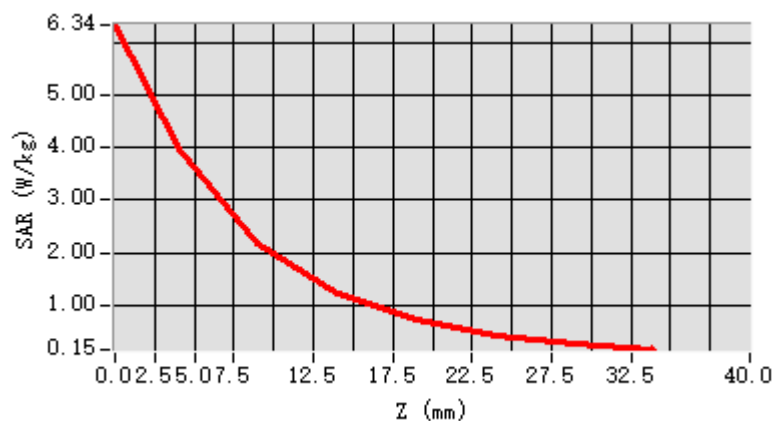
Maximum location: X=5.00, Y=2.00 ; SAR Peak: 6.53 W/kg

D. SAR 1g & 10g

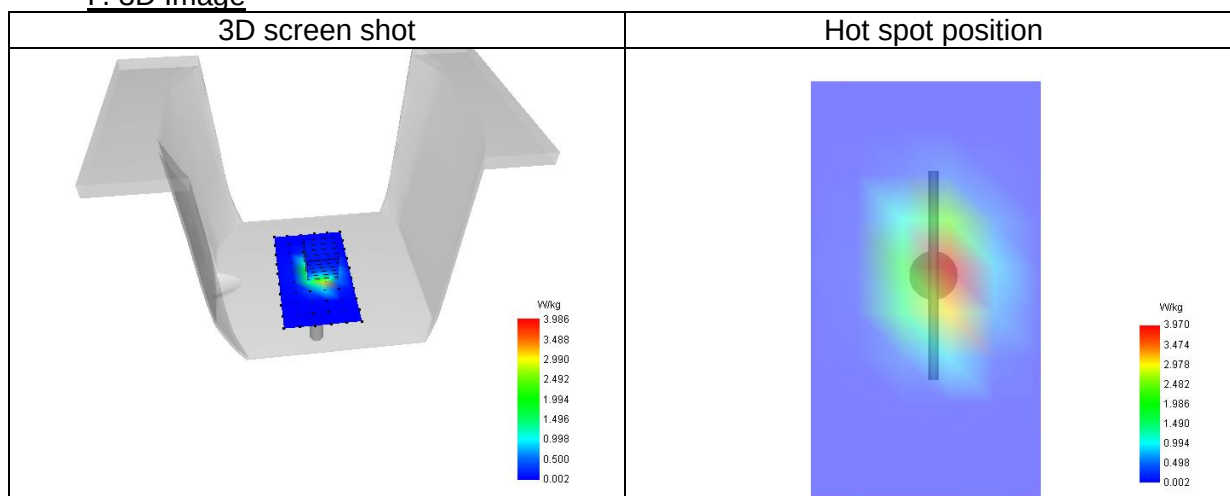
SAR 10g (W/Kg)	1.937
SAR 1g (W/Kg)	3.931
Variation (%)	-0.44
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	54.55

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.341	3.986	2.174	1.230	0.708	0.414	0.248



F. 3D Image



4# System check at 2450 MHz
Date of measurement: 13/9/2025

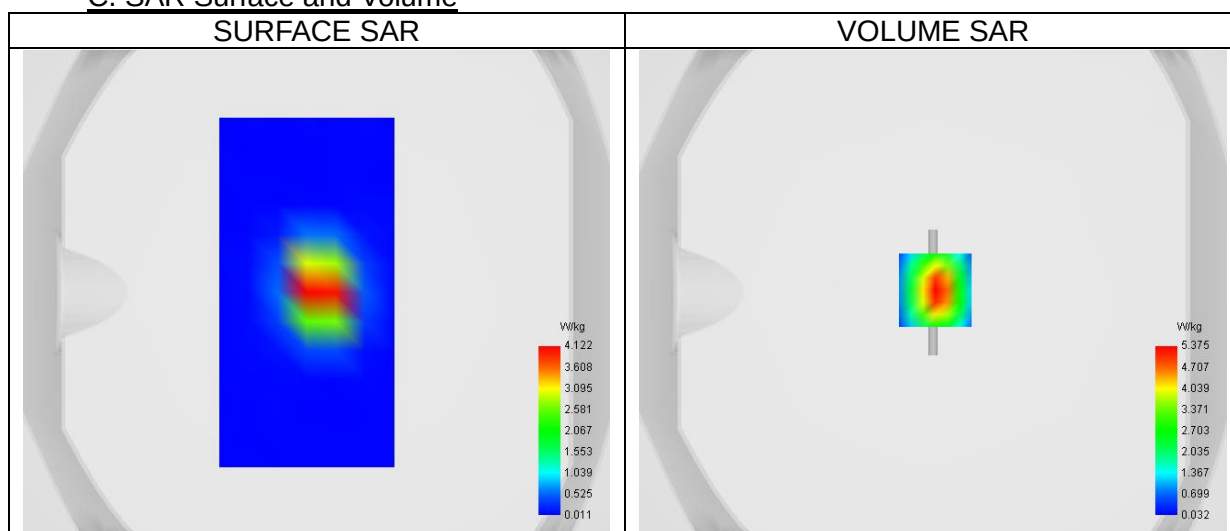
A. Experimental conditions.

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)	38.16
Relative permittivity (imaginary part)	13.31
Conductivity (S/m)	1.81

C. SAR Surface and Volume



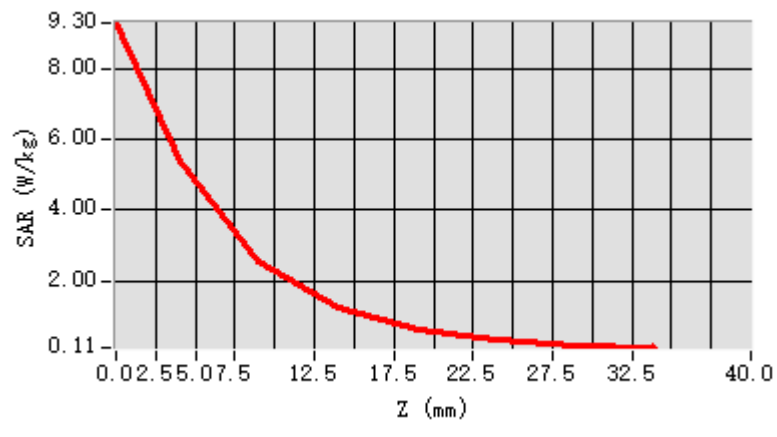
Maximum location: X=1.00, Y=1.00 ; SAR Peak: 9.22 W/kg

D. SAR 1g & 10g

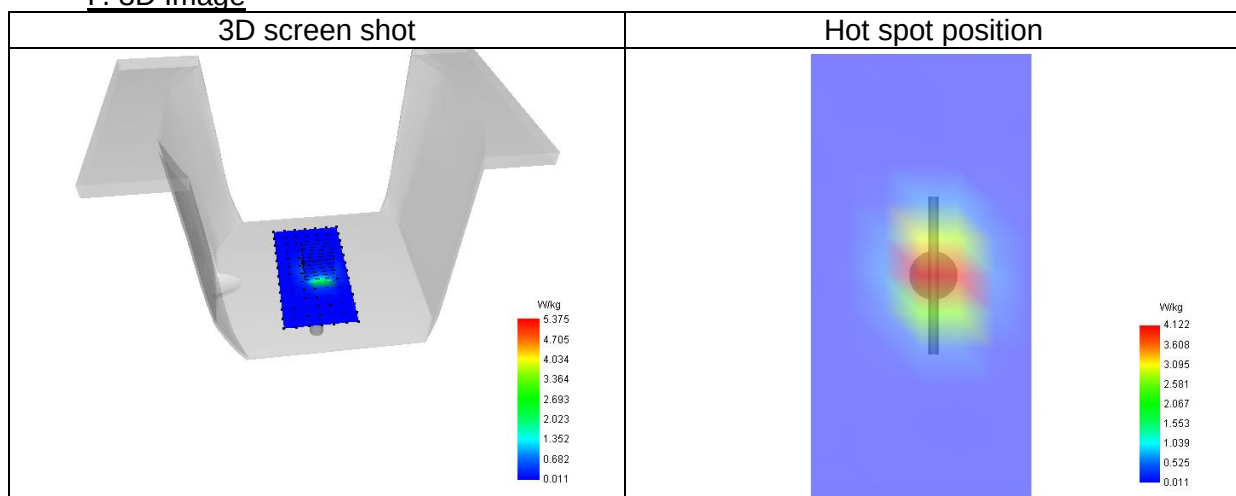
SAR 10g (W/Kg)	2.172
SAR 1g (W/Kg)	4.937
Variation (%)	-0.44
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	47.44

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.295	5.375	2.550	1.257	0.640	0.337	0.184



F. 3D Image



5# System check at 2600 MHz
Date of measurement: 9/9/2025

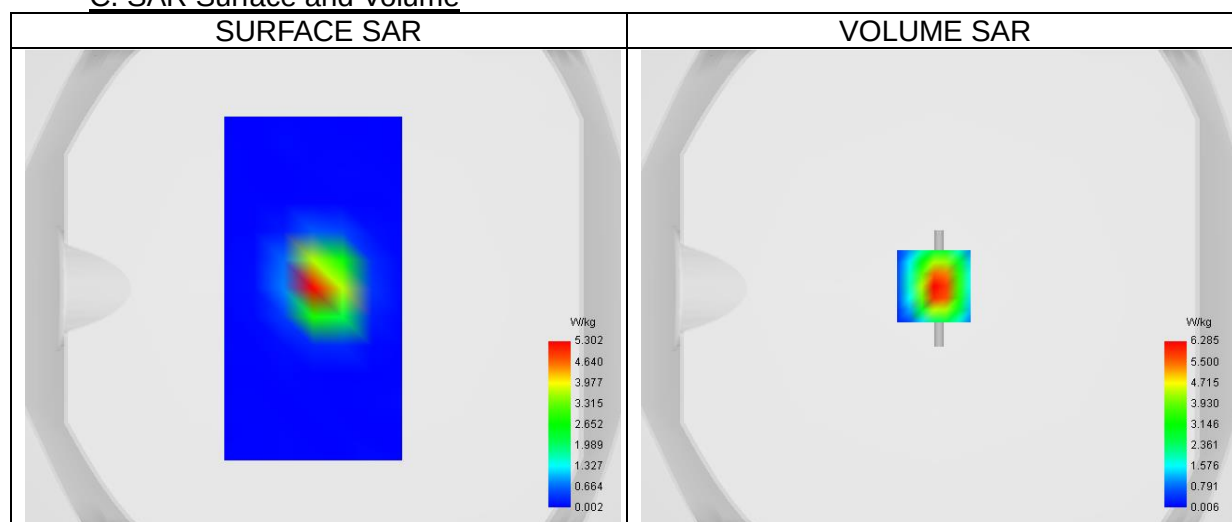
A. Experimental conditions.

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)	39.59
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.94

C. SAR Surface and Volume



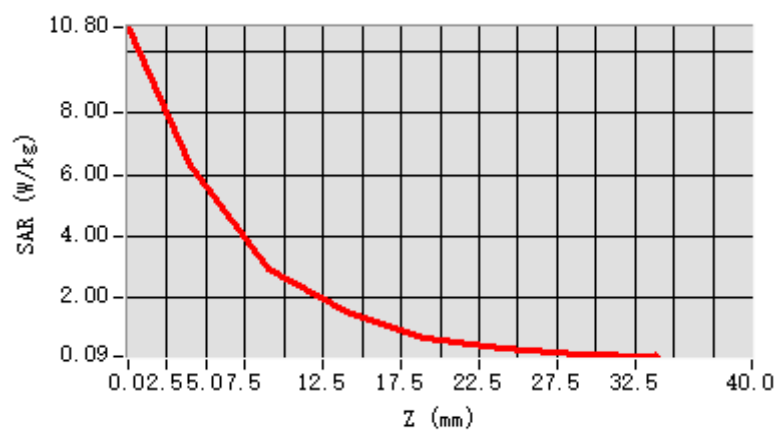
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 10.95 W/kg

D. SAR 1g & 10g

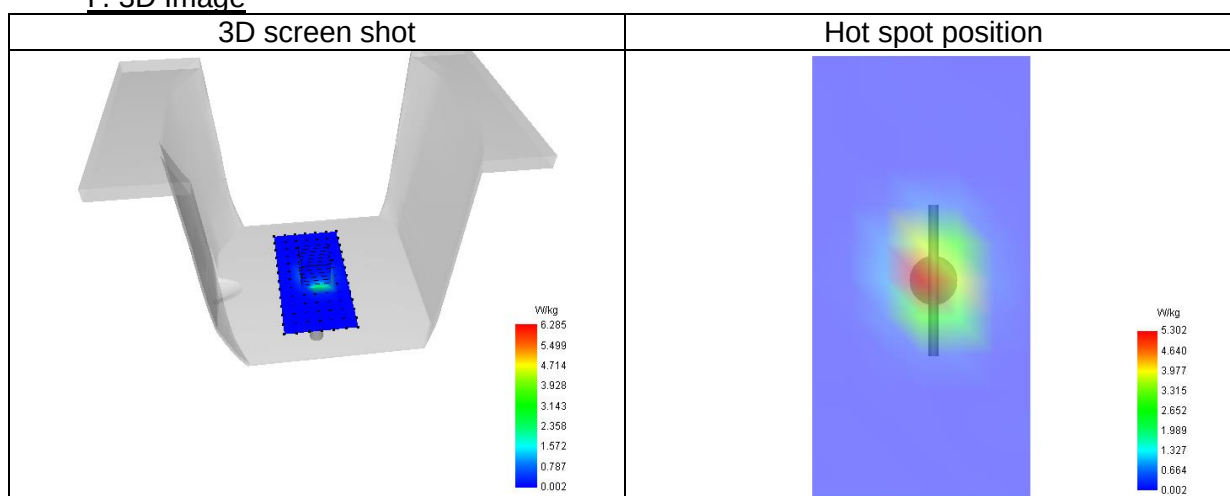
SAR 10g (W/Kg)	2.392
SAR 1g (W/Kg)	5.731
Variation (%)	-1.96
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	47.02

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.802	6.285	2.955	1.530	0.673	0.334	0.161



F. 3D Image



6# System check at 2600 MHz

Date of measurement: 22/9/2025

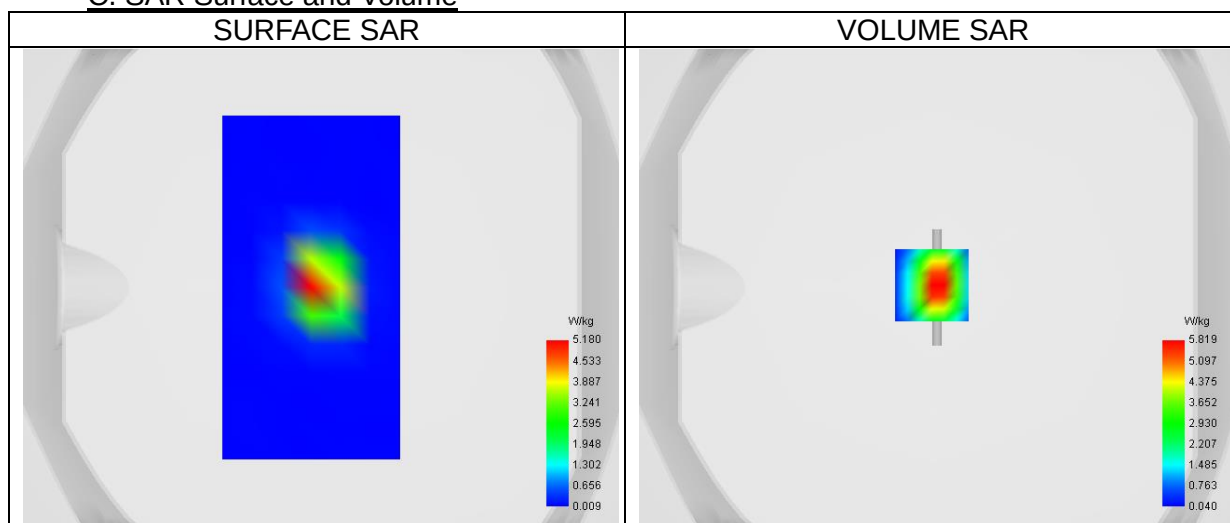
A. Experimental conditions.

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)	40.08
Relative permittivity (imaginary part)	13.97
Conductivity (S/m)	2.02

C. SAR Surface and Volume



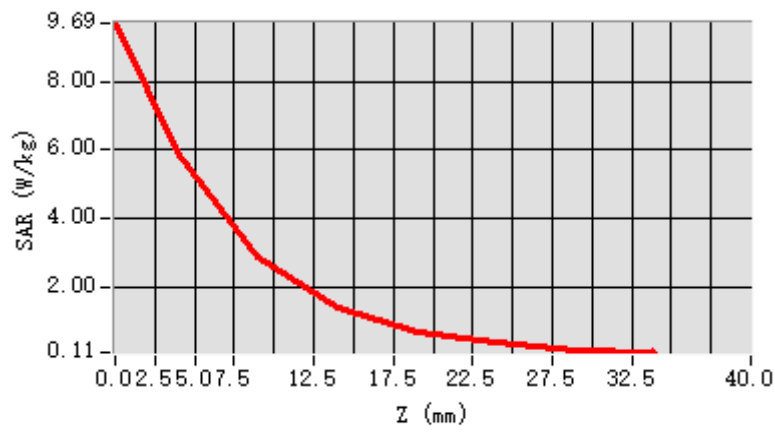
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 10.27 W/kg

D. SAR 1g & 10g

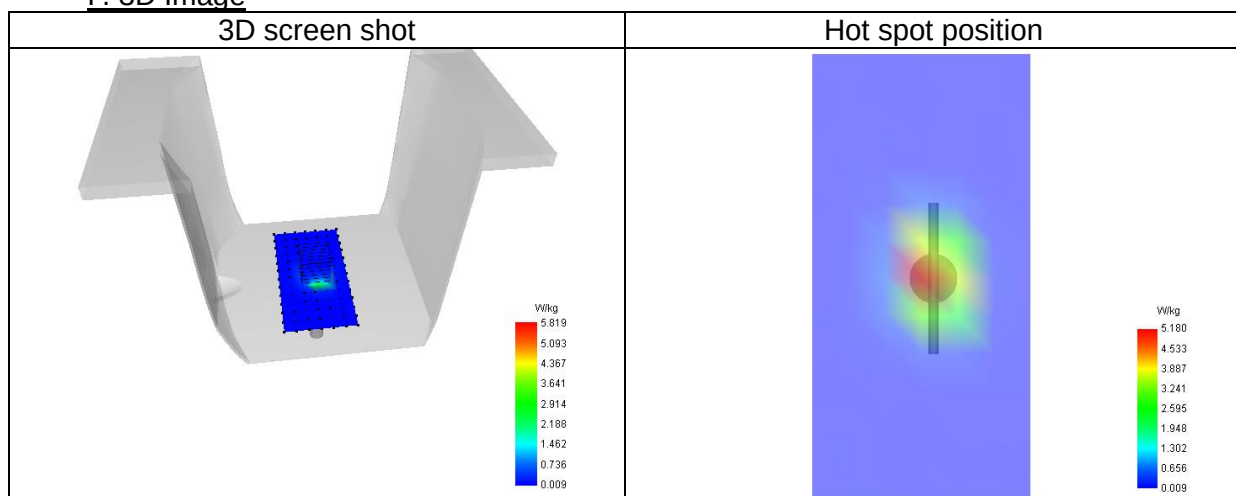
SAR 10g (W/Kg)	2.329
SAR 1g (W/Kg)	5.415
Variation (%)	0.20
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	50.16

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.688	5.819	2.919	1.406	0.717	0.380	0.197



F. 3D Image



7# System check at 5200 MHz
Date of measurement: 15/9/2025

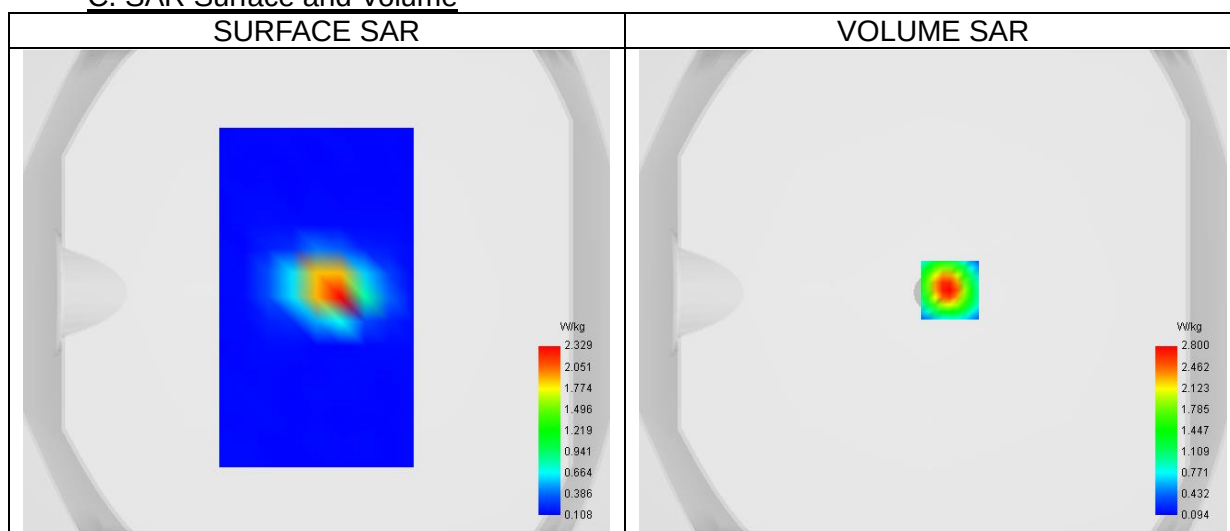
A. Experimental conditions.

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)	37.12
Relative permittivity (imaginary part)	15.82
Conductivity (S/m)	4.57

C. SAR Surface and Volume



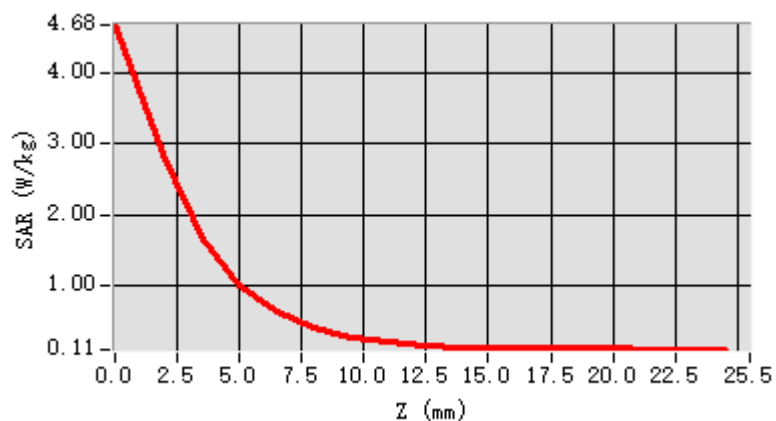
Maximum location: X=7.00, Y=1.00 ; SAR Peak: 5.04 W/kg

D. SAR 1g & 10g

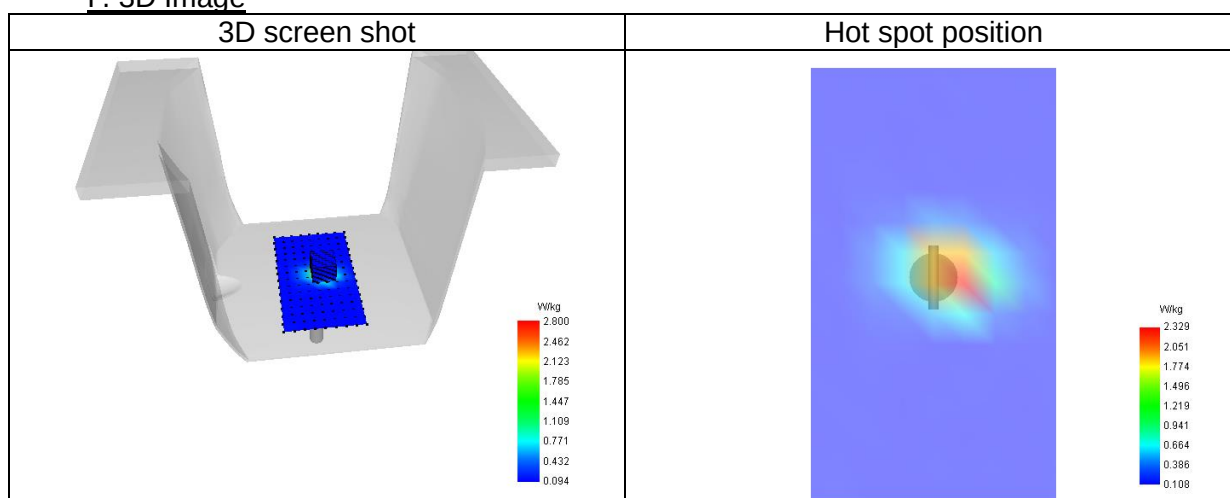
SAR 10g (W/Kg)	0.553
SAR 1g (W/Kg)	1.621
Variation (%)	1.28
Horizontal validation criteria: minimum distance (mm)	9.00
Vertical validation criteria: SAR ratio M2/M1 (%)	58.75

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 5400 MHz
Date of measurement: 17/9/2025

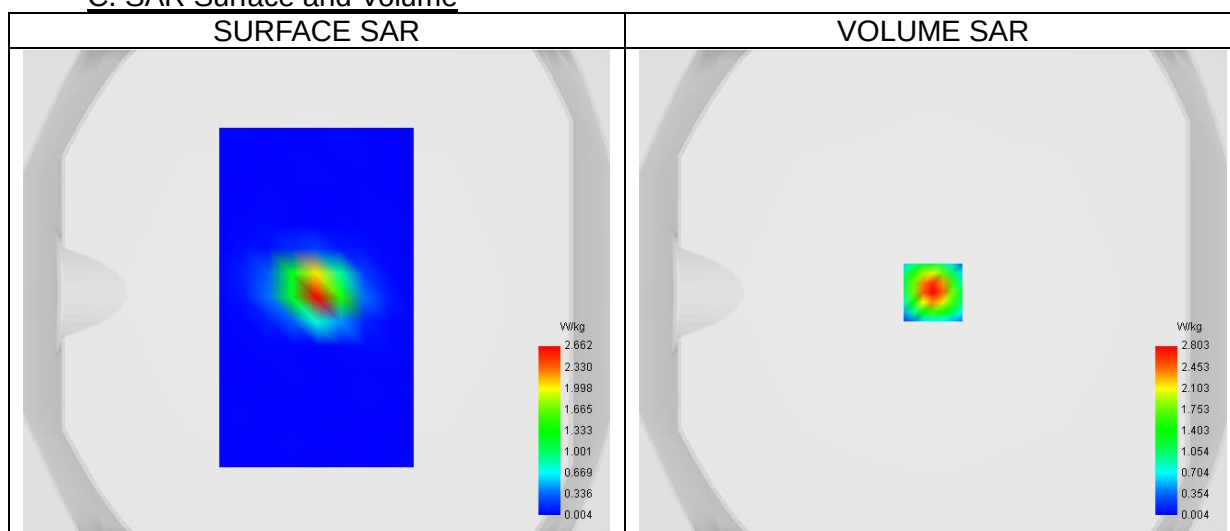
A. Experimental conditions.

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	Dipole
Band	CW5400
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5400.00
Relative permittivity (real part)	34.76
Relative permittivity (imaginary part)	16.42
Conductivity (S/m)	4.93

C. SAR Surface and Volume



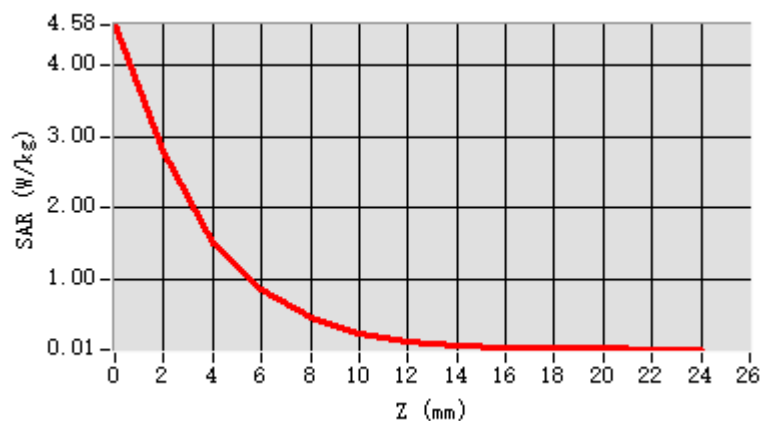
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 4.88 W/kg

D. SAR 1g & 10g

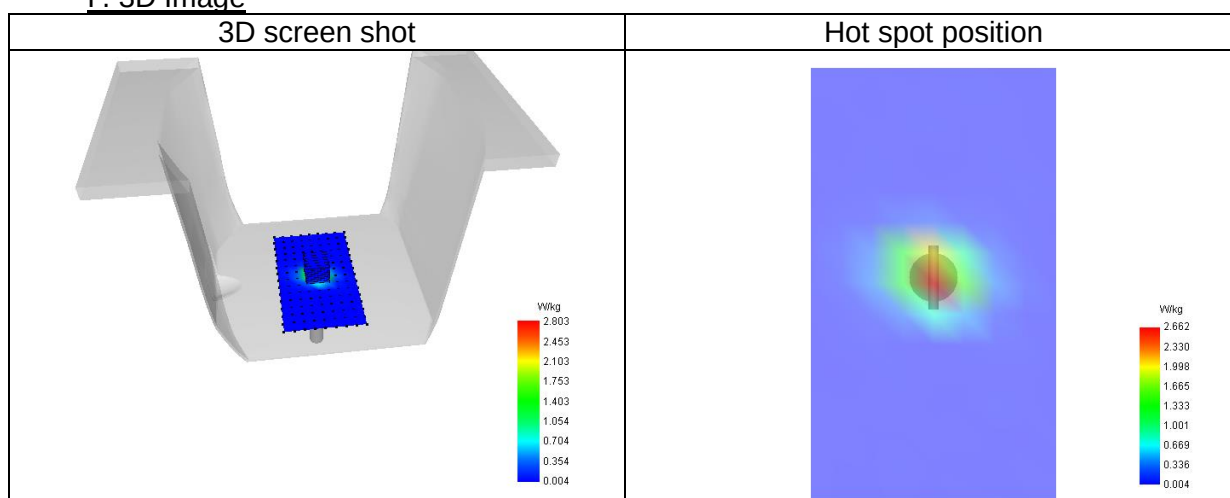
SAR 10g (W/Kg)	0.540
SAR 1g (W/Kg)	1.613
Variation (%)	-0.44
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	53.51

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)	4.57 8	2.80 3	1.50 0	0.84 9	0.44 7	0.22 4	0.13 1	0.07 8	0.04 6	0.03 5	0.03 1	0.01 4



F. 3D Image



9# System check at 5600 MHz

Date of measurement: 18/9/2025

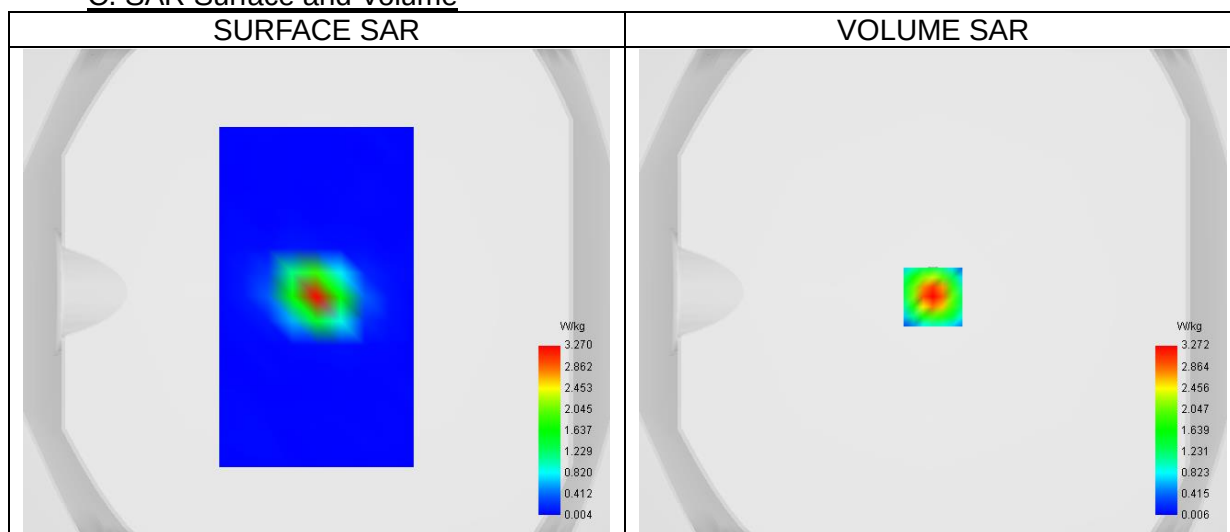
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.36
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5600.00
Relative permittivity (real part)	35.19
Relative permittivity (imaginary part)	16.03
Conductivity (S/m)	4.99

C. SAR Surface and Volume



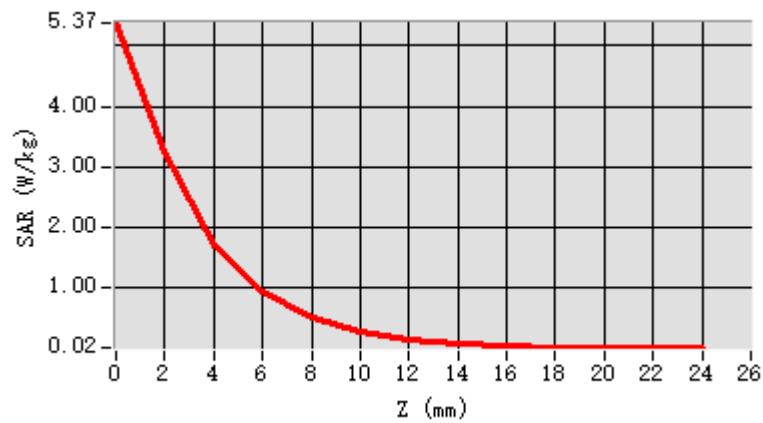
Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 5.80 W/kg

D. SAR 1g & 10g

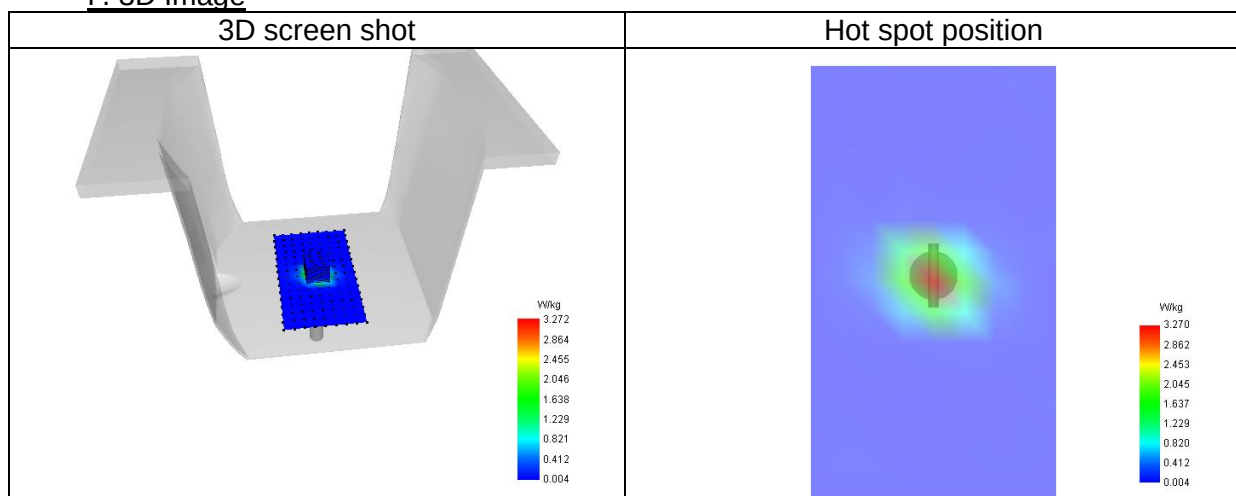
SAR 10g (W/Kg)	0.648
SAR 1g (W/Kg)	1.896
Variation (%)	0.25
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	52.63

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)	5.37	3.27	1.72	0.96	0.52	0.28	0.14	0.08	0.05	0.03	0.03	0.02
	4	2	2	4	2	8	9	9	7	6	3	3



F. 3D Image



10# System check at 5800 MHz
Date of measurement: 16/9/2025

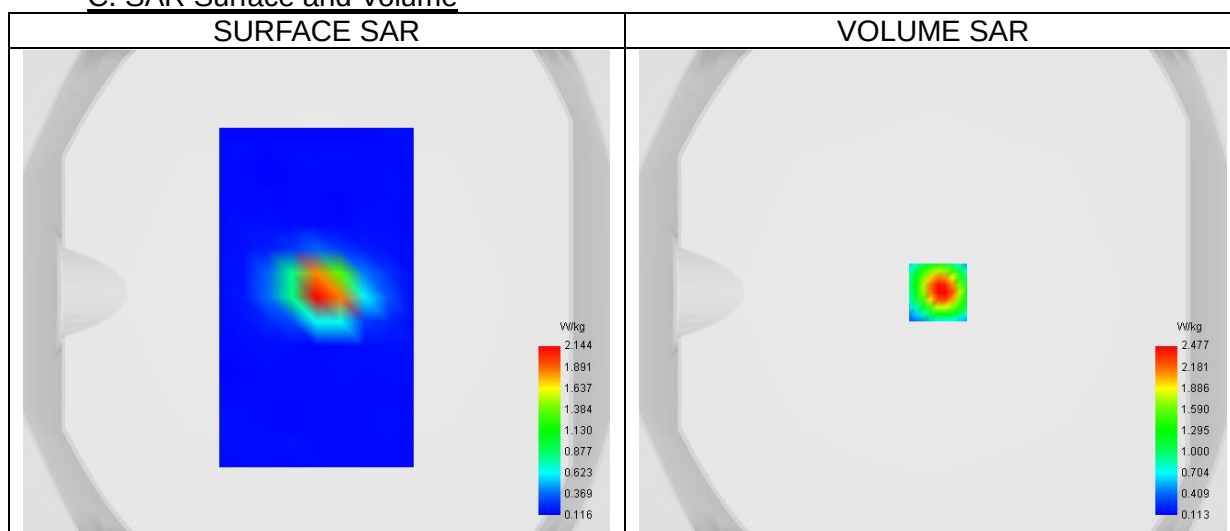
A. Experimental conditions.

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)	35.72
Relative permittivity (imaginary part)	16.18
Conductivity (S/m)	5.22

C. SAR Surface and Volume



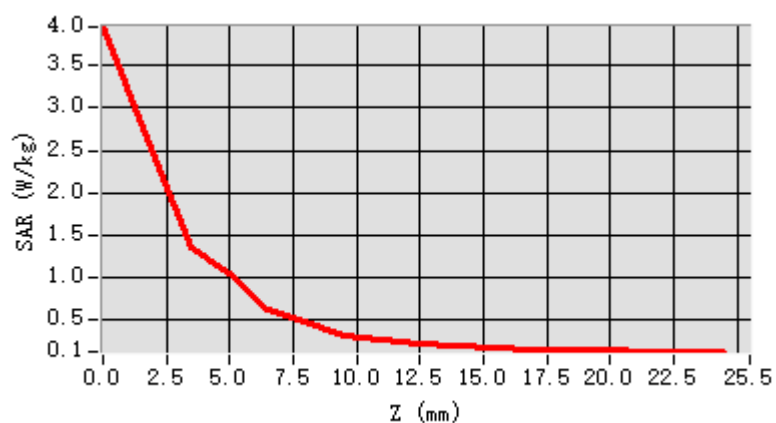
Maximum location: X=2.00, Y=0.00 ; SAR Peak: 4.21 W/kg

D. SAR 1g & 10g

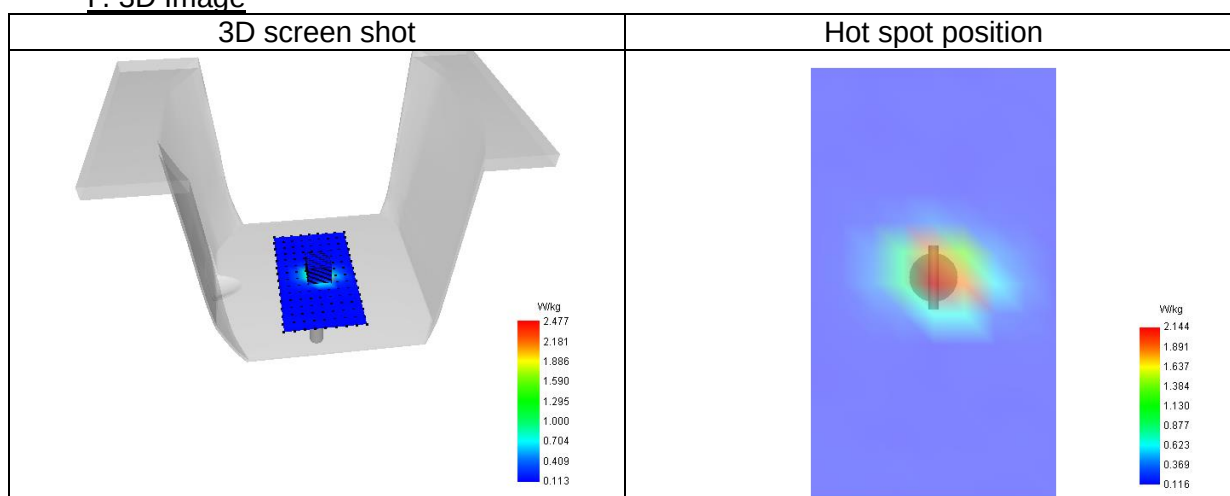
SAR 10g (W/Kg)	0.605
SAR 1g (W/Kg)	1.640
Variation (%)	0.99
Horizontal validation criteria: minimum distance (mm)	9.49
Vertical validation criteria: SAR ratio M2/M1 (%)	63.54

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)	3.9	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
	54	77	65	59	30	96	13	85	20	96	75	47	45	62	38	32



F. 3D Image



13. Appendix C. Plots of High SAR Measurement

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1# SAR Measurement at GPRS850 (Cheek, Right)

Date of measurement: 10/9/2025

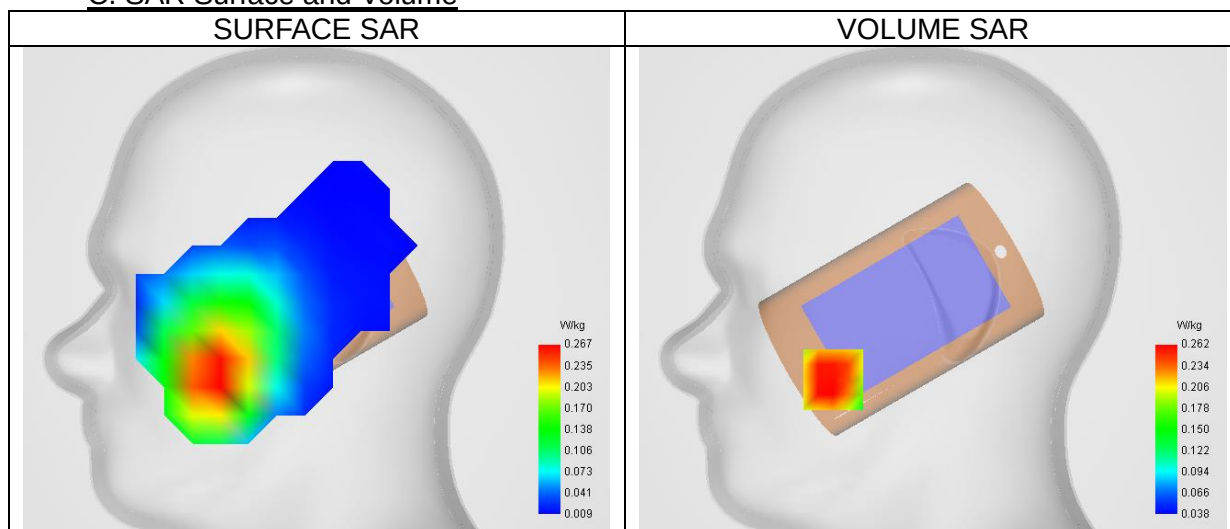
A. Experimental conditions.

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)	41.54
Relative permittivity (imaginary part)	19.52
Conductivity (S/m)	0.91

C. SAR Surface and Volume



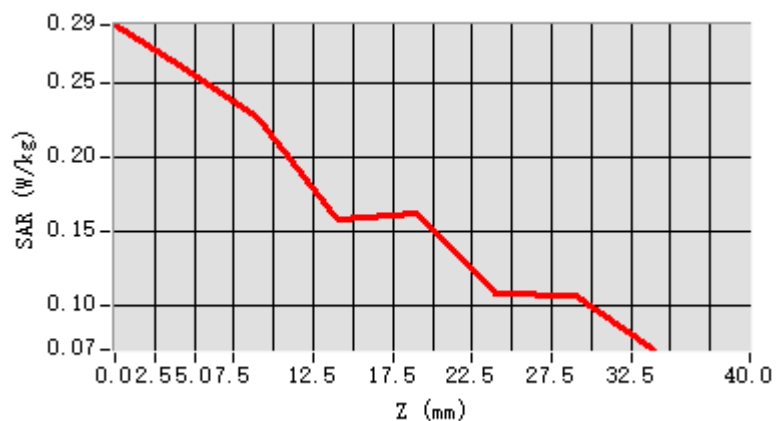
Maximum location: X=-53.00, Y=-47.00 ; SAR Peak: 0.35 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.195
SAR 1g (W/Kg)	0.263
Variation (%)	-1.58
Horizontal validation criteria: minimum distance (mm)	11.96
Vertical validation criteria: SAR ratio M2/M1 (%)	60.75

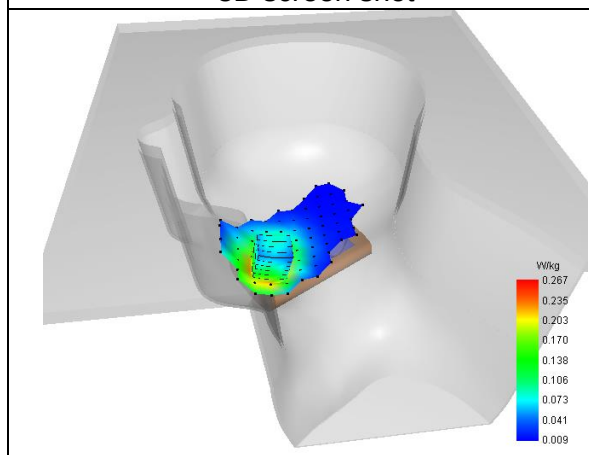
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.289	0.262	0.226	0.157	0.162	0.109	0.106

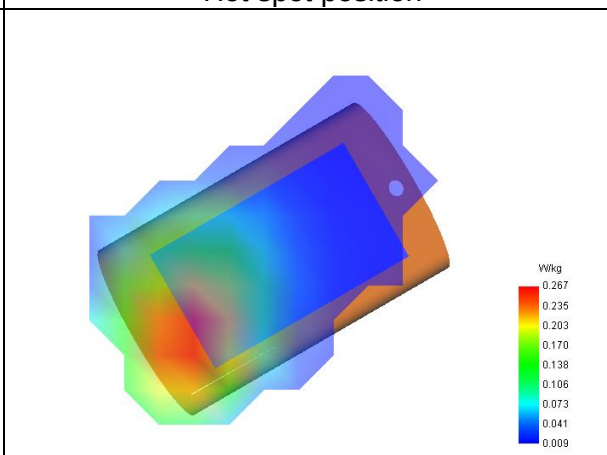


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 10/9/2025

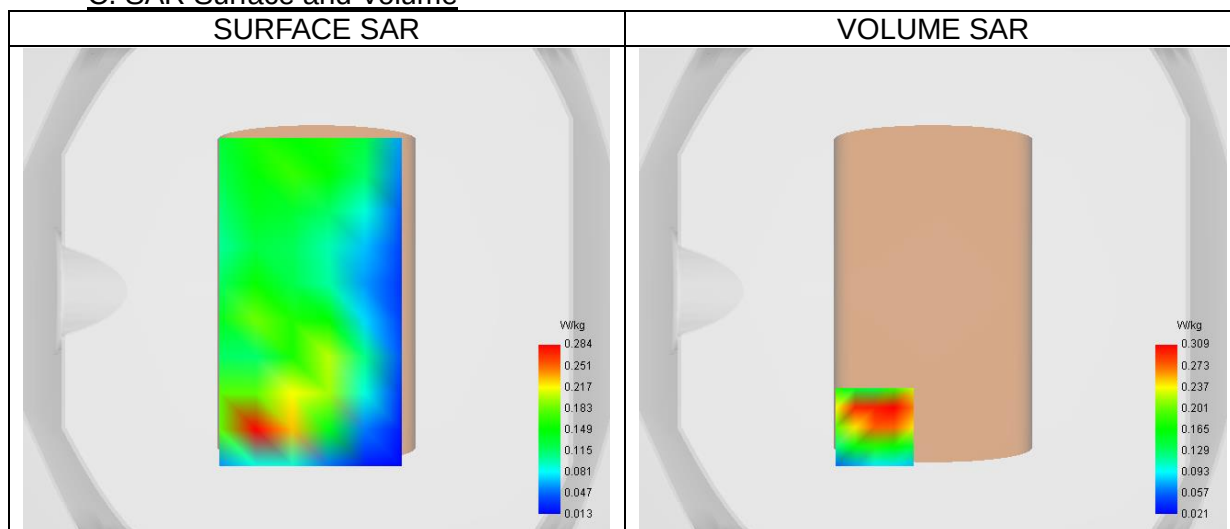
A. Experimental conditions.

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	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)	41.54
Relative permittivity (imaginary part)	19.52
Conductivity (S/m)	0.91

C. SAR Surface and Volume



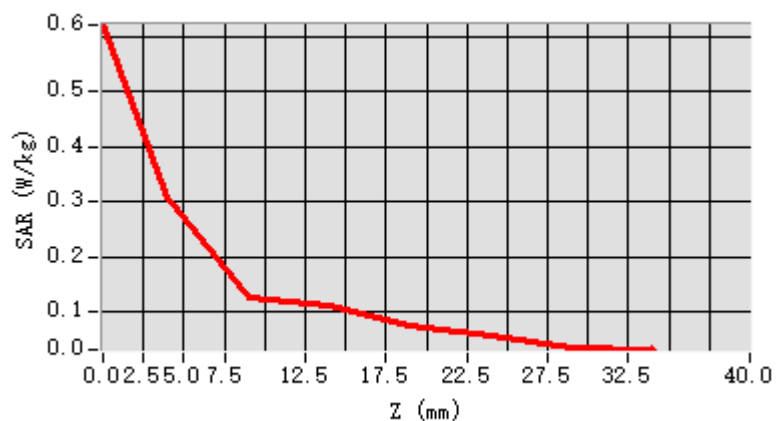
Maximum location: X=-24.00, Y=-56.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

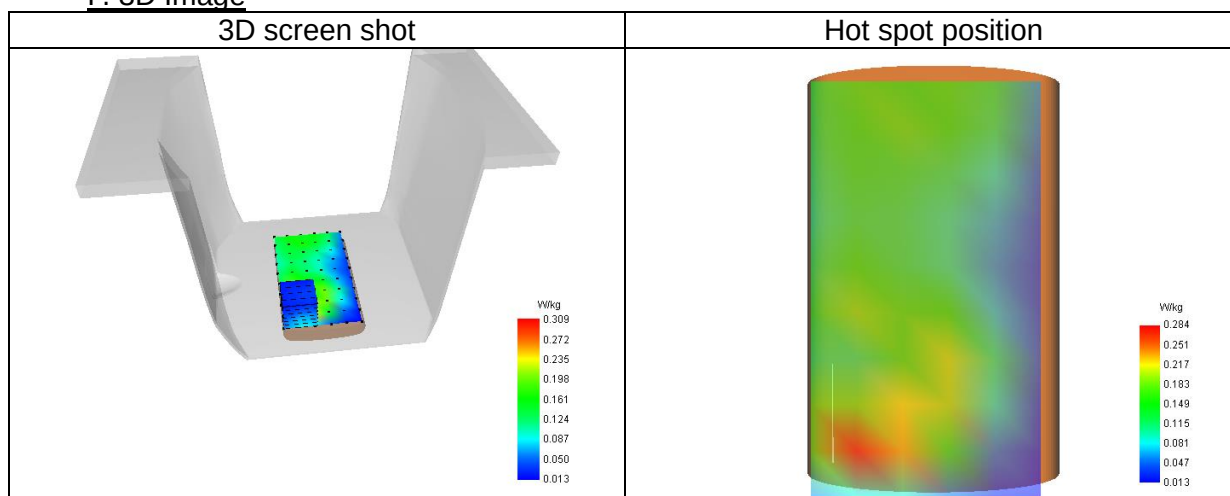
SAR 10g (W/Kg)	0.171
SAR 1g (W/Kg)	0.302
Variation (%)	0.67
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	60.48

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.620	0.309	0.126	0.112	0.077	0.057	0.037



F. 3D Image



3# SAR Measurement at GPRS1900 (Cheek, Right)

Date of measurement: 12/9/2025

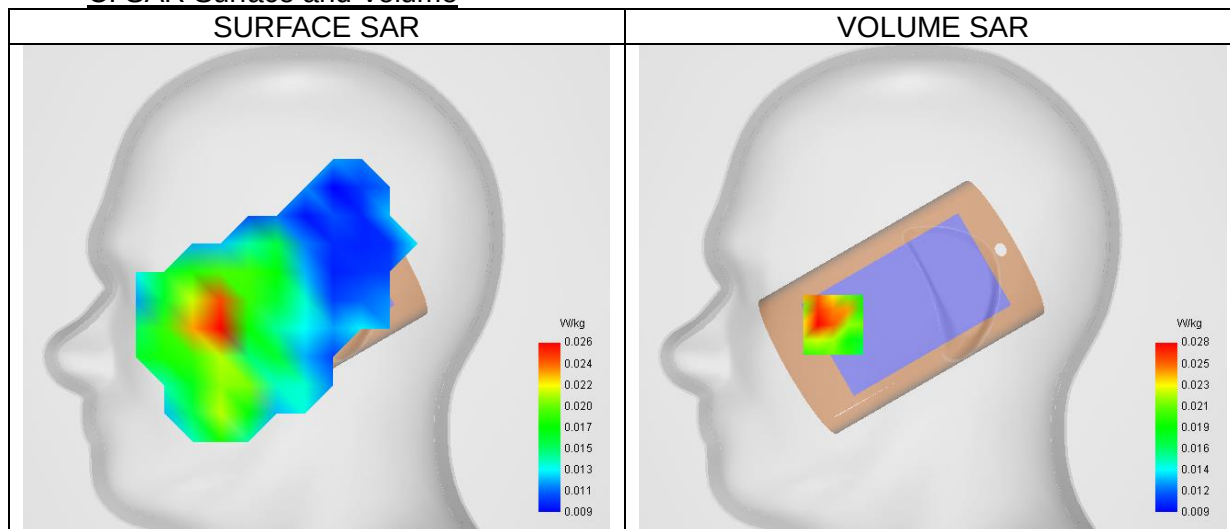
A. Experimental conditions.

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)	38.27
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.44

C. SAR Surface and Volume



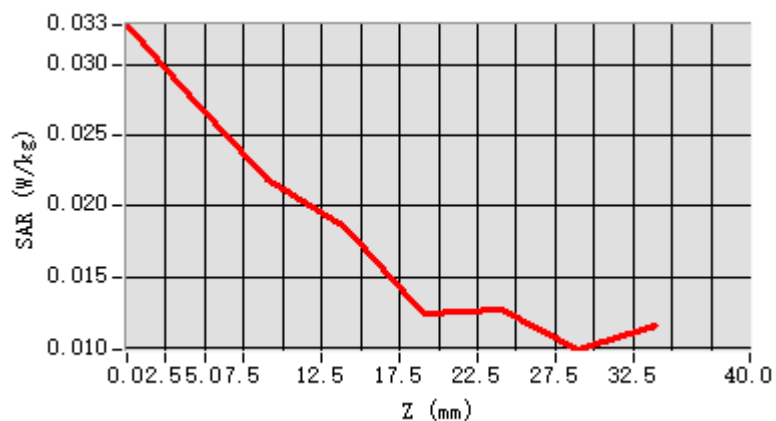
Maximum location: X=-53.00, Y=-19.00 ; SAR Peak: 0.03 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.020
SAR 1g (W/Kg)	0.027
Variation (%)	4.33
Horizontal validation criteria: minimum distance (mm)	16.63
Vertical validation criteria: SAR ratio M2/M1 (%)	68.87

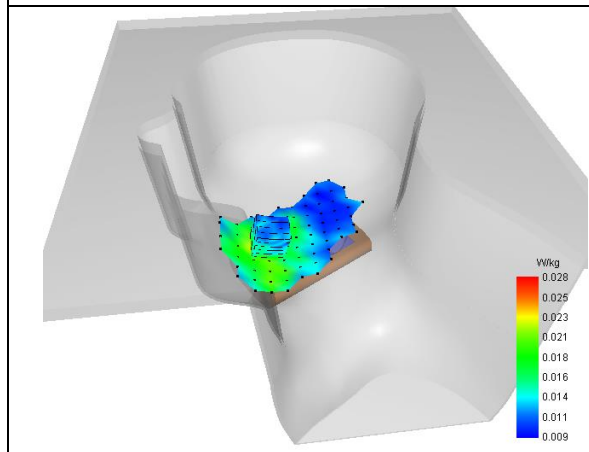
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.033	0.028	0.022	0.019	0.012	0.013	0.010

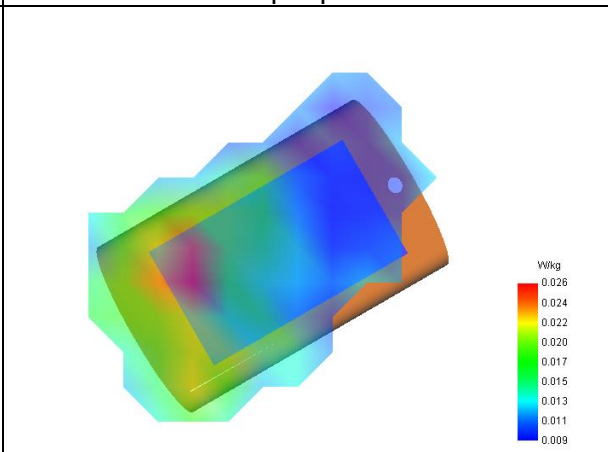


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 12/9/2025

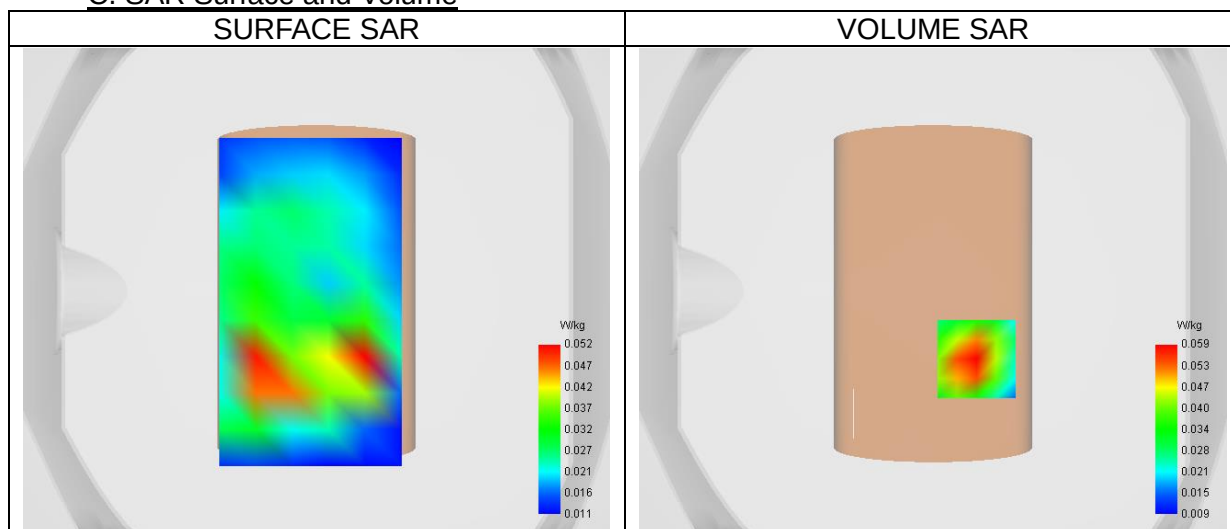
A. Experimental conditions.

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	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)	38.27
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.44

C. SAR Surface and Volume



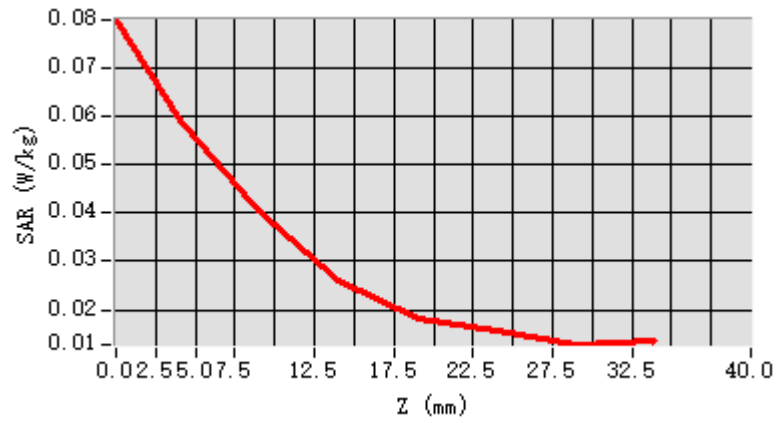
Maximum location: X=18.00, Y=-28.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

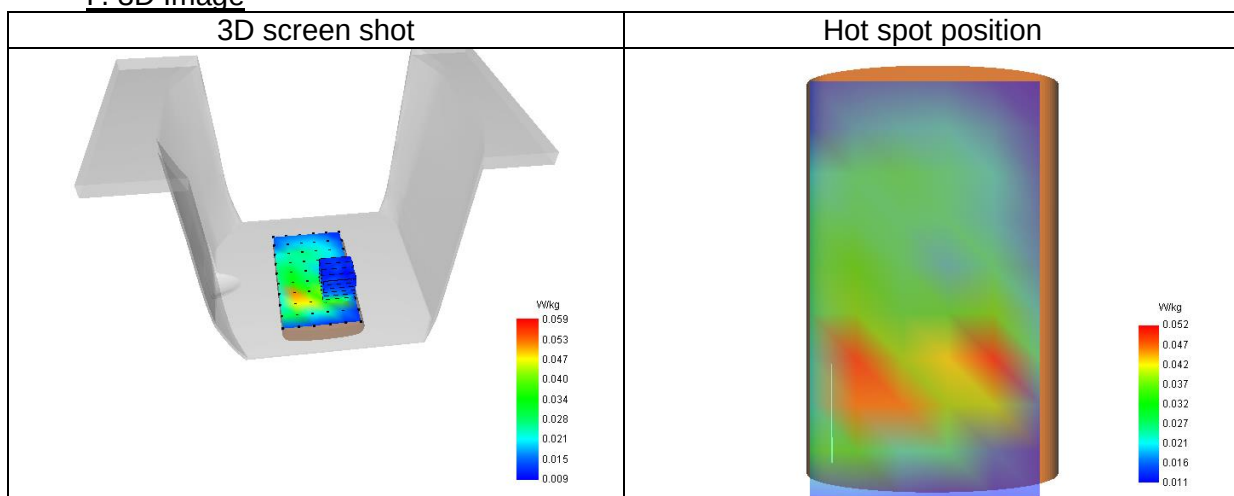
SAR 10g (W/Kg)	0.035
SAR 1g (W/Kg)	0.057
Variation (%)	-1.31
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	68.06

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.080	0.059	0.040	0.026	0.018	0.016	0.013



F. 3D Image



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

Date of measurement: 12/9/2025

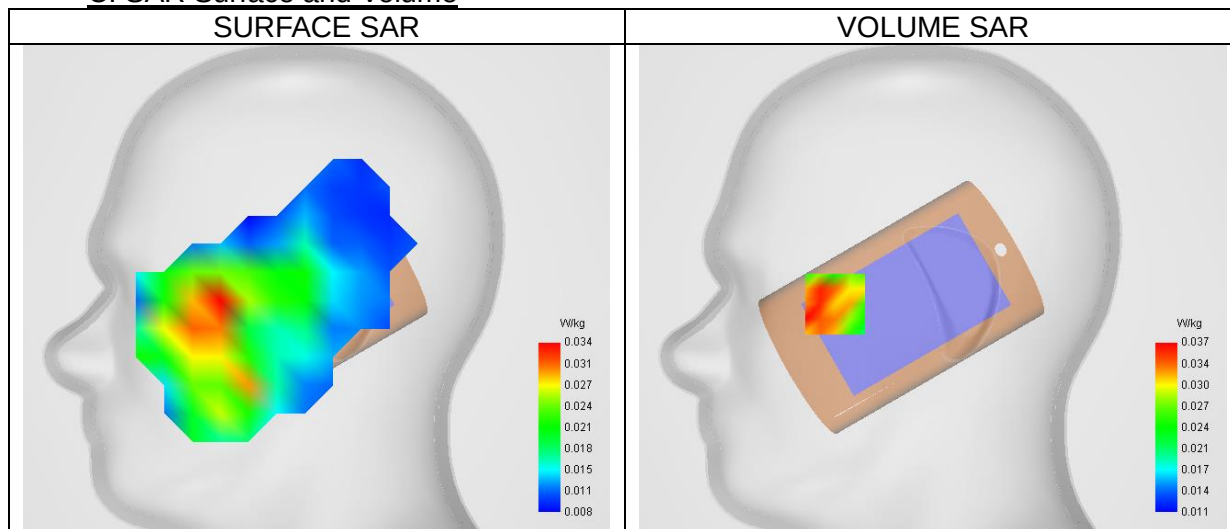
A. Experimental conditions.

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)	38.27
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.44

C. SAR Surface and Volume



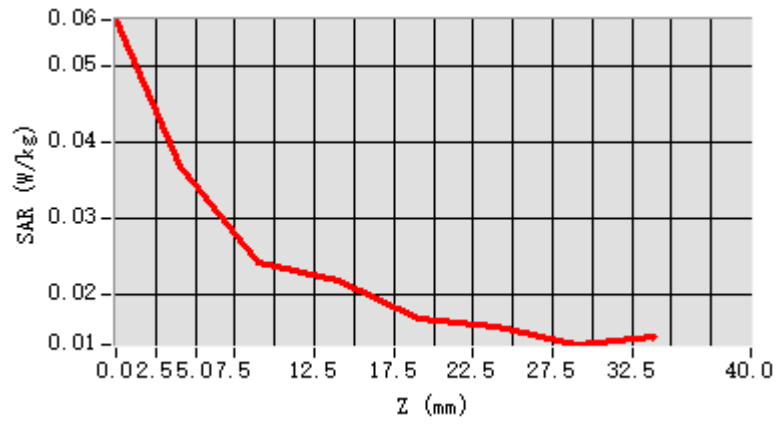
Maximum location: X=-52.00, Y=-8.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

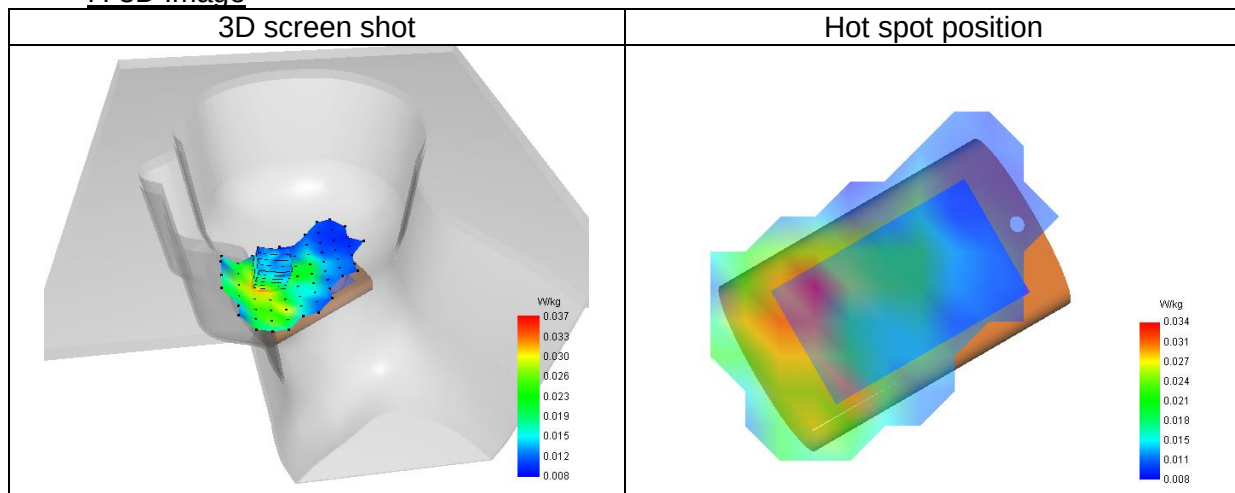
SAR 10g (W/Kg)	0.025
SAR 1g (W/Kg)	0.035
Variation (%)	-1.74
Horizontal validation criteria: minimum distance (mm)	15.87
Vertical validation criteria: SAR ratio M2/M1 (%)	65.68

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.056	0.037	0.024	0.022	0.017	0.016	0.013



F. 3D Image



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

Date of measurement: 12/9/2025

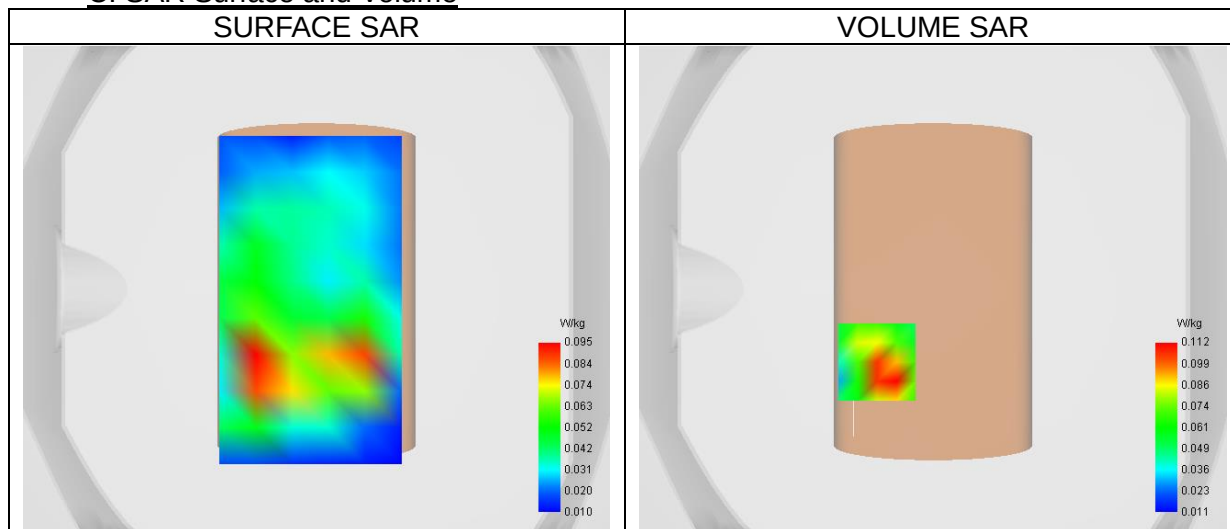
A. Experimental conditions.

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	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)	38.27
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.44

C. SAR Surface and Volume



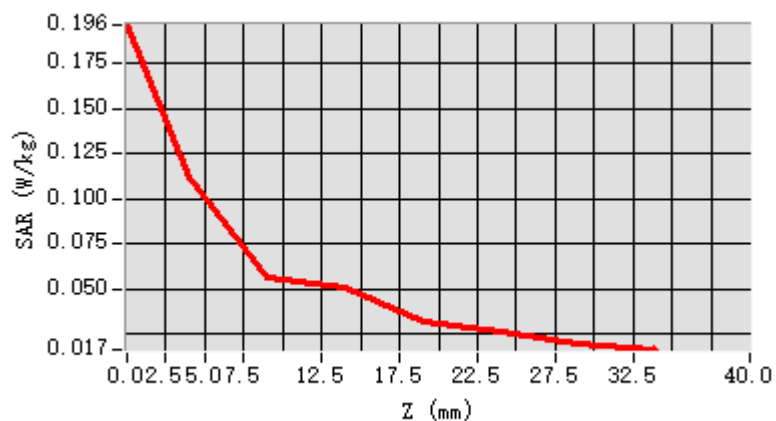
Maximum location: X=-23.00, Y=-30.00 ; SAR Peak: 0.16 W/kg

D. SAR 1g & 10g

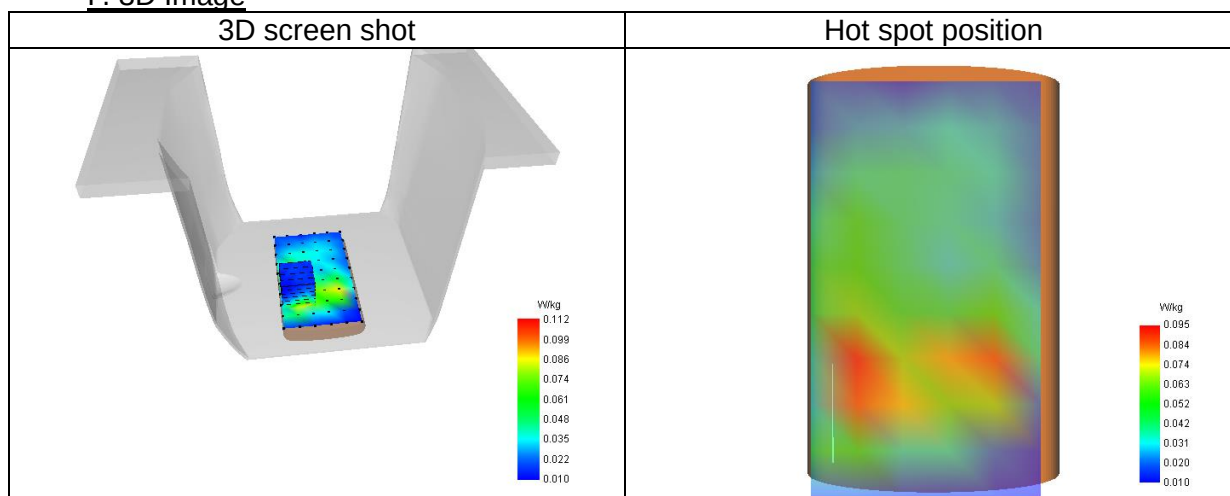
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.109
Variation (%)	3.26
Horizontal validation criteria: minimum distance (mm)	24.00
Vertical validation criteria: SAR ratio M2/M1 (%)	70.04

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.196	0.112	0.056	0.051	0.032	0.026	0.019



F. 3D Image



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

Date of measurement: 10/9/2025

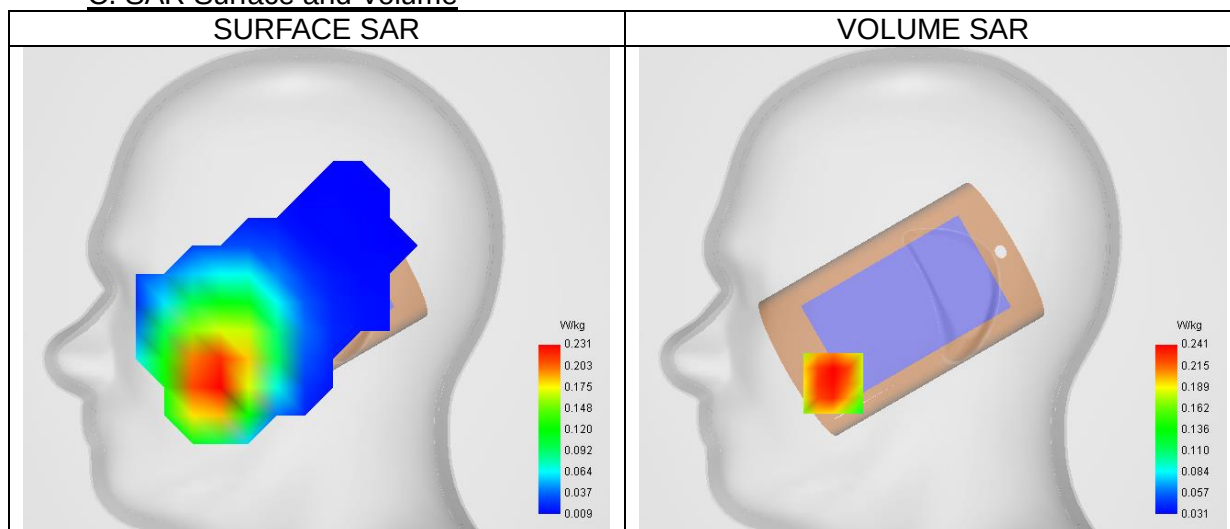
A. Experimental conditions.

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)	41.54
Relative permittivity (imaginary part)	19.52
Conductivity (S/m)	0.91

C. SAR Surface and Volume



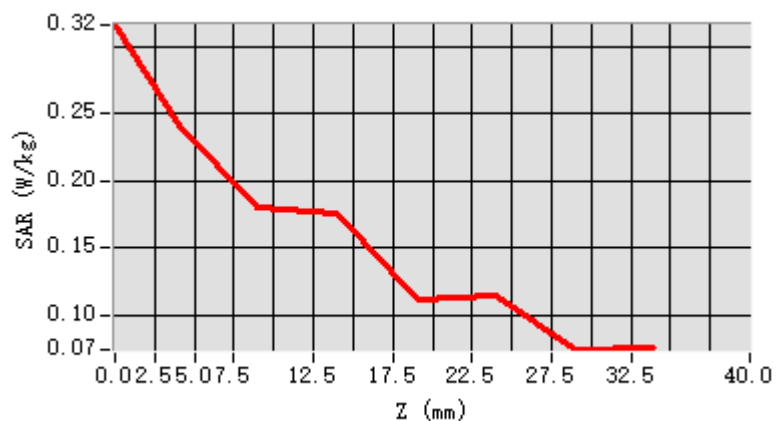
Maximum location: X=-53.00, Y=-49.00 ; SAR Peak: 0.29 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.171
SAR 1g (W/Kg)	0.236
Variation (%)	0.90
Horizontal validation criteria: minimum distance (mm)	28.84
Vertical validation criteria: SAR ratio M2/M1 (%)	86.93

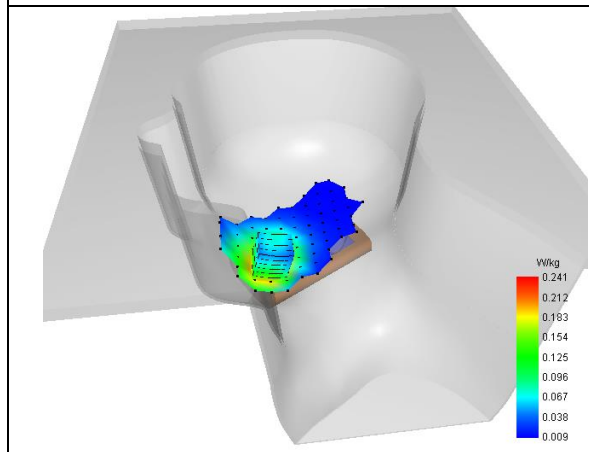
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.316	0.241	0.180	0.175	0.113	0.114	0.075

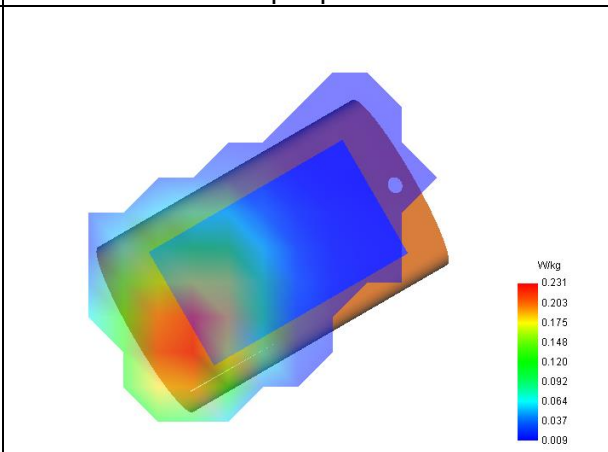


F. 3D Image

3D screen shot



Hot spot position



8# SAR Measurement at Band 5 (850) (Cheek, Validation Plane)

Date of measurement: 10/9/2025

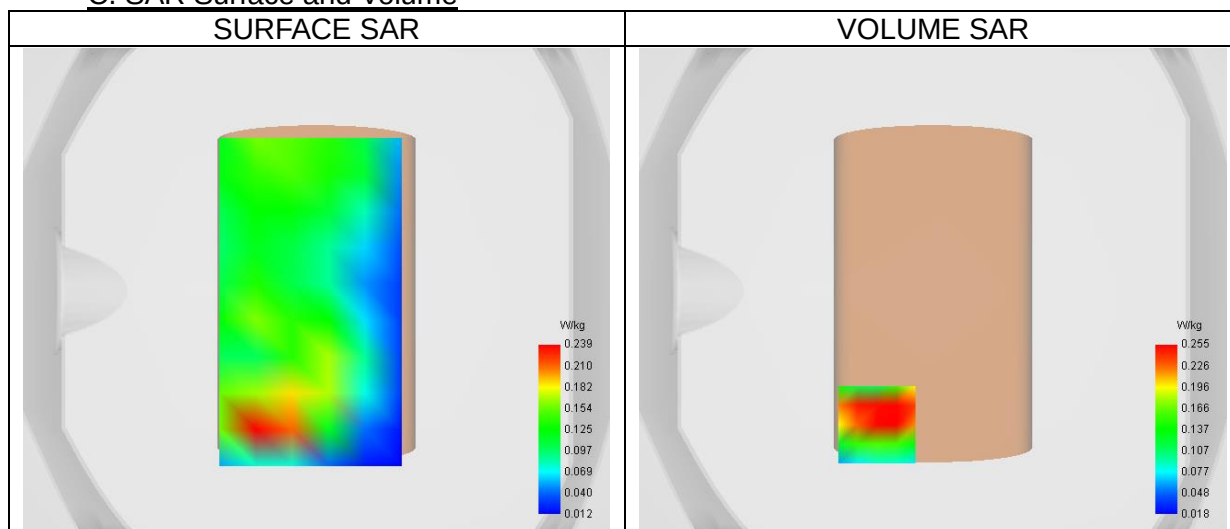
A. Experimental conditions.

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	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)	41.54
Relative permittivity (imaginary part)	19.52
Conductivity (S/m)	0.91

C. SAR Surface and Volume



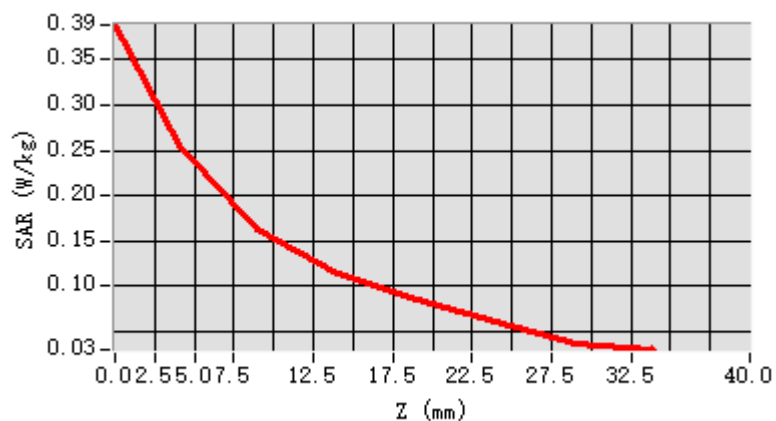
Maximum location: X=-23.00, Y=-55.00 ; SAR Peak: 0.45 W/kg

D. SAR 1g & 10g

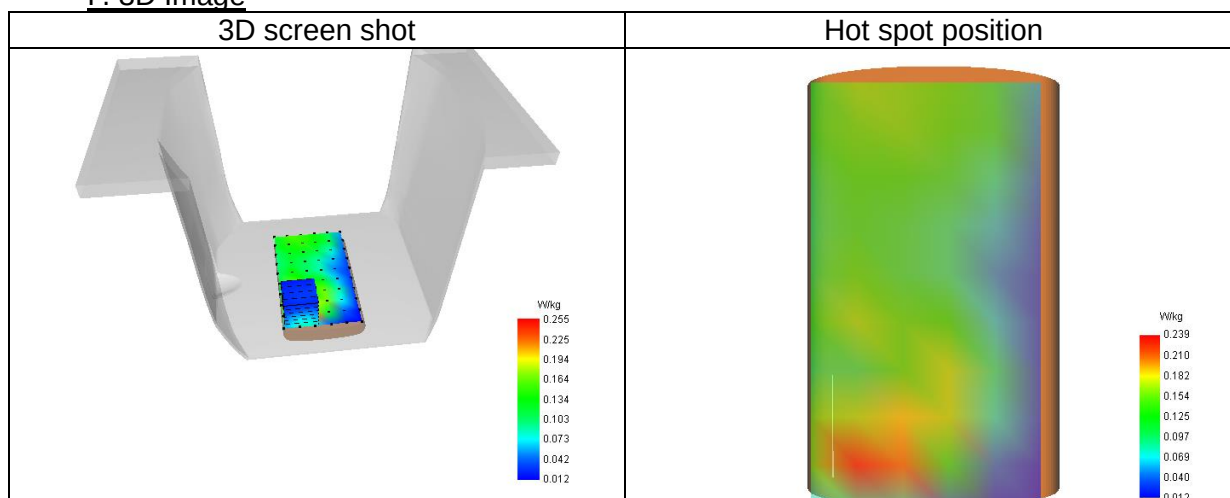
SAR 10g (W/Kg)	0.154
SAR 1g (W/Kg)	0.265
Variation (%)	2.30
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	66.95

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.389	0.255	0.163	0.113	0.084	0.061	0.036



F. 3D Image



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

Date of measurement: 15/9/2025

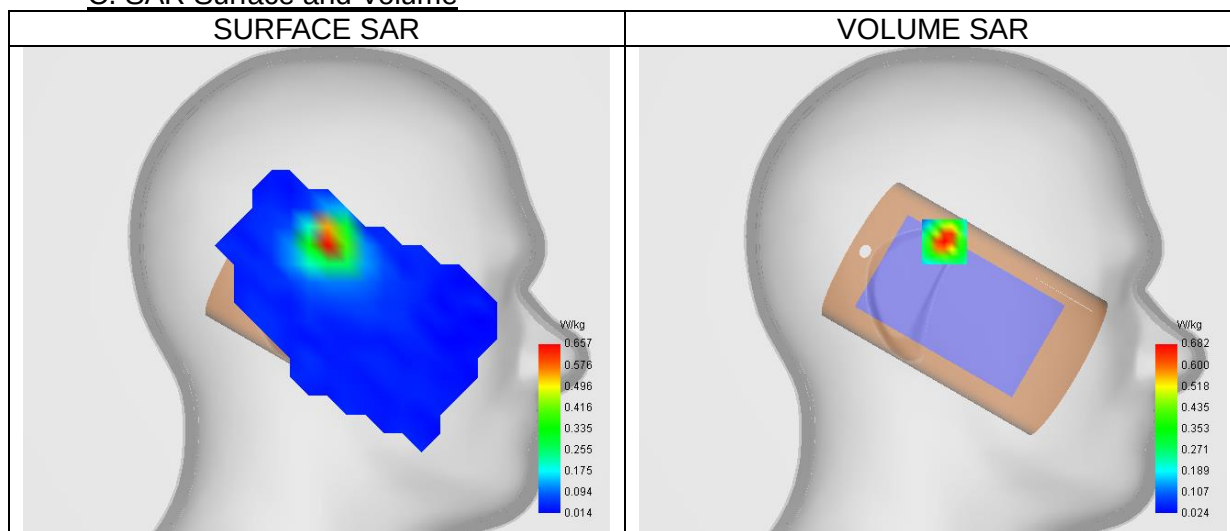
A. Experimental conditions.

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)	37.12
Relative permittivity (imaginary part)	15.82
Conductivity (S/m)	4.57

C. SAR Surface and Volume



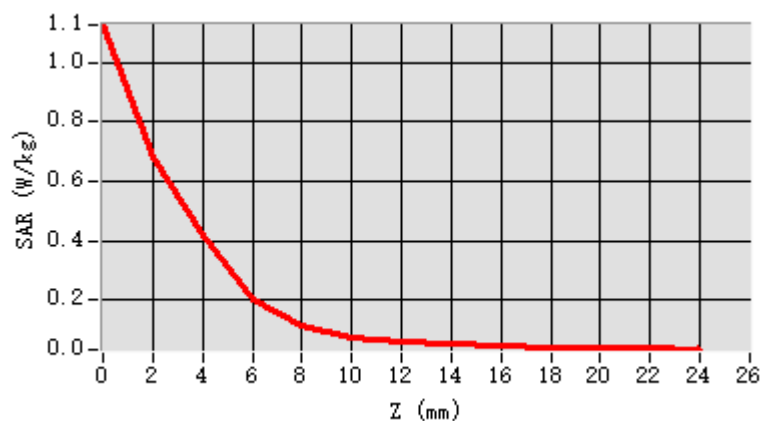
Maximum location: X=-6.00, Y=26.00 ; SAR Peak: 1.71 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.209
SAR 1g (W/Kg)	0.586
Variation (%)	1.46
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	61.42

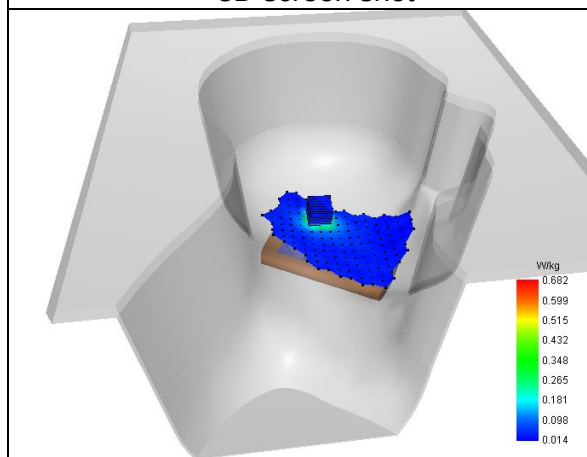
E. Z Axis Scan

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)	1.12 6	0.68 2	0.41 9	0.20 1	0.11 5	0.07 4	0.05 8	0.05 4	0.04 5	0.03 8	0.03 8	0.04 0

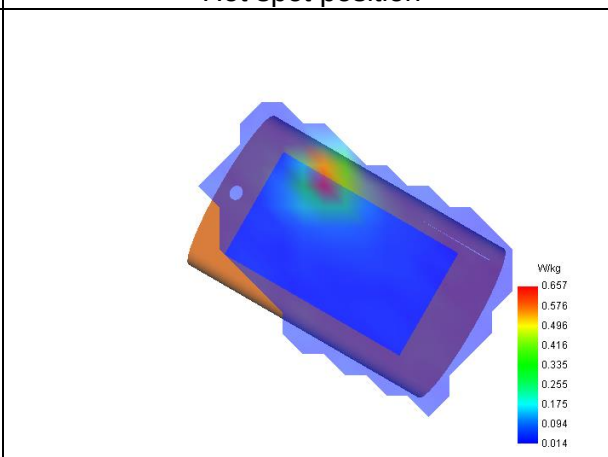


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 15/9/2025

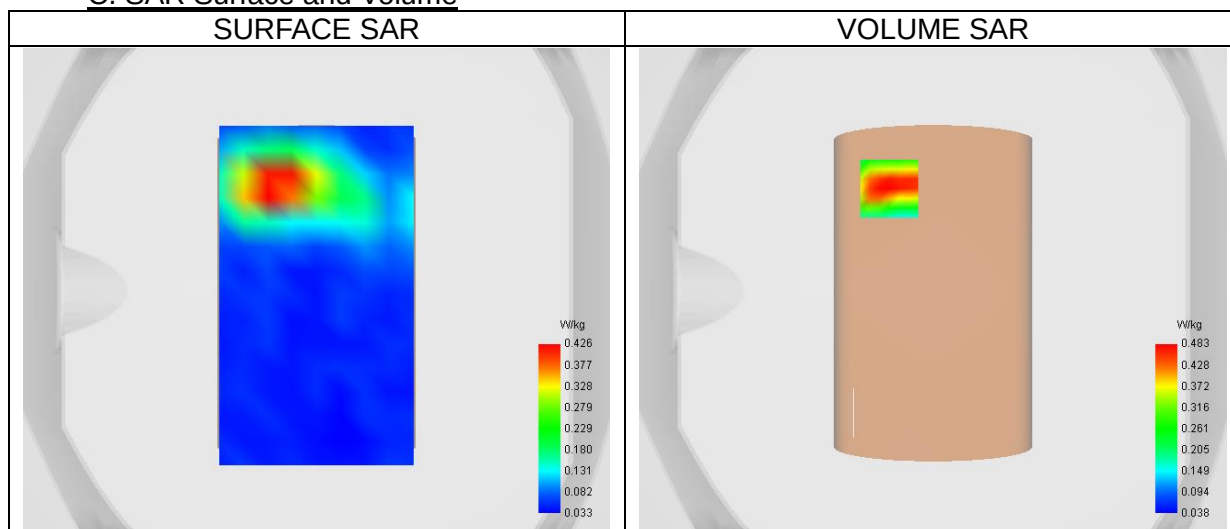
A. Experimental conditions.

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)	37.12
Relative permittivity (imaginary part)	15.82
Conductivity (S/m)	4.57

C. SAR Surface and Volume



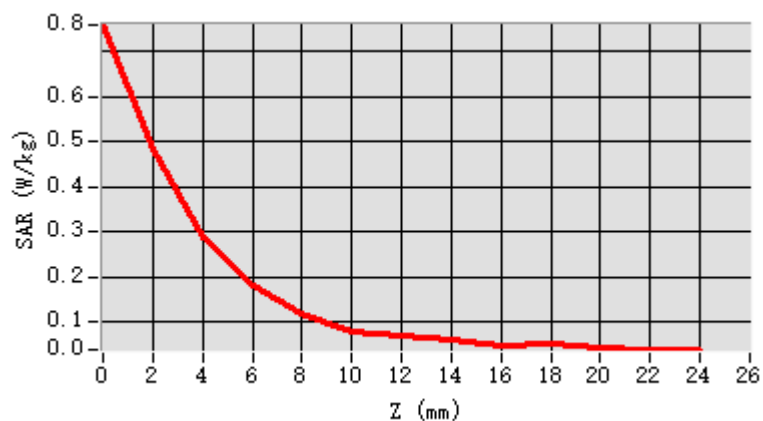
Maximum location: X=-18.00, Y=42.00 ; SAR Peak: 0.80 W/kg

D. SAR 1g & 10g

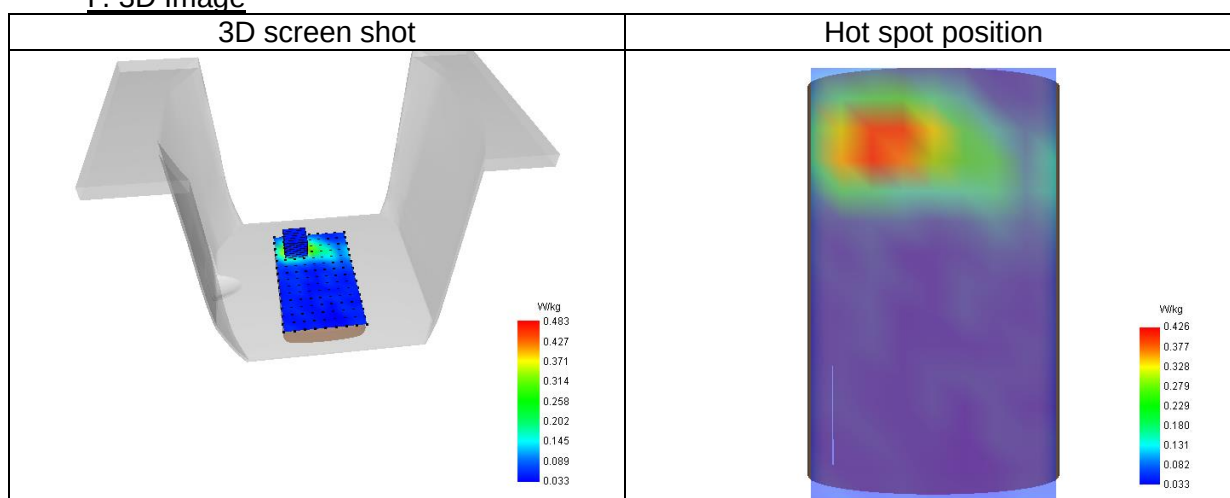
SAR 10g (W/Kg)	0.138
SAR 1g (W/Kg)	0.307
Variation (%)	-4.50
Horizontal validation criteria: minimum distance (mm)	12.00
Vertical validation criteria: SAR ratio M2/M1 (%)	60.32

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)	0.75 9	0.48 3	0.28 6	0.18 2	0.12 0	0.07 8	0.07 0	0.06 3	0.04 7	0.05 3	0.04 5	0.03 9



F. 3D Image



11# SAR Measurement at U-NII-2a (Cheek, Left)

Date of measurement: 17/9/2025

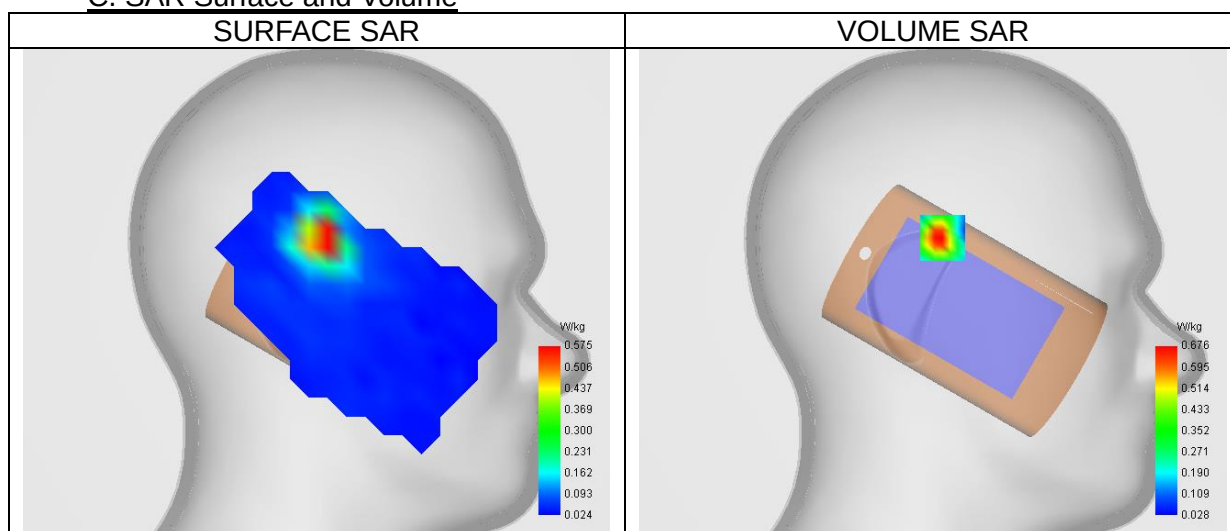
A. Experimental conditions.

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-2a
Signal	IEEE 802.11 a
Channels/Frequency	Middle (56)/ frequency 5280.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5280.00
Relative permittivity (real part)	35.11
Relative permittivity (imaginary part)	16.18
Conductivity (S/m)	4.74

C. SAR Surface and Volume



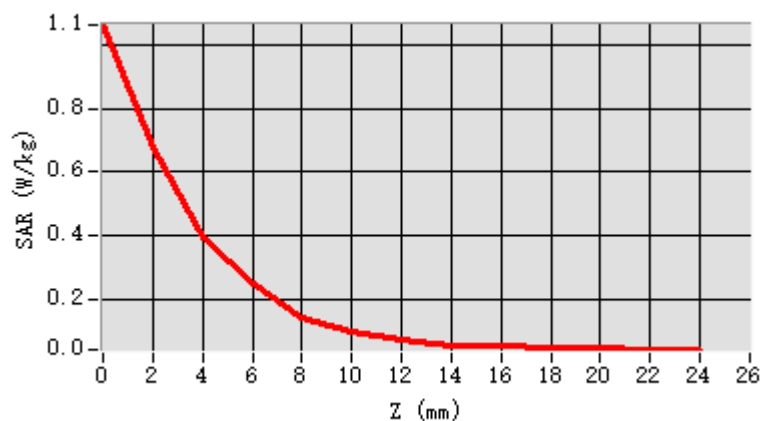
Maximum location: X=-5.00, Y=29.00 ; SAR Peak: 1.66 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.240
SAR 1g (W/Kg)	0.654
Variation (%)	2.28
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	57.85

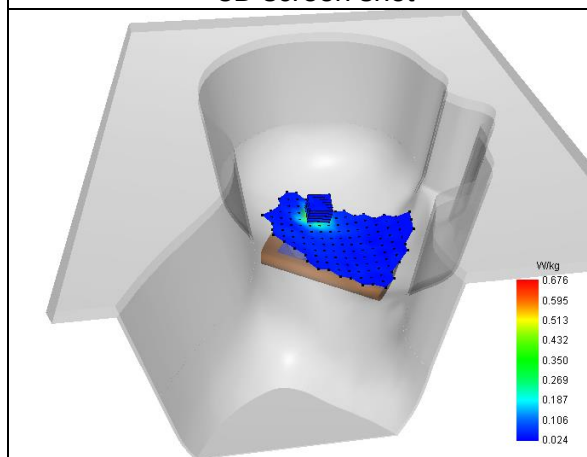
E. Z Axis Scan

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)	1.06	0.67	0.39	0.24	0.14	0.09	0.07	0.05	0.05	0.04	0.04	0.03
	5	6	1	6	2	8	0	4	1	3	4	9

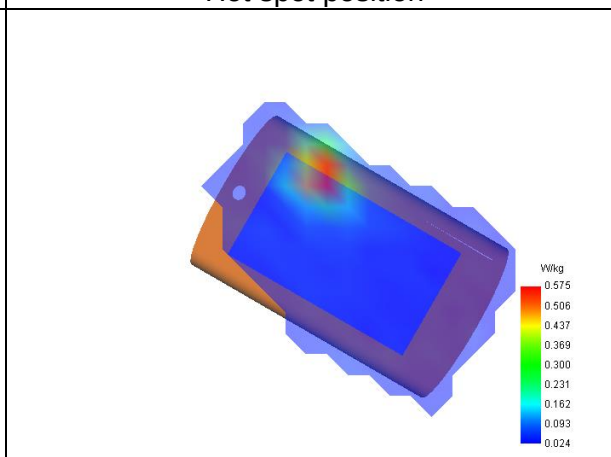


F. 3D Image

3D screen shot



Hot spot position



12# SAR Measurement at U-NII-2a (Body, Validation Plane)

Date of measurement: 17/9/2025

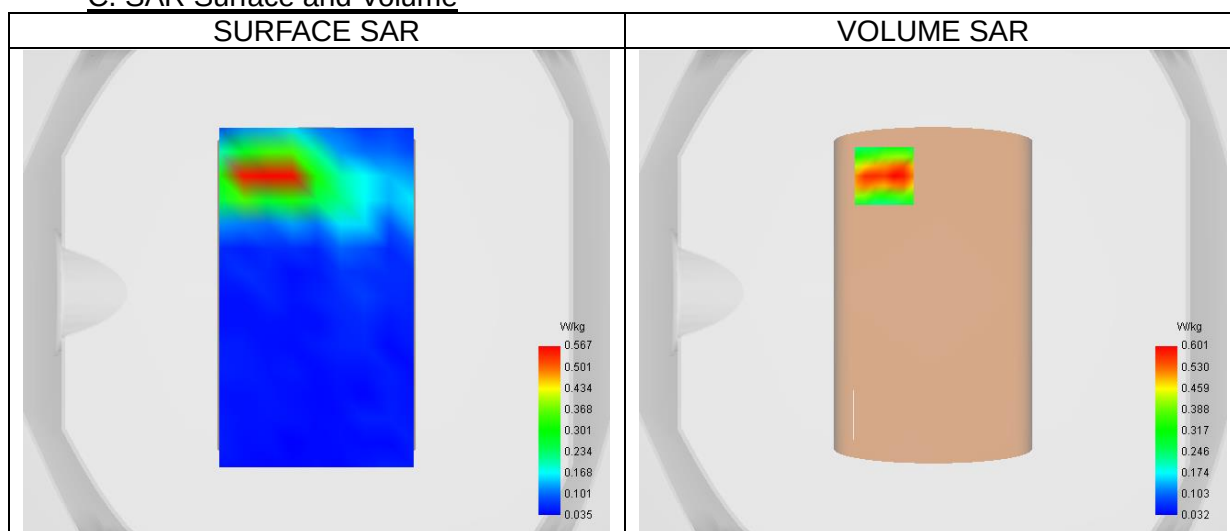
A. Experimental conditions.

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-2a
Signal	IEEE 802.11 a
Channels/Frequency	Middle (56)/ frequency 5280.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5280.00
Relative permittivity (real part)	35.11
Relative permittivity (imaginary part)	16.18
Conductivity (S/m)	4.74

C. SAR Surface and Volume



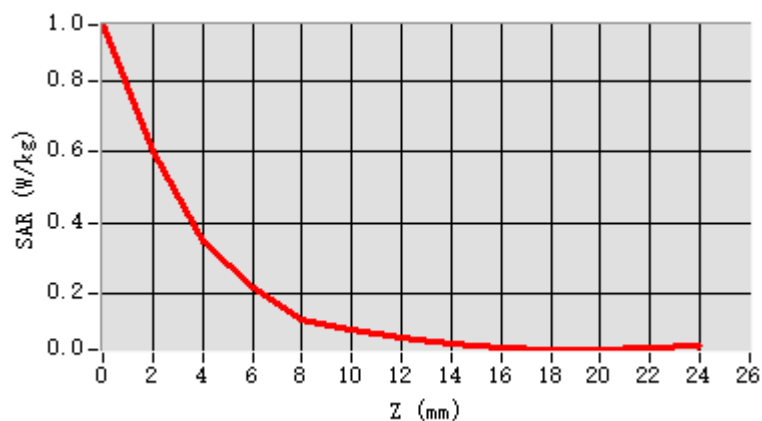
Maximum location: X=-20.00, Y=48.00 ; SAR Peak: 1.01 W/kg

D. SAR 1g & 10g

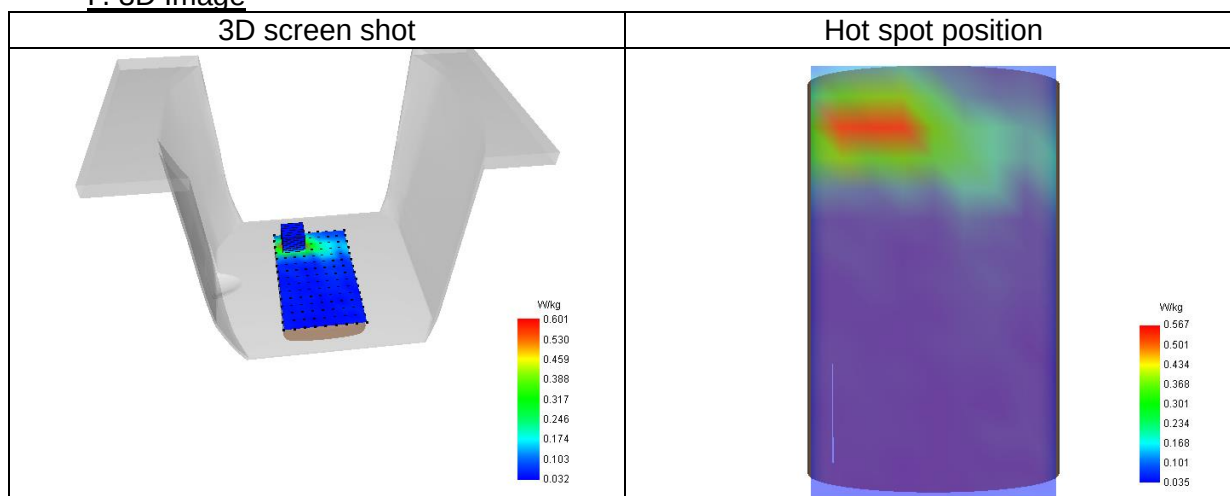
SAR 10g (W/Kg)	0.134
SAR 1g (W/Kg)	0.373
Variation (%)	0.64
Horizontal validation criteria: minimum distance (mm)	12.00
Vertical validation criteria: SAR ratio M2/M1 (%)	58.39

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
						0	0	0	0	0	0	0
SAR (W/Kg)	0.96	0.60	0.34	0.21	0.12	0.09	0.07	0.05	0.04	0.04	0.04	0.04
	0	1	4	4	5	7	3	7	5	1	0	7



F. 3D Image



13# SAR Measurement at U-NII-2c (Cheek, Left)

Date of measurement: 18/9/2025

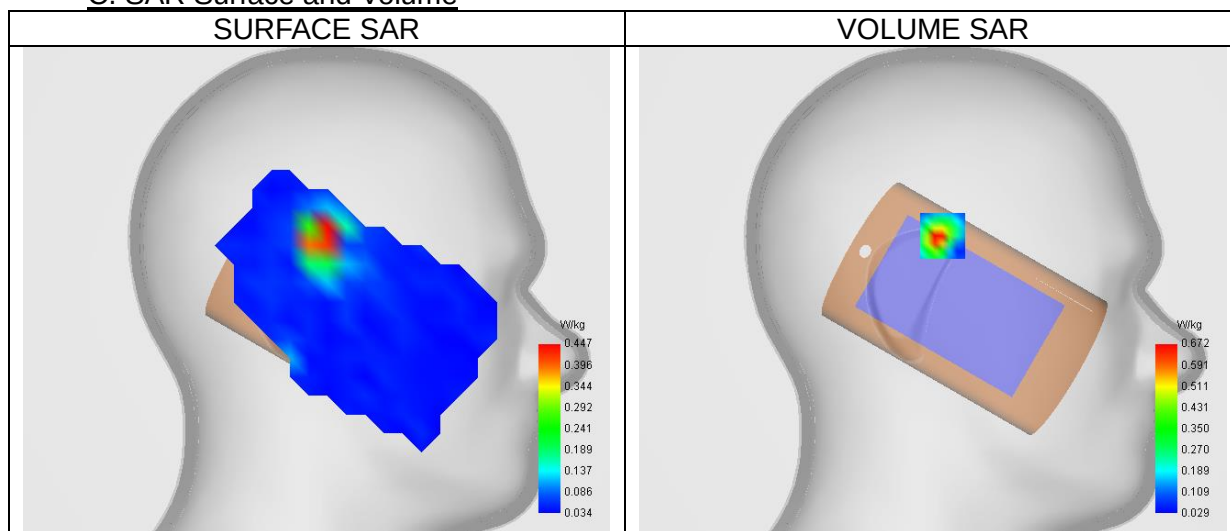
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.36
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-2c
Signal	IEEE 802.11 a
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5600.00
Relative permittivity (real part)	35.19
Relative permittivity (imaginary part)	16.03
Conductivity (S/m)	4.99

C. SAR Surface and Volume



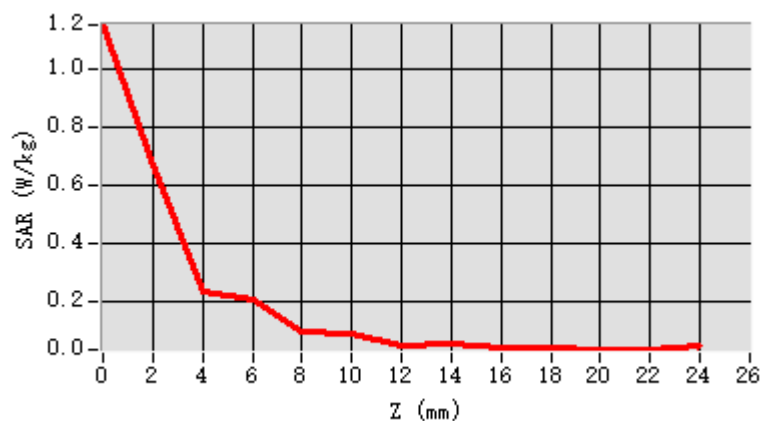
Maximum location: X=-5.00, Y=29.00 ; SAR Peak: 1.73 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.189
SAR 1g (W/Kg)	0.600
Variation (%)	-1.24
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	56.48

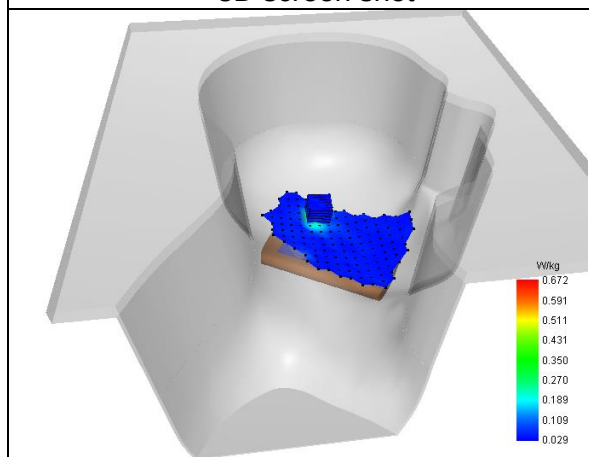
E. Z Axis Scan

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)	1.15	0.67	0.23	0.20	0.09	0.09	0.05	0.05	0.04	0.04	0.03	0.03
	1	2	7	7	7	2	2	7	4	3	6	9

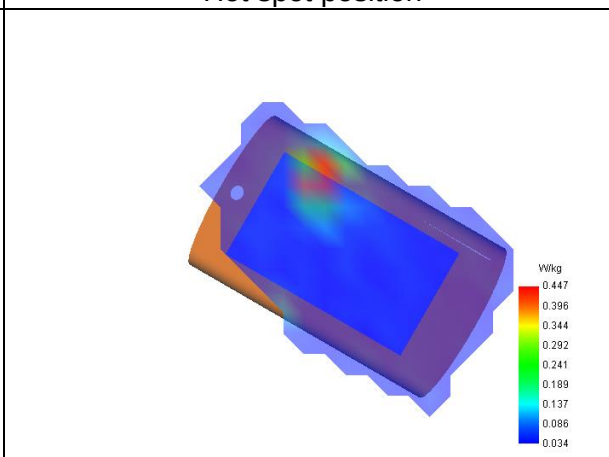


F. 3D Image

3D screen shot



Hot spot position



14# SAR Measurement at U-NII-2c (Body, Validation Plane)

Date of measurement: 18/9/2025

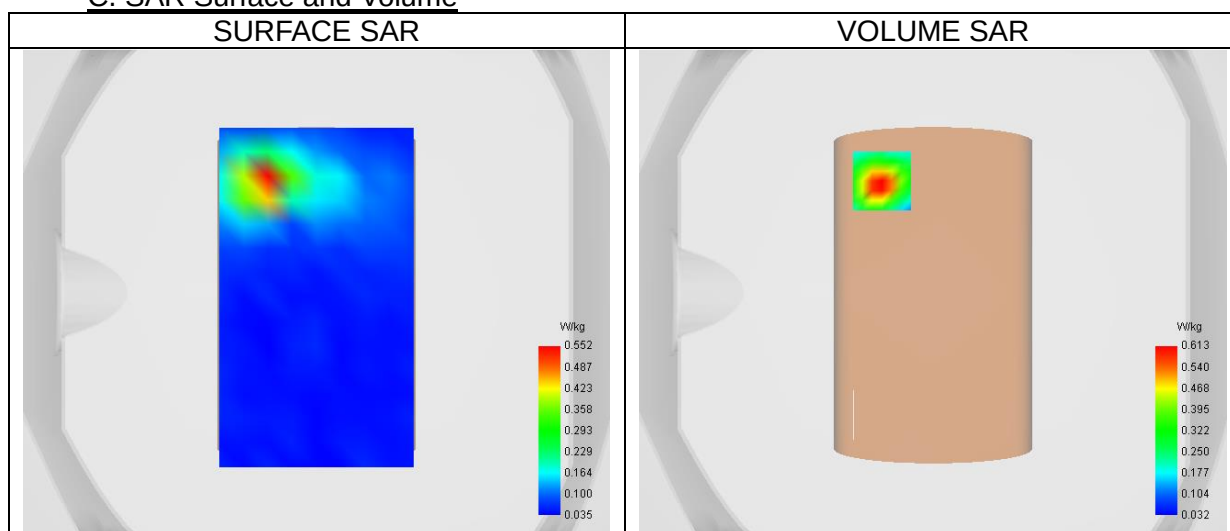
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.36
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-2c
Signal	IEEE 802.11 a
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5600.00
Relative permittivity (real part)	35.19
Relative permittivity (imaginary part)	16.03
Conductivity (S/m)	4.99

C. SAR Surface and Volume



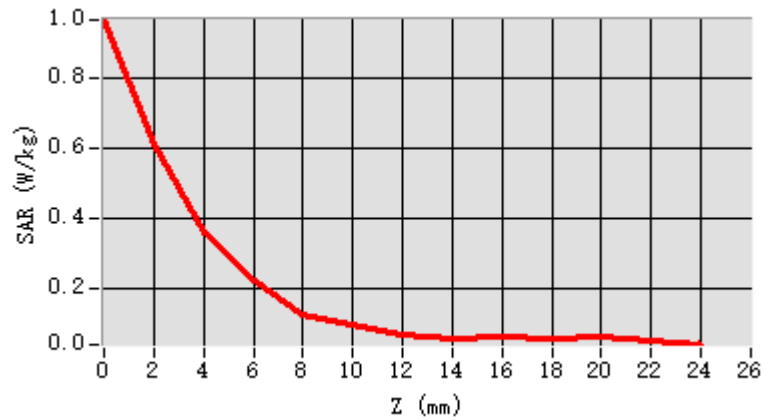
Maximum location: X=-21.00, Y=46.00 ; SAR Peak: 1.06 W/kg

D. SAR 1g & 10g

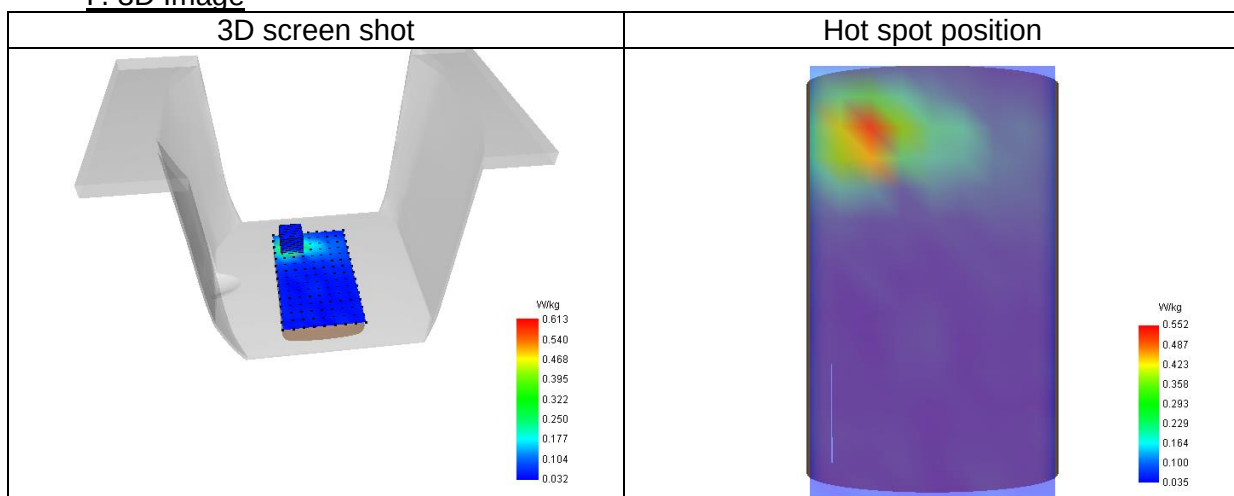
SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.374
Variation (%)	-1.85
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	58.54

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)	0.96	0.61	0.35	0.22	0.12	0.09	0.06	0.05	0.06	0.05	0.06	0.05
	4	3	9	2	5	8	9	8	3	8	1	4



F. 3D Image



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

Date of measurement: 16/9/2025

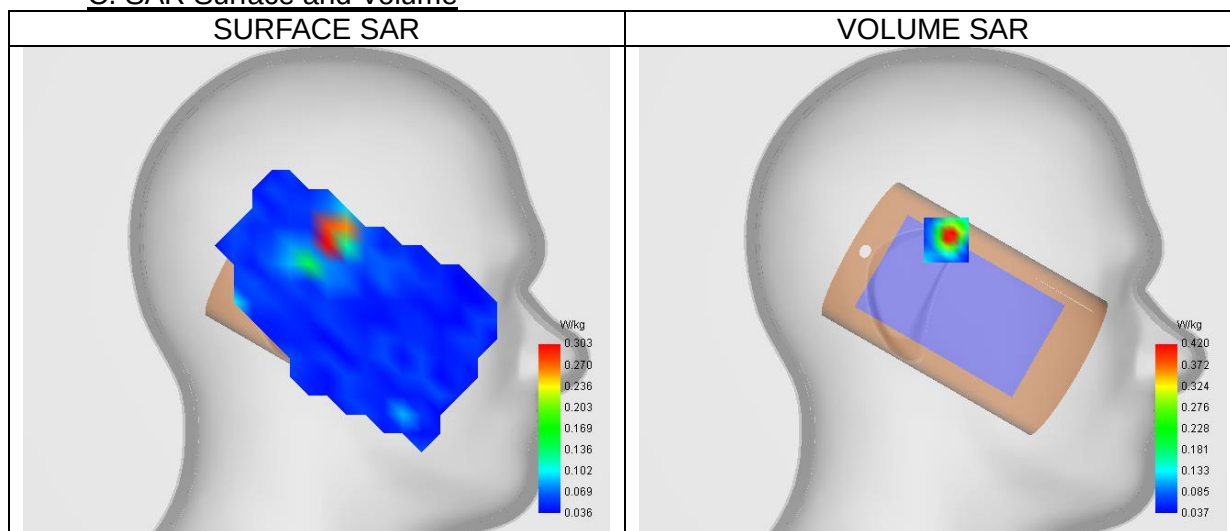
A. Experimental conditions.

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)	35.80
Relative permittivity (imaginary part)	16.06
Conductivity (S/m)	5.16

C. SAR Surface and Volume



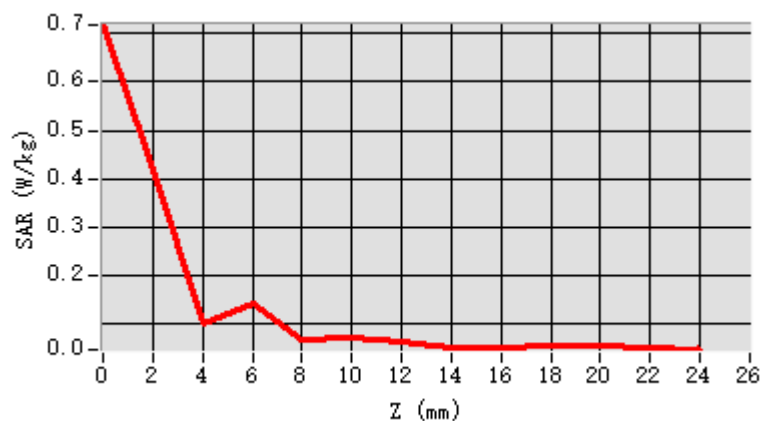
Maximum location: X=-7.00, Y=27.00 ; SAR Peak: 1.12 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.124
SAR 1g (W/Kg)	0.388
Variation (%)	-2.80
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	56.22

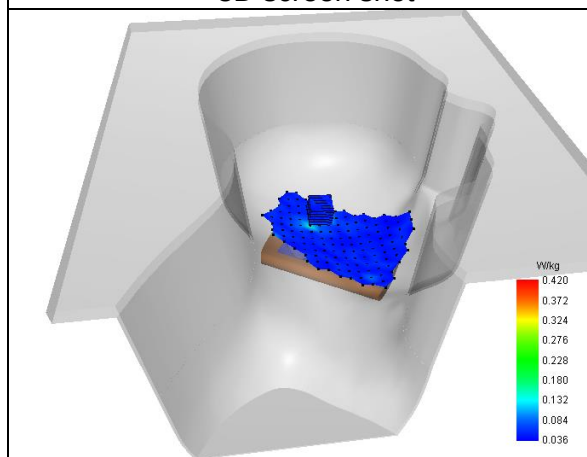
E. Z Axis Scan

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)	0.718	0.420	0.103	0.143	0.067	0.073	0.064	0.052	0.051	0.057	0.055	0.050

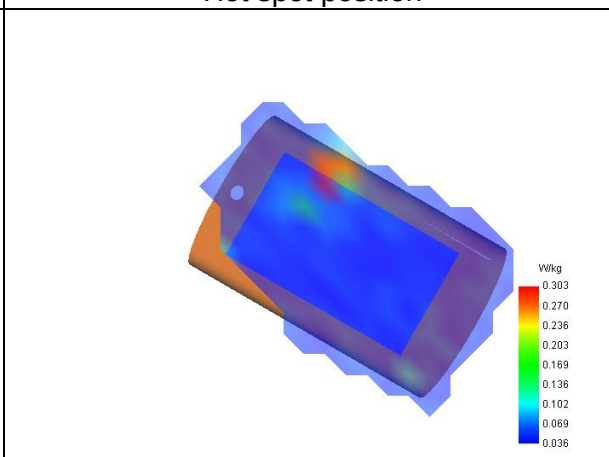


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 16/9/2025

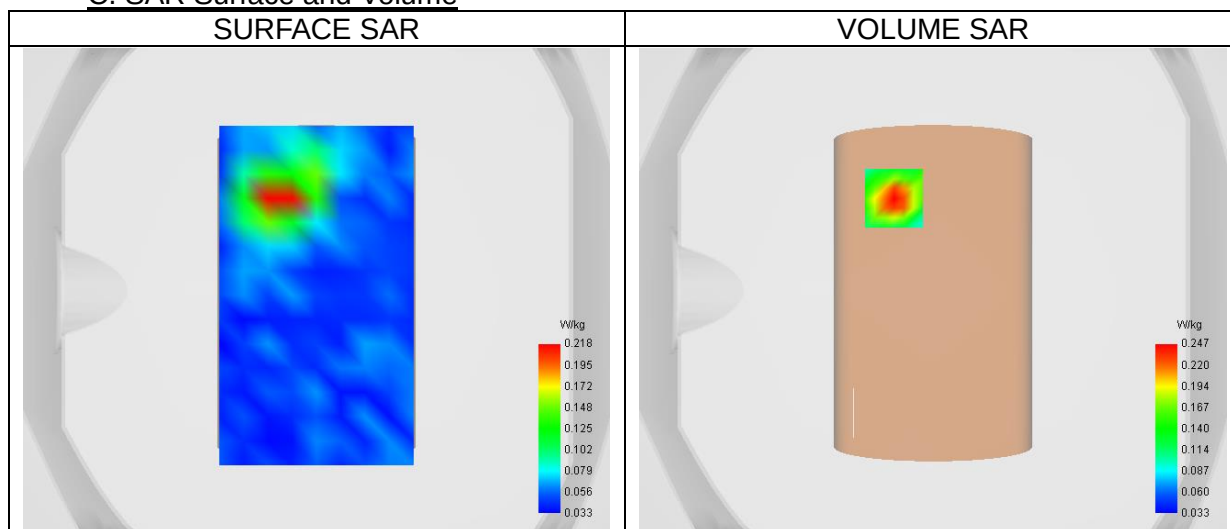
A. Experimental conditions.

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)	35.80
Relative permittivity (imaginary part)	16.06
Conductivity (S/m)	5.16

C. SAR Surface and Volume



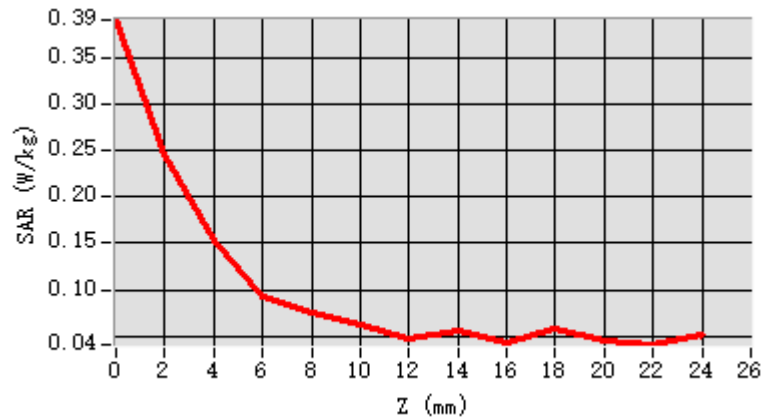
Maximum location: X=-16.00, Y=38.00 ; SAR Peak: 0.42 W/kg

D. SAR 1g & 10g

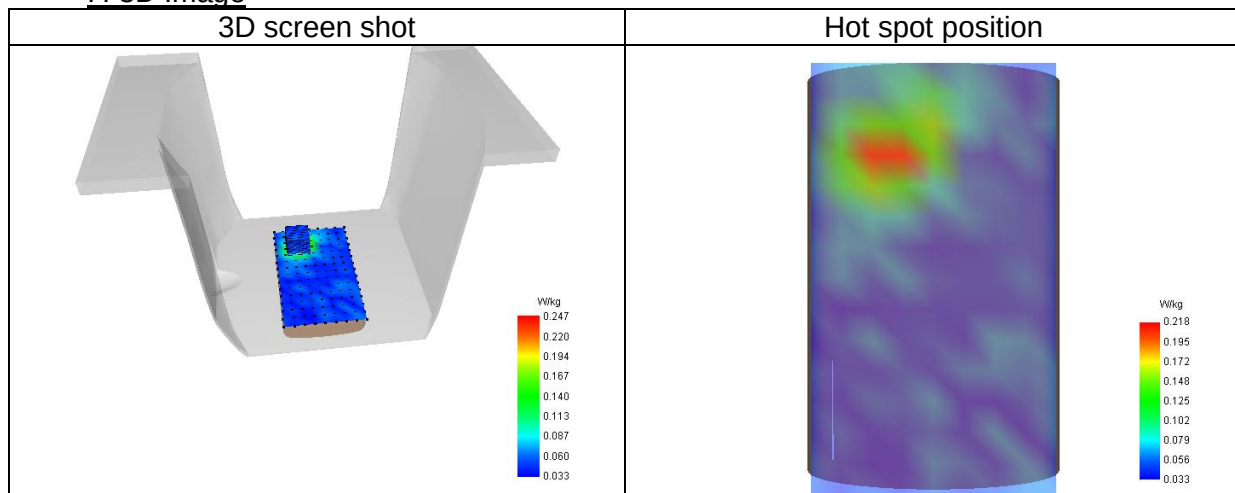
SAR 10g (W/Kg)	0.079
SAR 1g (W/Kg)	0.160
Variation (%)	-4.62
Horizontal validation criteria: minimum distance (mm)	12.00
Vertical validation criteria: SAR ratio M2/M1 (%)	62.30

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)	0.39	0.24	0.15	0.09	0.07	0.06	0.04	0.05	0.04	0.05	0.04	0.04
	1	7	4	2	6	2	7	5	3	9	5	1



F. 3D Image



17# SAR Measurement at ISM (Cheek, Left)

Date of measurement: 13/9/2025

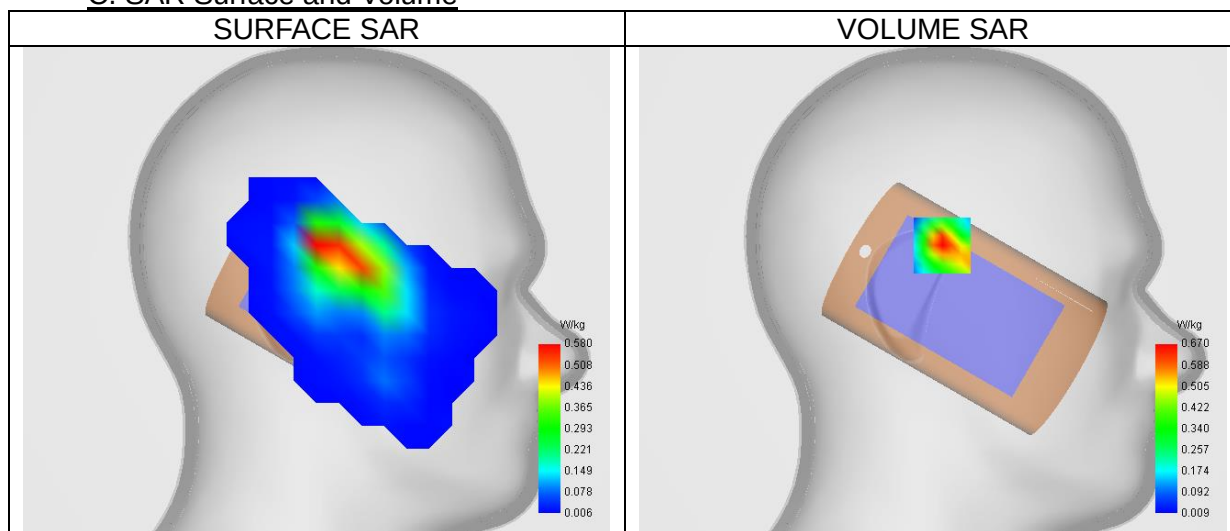
A. Experimental conditions.

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)	38.22
Relative permittivity (imaginary part)	13.23
Conductivity (S/m)	1.79

C. SAR Surface and Volume



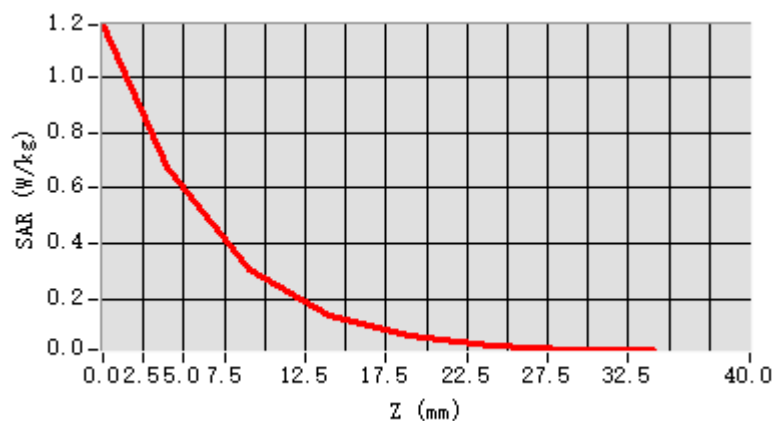
Maximum location: X=-5.00, Y=24.00 ; SAR Peak: 1.18 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.250
SAR 1g (W/Kg)	0.611
Variation (%)	-1.43
Horizontal validation criteria: minimum distance (mm)	11.18
Vertical validation criteria: SAR ratio M2/M1 (%)	48.91

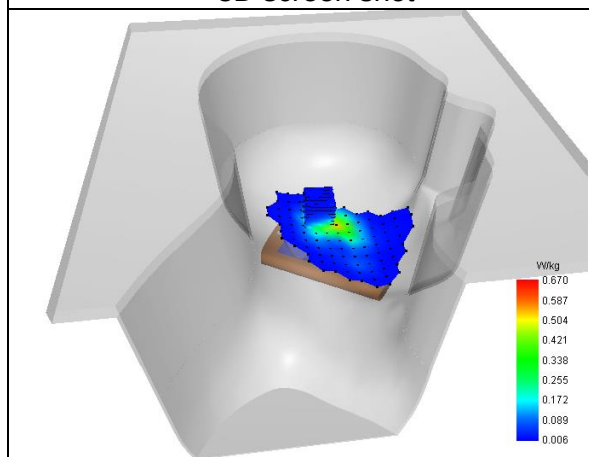
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.186	0.670	0.304	0.138	0.067	0.033	0.020

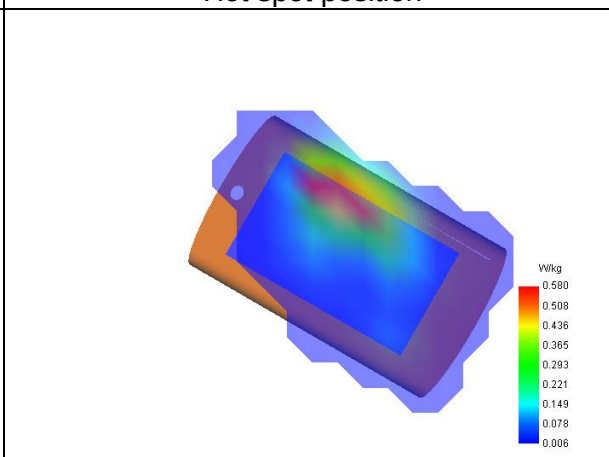


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 13/9/2025

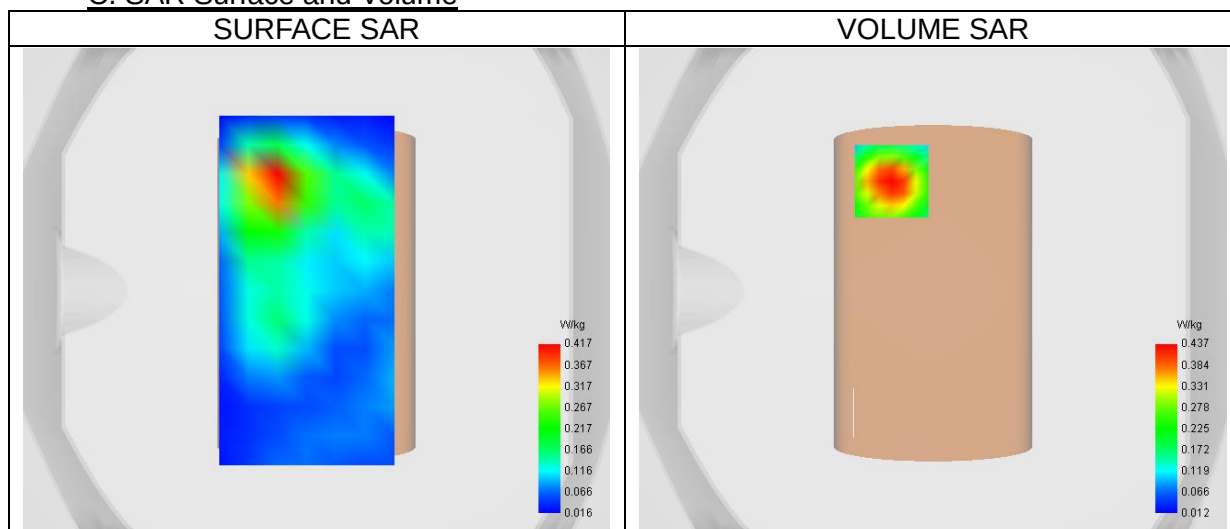
A. Experimental conditions.

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)	38.22
Relative permittivity (imaginary part)	13.23
Conductivity (S/m)	1.79

C. SAR Surface and Volume



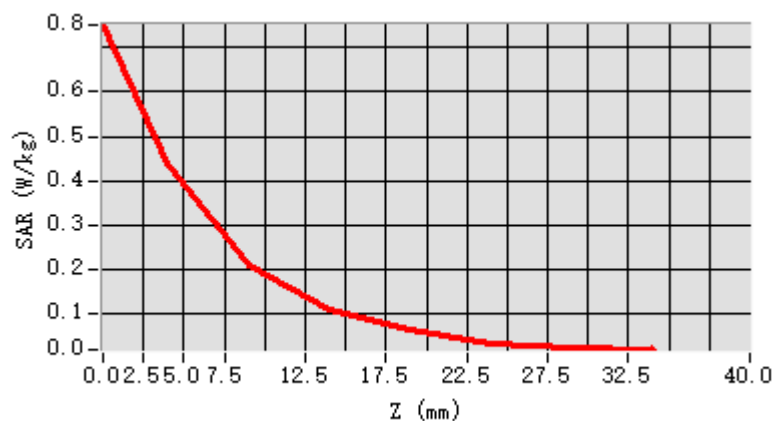
Maximum location: X=-17.00, Y=45.00 ; SAR Peak: 0.74 W/kg

D. SAR 1g & 10g

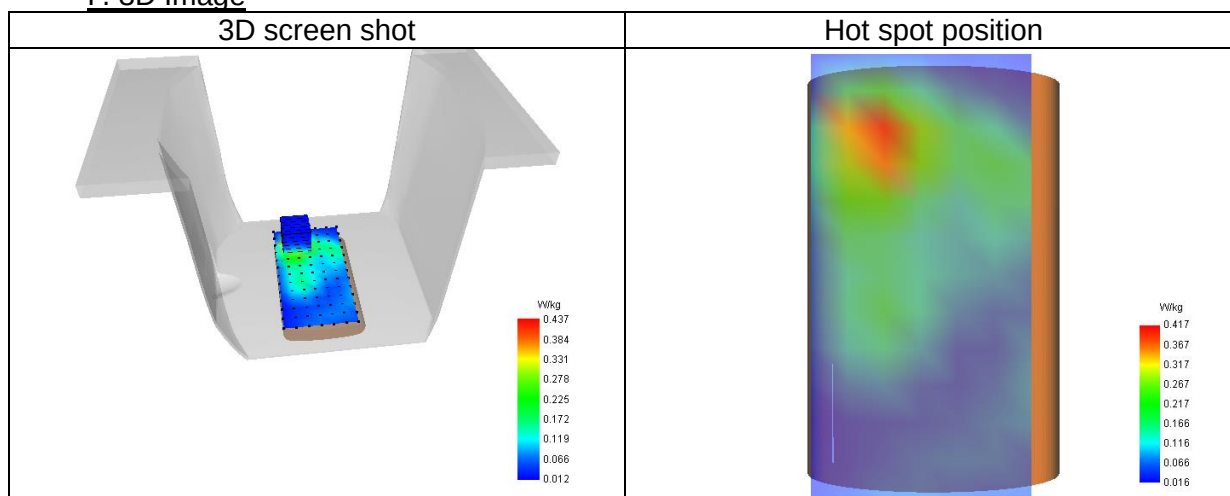
SAR 10g (W/Kg)	0.205
SAR 1g (W/Kg)	0.412
Variation (%)	0.72
Horizontal validation criteria: minimum distance (mm)	14.14
Vertical validation criteria: SAR ratio M2/M1 (%)	48.46

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.751	0.437	0.212	0.111	0.065	0.033	0.027



F. 3D Image



19# SAR Measurement at LTE band 2 (Cheek, Left)

Date of measurement: 12/9/2025

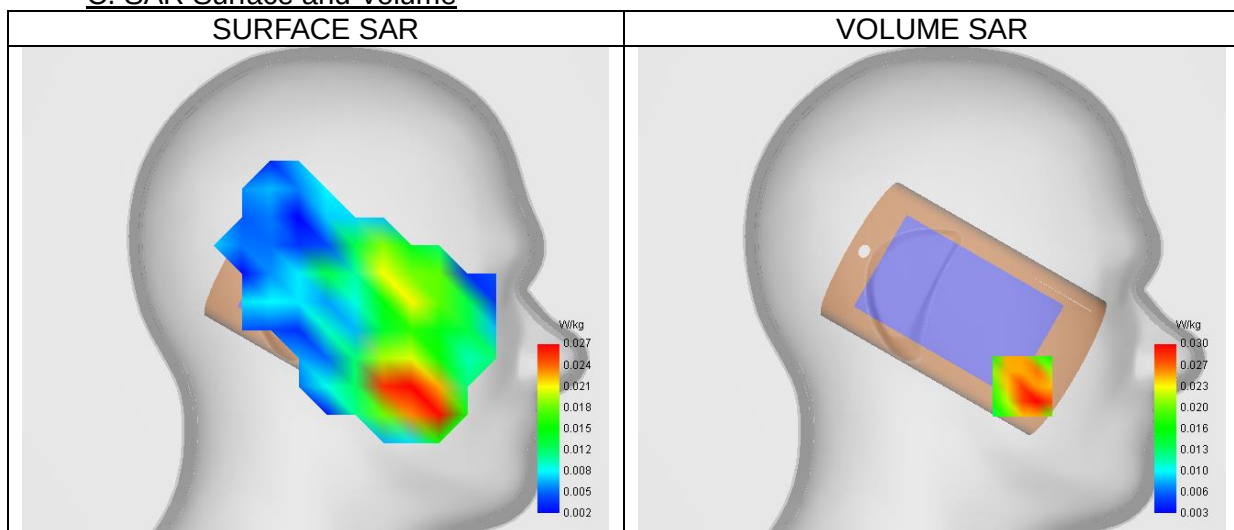
A. Experimental conditions.

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	Left 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)	38.27
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.44

C. SAR Surface and Volume



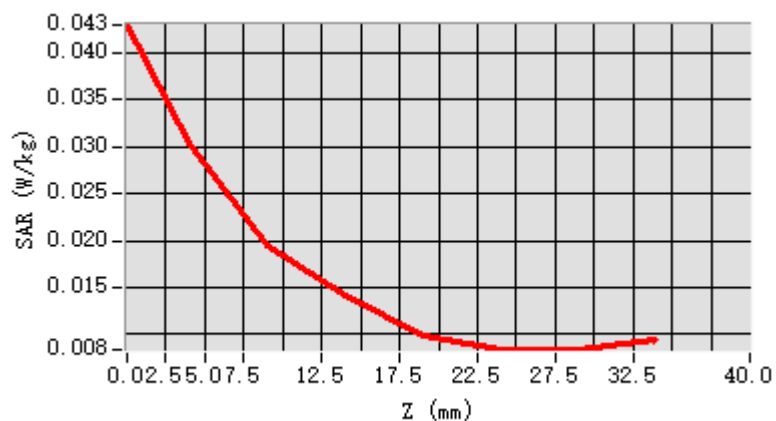
Maximum location: X=-48.00, Y=-51.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.018
SAR 1g (W/Kg)	0.029
Variation (%)	3.49
Horizontal validation criteria: minimum distance (mm)	25.30
Vertical validation criteria: SAR ratio M2/M1 (%)	72.45

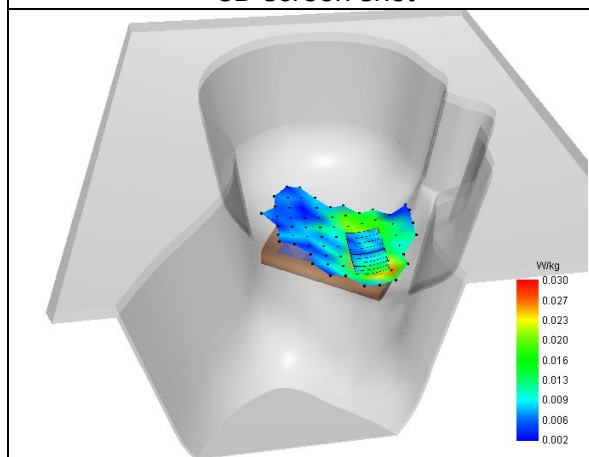
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.043	0.030	0.020	0.014	0.010	0.008	0.008

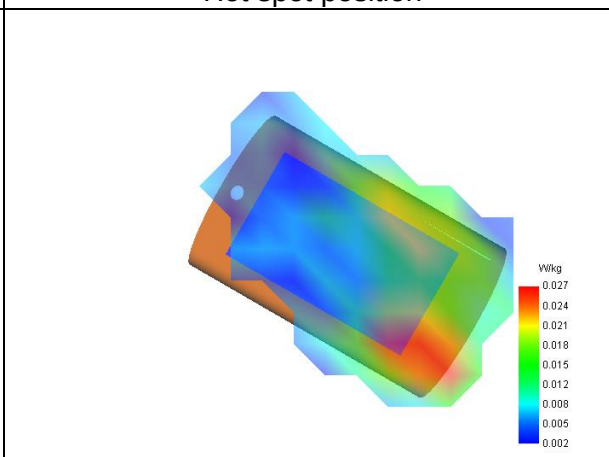


F. 3D Image

3D screen shot



Hot spot position



20# SAR Measurement at LTE band 2 (Cheek, Validation Plane)

Date of measurement: 12/9/2025

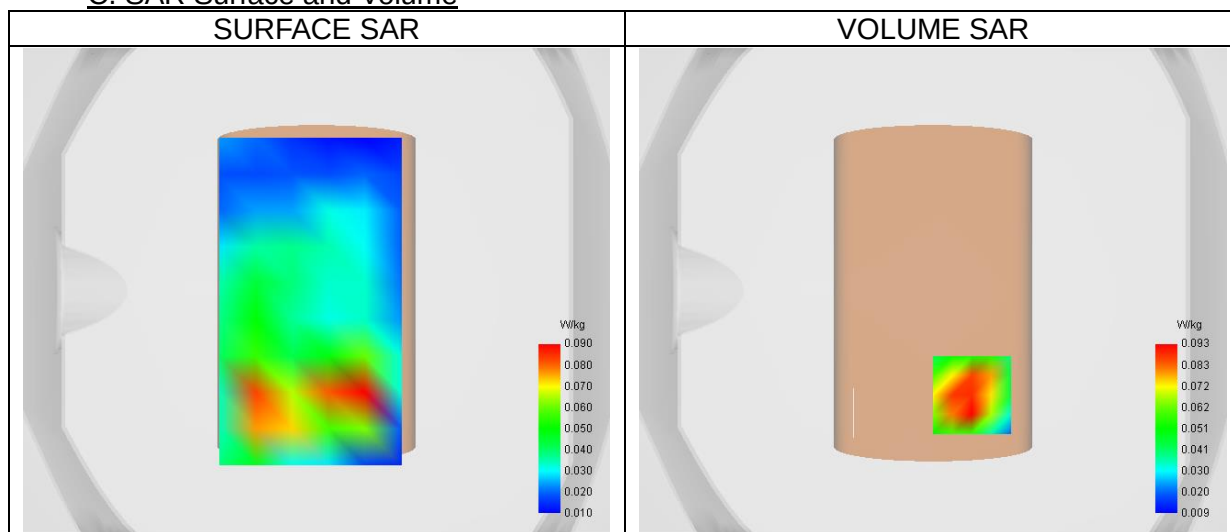
A. Experimental conditions.

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	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)	38.27
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.44

C. SAR Surface and Volume



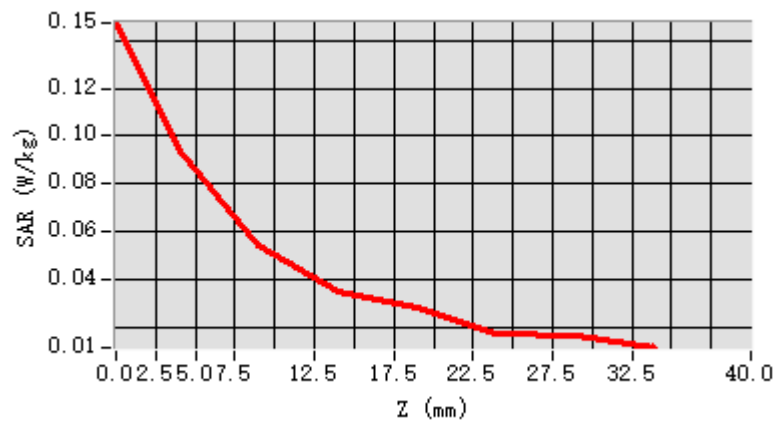
Maximum location: X=16.00, Y=-43.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

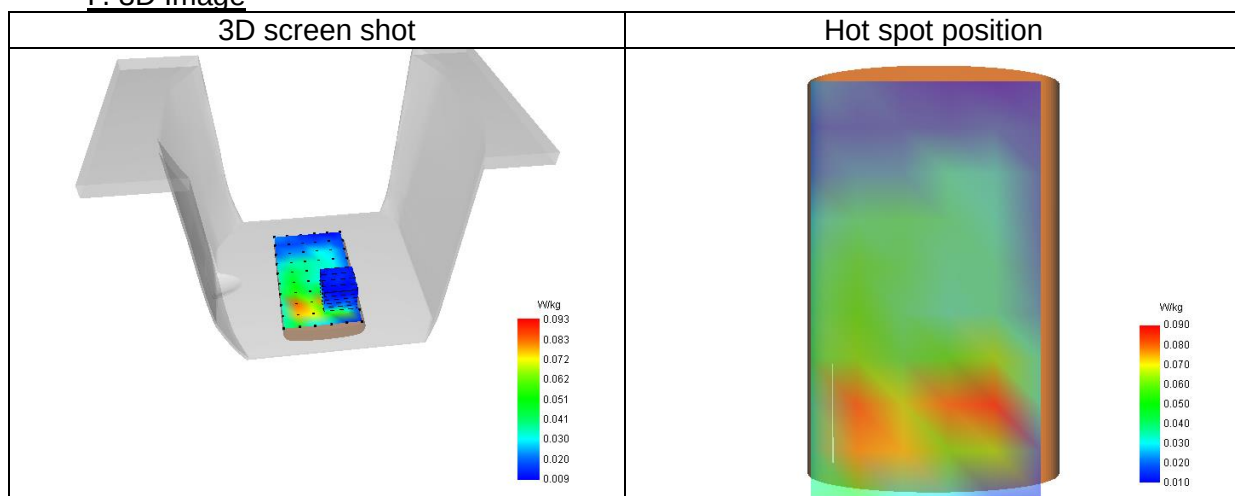
SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.090
Variation (%)	-1.03
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	70.56

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.147	0.093	0.054	0.035	0.028	0.017	0.016



F. 3D Image



21# SAR Measurement at LTE band 4 (Cheek, Left)

Date of measurement: 11/9/2025

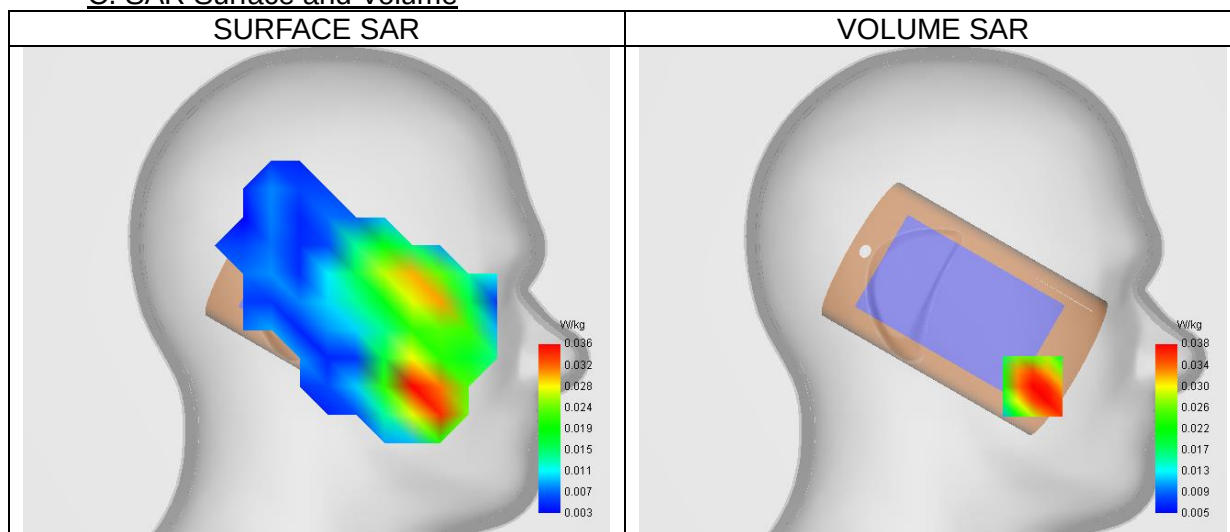
A. Experimental conditions.

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	Left 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)	39.17
Relative permittivity (imaginary part)	13.61
Conductivity (S/m)	1.31

C. SAR Surface and Volume



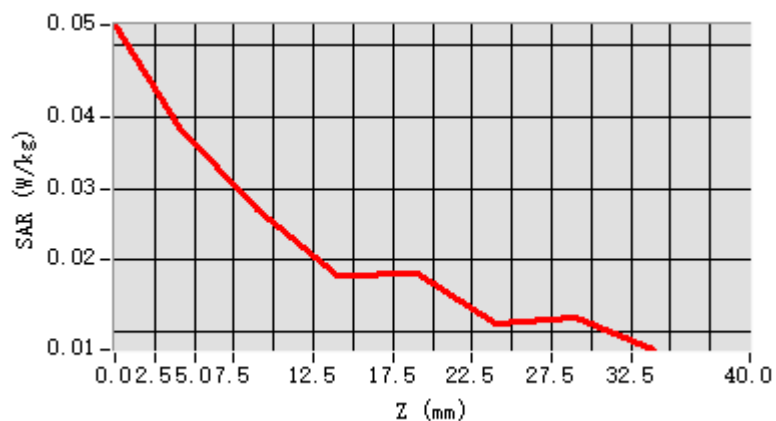
Maximum location: X=-53.00, Y=-51.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.024
SAR 1g (W/Kg)	0.037
Variation (%)	2.93
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	71.18

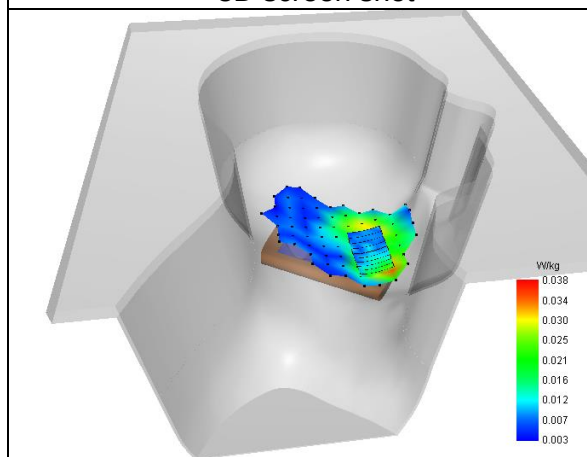
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.053	0.038	0.027	0.018	0.018	0.011	0.012

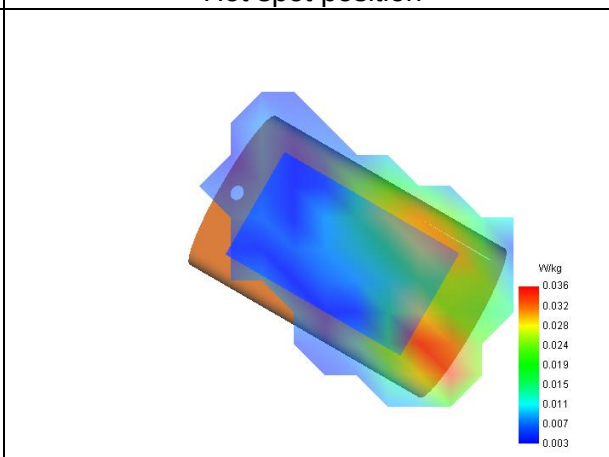


F. 3D Image

3D screen shot



Hot spot position



22# SAR Measurement at LTE band 4 (Cheek, Validation Plane)

Date of measurement: 11/9/2025

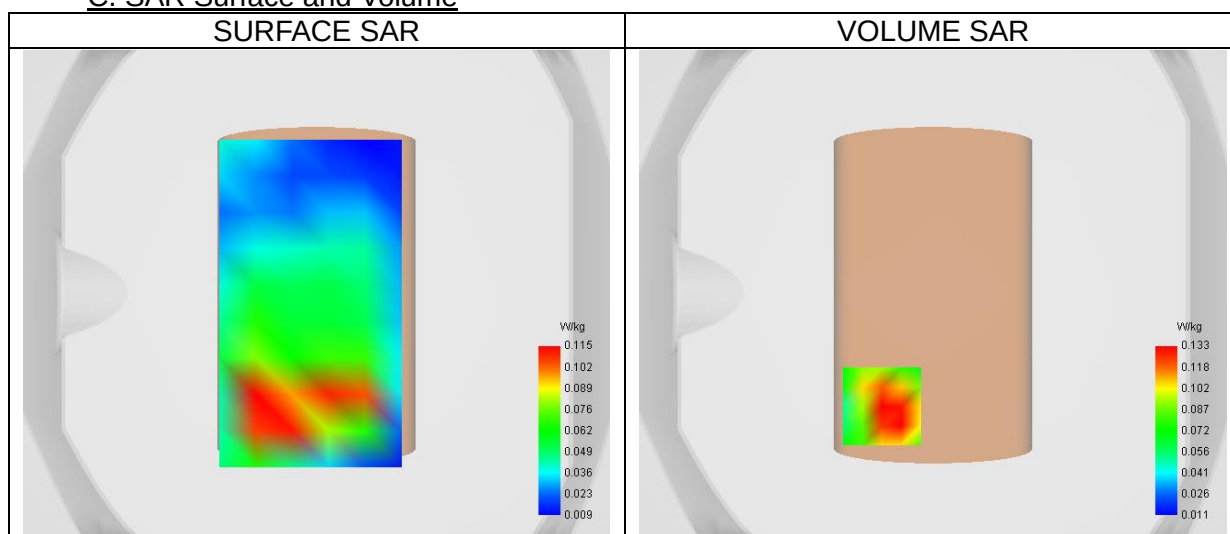
A. Experimental conditions.

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	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)	39.17
Relative permittivity (imaginary part)	13.61
Conductivity (S/m)	1.31

C. SAR Surface and Volume



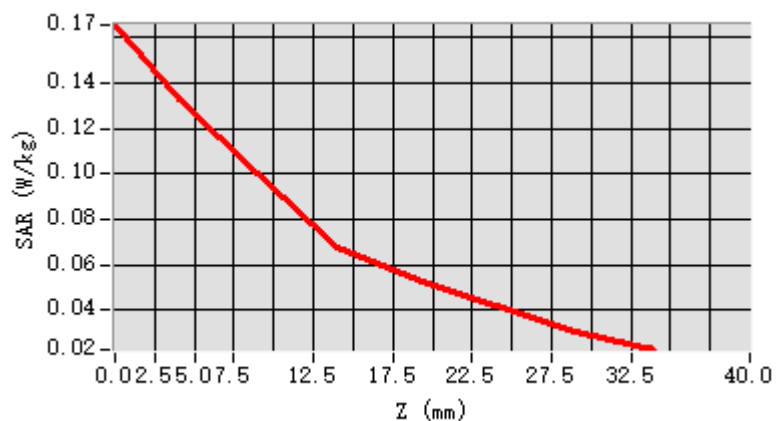
Maximum location: X=-21.00, Y=-47.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

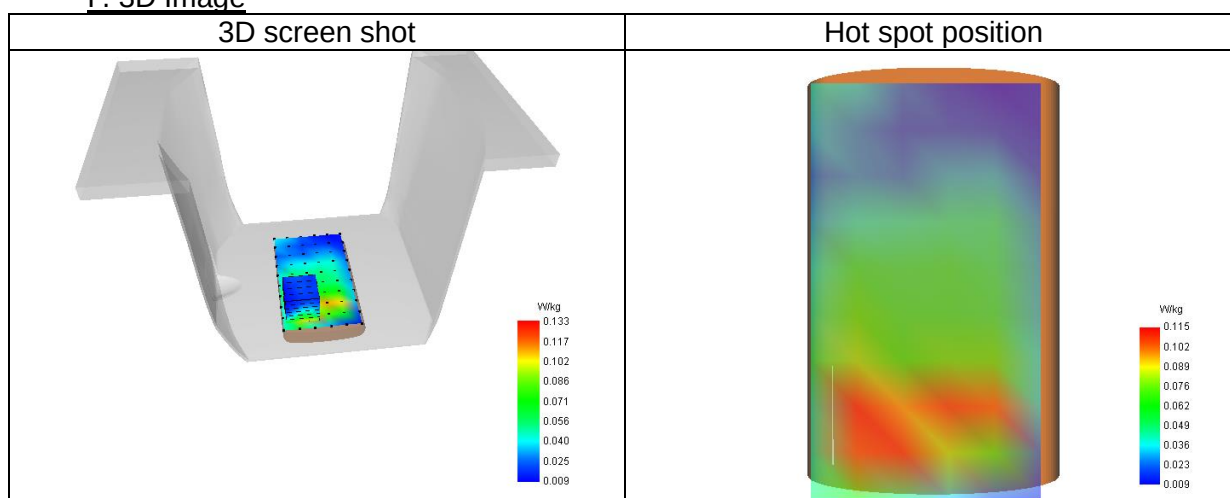
SAR 10g (W/Kg)	0.083
SAR 1g (W/Kg)	0.134
Variation (%)	-0.72
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	75.82

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.166	0.133	0.101	0.068	0.054	0.042	0.031



F. 3D Image



23# SAR Measurement at LTE band 5 (Cheek, Left)

Date of measurement: 10/9/2025

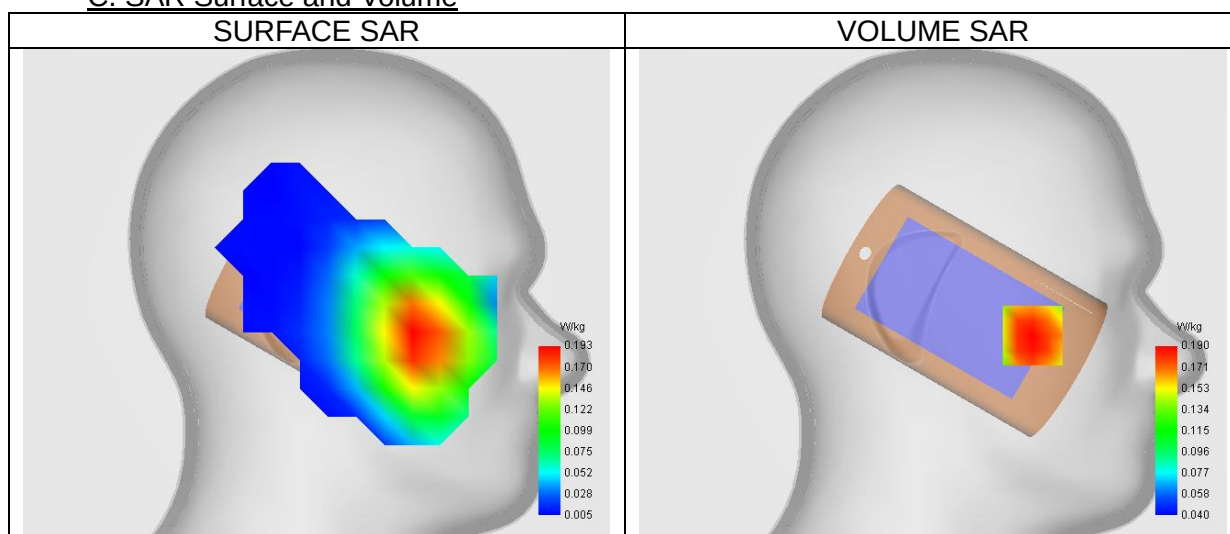
A. Experimental conditions.

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	Left 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)	41.54
Relative permittivity (imaginary part)	19.52
Conductivity (S/m)	0.91

C. SAR Surface and Volume



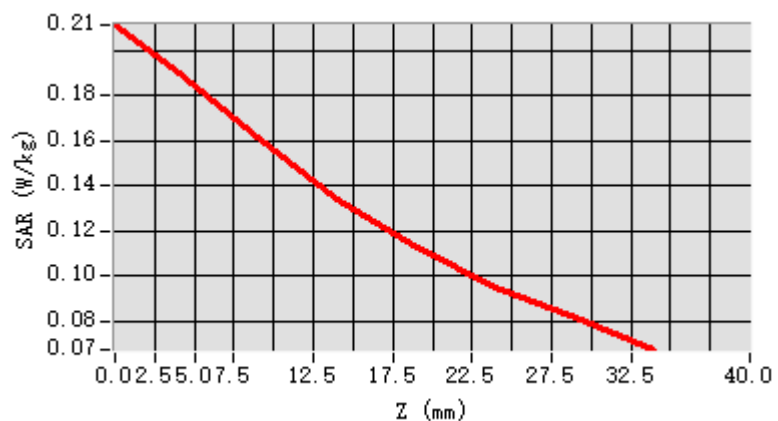
Maximum location: X=-53.00, Y=-23.00 ; SAR Peak: 0.23 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.147
SAR 1g (W/Kg)	0.186
Variation (%)	1.67
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

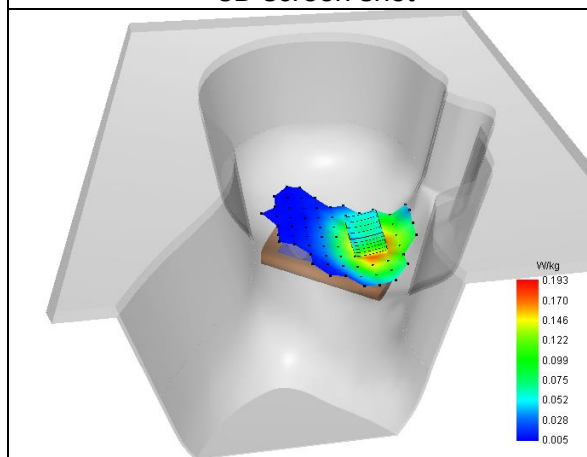
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.211	0.190	0.162	0.134	0.113	0.095	0.082

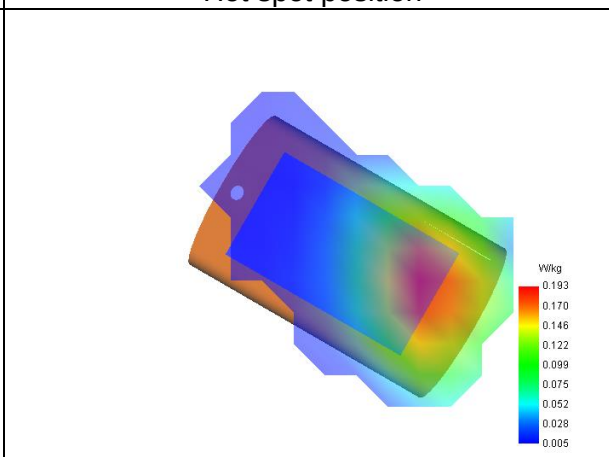


F. 3D Image

3D screen shot



Hot spot position



24# SAR Measurement at LTE band 5 (Cheek, Validation Plane)

Date of measurement: 10/9/2025

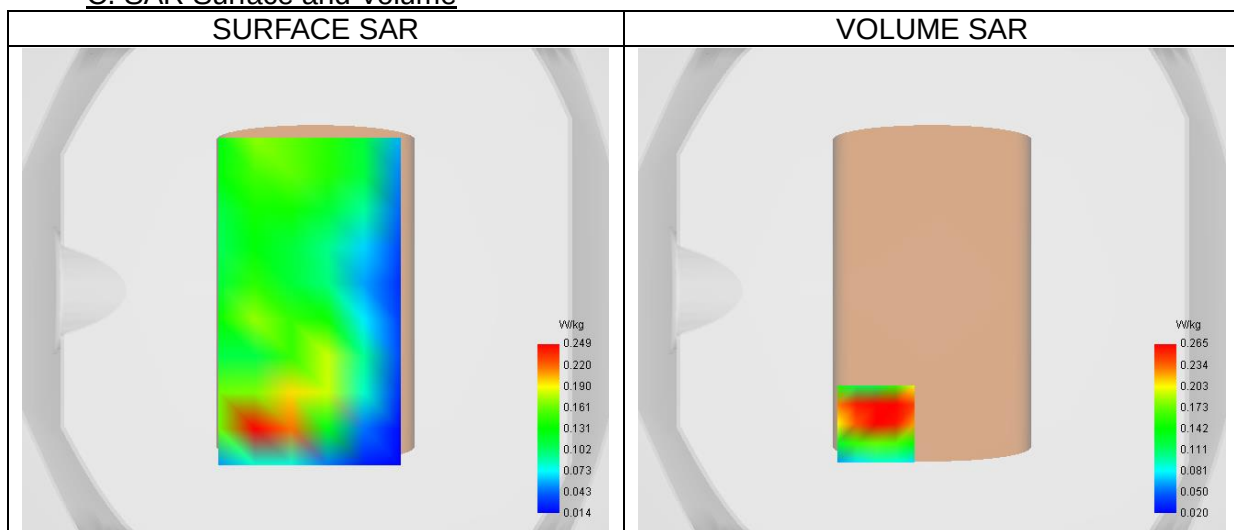
A. Experimental conditions.

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	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)	41.54
Relative permittivity (imaginary part)	19.52
Conductivity (S/m)	0.91

C. SAR Surface and Volume



Maximum location: X=-23.00, Y=-55.00 ; SAR Peak: 0.45 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.158
SAR 1g (W/Kg)	0.274
Variation (%)	1.09
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	66.82

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.382	0.265	0.176	0.119	0.092	0.062	0.042