

Tilt 15 Degree		QPSK(50,0)								
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NOTE: Head SAR test results of LTE Band 38

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)	0.156	0.073	1.52	23.58	24.00	0.172	2025/5/14	
Back Side	38000/2595	20M QPSK(1,0)	0.046	0.021	-2.95	23.58	24.00	0.051	2025/5/14	
50%RB										
Front Side	38000/2595	20M QPSK(50,0)	0.088	0.040	-3.10	22.92	23.50	0.101	2025/5/14	
Back Side	38000/2595	20M QPSK(50,0)	0.028	0.012	-2.06	22.92	23.50	0.032	2025/5/14	

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)	0.156	0.073	1.52	23.58	24.00	0.172	2025/5/14	
Back Side	38000/2595	20M QPSK(1,0)	0.046	0.021	-2.95	23.58	24.00	0.051	2025/5/14	
Left Side	38000/2595	20M QPSK(1,0)	0.024	0.011	3.38	23.58	24.00	0.026	2025/5/14	
Right Side	38000/2595	20M QPSK(1,0)	0.012	0.010	2.92	23.58	24.00	0.013	2025/5/14	
Bottom Side	38000/2595	20M QPSK(1,0)	0.213	0.099	-2.64	23.58	24.00	0.235	2025/5/14	36#
50%RB										
Front	38000/2595	20M	0.088	0.040	-3.10	22.92	23.50	0.101	2025/5/14	

Side		QPSK(50,0)								
Back Side	38000/2595	20M QPSK(50,0)	0.028	0.012	-2.06	22.92	23.50	0.032	2025/5/14	
Left Side	38000/2595	20M QPSK(50,0)	0.013	0.006	-3.96	22.92	23.50	0.015	2025/5/14	
Right Side	38000/2595	20M QPSK(50,0)	0.006	0.005	-1.16	22.92	23.50	0.007	2025/5/14	
Bottom Side	38000/2595	20M QPSK(50,0)	0.115	0.051	3.03	22.92	23.50	0.131	2025/5/14	

NOTE: Hotspot SAR test results of LTE Band 38

Tested by : Jack Peng

10.1.16. SAR measurement Result of LTE Band 41

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						
1RB										
Left Cheek	40620/2593	20M QPSK(1,49)	0.024	0.014	2.85	23.61	24.50	0.029	2025/5/14	37#
Left Tilt 15 Degree	40620/2593	20M QPSK(1,49)	0.013	0.011	2.15	23.61	24.50	0.016	2025/5/14	
Right Cheek	40620/2593	20M QPSK(1,49)	0.021	0.012	3.21	23.61	24.50	0.026	2025/5/14	
Right Tilt 15 Degree	40620/2593	20M QPSK(1,49)	0.010	0.008	-2.09	23.61	24.50	0.012	2025/5/14	
50%RB										
Left Cheek	40620/2593	20M QPSK(50,0)	0.014	0.008	-2.15	22.76	23.50	0.017	2025/5/14	
Left Tilt 15 Degree	40620/2593	20M QPSK(50,0)	0.007	0.006	-0.19	22.76	23.50	0.008	2025/5/14	
Right Cheek	40620/2593	20M QPSK(50,0)	0.011	0.006	4.52	22.76	23.50	0.013	2025/5/14	
Right Tilt 15 Degree	40620/2593	20M QPSK(50,0)	0.005	0.004	2.87	22.76	23.50	0.006	2025/5/14	

NOTE: Head SAR test results of LTE Band 41

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	40620/2593	20M QPSK(1,49)	0.132	0.061	1.42	23.61	24.50	0.162	2025/5/14	
Back Side	40620/2593	20M QPSK(1,49)	0.052	0.024	3.71	23.61	24.50	0.064	2025/5/14	
50%RB										
Front Side	40620/2593	20M QPSK(50,0)	0.072	0.031	0.52	22.76	23.50	0.085	2025/5/14	
Back Side	40620/2593	20M QPSK(50,0)	0.028	0.012	-1.61	22.76	23.50	0.033	2025/5/14	

NOTE: Body-Worn SAR test results of LTE Band 41

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	40620/2593	20M QPSK(1,49)	0.132	0.061	1.42	23.61	24.50	0.162	2025/5/14	
Back Side	40620/2593	20M QPSK(1,49)	0.052	0.024	3.71	23.61	24.50	0.064	2025/5/14	
Left Side	40620/2593	20M QPSK(1,49)	0.025	0.011	-3.42	23.61	24.50	0.031	2025/5/14	
Right Side	40620/2593	20M QPSK(1,49)	0.012	0.010	-1.13	23.61	24.50	0.015	2025/5/14	
Bottom Side	40620/2593	20M QPSK(1,49)	0.212	0.098	-2.45	23.61	24.50	0.260	2025/5/14	38#
50%RB										
Front Side	40620/2593	20M QPSK(50,0)	0.072	0.031	0.52	22.76	23.50	0.085	2025/5/14	
Back Side	40620/2593	20M QPSK(50,0)	0.028	0.012	-1.61	22.76	23.50	0.033	2025/5/14	

Left Side	40620/2593	20M QPSK(50,0)	0.015	0.006	4.40	22.76	23.50	0.018	2025/5/14	
Right Side	40620/2593	20M QPSK(50,0)	0.006	0.006	-0.94	22.76	23.50	0.007	2025/5/14	
Bottom Side	40620/2593	20M QPSK(50,0)	0.117	0.052	1.08	22.76	23.50	0.139	2025/5/14	

NOTE: Hotspot SAR test results of LTE Band 41

Tested by : Jack Peng

10.1.17. SAR measurement Result of LTE Band 66

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						
1RB										
Left Cheek	132322/1745	20M QPSK(1,99)	0.147	0.093	-0.08	23.26	23.50	0.155	2025/5/11	39#
Left Tilt 15 Degree	132322/1745	20M QPSK(1,99)	0.081	0.051	0.22	23.26	23.50	0.086	2025/5/11	
Right Cheek	132322/1745	20M QPSK(1,99)	0.139	0.084	0.43	23.26	23.50	0.147	2025/5/11	
Right Tilt 15 Degree	132322/1745	20M QPSK(1,99)	0.074	0.046	1.03	23.26	23.50	0.078	2025/5/11	
50%RB										
Left Cheek	132322/1745	20M QPSK(50,49)	0.082	0.051	-1.41	22.58	23.00	0.090	2025/5/11	
Left Tilt 15 Degree	132322/1745	20M QPSK(50,49)	0.041	0.028	-3.03	22.58	23.00	0.045	2025/5/11	
Right Cheek	132322/1745	20M QPSK(50,49)	0.072	0.048	-3.41	22.58	23.00	0.079	2025/5/11	
Right Tilt 15 Degree	132322/1745	20M QPSK(50,49)	0.041	0.027	-1.66	22.58	23.00	0.045	2025/5/11	

NOTE: Head SAR test results of LTE Band 66

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	132322/1745	20M QPSK(1,99)	0.150	0.080	1.32	23.26	23.50	0.159	2025/5/11	
Back Side	132322/1745	20M QPSK(1,99)	0.126	0.069	1.59	23.26	23.50	0.133	2025/5/11	
50%RB										
Front Side	132322/1745	20M QPSK(50,49)	0.077	0.048	4.97	22.58	23.00	0.085	2025/5/11	
Back Side	132322/1745	20M QPSK(50,49)	0.075	0.039	1.91	22.58	23.00	0.083	2025/5/11	

NOTE: Body-Worn SAR test results of LTE Band 66

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	132322/1745	20M QPSK(1,99)	0.150	0.080	1.32	23.26	23.50	0.159	2025/5/11	
Back Side	132322/1745	20M QPSK(1,99)	0.126	0.069	1.59	23.26	23.50	0.133	2025/5/11	
Left Side	132322/1745	20M QPSK(1,99)	0.120	0.065	2.84	23.26	23.50	0.127	2025/5/11	
Right Side	132322/1745	20M QPSK(1,99)	0.038	0.021	-3.60	23.26	23.50	0.040	2025/5/11	
Bottom Side	132322/1745	20M QPSK(1,99)	0.209	0.115	-0.50	23.26	23.50	0.221	2025/5/11	40#
50%RB										
Front Side	132322/1745	20M QPSK(50,49)	0.077	0.048	4.97	22.58	23.00	0.085	2025/5/11	
Back Side	132322/1745	20M QPSK(50,49)	0.075	0.039	1.91	22.58	23.00	0.083	2025/5/11	
Left Side	132322/1745	20M	0.068	0.036	1.49	22.58	23.00	0.075	2025/5/11	

		QPSK(50,49)								
Right Side	132322/1745	20M QPSK(50,49)	0.023	0.011	-0.57	22.58	23.00	0.025	2025/5/11	
Bottom Side	132322/1745	20M QPSK(50,49)	0.125	0.061	-3.46	22.58	23.00	0.138	2025/5/11	

NOTE: Hotspot SAR test results of LTE Band 66

Tested by : Jack Peng

10.1.18. 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	6/2437	802.11b	0.618	0.293	-1.25	14.89	15.00	0.634	2025/5/16	15#
Left Tilt 15 Degree	6/2437	802.11b	0.345	0.157	0.17	14.89	15.00	0.354	2025/5/16	
Right Cheek	6/2437	802.11b	0.566	0.266	-0.84	14.89	15.00	0.581	2025/5/16	
Right Tilt 15 Degree	6/2437	802.11b	0.281	0.128	2.08	14.89	15.00	0.288	2025/5/16	

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	0.120	0.060	-0.26	14.89	15.00	0.123	2025/5/16	16#
Back Side	6/2437	802.11b	0.105	0.050	1.47	14.89	15.00	0.108	2025/5/16	

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

[illegible]

Front Side	6/2437	802.11b	0.120	0.060	-0.26	14.89	15.00	0.123	2025/5/16	16#
Back Side	6/2437	802.11b	0.105	0.050	1.47	14.89	15.00	0.108	2025/5/16	
Right Side	6/2437	802.11b	0.085	0.044	0.06	14.89	15.00	0.087	2025/5/16	
Top Side	6/2437	802.11b	0.080	0.039	3.53	14.89	15.00	0.082	2025/5/16	

NOTE: Hotspot SAR test results of WLAN2.4G

Tested by : Max Zhou

10.1.19. SAR measurement Result of WLAN5.2G

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	40/5200	802.11a	0.307	0.100	1.62	9.76	10.50	0.364	2025/5/06	11#
Left Tilt 15 Degree	40/5200	802.11a	0.167	0.052	3.76	9.76	10.50	0.198	2025/5/06	
Right Cheek	40/5200	802.11a	0.278	0.086	0.81	9.76	10.50	0.330	2025/5/06	
Right Tilt 15 Degree	40/5200	802.11a	0.128	0.041	0.26	9.76	10.50	0.152	2025/5/06	

NOTE: Head SAR test results of WLAN5.2G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	40/5200	802.11a	0.035	0.016	-3.73	9.76	10.50	0.042	2025/5/06	
Back Side	40/5200	802.11a	0.056	0.025	1.16	9.76	10.50	0.066	2025/5/06	

NOTE: Body-worn SAR test results of WLAN5.2G

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

with 10mm										
Front Side	40/5200	802.11a	0.035	0.016	-3.73	9.76	10.50	0.042	2025/5/06	
Back Side	40/5200	802.11a	0.056	0.025	1.16	9.76	10.50	0.066	2025/5/06	
Right Side	40/5200	802.11a	0.095	0.043	-2.37	9.76	10.50	0.113	2025/5/06	12#
Top Side	40/5200	802.11a	0.035	0.015	-1.10	9.76	10.50	0.042	2025/5/06	

NOTE: Hotspot SAR test results of WLAN5.2G

Tested by : Max Zhou

10.1.20. SAR measurement Result of WLAN5.8G

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	149/5745	802.11n HT20	0.314	0.098	4.37	9.89	10.50	0.361	2025/5/15	13#
Left Tilt 15 Degree	149/5745	802.11n HT20	0.169	0.051	3.84	9.89	10.50	0.194	2025/5/15	
Right Cheek	149/5745	802.11n HT20	0.274	0.081	0.72	9.89	10.50	0.315	2025/5/15	
Right Tilt 15 Degree	149/5745	802.11n HT20	0.150	0.047	3.05	9.89	10.50	0.173	2025/5/15	

NOTE: Head SAR test results of WLAN5.8G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	149/5745	802.11n HT20	0.048	0.020	-2.00	9.89	10.50	0.055	2025/5/15	
Back Side	149/5745	802.11n HT20	0.072	0.029	0.38	9.89	10.50	0.083	2025/5/15	

NOTE: Body-worn SAR test results of WLAN5.8G

Test Position of Hotspot with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	149/5745	802.11n HT20	0.048	0.020	-2.00	9.89	10.50	0.055	2025/5/15	
Back Side	149/5745	802.11n HT20	0.072	0.029	0.38	9.89	10.50	0.083	2025/5/15	
Right Side	149/5745	802.11n HT20	0.168	0.070	-3.44	9.89	10.50	0.193	2025/5/15	14#
Top Side	149/5745	802.11n HT20	0.074	0.030	3.13	9.89	10.50	0.085	2025/5/15	

NOTE: Hotspot SAR test results of WLAN5.8G

Tested by : Max Zhou

10.2. Simultaneous Transmission Analysis

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

- Scalar SAR summation < 1.6W/kg.
- $SPLSR = (SAR_1 + SAR_2)^{1.5} / (\text{min. separation distance, mm})$, 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 $SPLSR \leq 0.04$, 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	0.458	0.634	1.092	N/A	N/A
	Left Tilt 15 Degree	0.258	0.354	0.612	N/A	N/A
	Right Cheek	0.433	0.581	1.014	N/A	N/A
	Right Tilt 15 Degree	0.201	0.288	0.489	N/A	N/A
Body-Worn	Front Side	0.397	0.123	0.520	N/A	N/A
	Back Side	0.453	0.108	0.561	N/A	N/A

Hotspot	Front Side	0.397	0.123	0.520	N/A	N/A
	Back Side	0.453	0.108	0.561	N/A	N/A
	Left Side	0.223	N/A	0.223	N/A	N/A
	Right Side	0.255	0.087	0.342	N/A	N/A
	Top Side	N/A	0.082	0.082	N/A	N/A
	Bottom Side	0.406	N/A	0.406	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.458	0.364	0.822	N/A	N/A
	Left Tilt 15 Degree	0.258	0.198	0.456	N/A	N/A
	Right Cheek	0.433	0.330	0.763	N/A	N/A
	Right Tilt 15 Degree	0.201	0.173	0.374	N/A	N/A
Body-Worn	Front Side	0.397	0.055	0.452	N/A	N/A
	Back Side	0.453	0.083	0.536	N/A	N/A
Hotspot	Front Side	0.397	0.055	0.452	N/A	N/A
	Back Side	0.453	0.083	0.536	N/A	N/A
	Left Side	0.223	N/A	0.223	N/A	N/A
	Right Side	0.255	0.193	0.448	N/A	N/A
	Top Side	N/A	0.085	0.085	N/A	N/A
	Bottom Side	0.406	N/A	0.406	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.458	0.067	0.525	N/A	N/A
	Left Tilt 15 Degree	0.258	0.067	0.325	N/A	N/A
	Right Cheek	0.433	0.067	0.500	N/A	N/A

	Right Tilt 15 Degree	0.201	0.067	0.268	N/A	N/A
Body-Worn	Front Side	0.397	0.033	0.430	N/A	N/A
	Back Side	0.453	0.033	0.486	N/A	N/A
Hotspot	Front Side	0.397	0.033	0.430	N/A	N/A
	Back Side	0.453	0.033	0.486	N/A	N/A
	Left Side	0.223	N/A	0.223	N/A	N/A
	Right Side	0.255	0.033	0.288	N/A	N/A
	Top Side	N/A	0.033	0.033	N/A	N/A
	Bottom Side	0.406	N/A	0.406	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 - 750MHz
MEASUREMENT 2 System Performance Check - 835MHz
MEASUREMENT 3 System Performance Check - 1800MHz
MEASUREMENT 4 System Performance Check - 1900MHz
MEASUREMENT 5 System Performance Check - 2450MHz
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: 9/5/2025

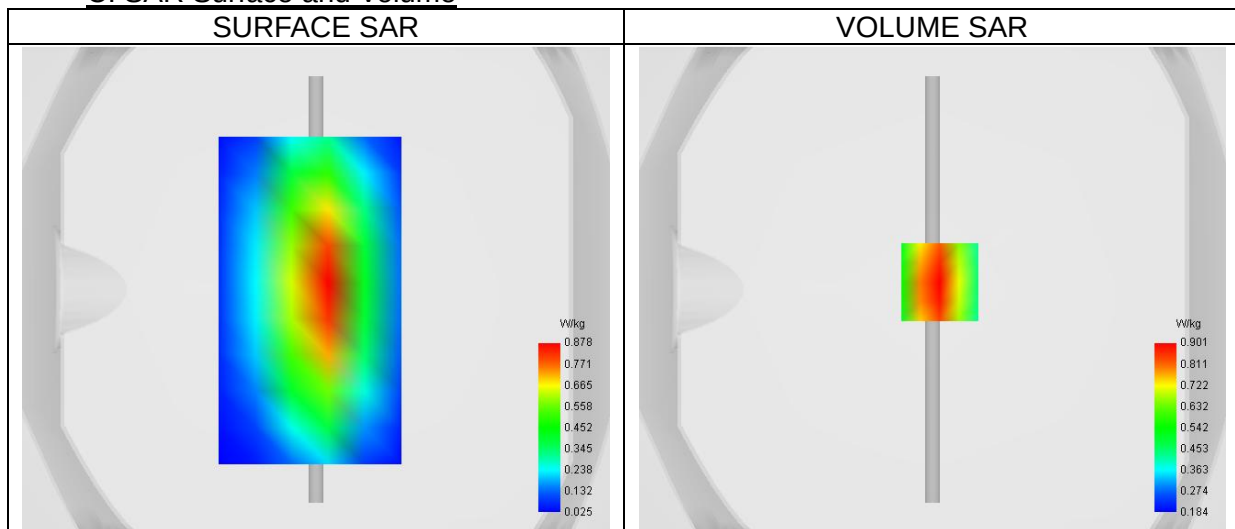
A. Experimental conditions.

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
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	750.000
Relative permittivity (real part)	40.90
Relative permittivity (imaginary part)	21.38
Conductivity (S/m)	0.89

C. SAR Surface and Volume



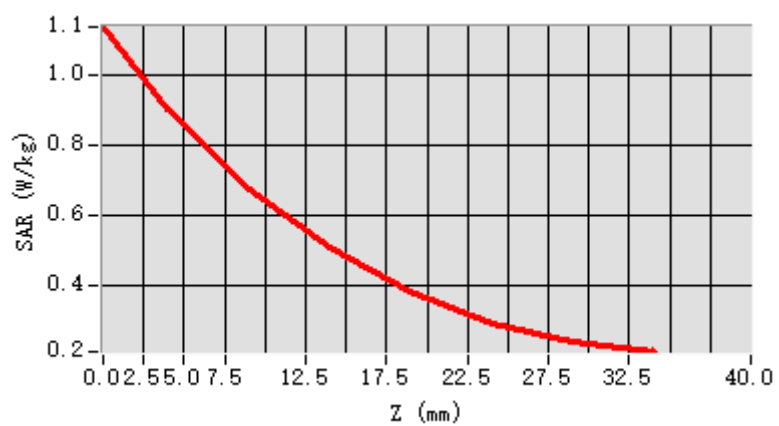
Maximum location: X=3.00, Y=3.00 ; SAR Peak: 1.14 W/kg

D. SAR 1g & 10g

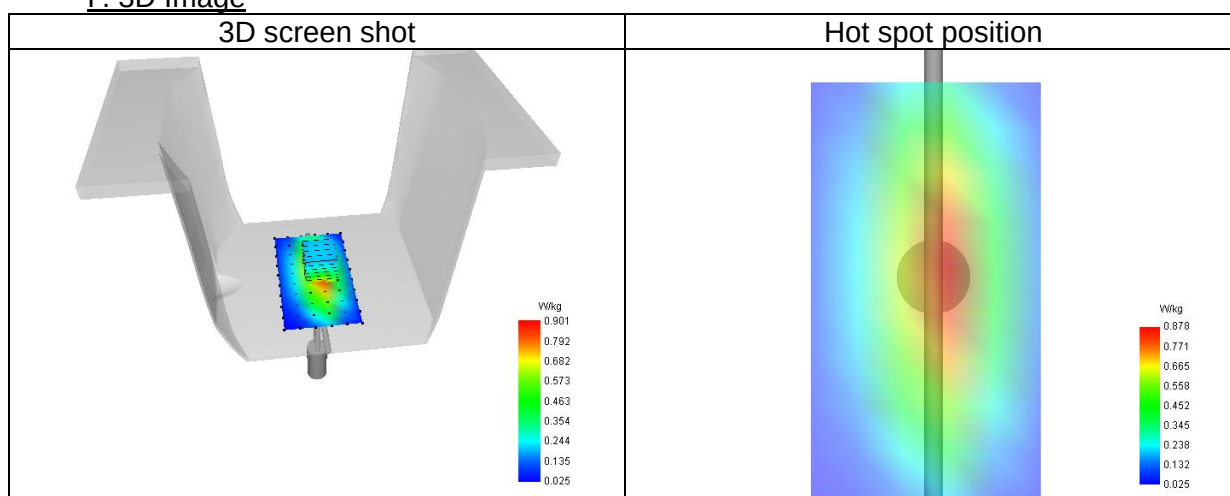
SAR 10g (W/Kg)	0.605
SAR 1g (W/Kg)	0.871
Variation (%)	-0.21
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	74.74

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.135	0.901	0.674	0.512	0.386	0.295	0.243



F. 3D Image



2# System check at 835 MHz

Date of measurement: 17/5/2025

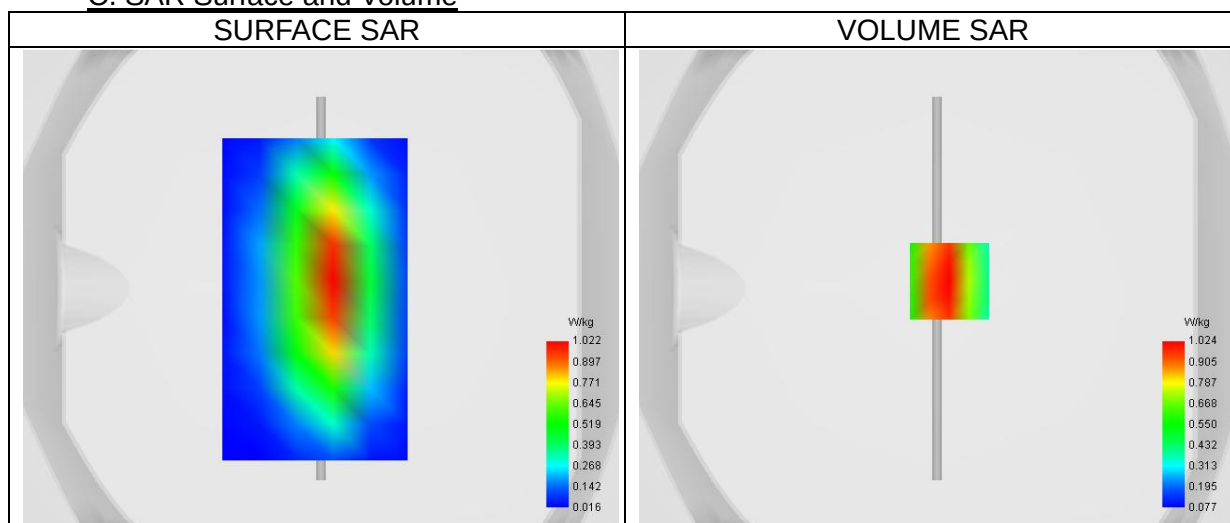
A. Experimental conditions.

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)	42.39
Relative permittivity (imaginary part)	20.04
Conductivity (S/m)	0.93

C. SAR Surface and Volume



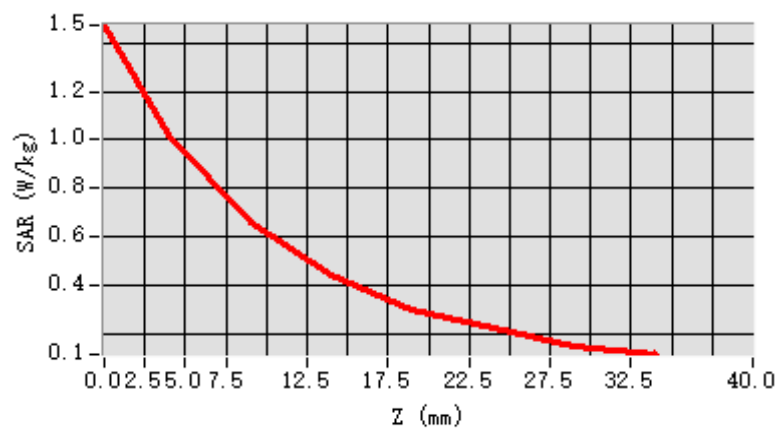
Maximum location: X=5.00, Y=3.00 ; SAR Peak: 1.50 W/kg

D. SAR 1g & 10g

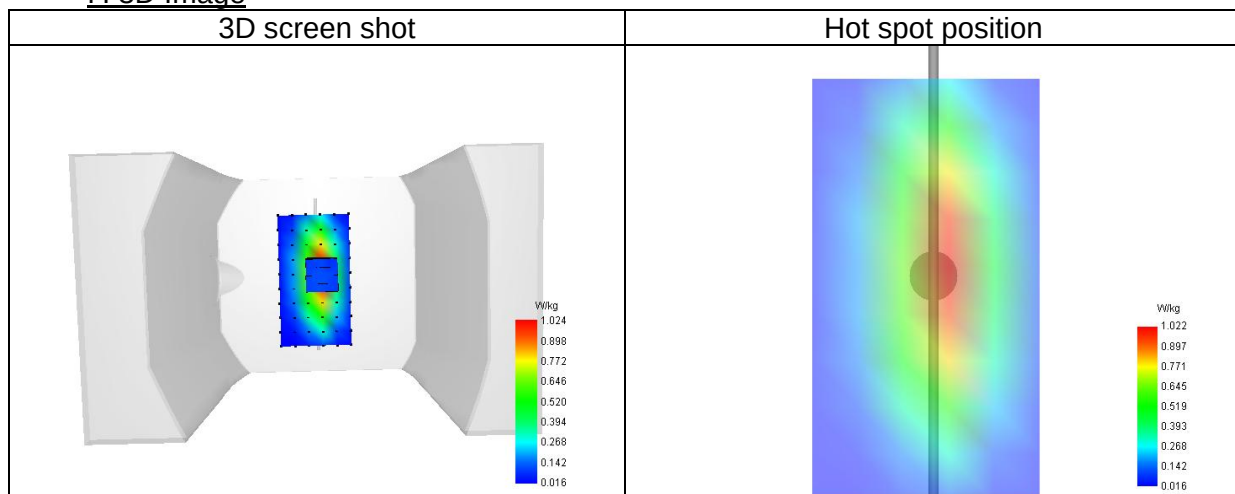
SAR 10g (W/Kg)	0.604
SAR 1g (W/Kg)	0.989
Variation (%)	0.07
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	64.47

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.471	1.024	0.660	0.446	0.302	0.224	0.151



F. 3D Image



3# System check at 1800 MHz
Date of measurement: 11/5/2025

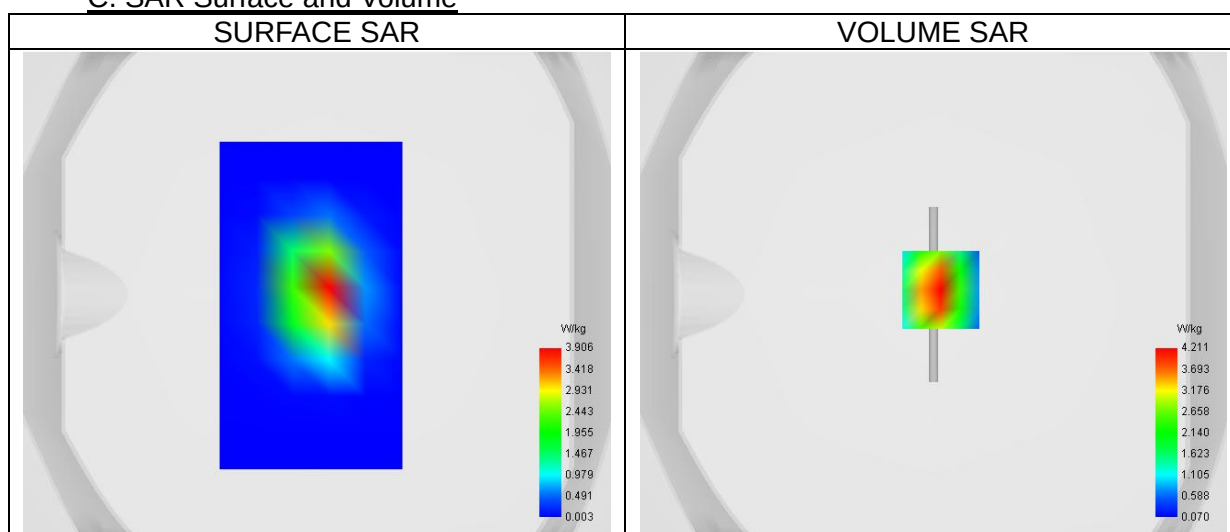
A. Experimental conditions.

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)	38.73
Relative permittivity (imaginary part)	13.68
Conductivity (S/m)	1.37

C. SAR Surface and Volume



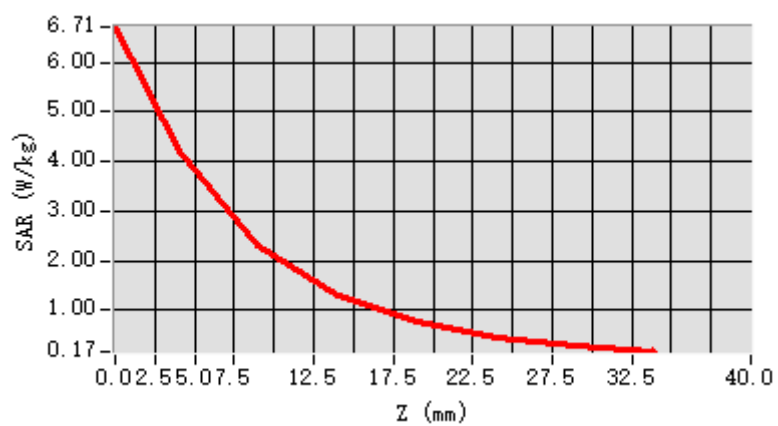
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 6.80 W/kg

D. SAR 1g & 10g

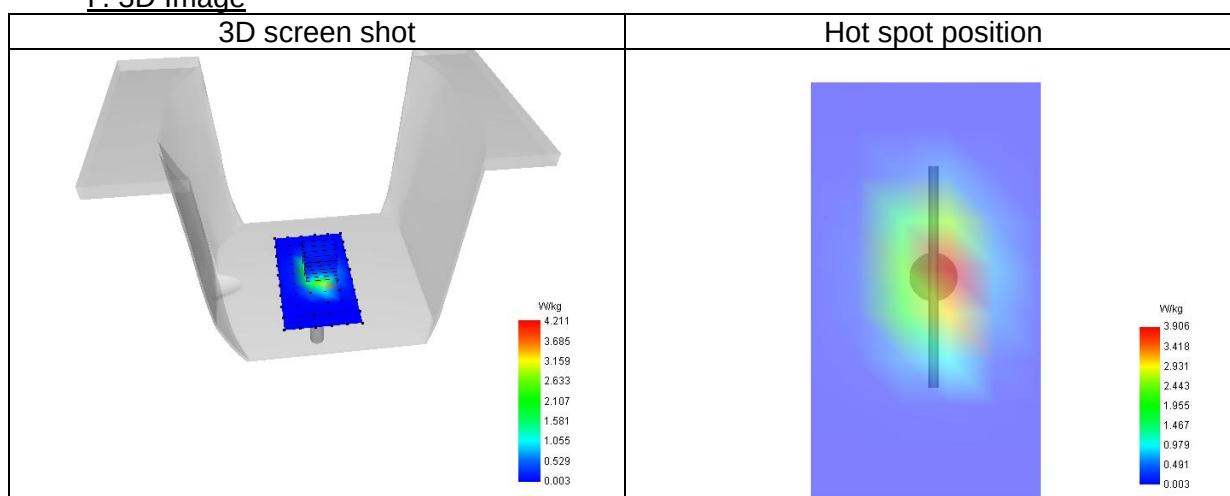
SAR 10g (W/Kg)	2.019
SAR 1g (W/Kg)	4.000
Variation (%)	-0.23
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	54.71

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.709	4.211	2.304	1.318	0.773	0.461	0.278



F. 3D Image



4# System check at 1900 MHz

Date of measurement: 10/5/2025

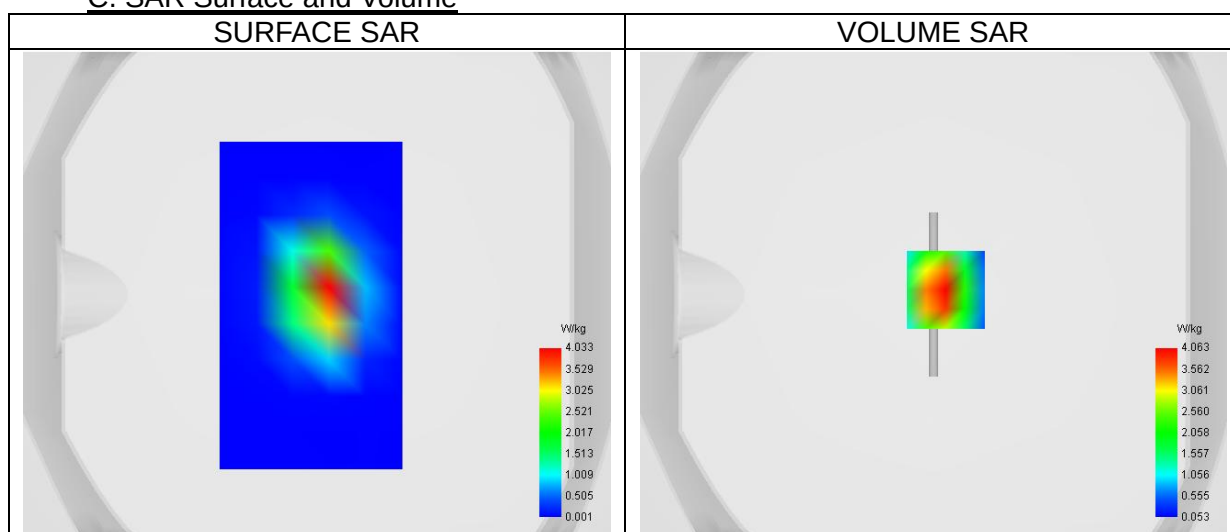
A. Experimental conditions.

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)	38.43
Relative permittivity (imaginary part)	13.72
Conductivity (S/m)	1.45

C. SAR Surface and Volume



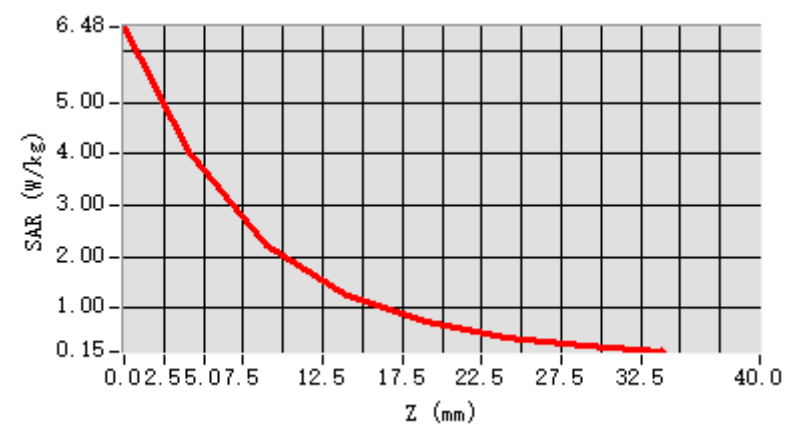
Maximum location: X=5.00, Y=2.00 ; SAR Peak: 6.66 W/kg

D. SAR 1g & 10g

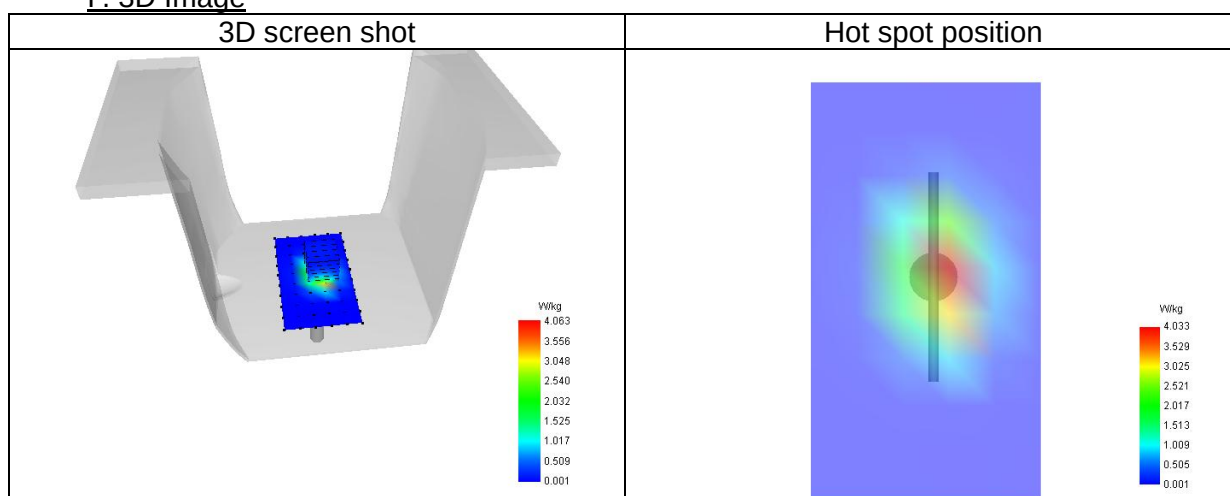
SAR 10g (W/Kg)	1.971
SAR 1g (W/Kg)	4.004
Variation (%)	-0.05
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	54.35

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.483	4.063	2.208	1.254	0.720	0.424	0.252



F. 3D Image



5# System check at 2450 MHz

Date of measurement: 16/5/2025

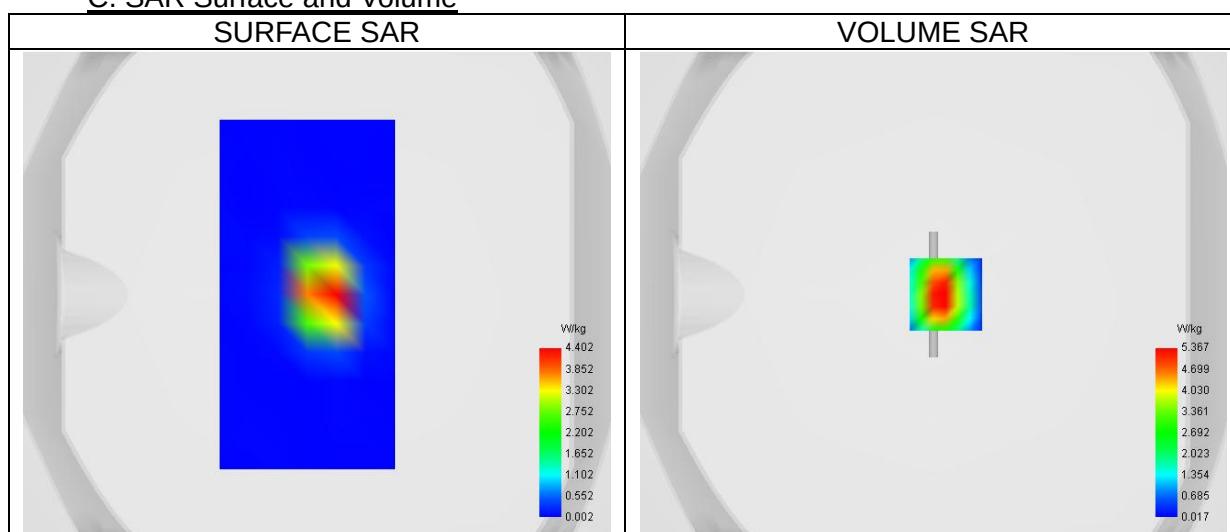
A. Experimental conditions.

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)	38.13
Relative permittivity (imaginary part)	13.21
Conductivity (S/m)	1.80

C. SAR Surface and Volume



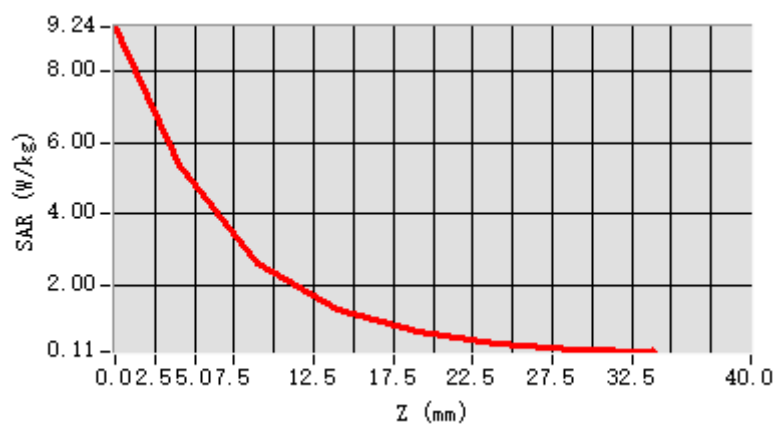
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 9.57 W/kg

D. SAR 1g & 10g

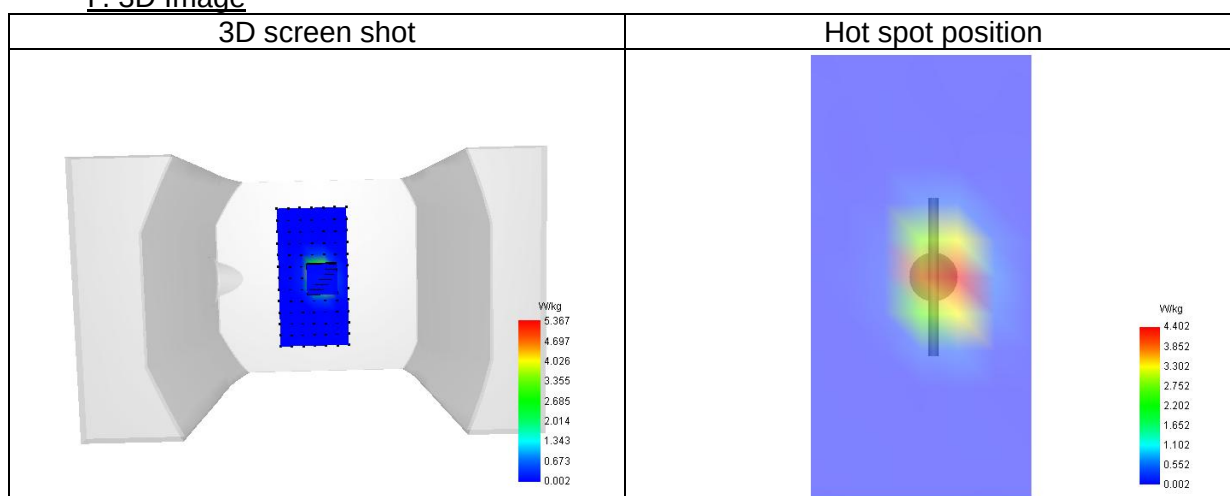
SAR 10g (W/Kg)	2.199
SAR 1g (W/Kg)	5.111
Variation (%)	-2.07
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	48.05

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.244	5.367	2.579	1.298	0.686	0.359	0.194



F. 3D Image



6# System check at 2600 MHz
Date of measurement: 14/5/2025

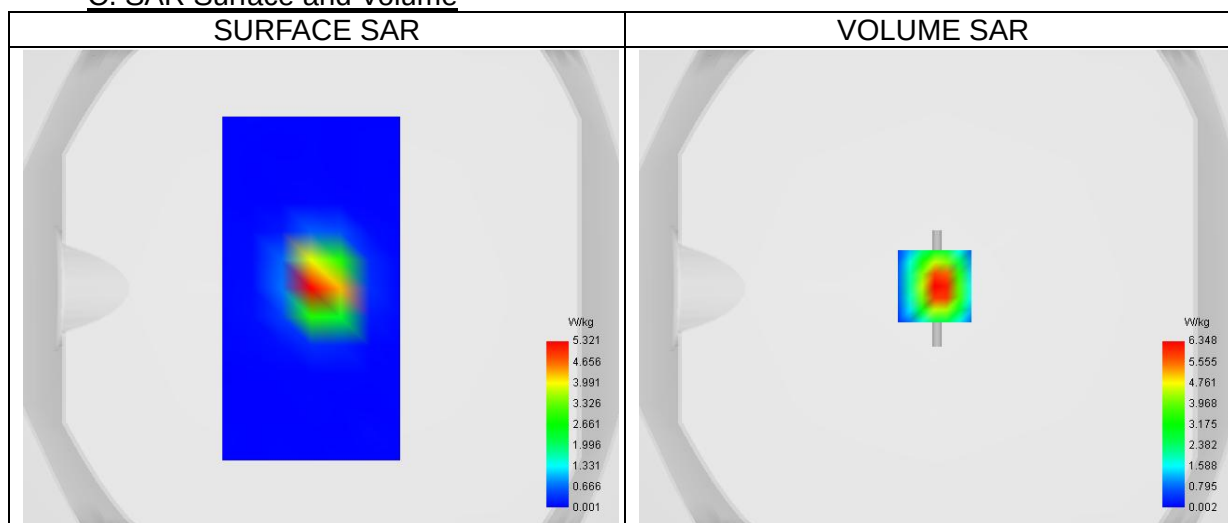
A. Experimental conditions.

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)	39.33
Relative permittivity (imaginary part)	13.42
Conductivity (S/m)	1.94

C. SAR Surface and Volume



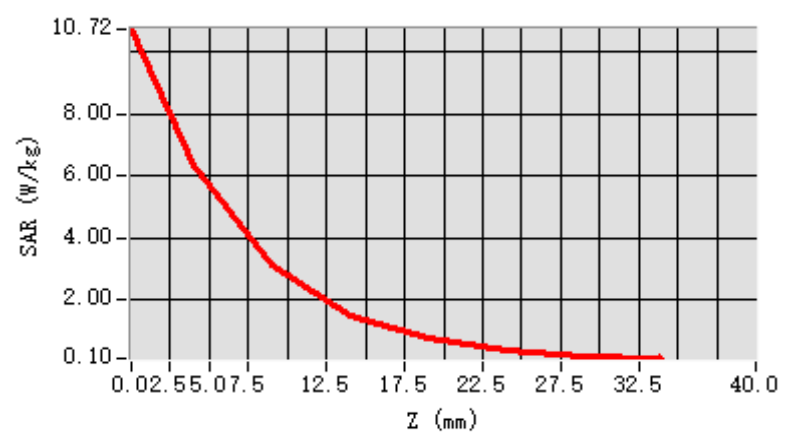
Maximum location: X=-1.00, Y=1.00 ; SAR Peak: 10.99 W/kg

D. SAR 1g & 10g

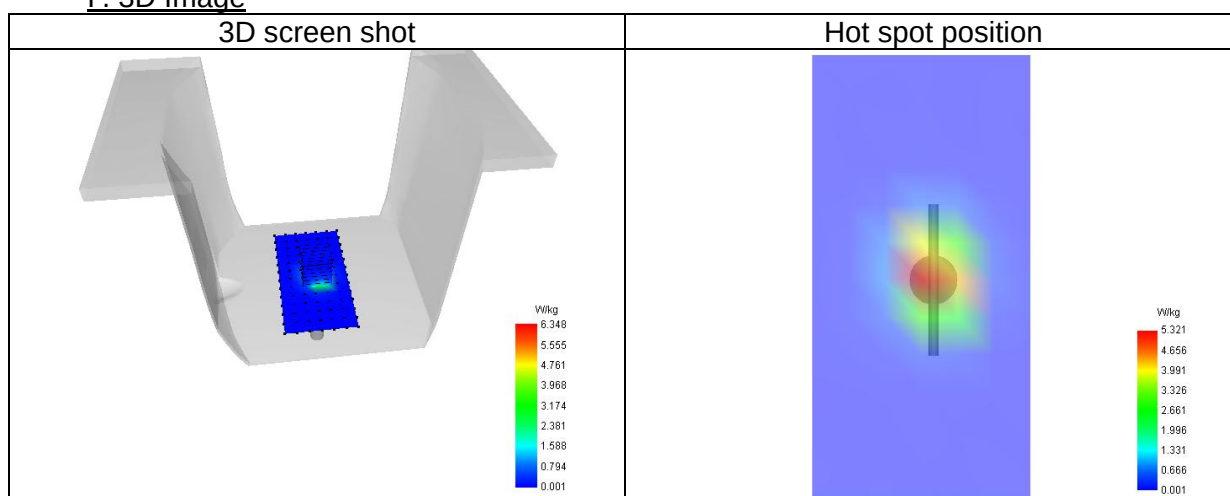
SAR 10g (W/Kg)	2.494
SAR 1g (W/Kg)	5.903
Variation (%)	0.06
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	49.17

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.725	6.348	3.121	1.504	0.768	0.377	0.186



F. 3D Image



7# System check at 5200 MHz

Date of measurement: 6/5/2025

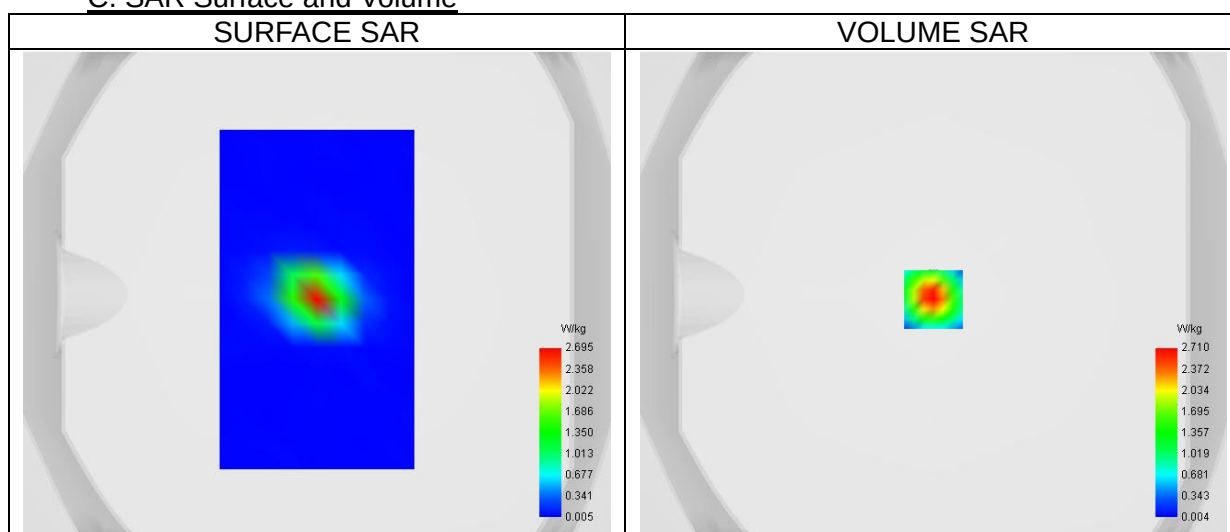
A. Experimental conditions.

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	CW5200
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5200.00
Relative permittivity (real part)	37.41
Relative permittivity (imaginary part)	15.83
Conductivity (S/m)	4.57

C. SAR Surface and Volume



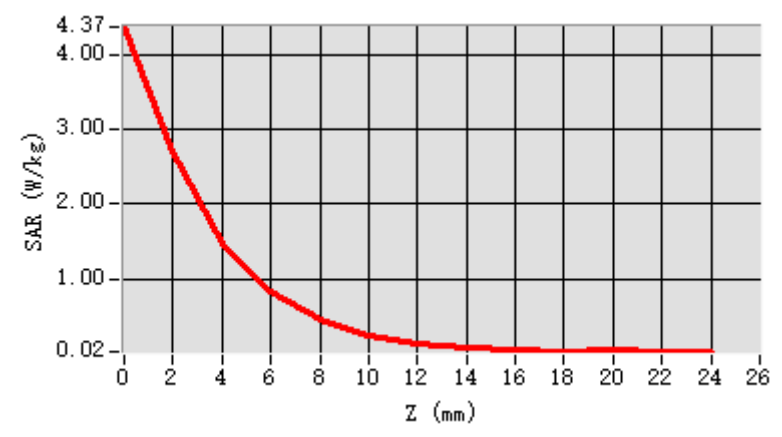
Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 4.68 W/kg

D. SAR 1g & 10g

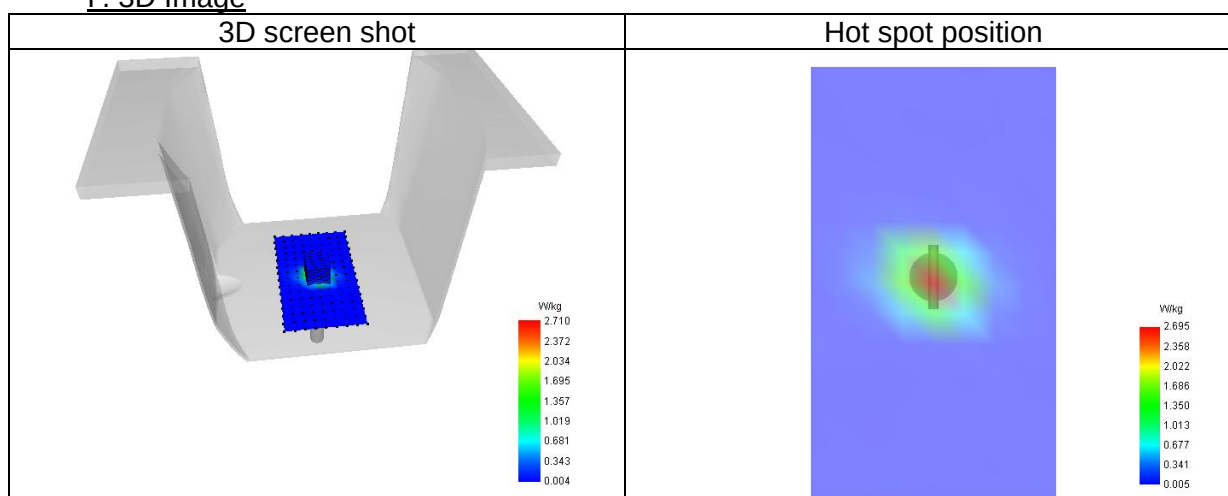
SAR 10g (W/Kg)	0.538
SAR 1g (W/Kg)	1.584
Variation (%)	0.42
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	54.80

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)	4.37 4	2.71 0	1.48 5	0.84 2	0.46 5	0.24 7	0.14 1	0.07 4	0.04 8	0.02 4	0.04 3	0.03 0



F. 3D Image



8# System check at 5800 MHz
Date of measurement: 15/5/2025

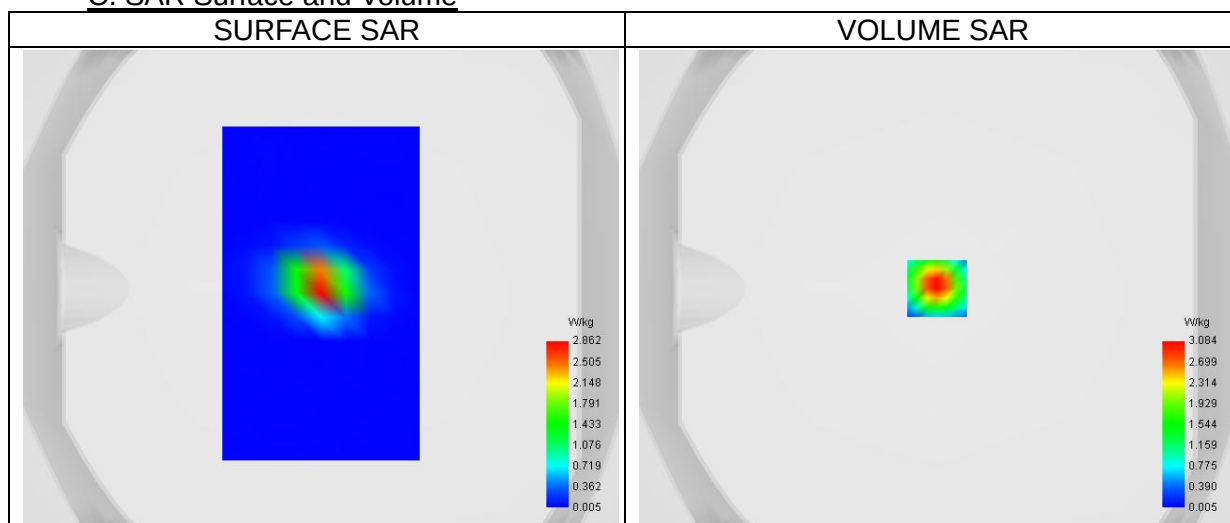
A. Experimental conditions.

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	Dipole
Band	CW5800
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5800.00
Relative permittivity (real part)	35.93
Relative permittivity (imaginary part)	15.84
Conductivity (S/m)	5.11

C. SAR Surface and Volume



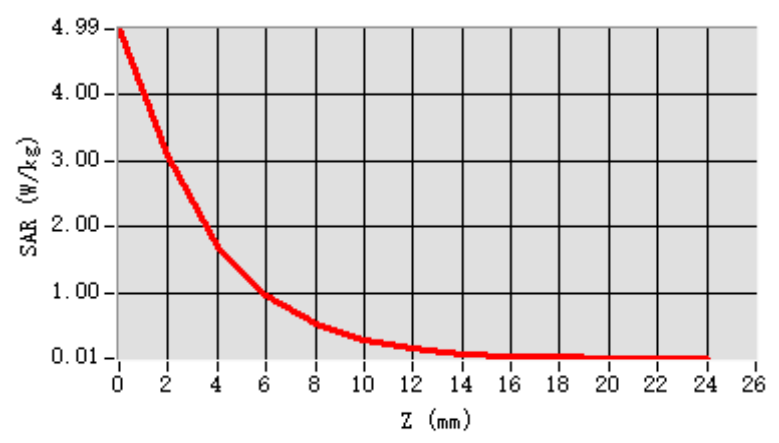
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 5.35 W/kg

D. SAR 1g & 10g

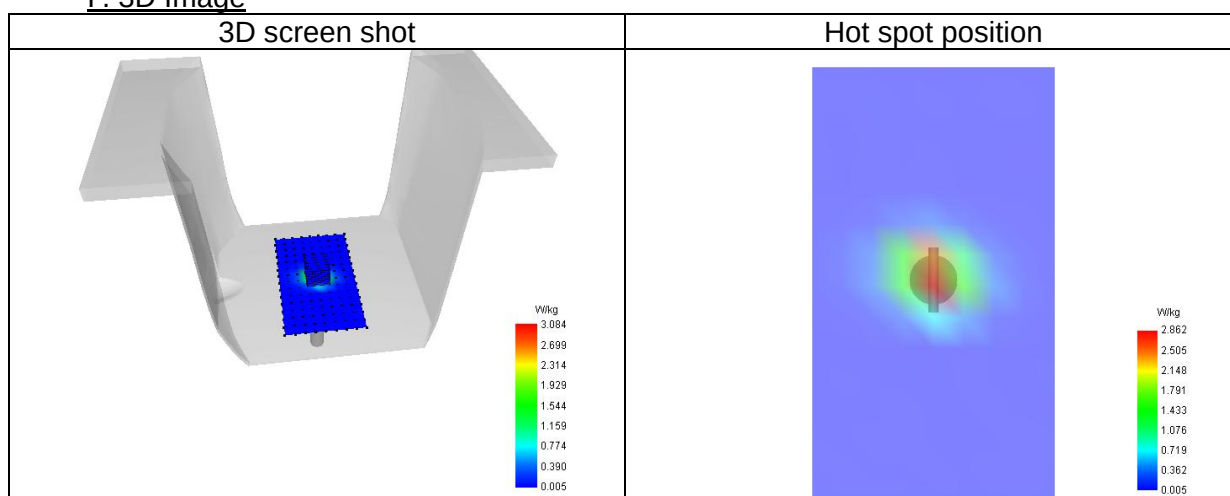
SAR 10g (W/Kg)	0.605
SAR 1g (W/Kg)	1.812
Variation (%)	-1.85
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	54.81

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)	4.98	3.08	1.69	0.95	0.52	0.28	0.15	0.06	0.03	0.02	0.00	0.01
	7	4	0	9	4	3	6	7	7	5	7	2



F. 3D Image



13. Appendix C. Plots of High SAR Measurement

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MEASUREMENT 40 LTE Band 66 Body

1# SAR Measurement at GPRS850 (Cheek, Right)

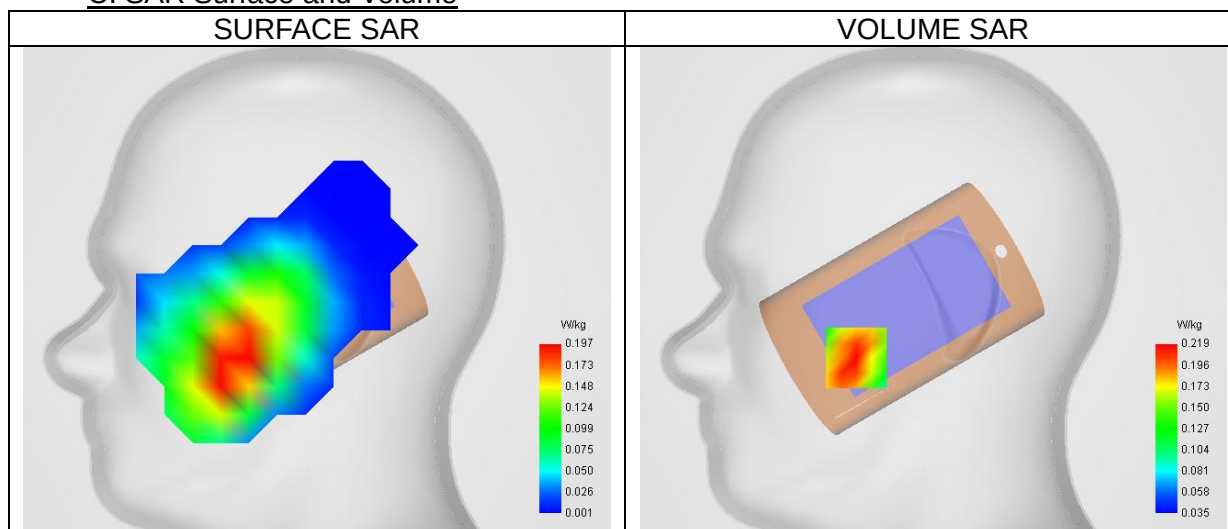
Date of measurement: 17/5/2025

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)	42.31
Relative permittivity (imaginary part)	20.06
Conductivity (S/m)	0.93

C. SAR Surface and Volume

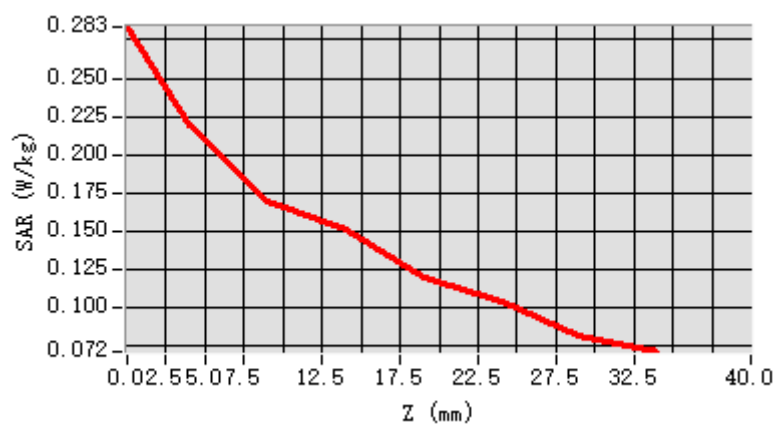
Maximum location: X=-41.00, Y=-36.00 ; SAR Peak: 0.28 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.160
SAR 1g (W/Kg)	0.214
Variation (%)	-1.93
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	77.36

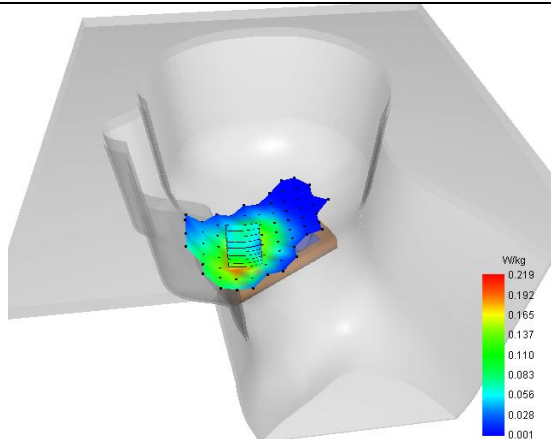
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.283	0.219	0.169	0.151	0.120	0.104	0.082

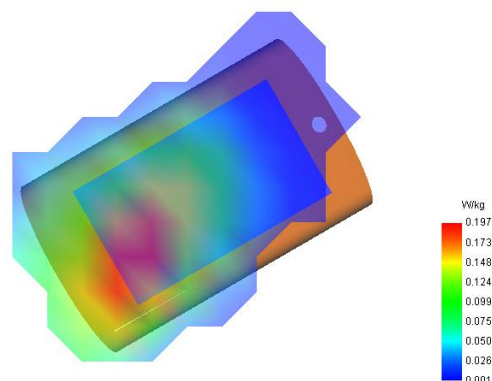


F. 3D Image

3D screen shot



Hot spot position



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

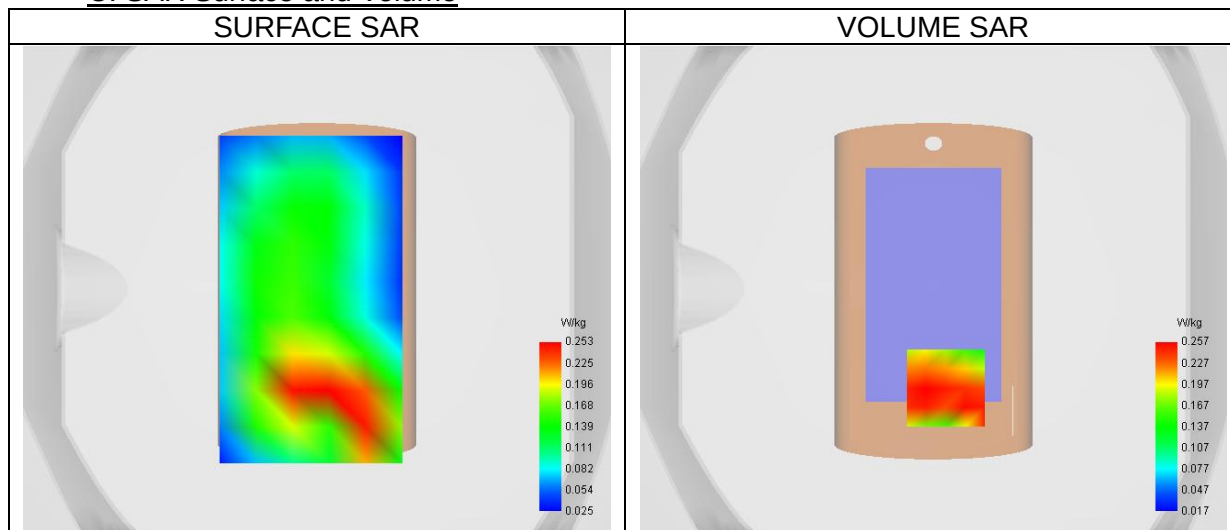
Date of measurement: 17/5/2025

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)	42.31
Relative permittivity (imaginary part)	20.06
Conductivity (S/m)	0.93

C. SAR Surface and Volume

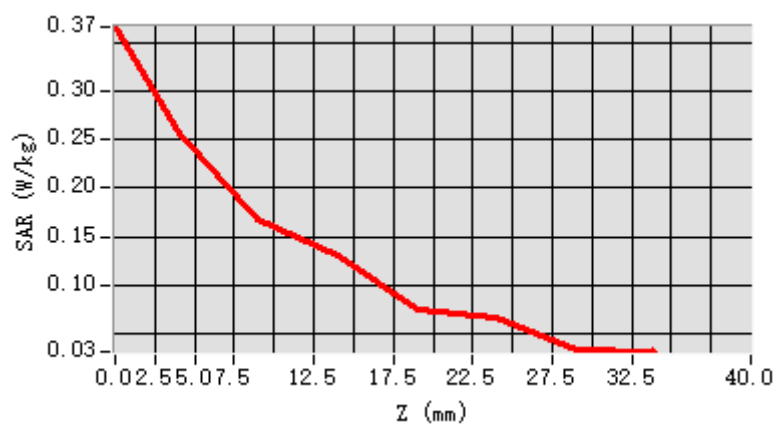
Maximum location: X=5.00, Y=-41.00 ; SAR Peak: 0.38 W/kg

D. SAR 1g & 10g

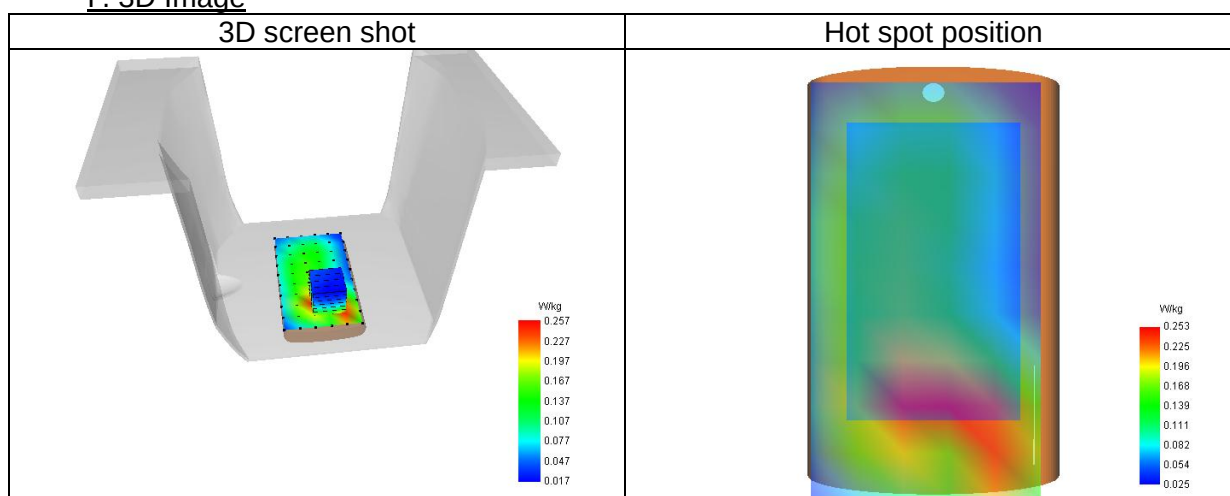
SAR 10g (W/Kg)	0.143
SAR 1g (W/Kg)	0.257
Variation (%)	-2.01
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.366	0.257	0.168	0.132	0.075	0.068	0.035



F. 3D Image



3# SAR Measurement at GPRS1900 (Cheek, Right)

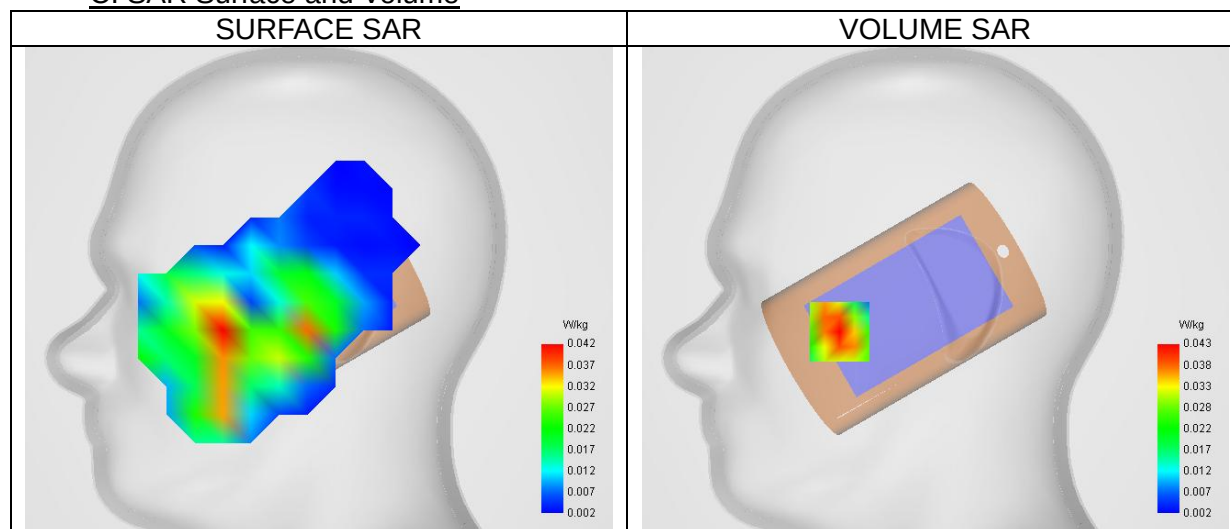
Date of measurement: 10/5/2025

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)	38.52
Relative permittivity (imaginary part)	13.74
Conductivity (S/m)	1.44

C. SAR Surface and Volume

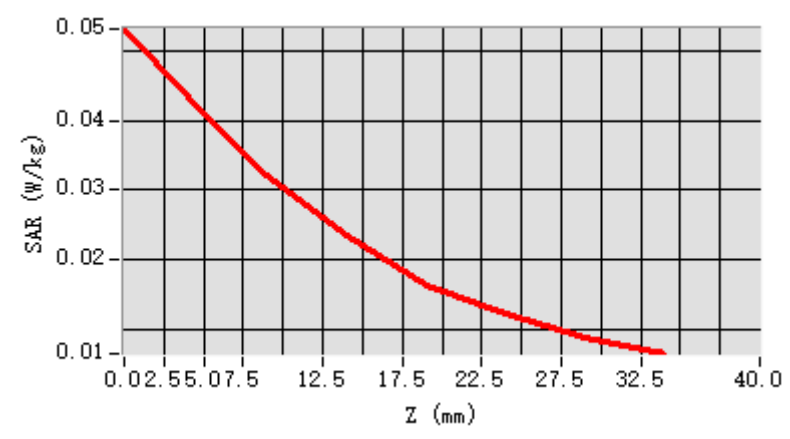
Maximum location: X=-51.00, Y=-22.00 ; SAR Peak: 0.06 W/kg

D. SAR 1g & 10g

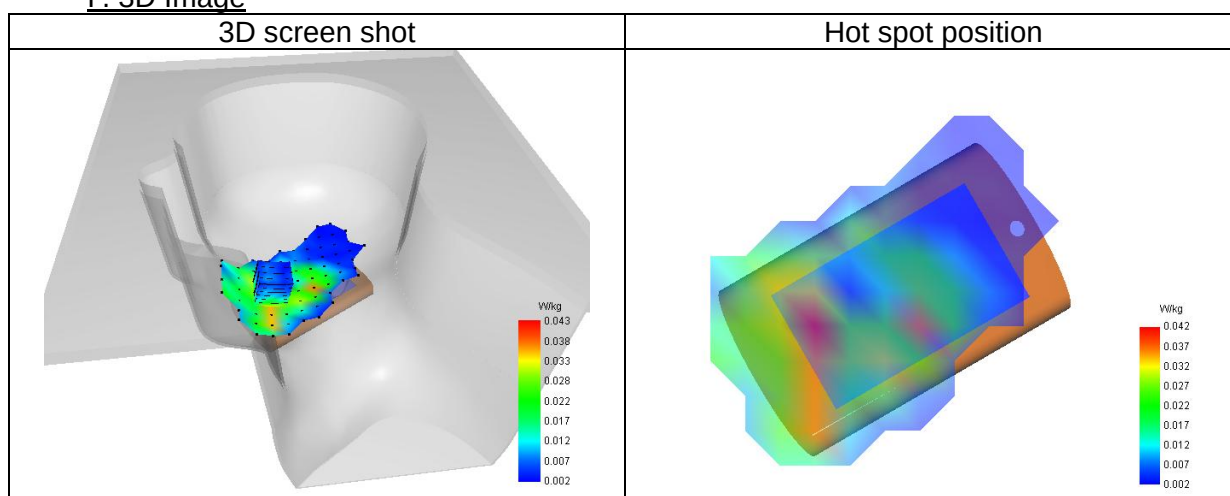
SAR 10g (W/Kg)	0.027
SAR 1g (W/Kg)	0.041
Variation (%)	0.81
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	74.25

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	0.043	0.032	0.024	0.016	0.012	0.009



F. 3D Image



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

Date of measurement: 10/5/2025

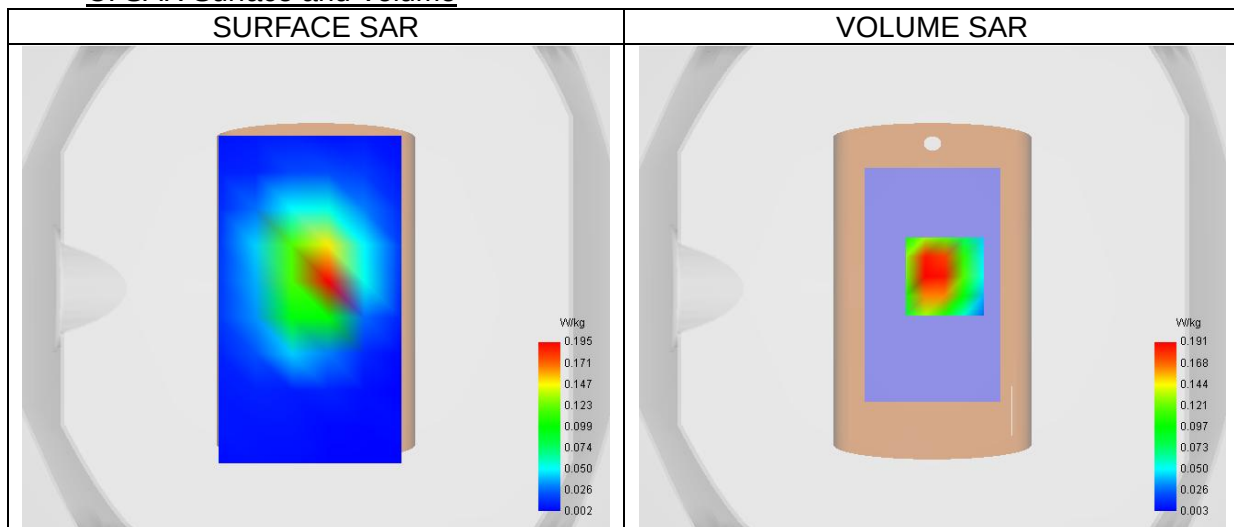
A. Experimental conditions.

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)	38.52
Relative permittivity (imaginary part)	13.74
Conductivity (S/m)	1.44

C. SAR Surface and Volume



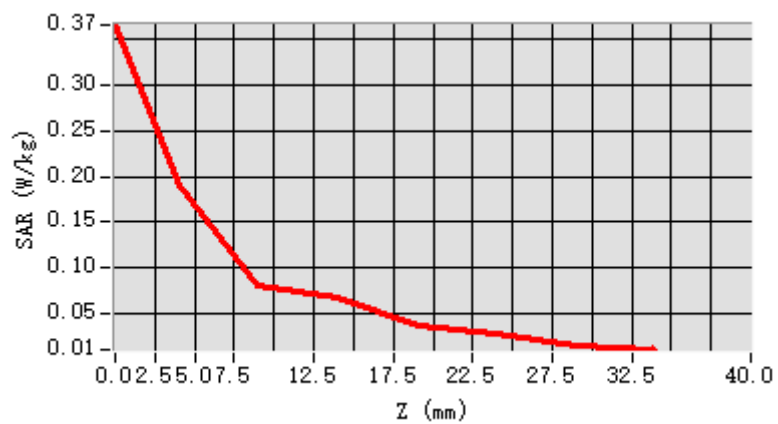
Maximum location: X=5.00, Y=5.00 ; SAR Peak: 0.30 W/kg

D. SAR 1g & 10g

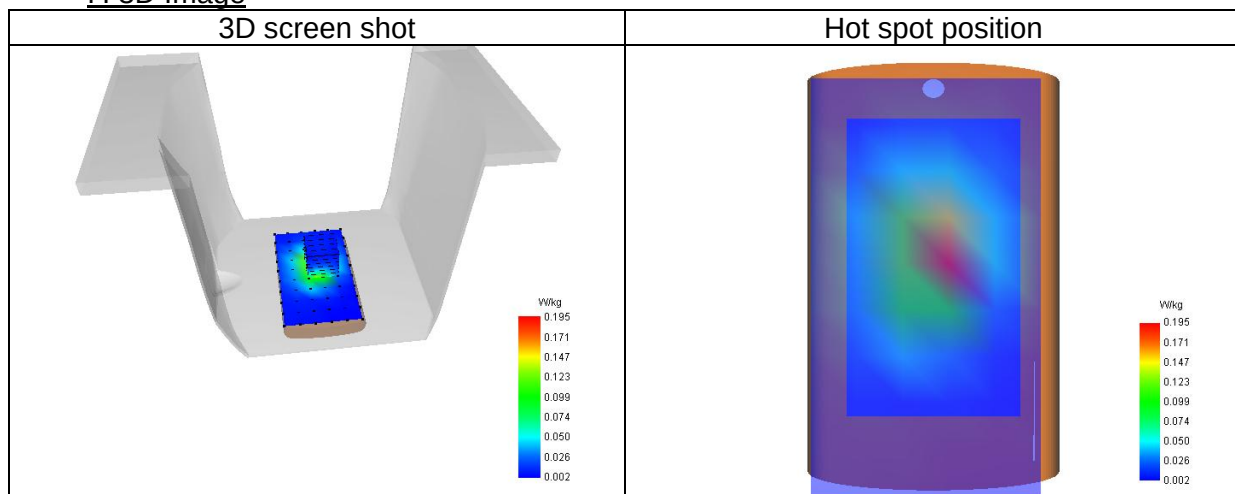
SAR 10g (W/Kg)	0.104
SAR 1g (W/Kg)	0.193
Variation (%)	-0.07
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	61.65

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.366	0.191	0.080	0.066	0.036	0.026	0.015



F. 3D Image



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

Date of measurement: 10/5/2025

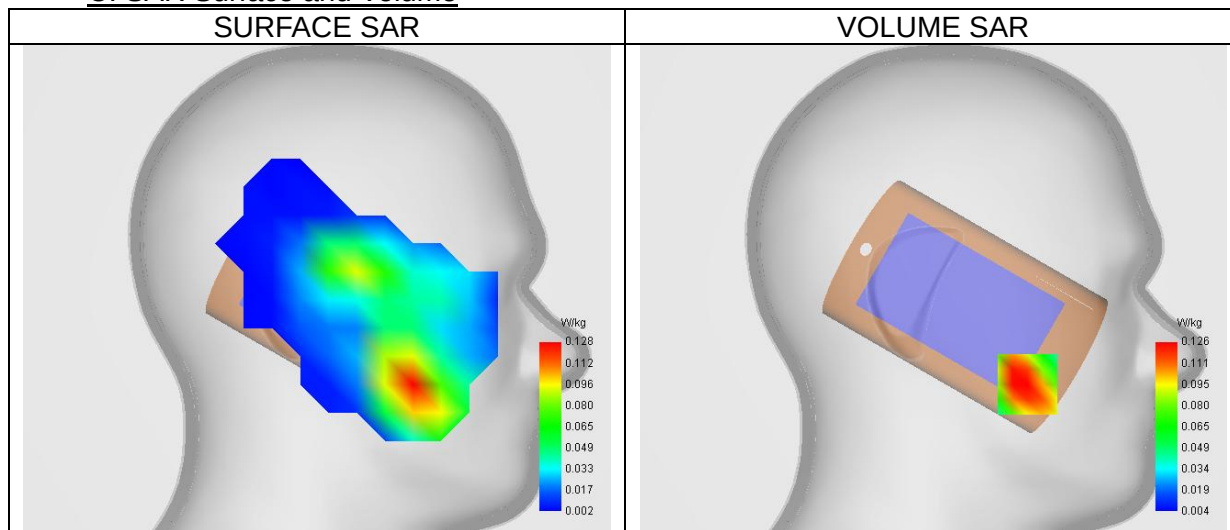
A. Experimental conditions.

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	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)	38.52
Relative permittivity (imaginary part)	13.74
Conductivity (S/m)	1.44

C. SAR Surface and Volume



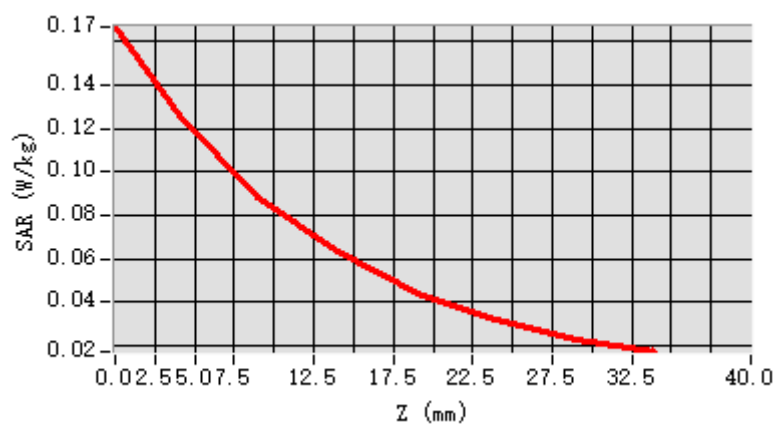
Maximum location: X=-50.00, Y=-51.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.078
SAR 1g (W/Kg)	0.127
Variation (%)	-0.15
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	70.13

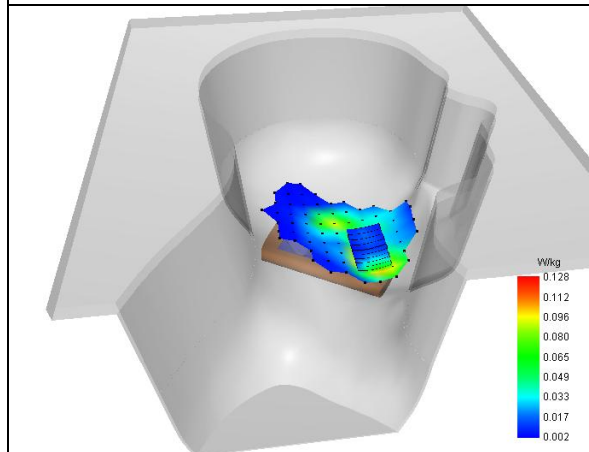
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.167	0.126	0.088	0.063	0.044	0.032	0.023

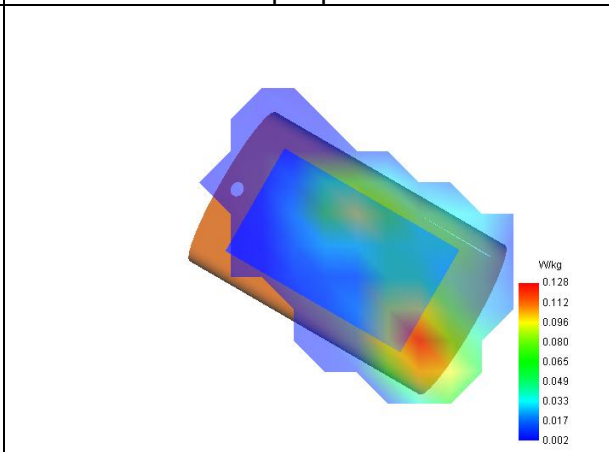


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 10/5/2025

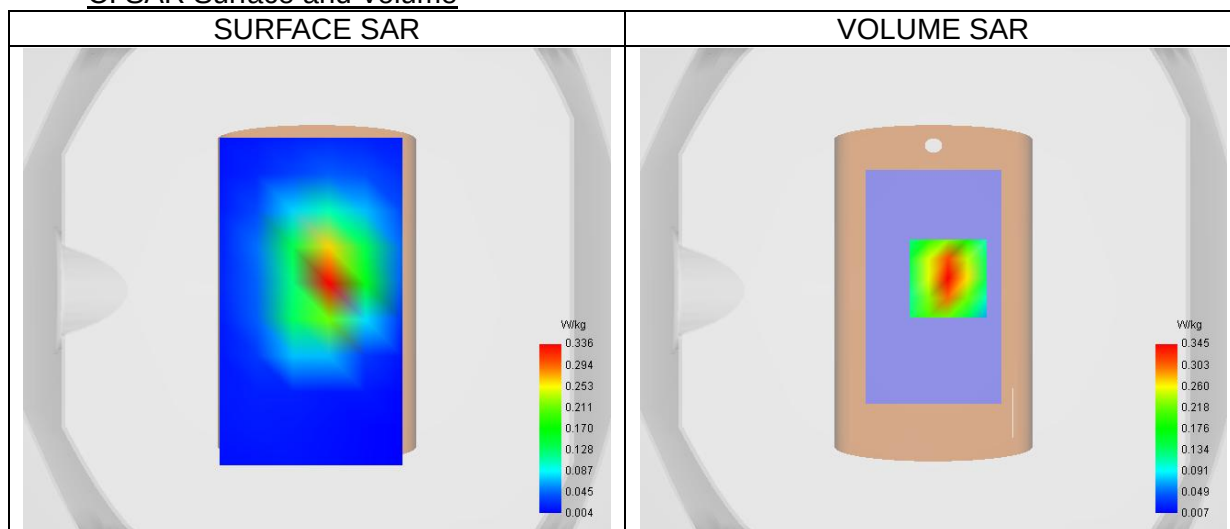
A. Experimental conditions.

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)	38.52
Relative permittivity (imaginary part)	13.74
Conductivity (S/m)	1.44

C. SAR Surface and Volume



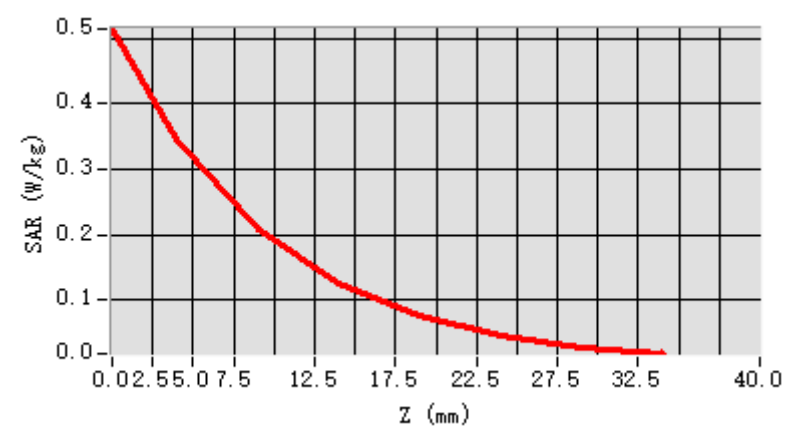
Maximum location: X=6.00, Y=5.00 ; SAR Peak: 0.51 W/kg

D. SAR 1g & 10g

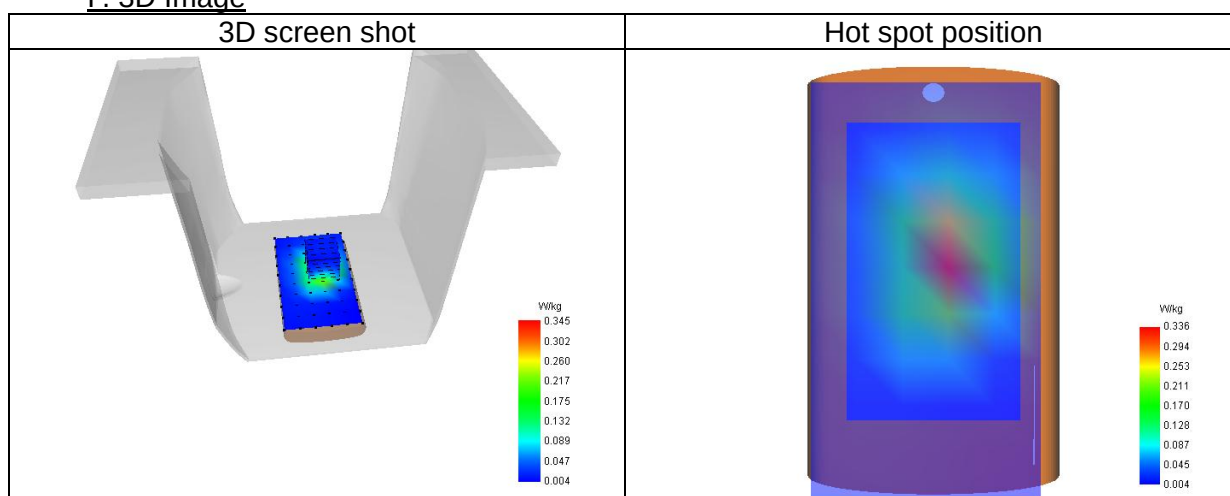
SAR 10g (W/Kg)	0.178
SAR 1g (W/Kg)	0.328
Variation (%)	0.38
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	59.97

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	0.345	0.207	0.125	0.076	0.047	0.029



F. 3D Image



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

Date of measurement: 11/5/2025

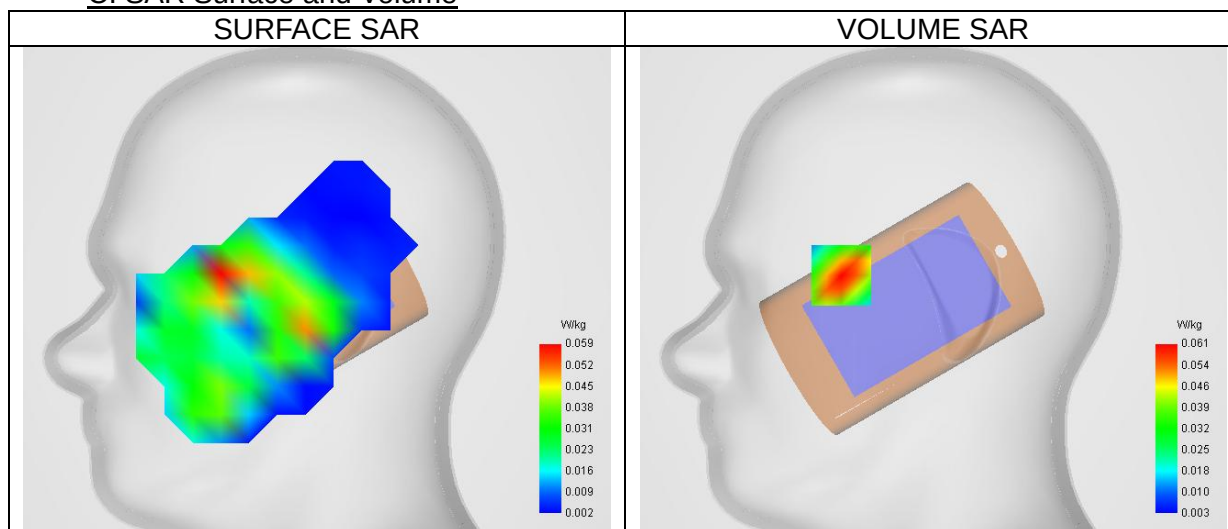
A. Experimental conditions.

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)	39.20
Relative permittivity (imaginary part)	13.62
Conductivity (S/m)	1.31

C. SAR Surface and Volume



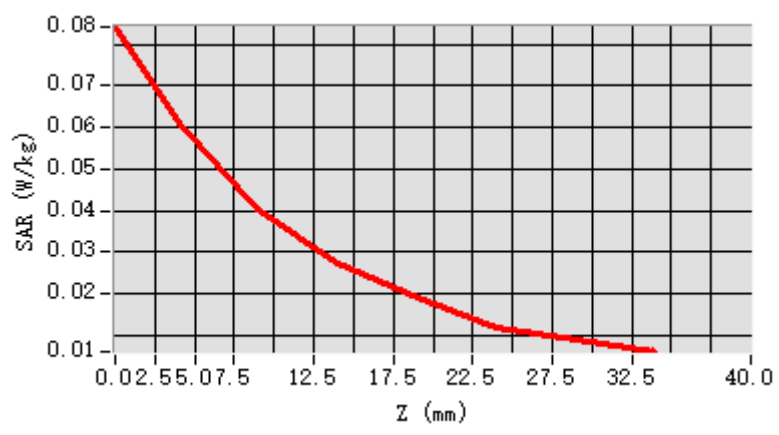
Maximum location: X=-49.00, Y=8.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.058
Variation (%)	1.78
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	66.48

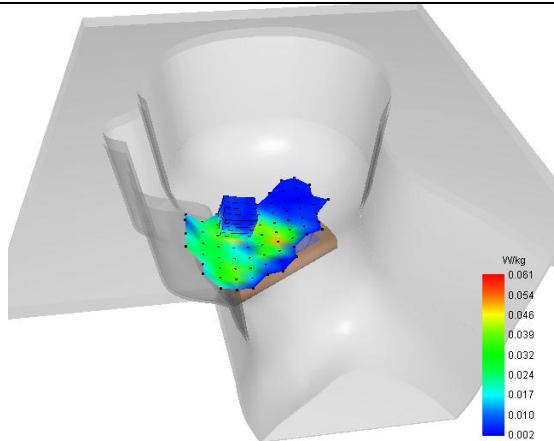
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.084	0.061	0.040	0.027	0.019	0.012	0.009

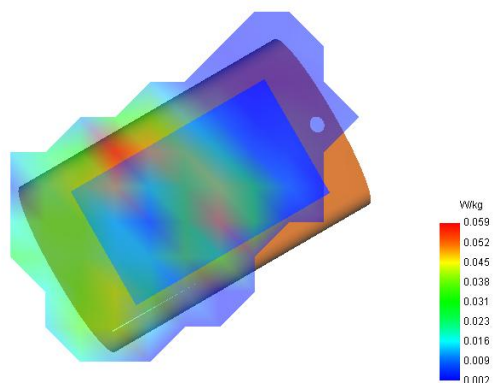


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 11/5/2025

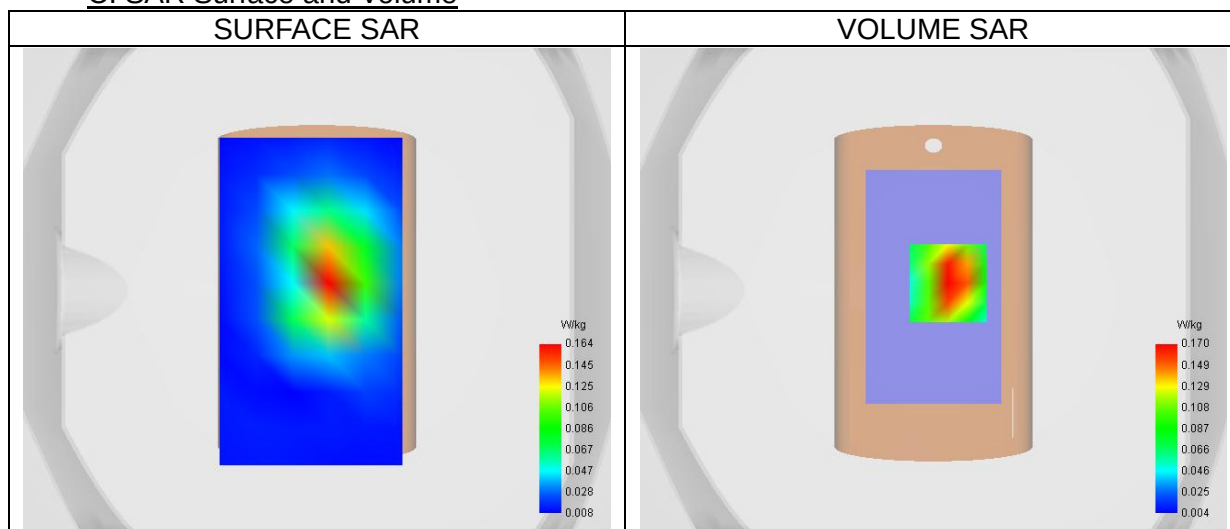
A. Experimental conditions.

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)	39.20
Relative permittivity (imaginary part)	13.62
Conductivity (S/m)	1.31

C. SAR Surface and Volume



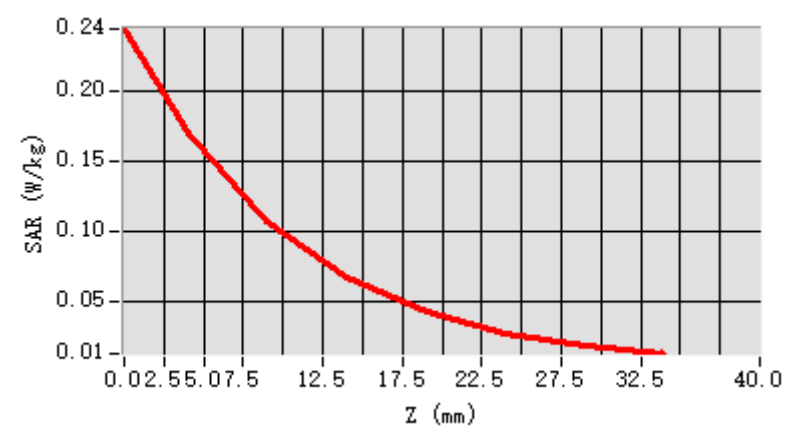
Maximum location: X=6.00, Y=3.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

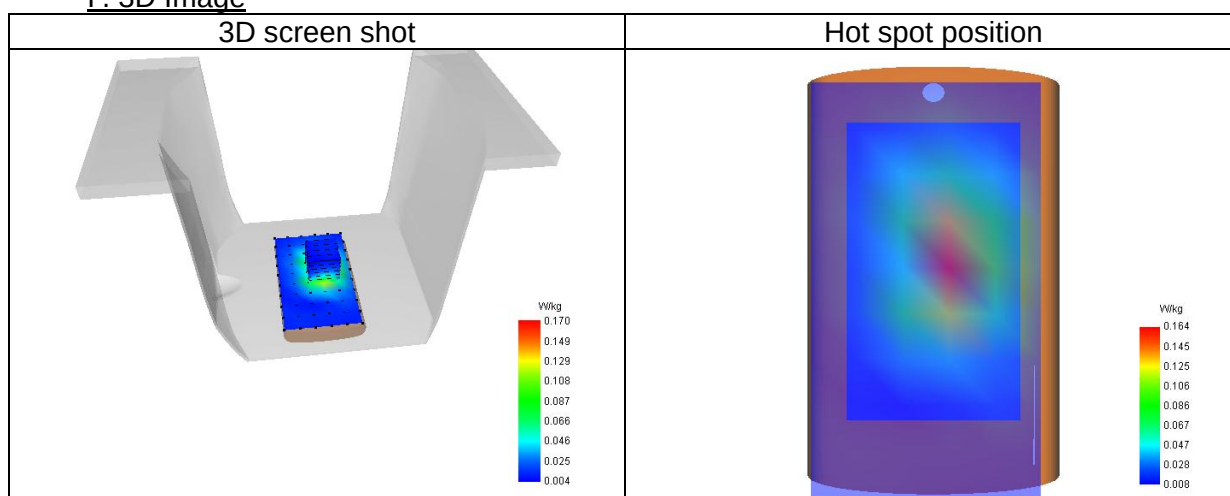
SAR 10g (W/Kg)	0.092
SAR 1g (W/Kg)	0.163
Variation (%)	-0.65
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	62.56

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.244	0.170	0.106	0.066	0.042	0.026	0.018



F. 3D Image



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

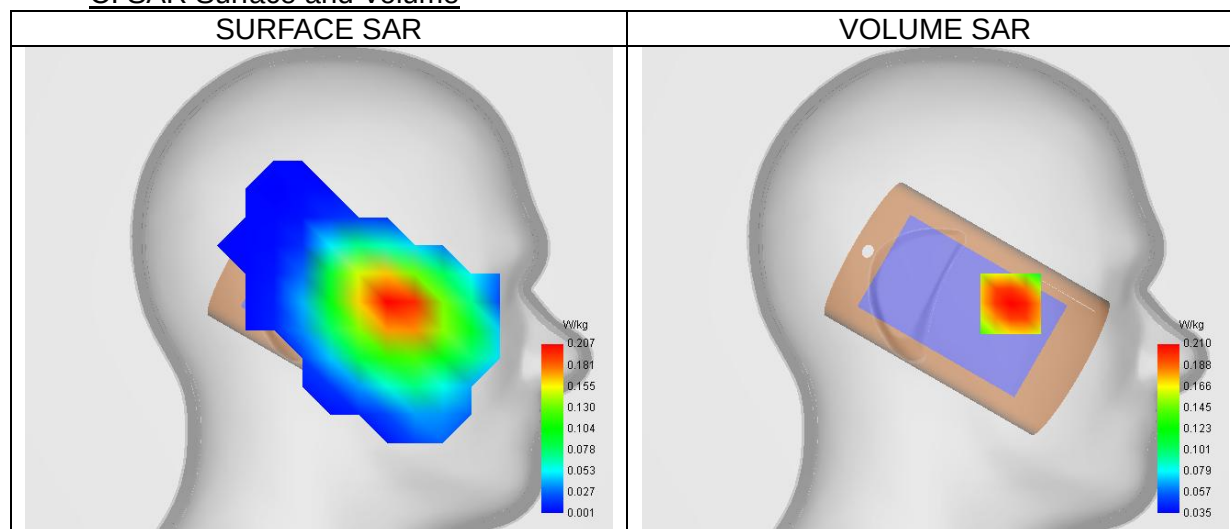
Date of measurement: 17/5/2025

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	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)	42.31
Relative permittivity (imaginary part)	20.06
Conductivity (S/m)	0.93

C. SAR Surface and Volume

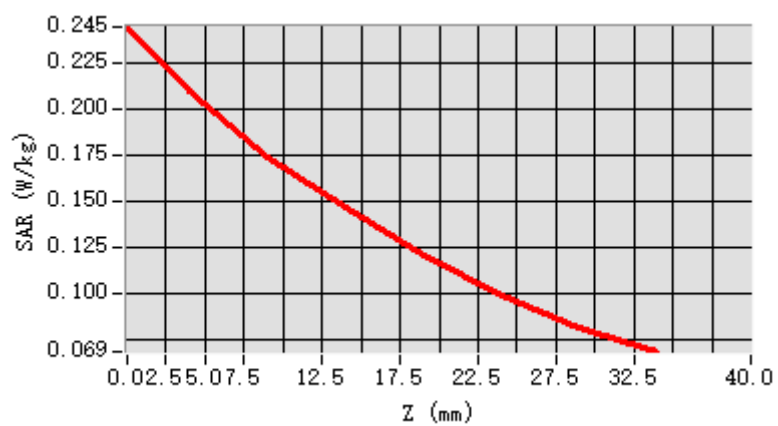
Maximum location: X=-40.00, Y=-7.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.161
SAR 1g (W/Kg)	0.209
Variation (%)	-1.77
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

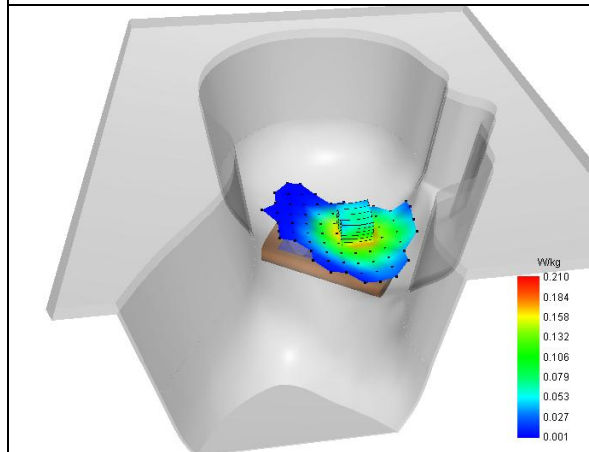
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.245	0.210	0.174	0.147	0.121	0.099	0.082

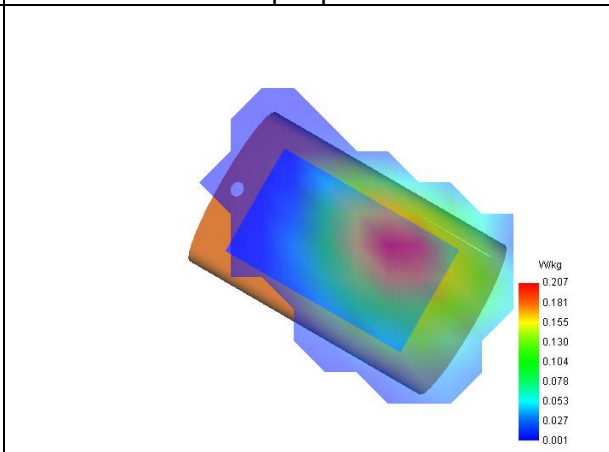


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 17/5/2025

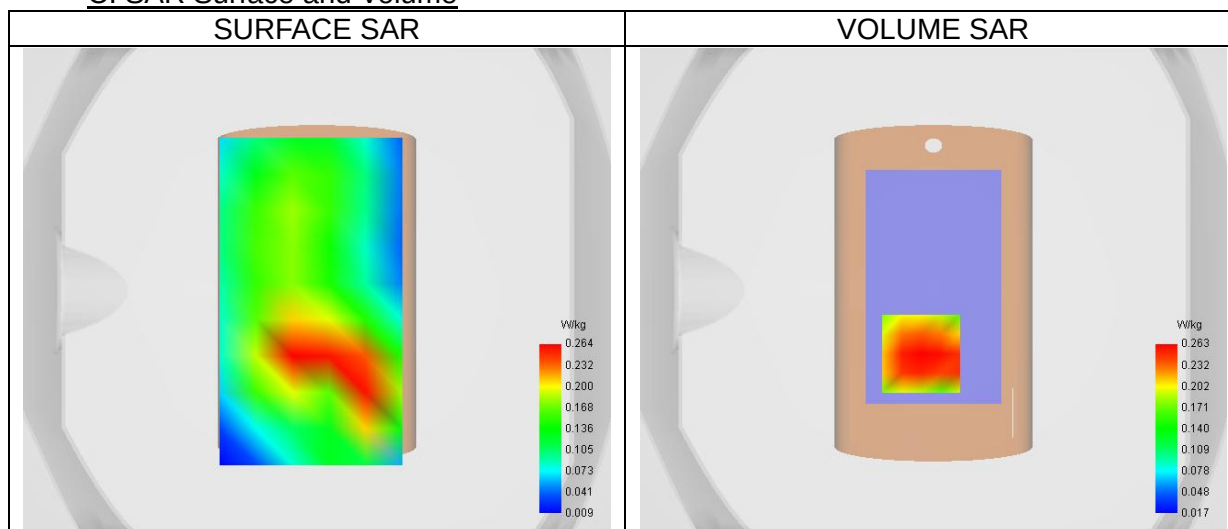
A. Experimental conditions.

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)	42.31
Relative permittivity (imaginary part)	20.06
Conductivity (S/m)	0.93

C. SAR Surface and Volume



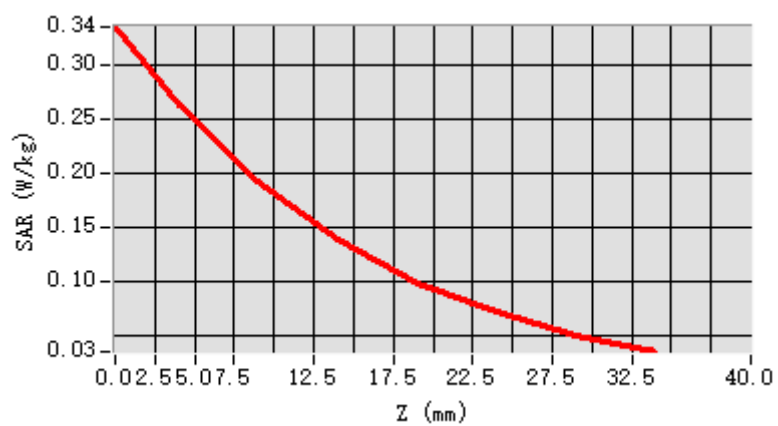
Maximum location: X=-5.00, Y=-26.00 ; SAR Peak: 0.37 W/kg

D. SAR 1g & 10g

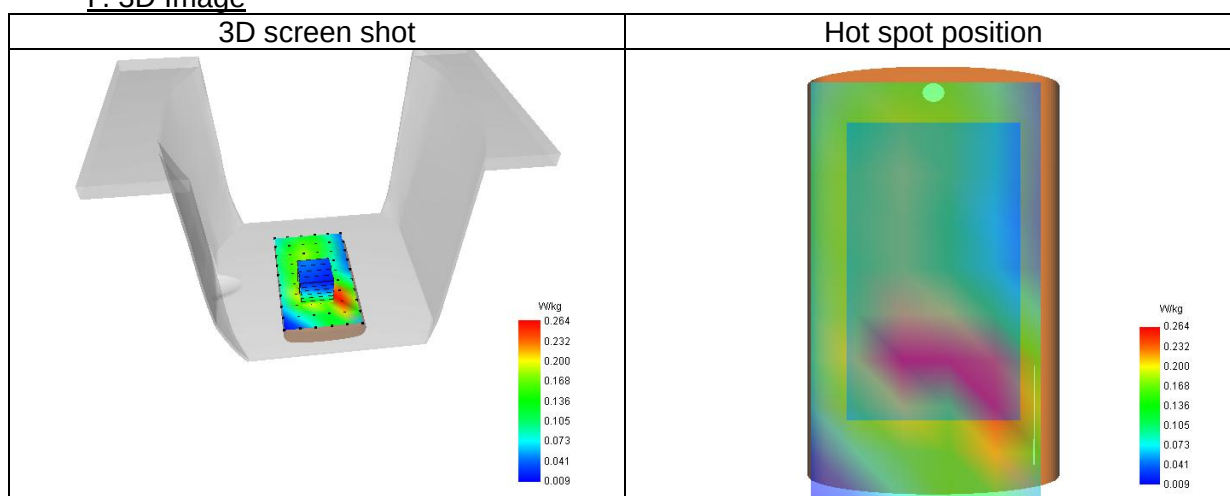
SAR 10g (W/Kg)	0.169
SAR 1g (W/Kg)	0.263
Variation (%)	-1.03
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.336	0.263	0.192	0.139	0.099	0.071	0.050



F. 3D Image



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

Date of measurement: 6/5/2025

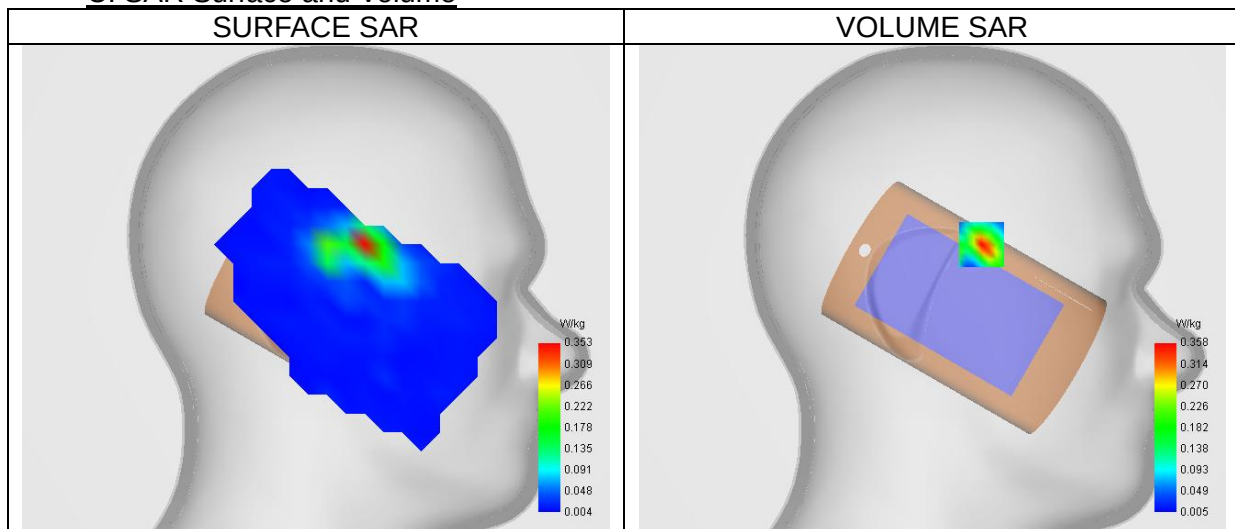
A. Experimental conditions.

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)	37.40
Relative permittivity (imaginary part)	15.83
Conductivity (S/m)	4.57

C. SAR Surface and Volume



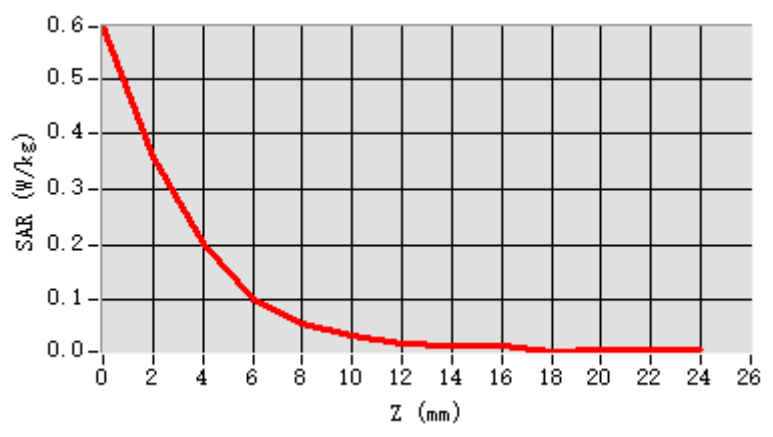
Maximum location: X=-26.00, Y=24.00 ; SAR Peak: 0.86 W/kg

D. SAR 1g & 10g

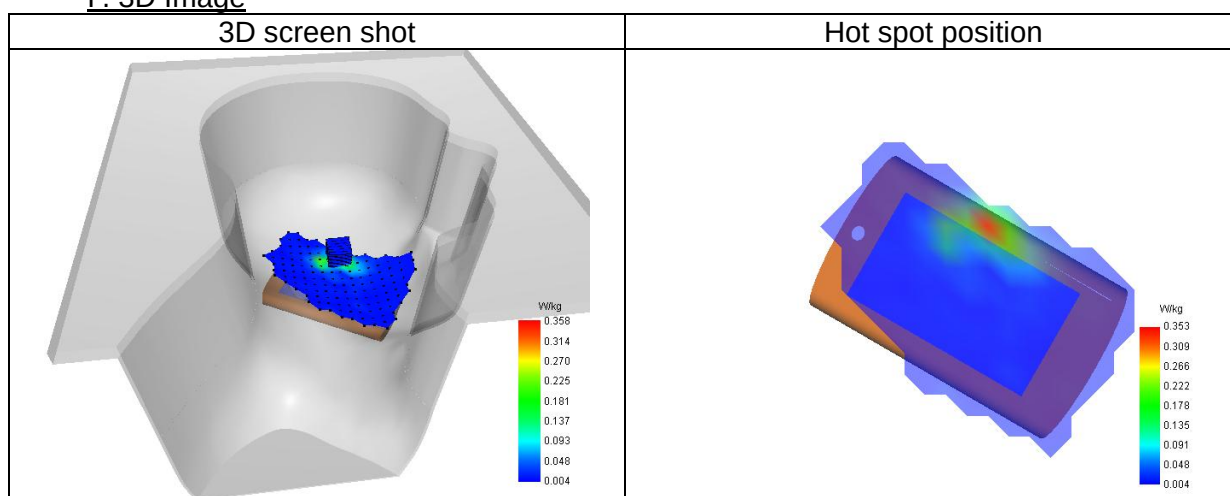
SAR 10g (W/Kg)	0.100
SAR 1g (W/Kg)	0.307
Variation (%)	1.62
Horizontal validation criteria: minimum distance (mm)	5.66
Vertical validation criteria: SAR ratio M2/M1 (%)	56.41

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)	0.59	0.35	0.20	0.10	0.05	0.03	0.02	0.01	0.01	0.00	0.01	0.00
	4	8	2	1	9	6	0	8	6	6	0	9



F. 3D Image



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

Date of measurement: 6/5/2025

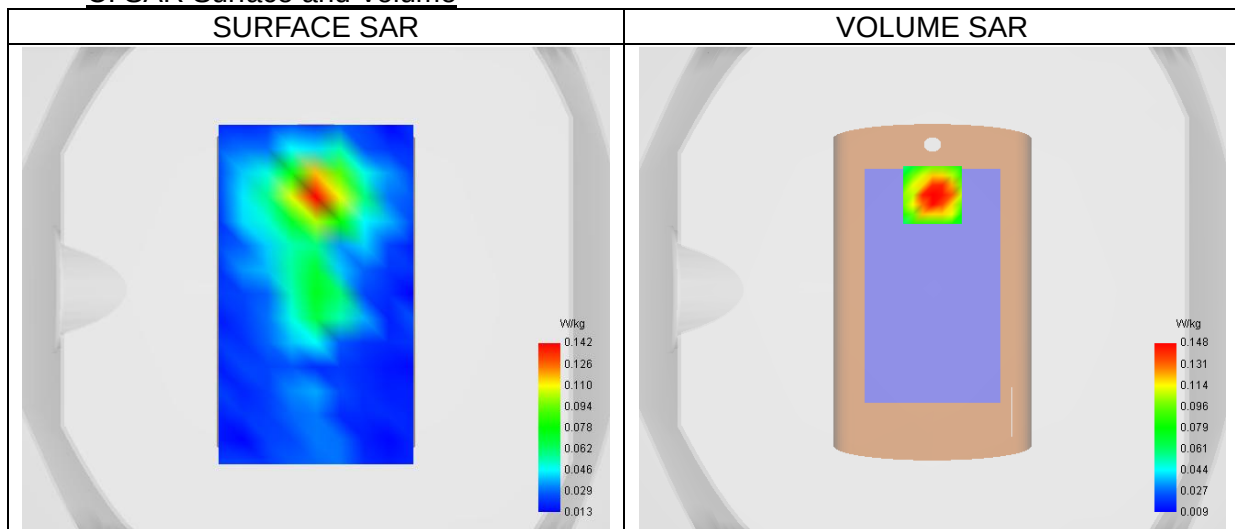
A. Experimental conditions.

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)	37.40
Relative permittivity (imaginary part)	15.83
Conductivity (S/m)	4.57

C. SAR Surface and Volume



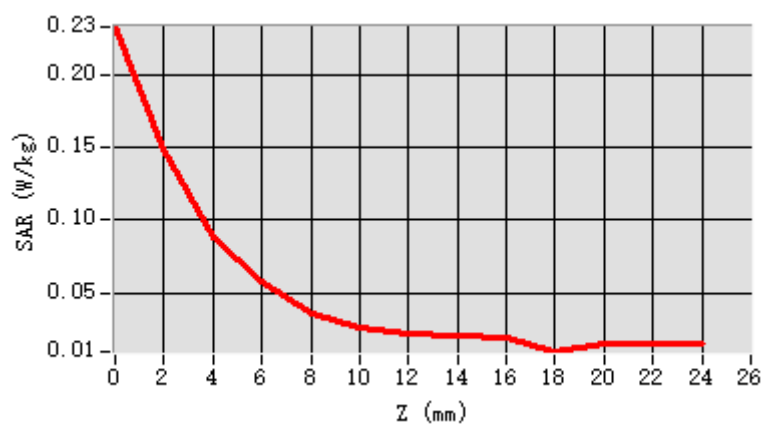
Maximum location: X=0.00, Y=39.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

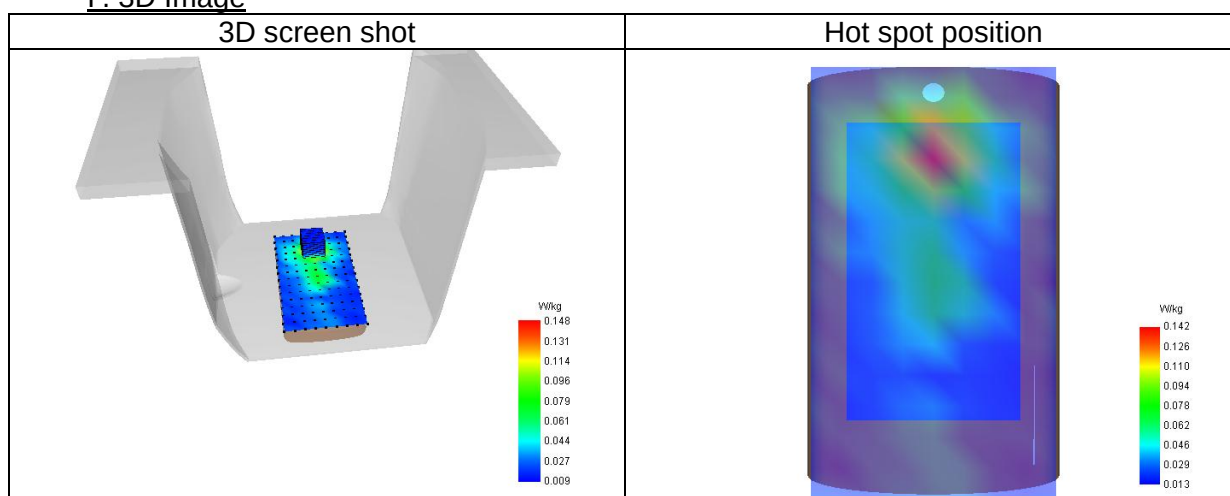
SAR 10g (W/Kg)	0.043
SAR 1g (W/Kg)	0.095
Variation (%)	-2.37
Horizontal validation criteria: minimum distance (mm)	14.42
Vertical validation criteria: SAR ratio M2/M1 (%)	61.40

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)	0.23 3	0.14 8	0.08 9	0.05 8	0.03 6	0.02 6	0.02 2	0.02 0	0.01 9	0.01 0	0.01 5	0.01 5



F. 3D Image



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

Date of measurement: 15/5/2025

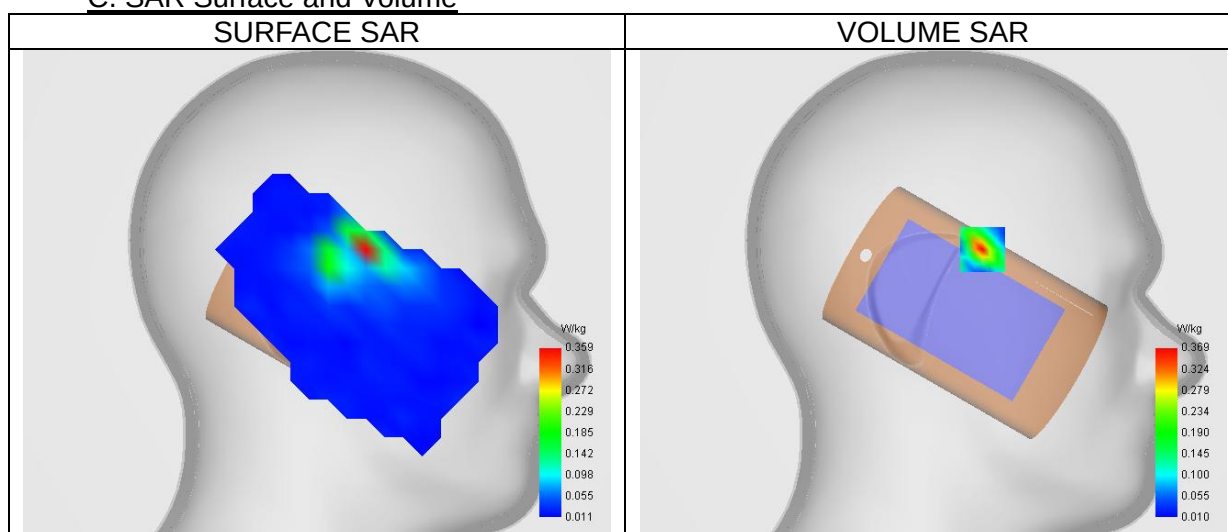
A. Experimental conditions.

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 n
Channels/Frequency	Middle (149)/ frequency 5745.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5745.00
Relative permittivity (real part)	36.00
Relative permittivity (imaginary part)	15.72
Conductivity (S/m)	5.05

C. SAR Surface and Volume



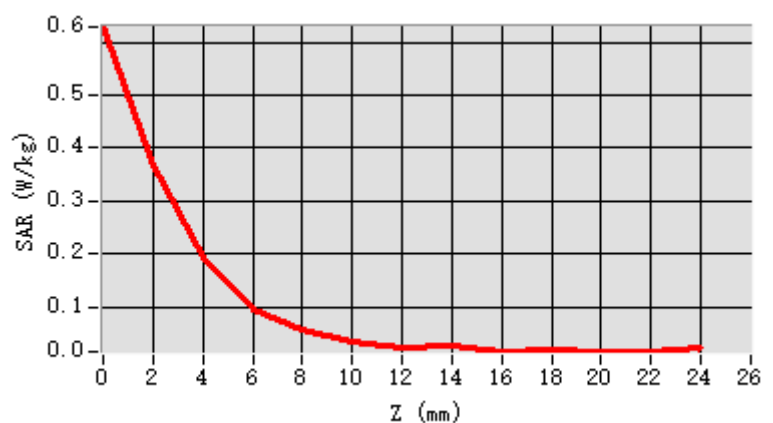
Maximum location: X=-26.00, Y=24.00 ; SAR Peak: 0.97 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.098
SAR 1g (W/Kg)	0.314
Variation (%)	4.37
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	52.37

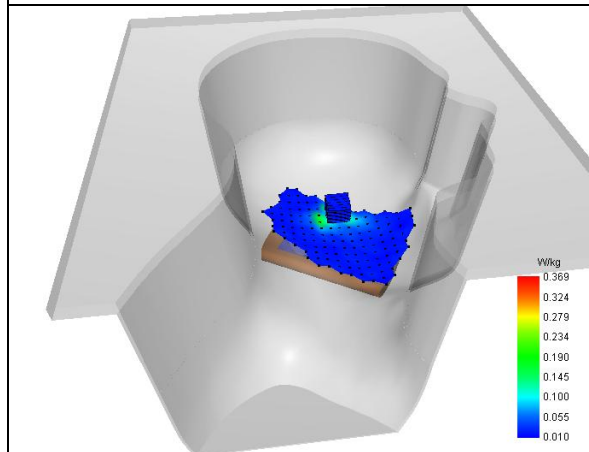
E. Z Axis Scan

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)	0.628	0.369	0.193	0.097	0.057	0.036	0.025	0.026	0.018	0.019	0.018	0.016

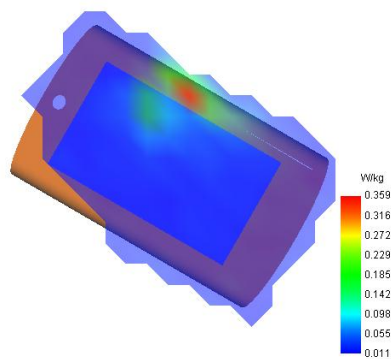


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 15/5/2025

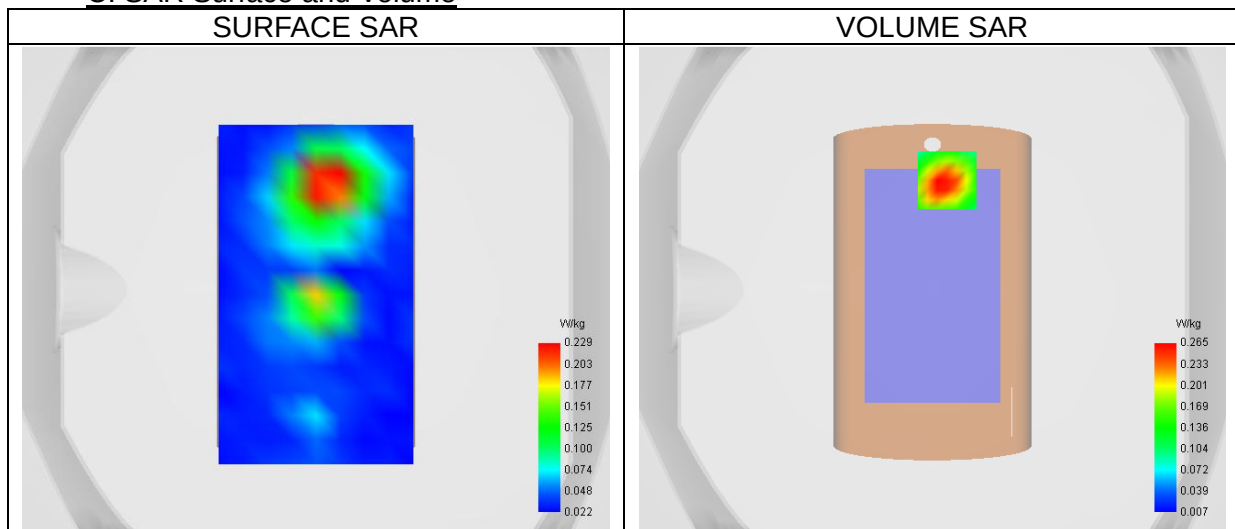
A. Experimental conditions.

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 n
Channels/Frequency	Middle (149)/ frequency 5745.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5745.00
Relative permittivity (real part)	36.00
Relative permittivity (imaginary part)	15.72
Conductivity (S/m)	5.05

C. SAR Surface and Volume



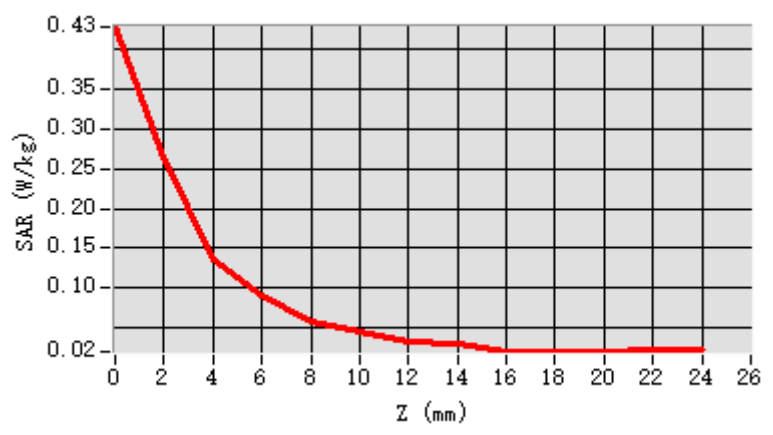
Maximum location: X=6.00, Y=45.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

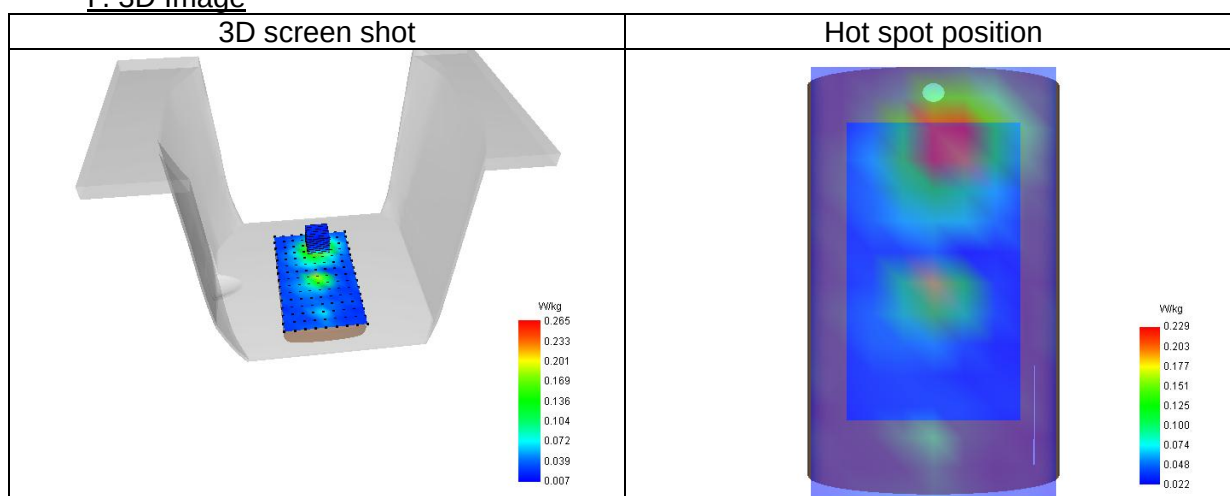
SAR 10g (W/Kg)	0.070
SAR 1g (W/Kg)	0.168
Variation (%)	-3.44
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	54.19

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)	0.42 9	0.26 5	0.13 6	0.09 1	0.05 8	0.04 6	0.03 3	0.03 0	0.02 0	0.02 0	0.02 0	0.02 3



F. 3D Image



15# SAR Measurement at ISM (Cheek, Left)

Date of measurement: 16/5/2025

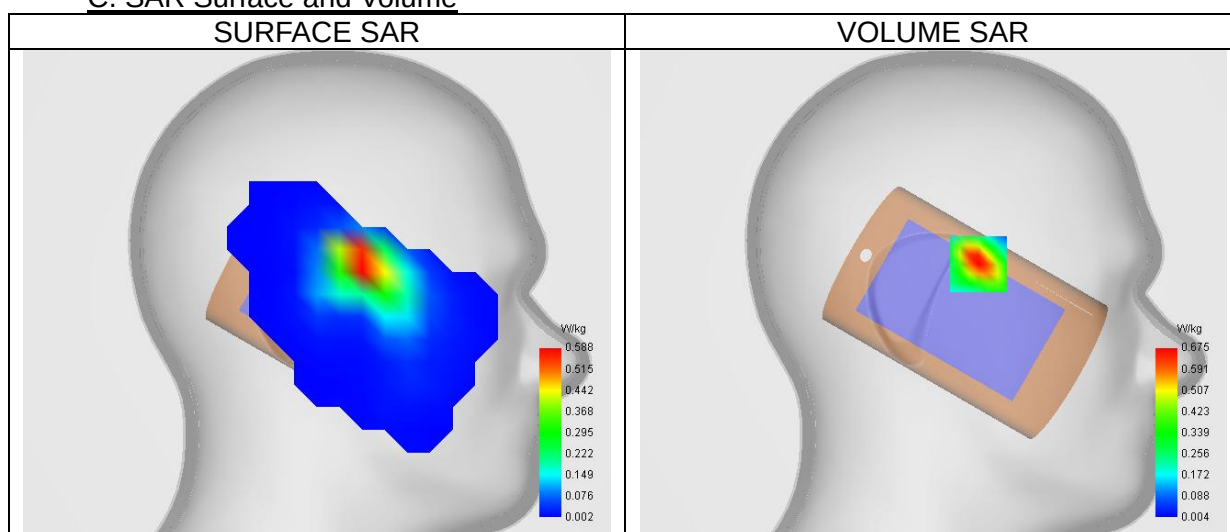
A. Experimental conditions.

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)	38.18
Relative permittivity (imaginary part)	13.12
Conductivity (S/m)	1.78

C. SAR Surface and Volume



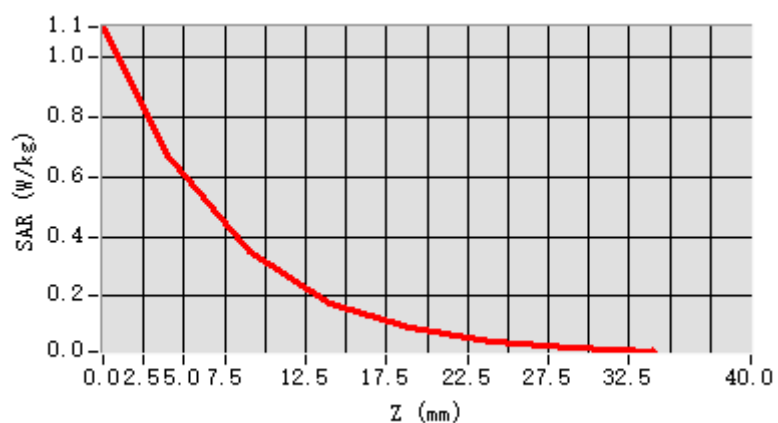
Maximum location: X=-24.00, Y=16.00 ; SAR Peak: 1.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.293
SAR 1g (W/Kg)	0.618
Variation (%)	-1.25
Horizontal validation criteria: minimum distance (mm)	11.18
Vertical validation criteria: SAR ratio M2/M1 (%)	51.73

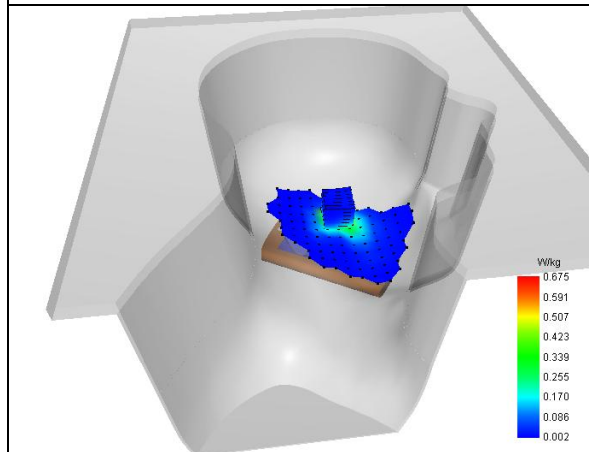
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.104	0.675	0.349	0.177	0.094	0.048	0.025

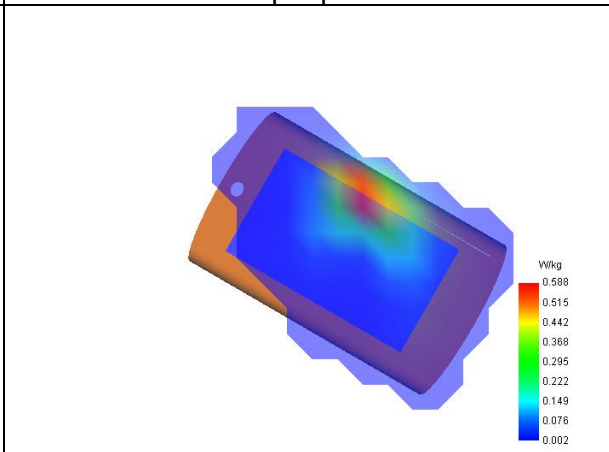


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 16/5/2025

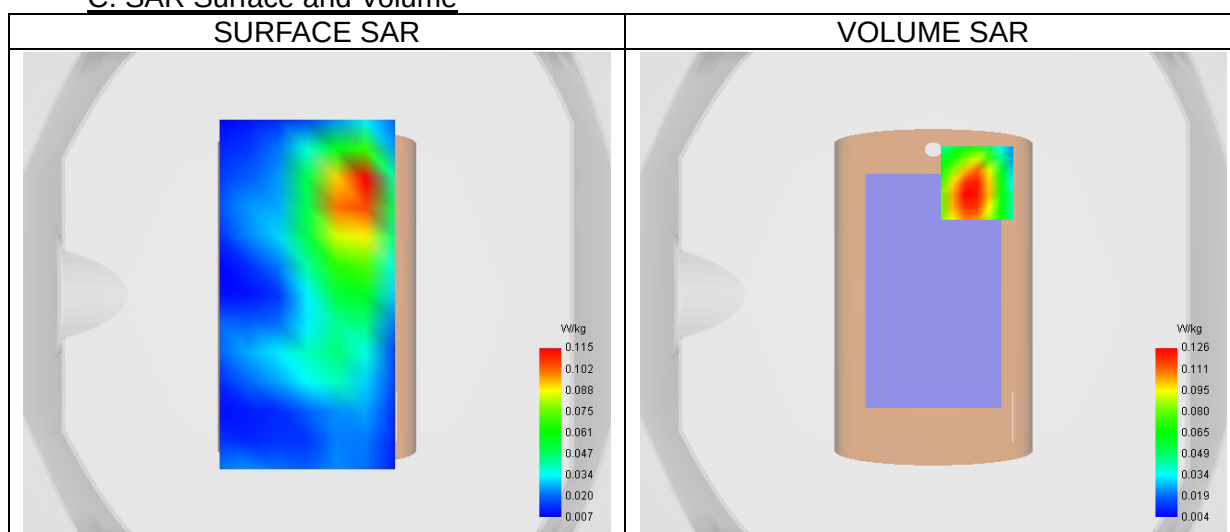
A. Experimental conditions.

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)	38.18
Relative permittivity (imaginary part)	13.12
Conductivity (S/m)	1.78

C. SAR Surface and Volume



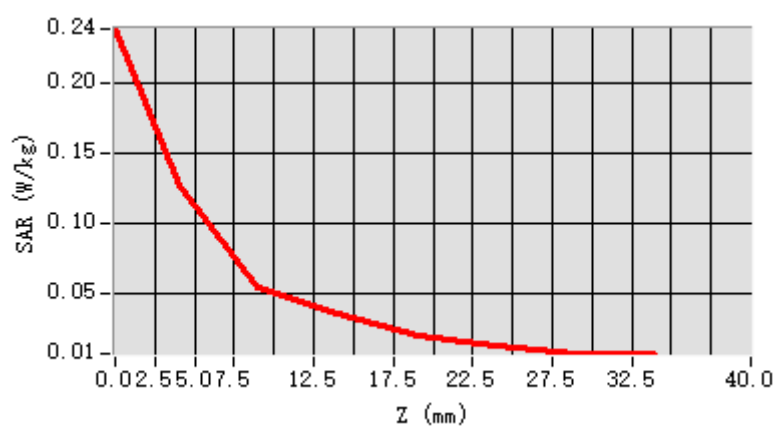
Maximum location: X=18.00, Y=46.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

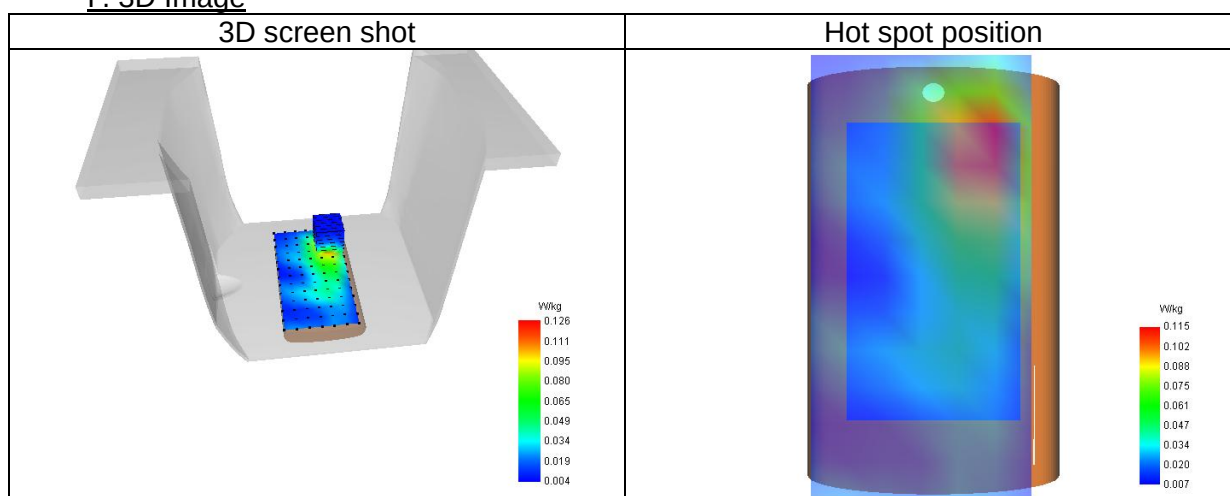
SAR 10g (W/Kg)	0.060
SAR 1g (W/Kg)	0.120
Variation (%)	-0.26
Horizontal validation criteria: minimum distance (mm)	18.03
Vertical validation criteria: SAR ratio M2/M1 (%)	53.59

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.238	0.126	0.053	0.035	0.019	0.012	0.007



F. 3D Image



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

Date of measurement: 10/5/2025

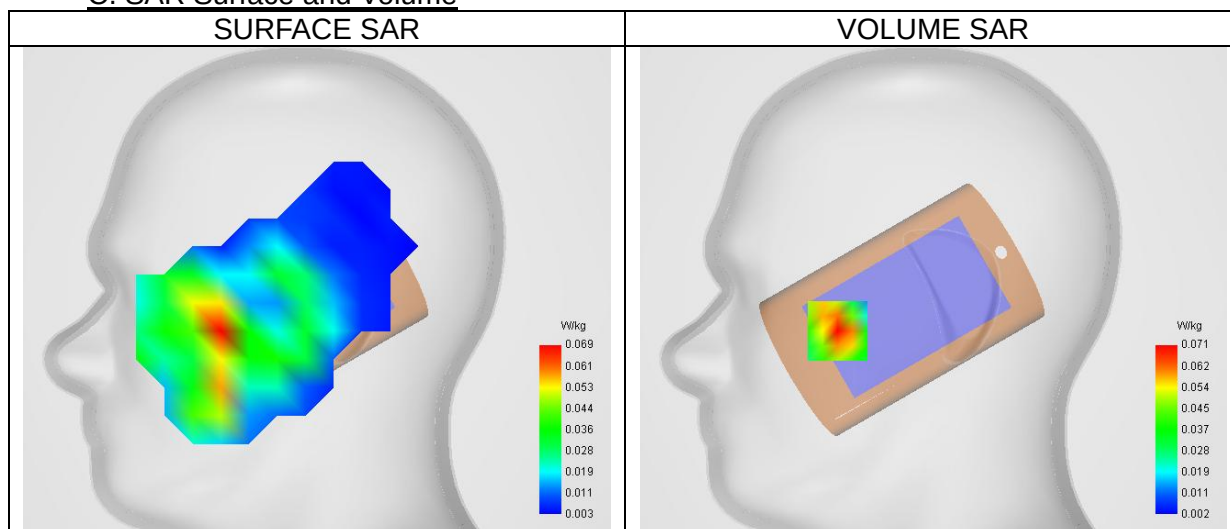
A. Experimental conditions.

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)	38.52
Relative permittivity (imaginary part)	13.74
Conductivity (S/m)	1.44

C. SAR Surface and Volume



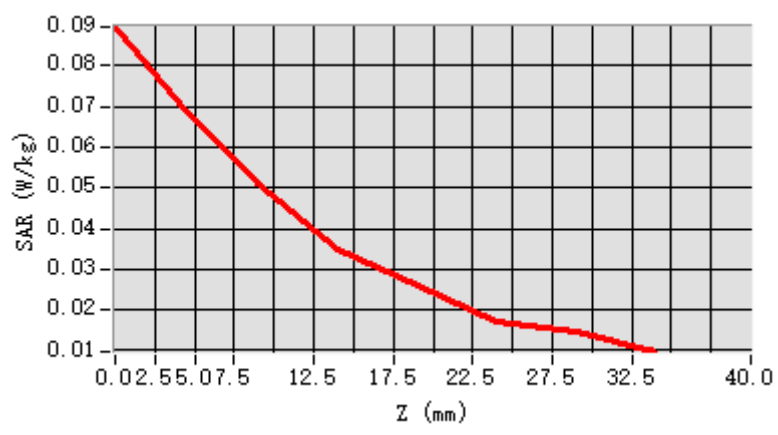
Maximum location: X=-51.00, Y=-21.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.041
SAR 1g (W/Kg)	0.067
Variation (%)	-0.10
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	72.31

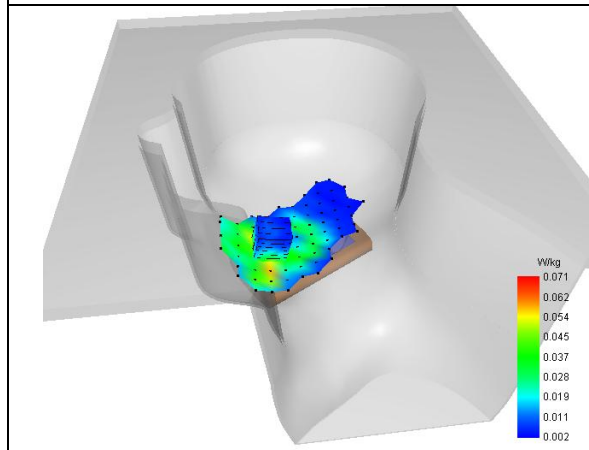
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.090	0.071	0.051	0.035	0.026	0.017	0.014

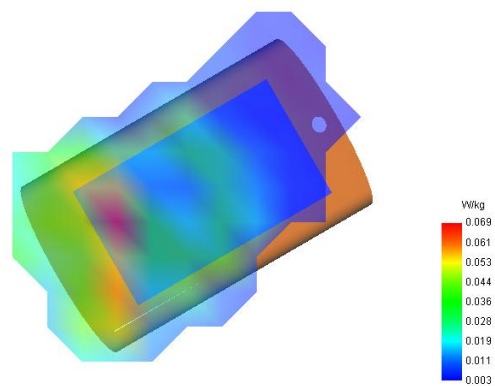


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 10/5/2025

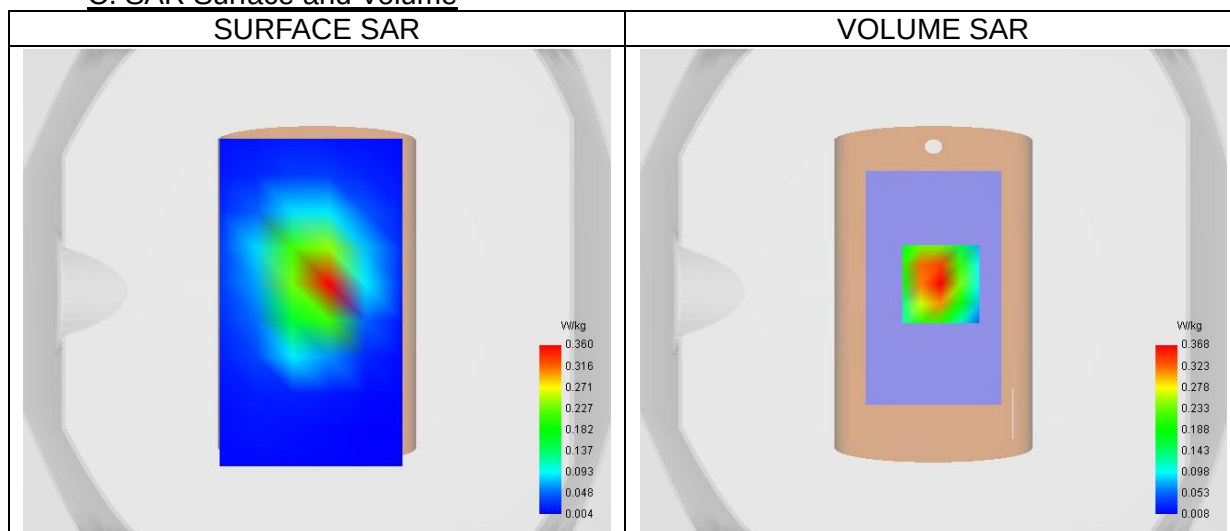
A. Experimental conditions.

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)	38.52
Relative permittivity (imaginary part)	13.74
Conductivity (S/m)	1.44

C. SAR Surface and Volume



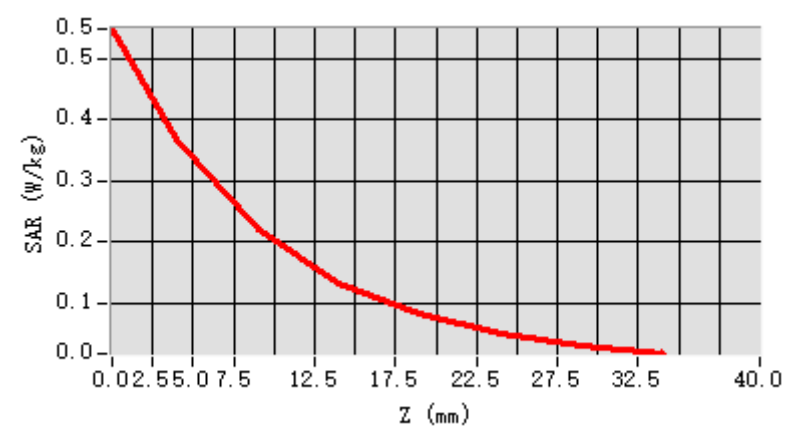
Maximum location: X=3.00, Y=3.00 ; SAR Peak: 0.57 W/kg

D. SAR 1g & 10g

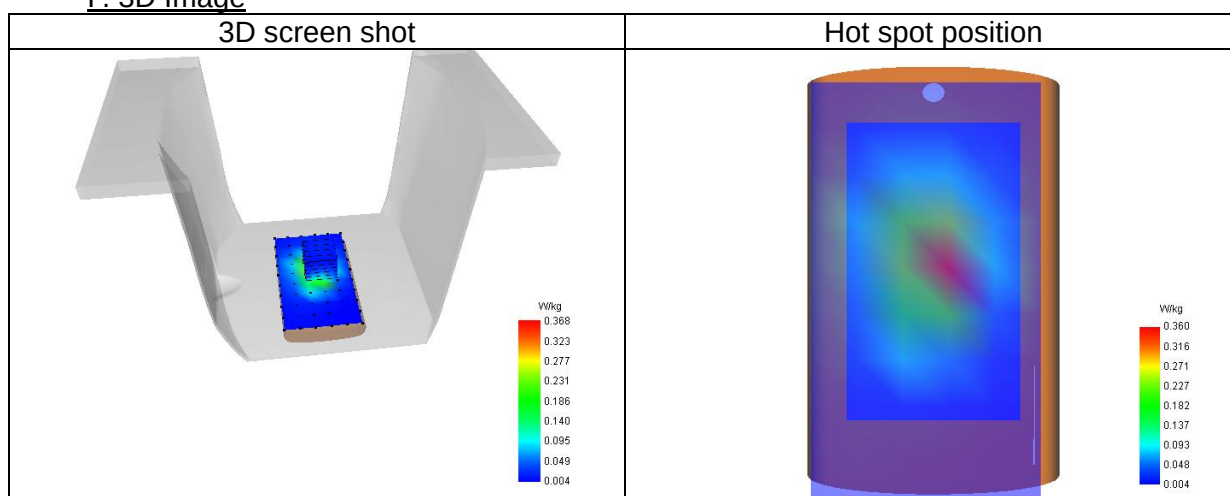
SAR 10g (W/Kg)	0.190
SAR 1g (W/Kg)	0.358
Variation (%)	-1.69
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	60.18

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.549	0.368	0.222	0.134	0.084	0.050	0.031



F. 3D Image



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

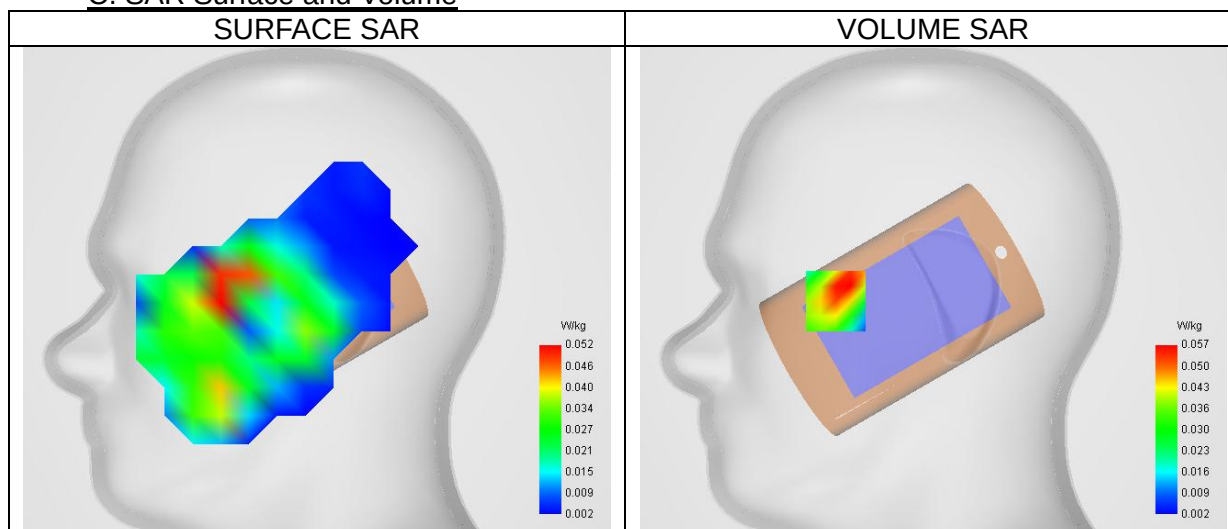
Date of measurement: 11/5/2025

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)	39.20
Relative permittivity (imaginary part)	13.62
Conductivity (S/m)	1.31

C. SAR Surface and Volume

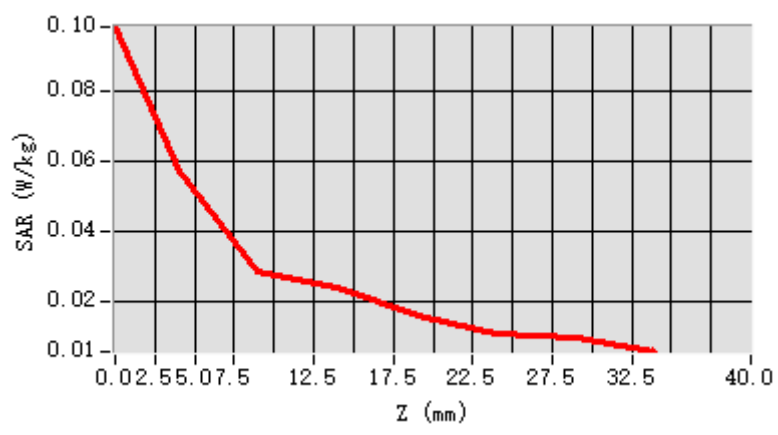
Maximum location: X=-52.00, Y=-5.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.032
SAR 1g (W/Kg)	0.054
Variation (%)	1.89
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	69.33

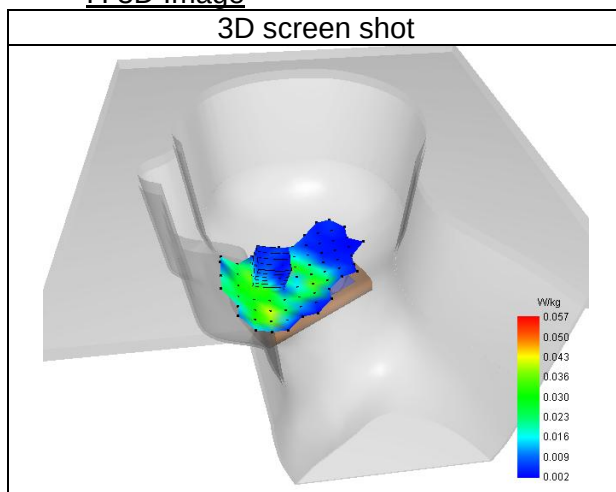
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.098	0.057	0.029	0.024	0.016	0.011	0.010

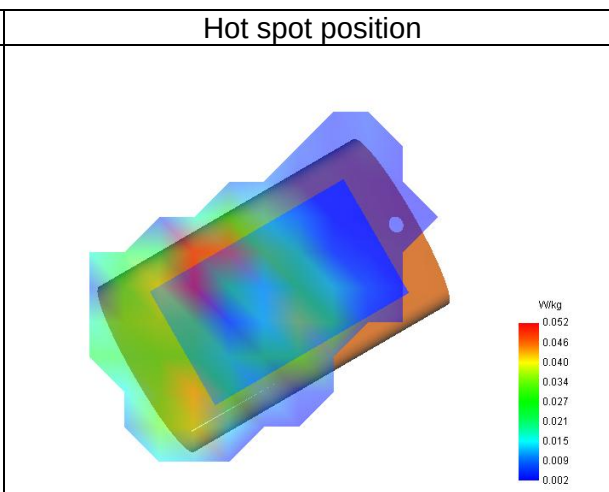


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 11/5/2025

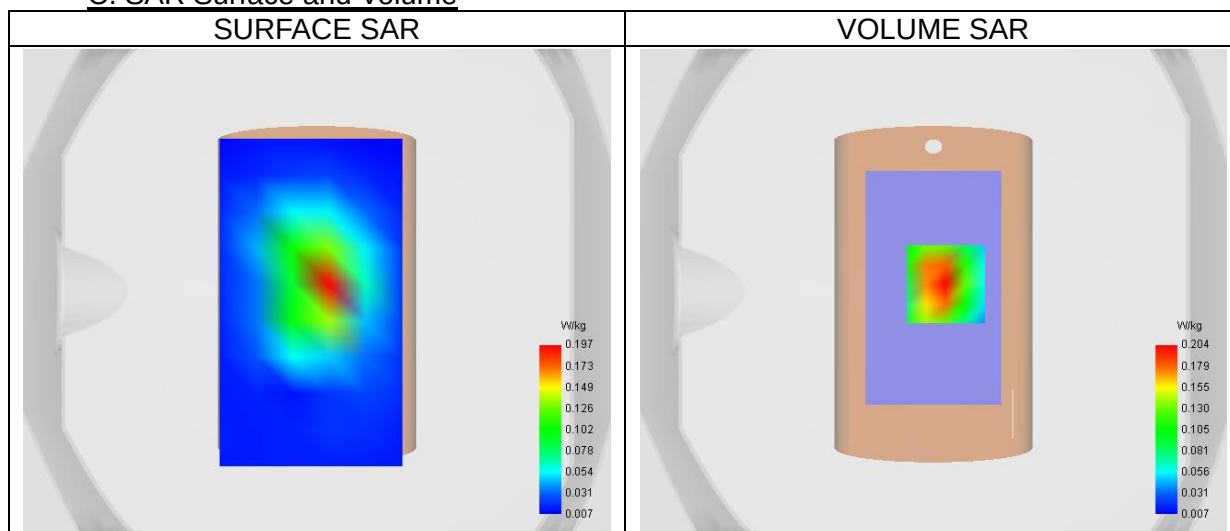
A. Experimental conditions.

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)	39.20
Relative permittivity (imaginary part)	13.62
Conductivity (S/m)	1.31

C. SAR Surface and Volume



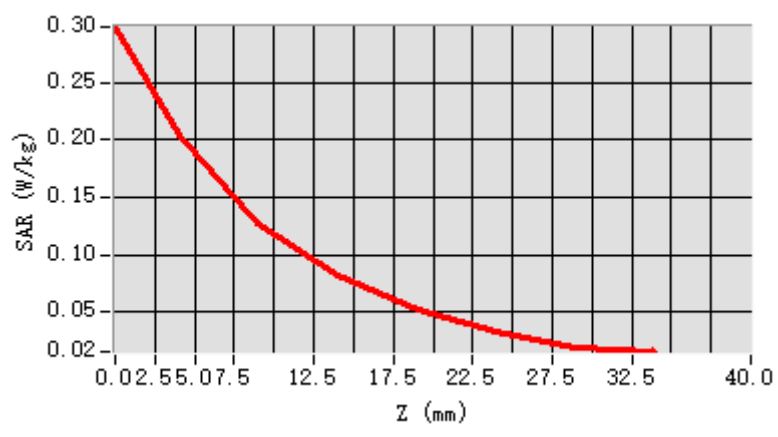
Maximum location: X=5.00, Y=3.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

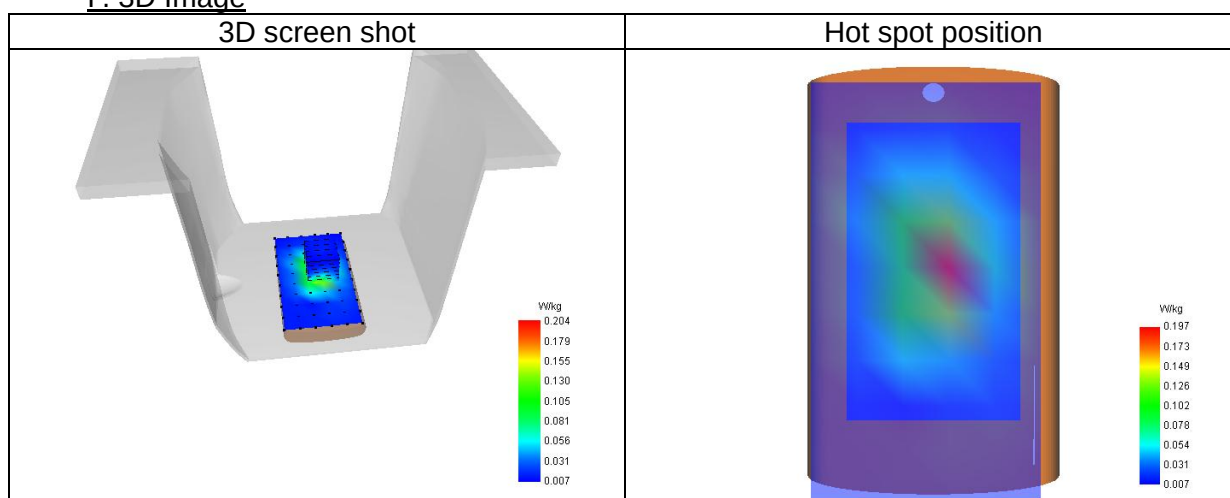
SAR 10g (W/Kg)	0.107
SAR 1g (W/Kg)	0.193
Variation (%)	0.04
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	62.25

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.298	0.204	0.127	0.081	0.051	0.032	0.020



F. 3D Image



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

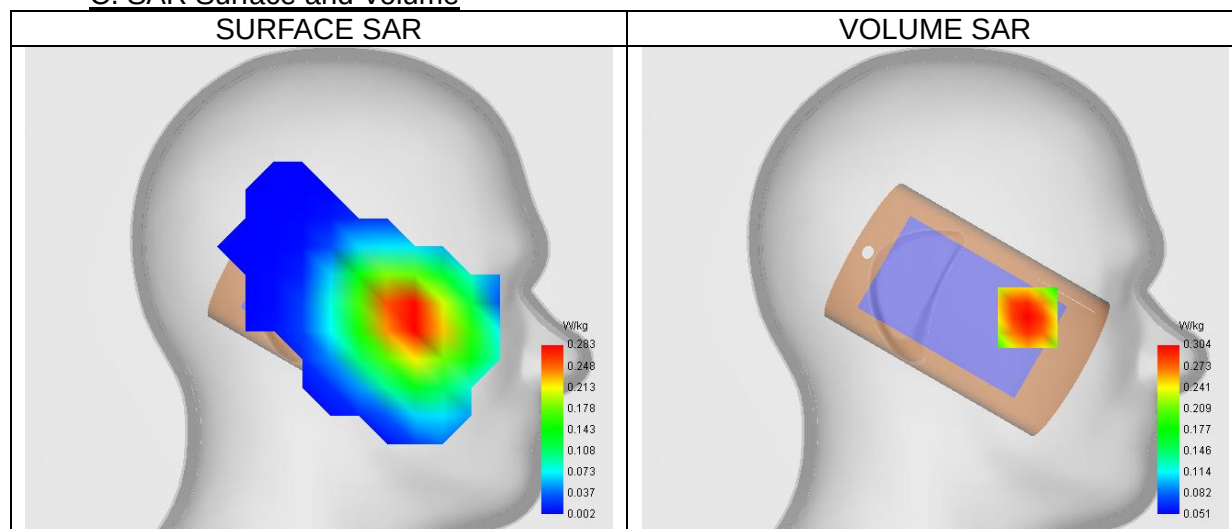
Date of measurement: 17/5/2025

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)	42.31
Relative permittivity (imaginary part)	20.06
Conductivity (S/m)	0.93

C. SAR Surface and Volume

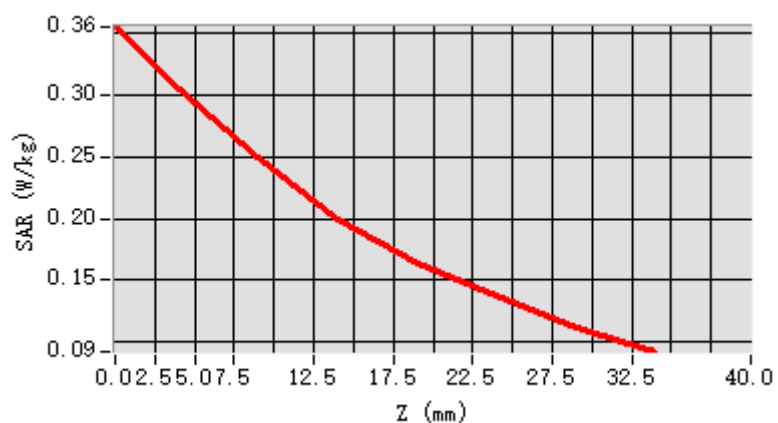
Maximum location: X=-49.00, Y=-14.00 ; SAR Peak: 0.36 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.227
SAR 1g (W/Kg)	0.299
Variation (%)	-1.84
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

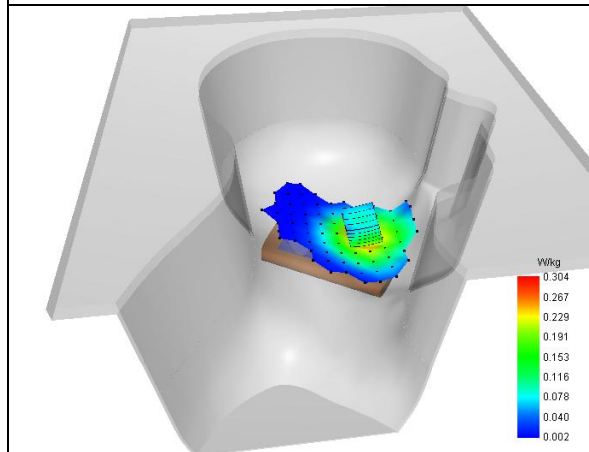
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.356	0.304	0.249	0.199	0.163	0.138	0.112

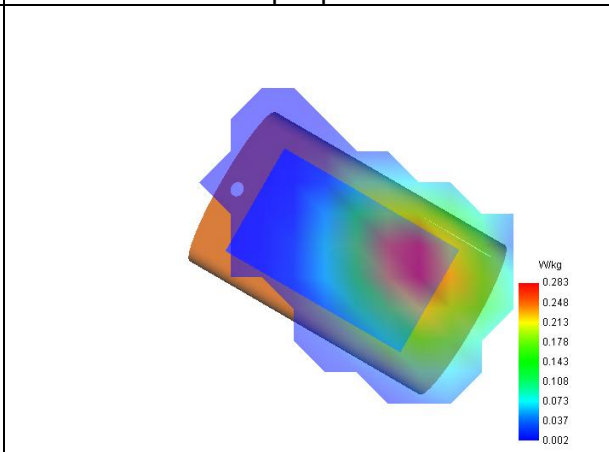


F. 3D Image

3D screen shot



Hot spot position



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

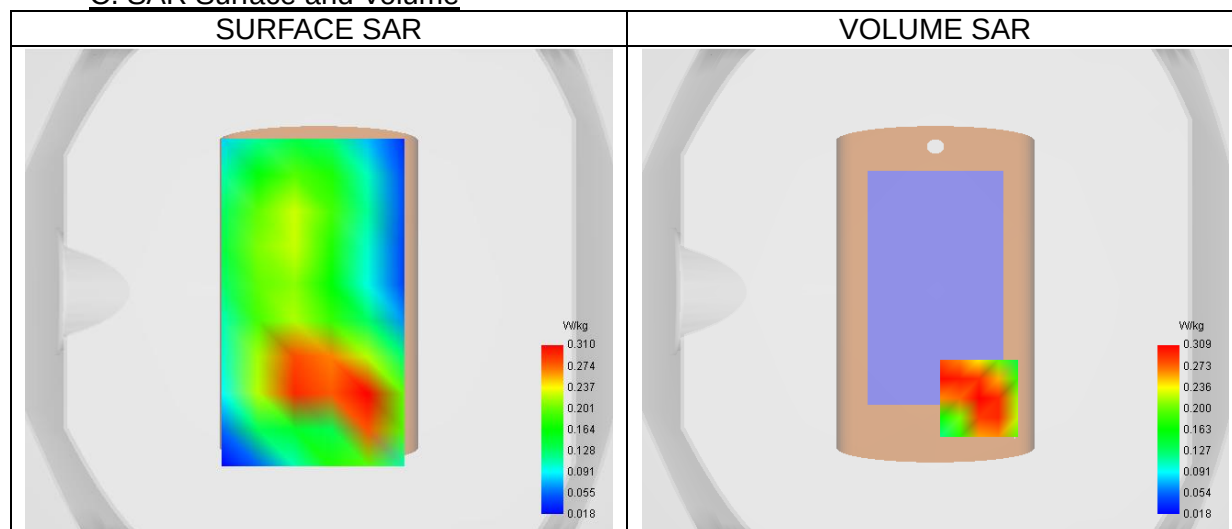
Date of measurement: 17/5/2025

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)	42.31
Relative permittivity (imaginary part)	20.06
Conductivity (S/m)	0.93

C. SAR Surface and Volume

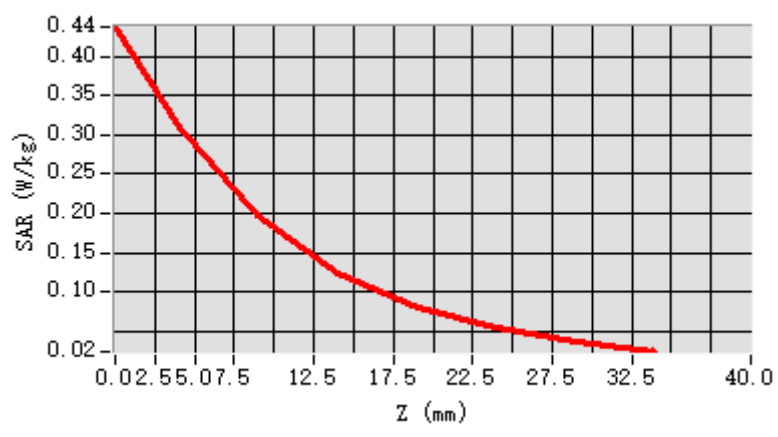
Maximum location: X=18.00, Y=-44.00 ; SAR Peak: 0.45 W/kg

D. SAR 1g & 10g

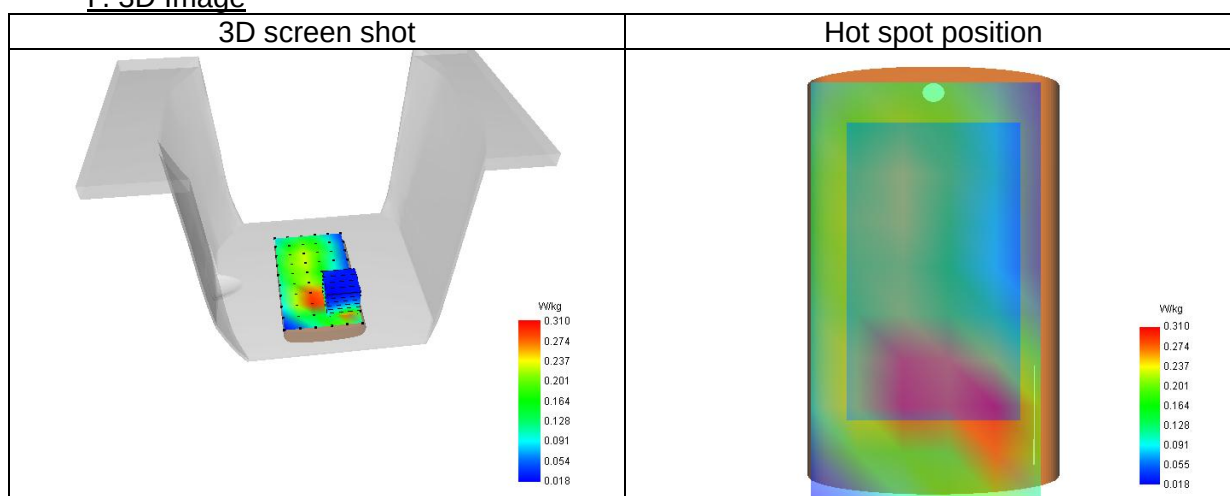
SAR 10g (W/Kg)	0.155
SAR 1g (W/Kg)	0.304
Variation (%)	0.06
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	67.68

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.437	0.309	0.197	0.124	0.080	0.054	0.036



F. 3D Image



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

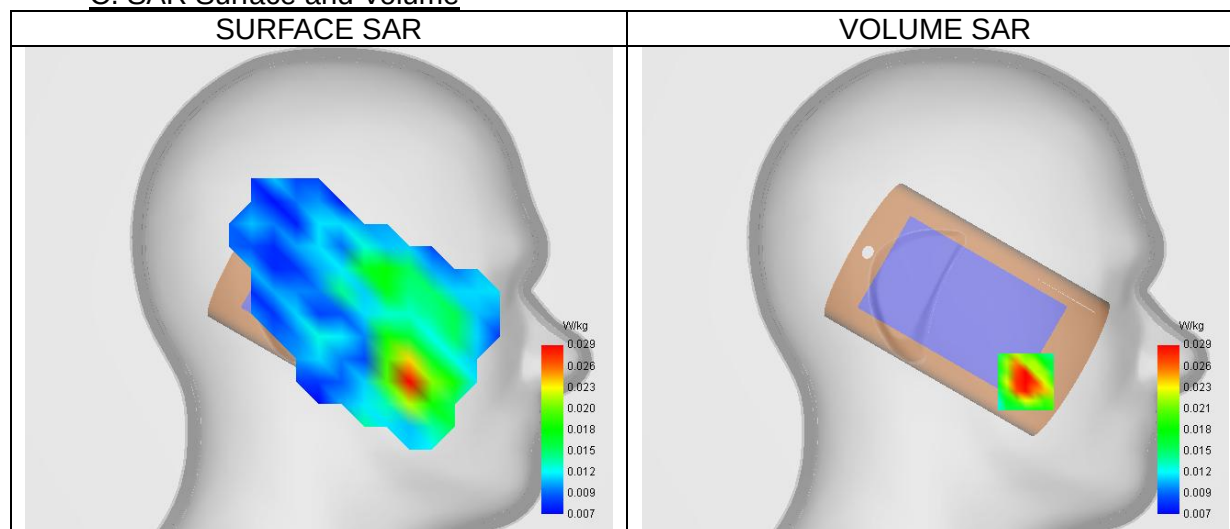
Date of measurement: 14/5/2025

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)	39.67
Relative permittivity (imaginary part)	13.28
Conductivity (S/m)	1.87

C. SAR Surface and Volume

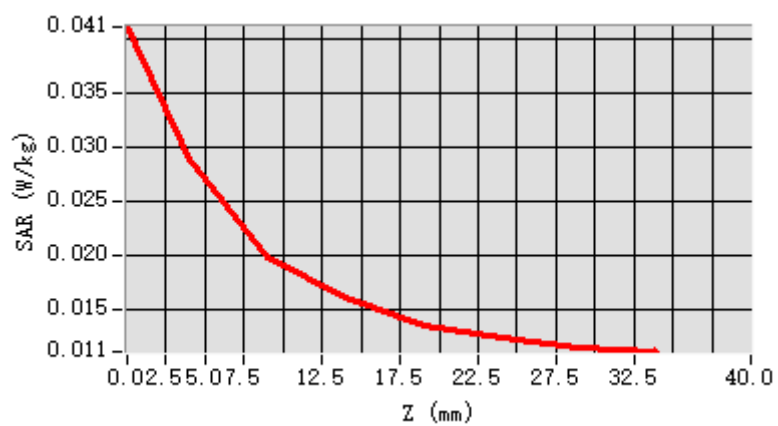
Maximum location: X=-48.00, Y=-48.00 ; SAR Peak: 0.04 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.018
SAR 1g (W/Kg)	0.027
Variation (%)	0.28
Horizontal validation criteria: minimum distance (mm)	15.81
Vertical validation criteria: SAR ratio M2/M1 (%)	72.52

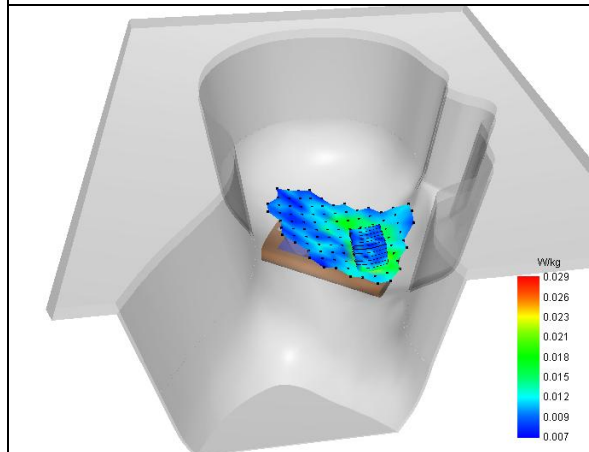
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.041	0.029	0.020	0.016	0.013	0.012	0.012

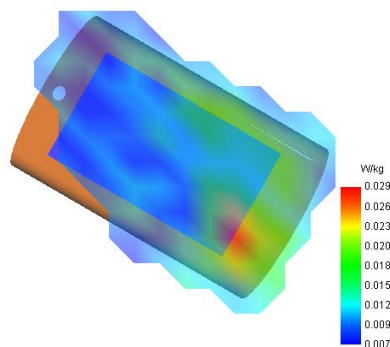


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 14/5/2025

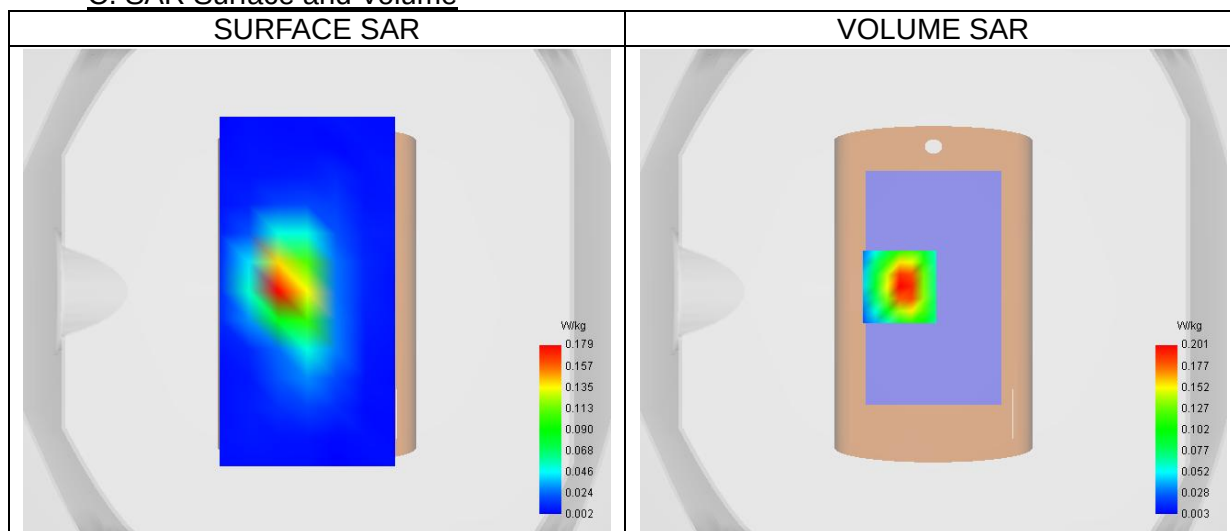
A. Experimental conditions.

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)	39.67
Relative permittivity (imaginary part)	13.28
Conductivity (S/m)	1.87

C. SAR Surface and Volume



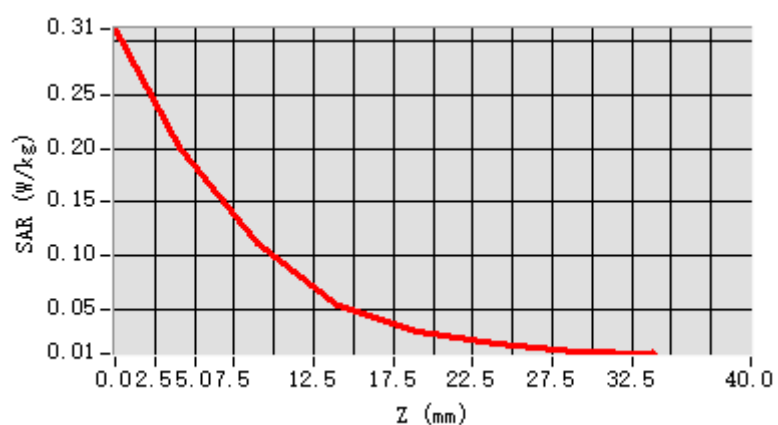
Maximum location: X=-14.00, Y=2.00 ; SAR Peak: 0.32 W/kg

D. SAR 1g & 10g

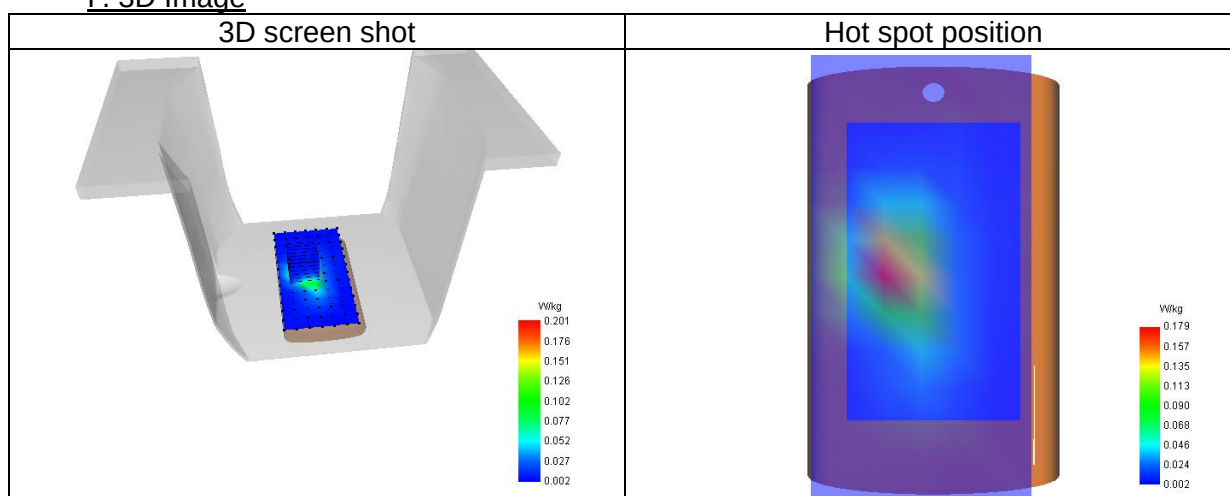
SAR 10g (W/Kg)	0.088
SAR 1g (W/Kg)	0.183
Variation (%)	-0.87
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	55.62

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.312	0.201	0.112	0.054	0.029	0.018	0.010



F. 3D Image



25# SAR Measurement at LTE band 12 (Cheek, Left)

Date of measurement: 9/5/2025

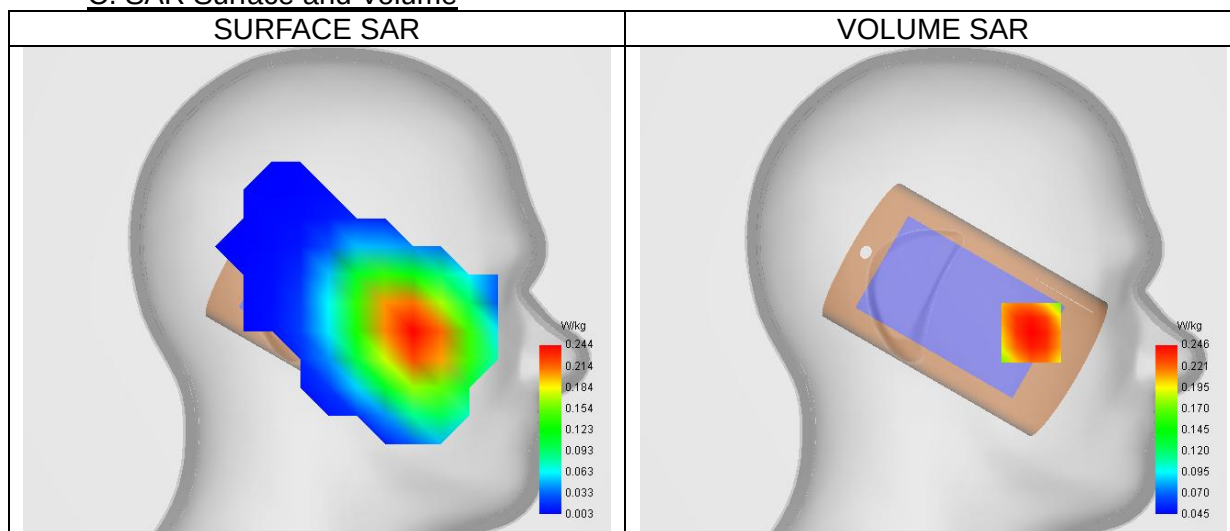
A. Experimental conditions.

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	Left head
Device Position	Cheek
Band	LTE band 12
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23095)/ frequency 707.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	707.50

B. Permittivity

Middle TX Frequency (MHz)	707.50
Relative permittivity (real part)	41.44
Relative permittivity (imaginary part)	21.69
Conductivity (S/m)	0.85

C. SAR Surface and Volume



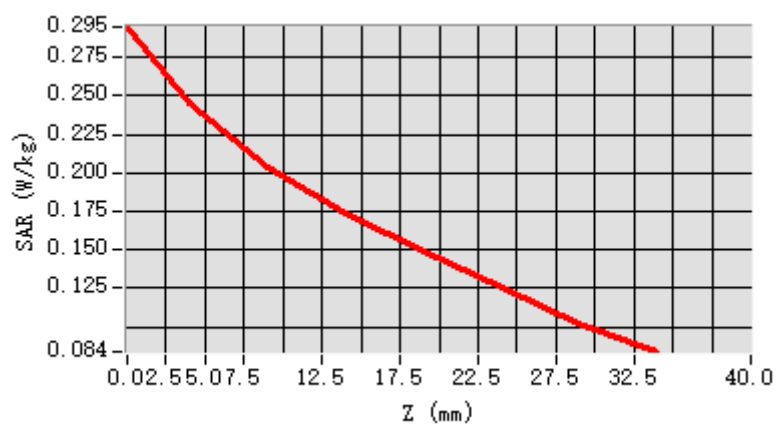
Maximum location: X=-52.00, Y=-22.00 ; SAR Peak: 0.29 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.190
SAR 1g (W/Kg)	0.241
Variation (%)	-2.50
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

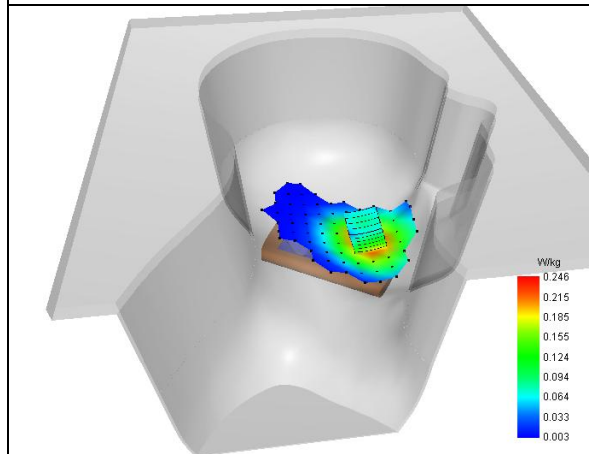
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.295	0.246	0.203	0.173	0.149	0.125	0.103

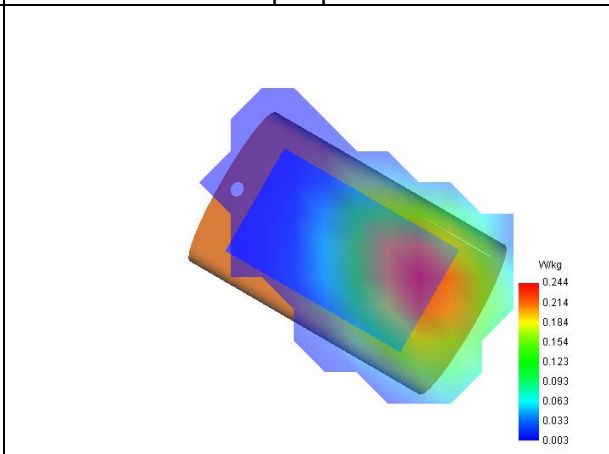


F. 3D Image

3D screen shot



Hot spot position



26# SAR Measurement at LTE band 12 (Body, Validation Plane)

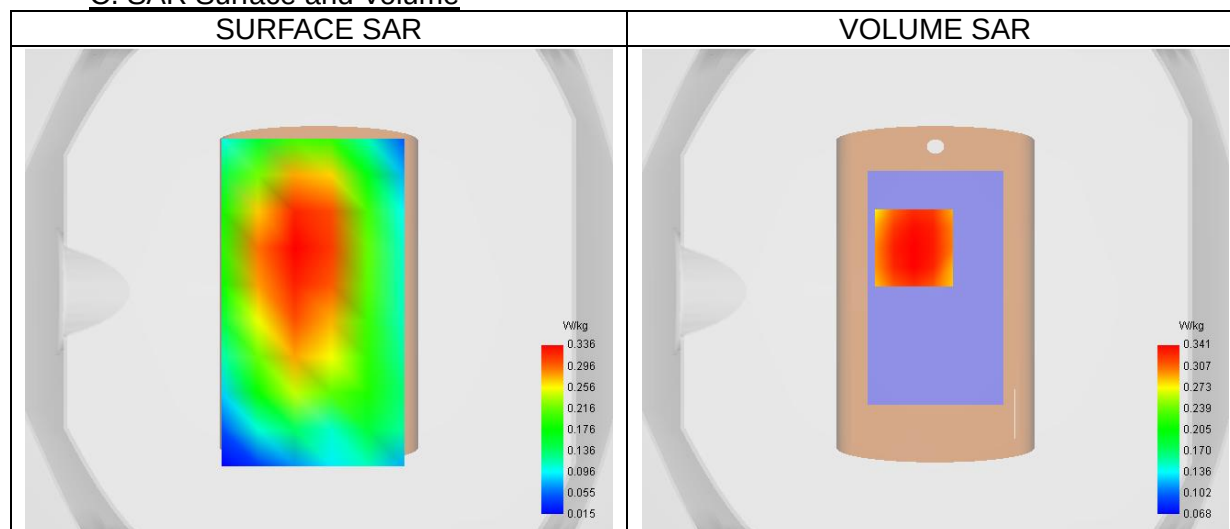
Date of measurement: 9/5/2025

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	Body
Band	LTE band 12
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23095)/ frequency 707.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	707.50

B. Permittivity

Middle TX Frequency (MHz)	707.50
Relative permittivity (real part)	41.44
Relative permittivity (imaginary part)	21.69
Conductivity (S/m)	0.85

C. SAR Surface and Volume

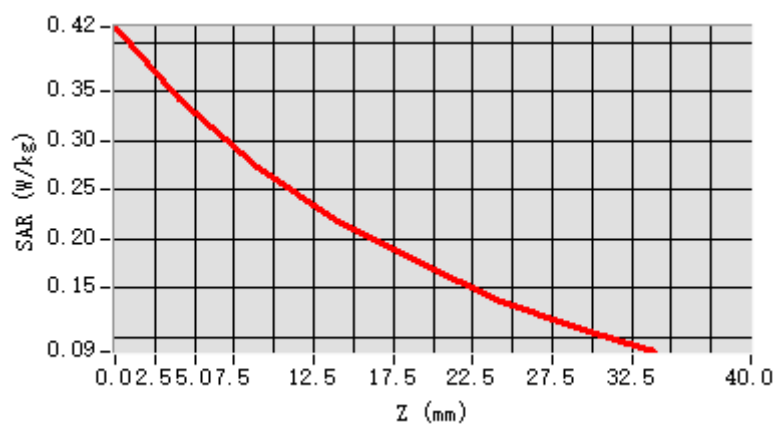
Maximum location: X=-9.00, Y=18.00 ; SAR Peak: 0.42 W/kg

D. SAR 1g & 10g

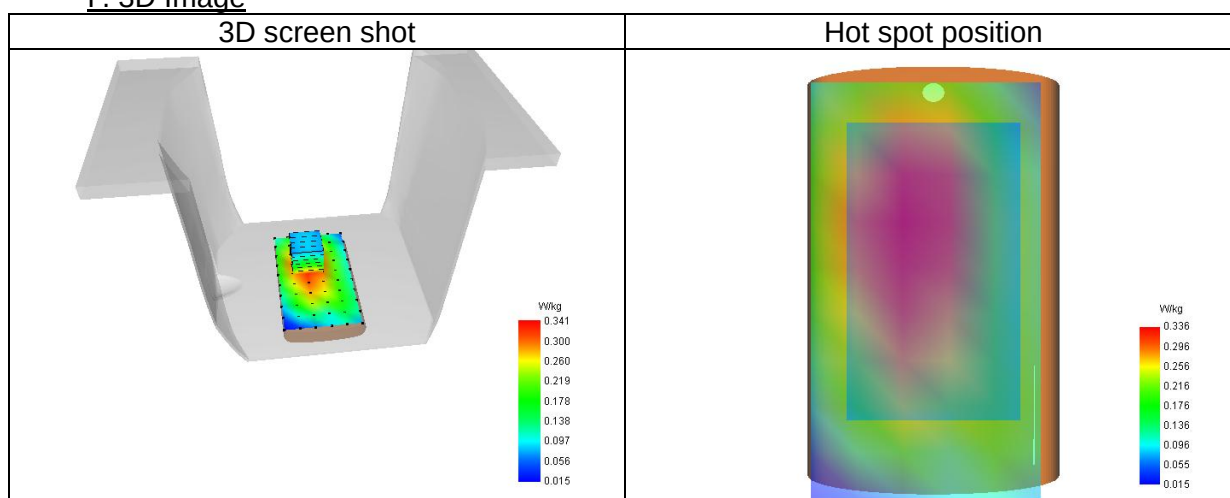
SAR 10g (W/Kg)	0.255
SAR 1g (W/Kg)	0.334
Variation (%)	-0.45
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.416	0.341	0.272	0.217	0.177	0.138	0.109



F. 3D Image



27# SAR Measurement at LTE band 17 (Cheek, Left)

Date of measurement: 9/5/2025

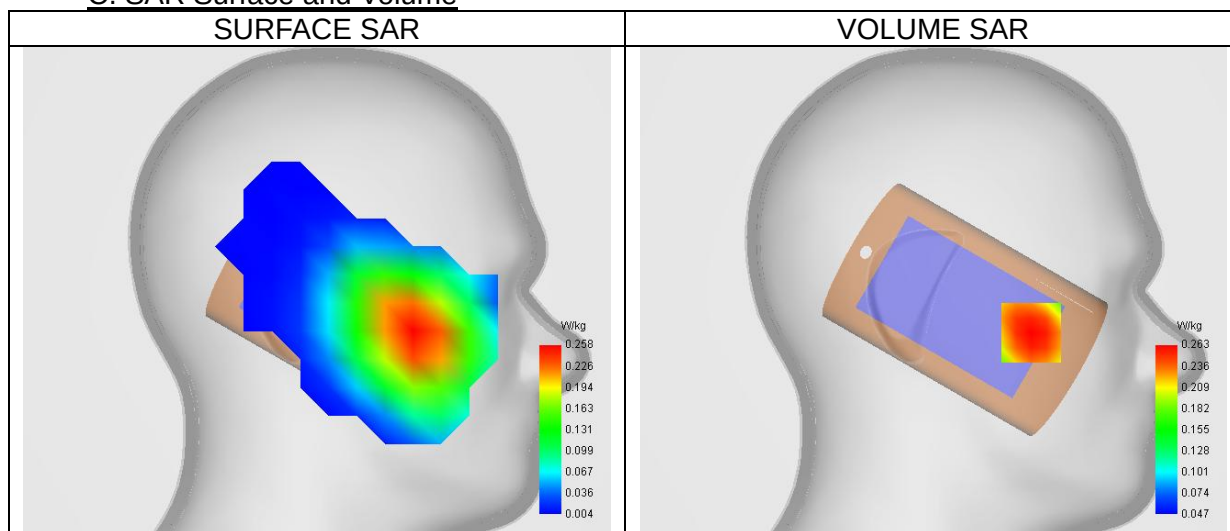
A. Experimental conditions.

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	Left head
Device Position	Cheek
Band	LTE band 17
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23790)/ frequency 710.00 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	710.00

B. Permittivity

Middle TX Frequency (MHz)	710.00
Relative permittivity (real part)	41.43
Relative permittivity (imaginary part)	21.63
Conductivity (S/m)	0.85

C. SAR Surface and Volume



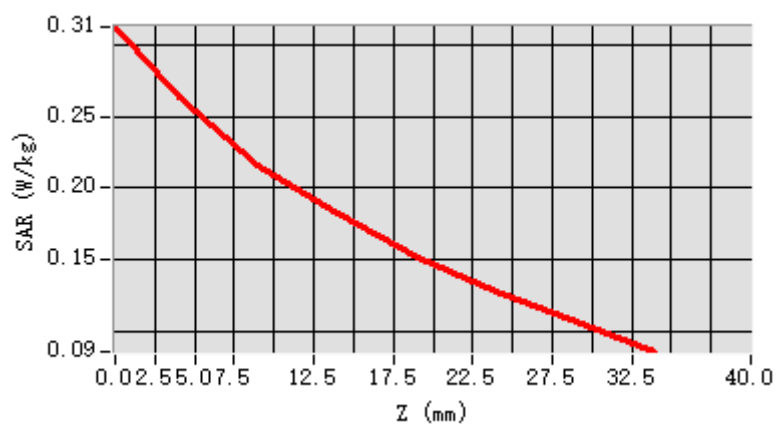
Maximum location: X=-52.00, Y=-22.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.200
SAR 1g (W/Kg)	0.256
Variation (%)	-0.70
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

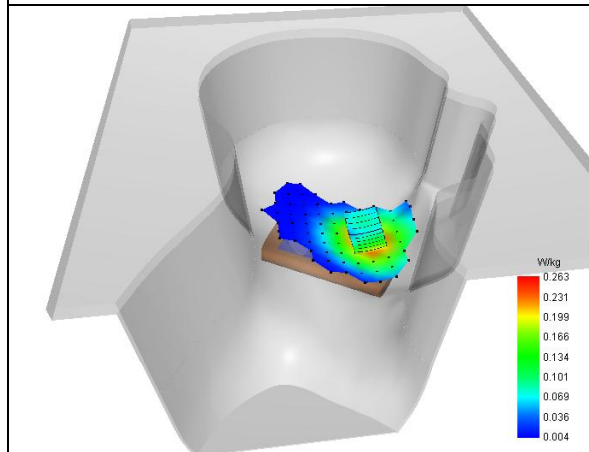
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.313	0.263	0.216	0.182	0.152	0.128	0.107

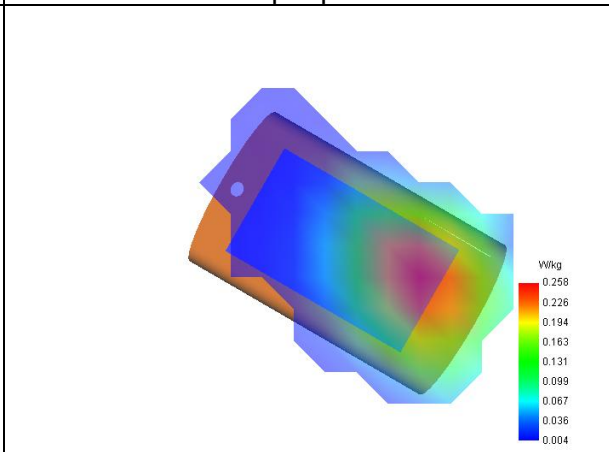


F. 3D Image

3D screen shot



Hot spot position



28# SAR Measurement at LTE band 17 (Body, Validation Plane)

Date of measurement: 9/5/2025

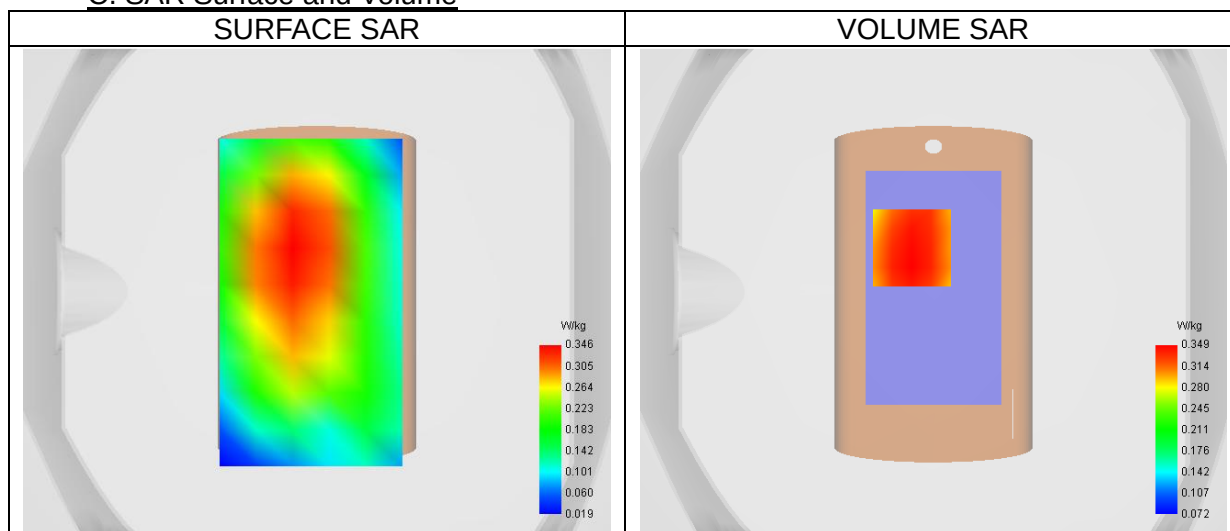
A. Experimental conditions.

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	Body
Band	LTE band 17
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23790)/ frequency 710.00 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	710.00

B. Permittivity

Middle TX Frequency (MHz)	710.00
Relative permittivity (real part)	41.43
Relative permittivity (imaginary part)	21.63
Conductivity (S/m)	0.85

C. SAR Surface and Volume



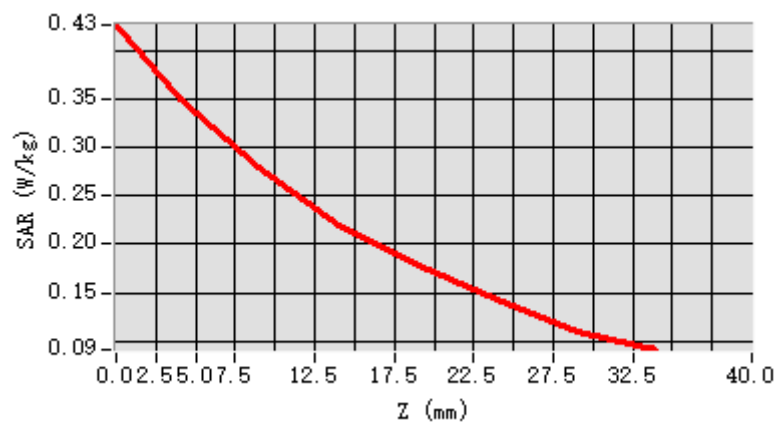
Maximum location: X=-9.00, Y=18.00 ; SAR Peak: 0.42 W/kg

D. SAR 1g & 10g

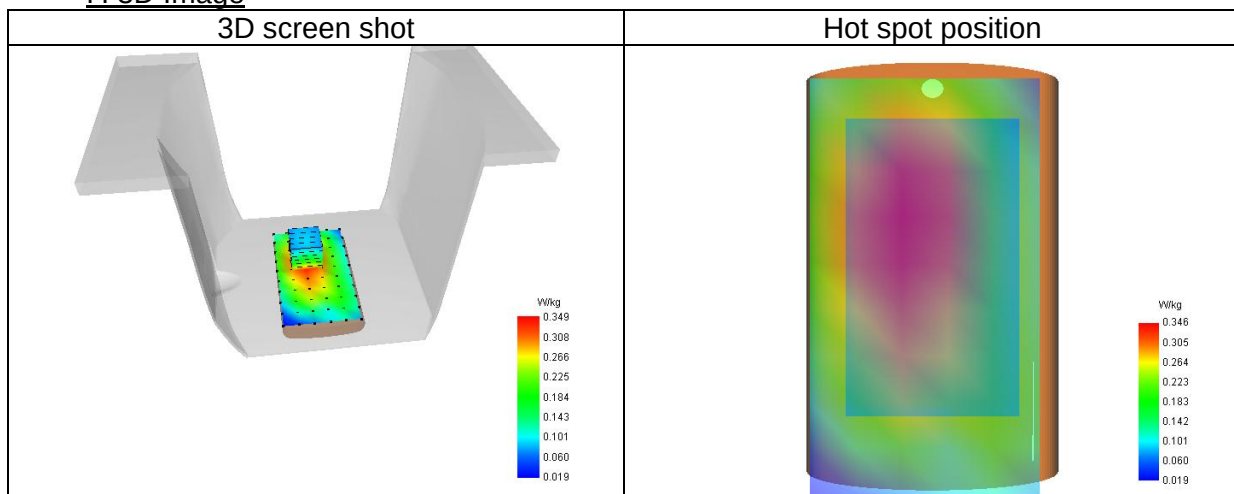
SAR 10g (W/Kg)	0.250
SAR 1g (W/Kg)	0.340
Variation (%)	-0.85
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.426	0.349	0.279	0.219	0.179	0.143	0.111



F. 3D Image



29# SAR Measurement at LTE band 25 (Cheek, Right)

Date of measurement: 10/5/2025

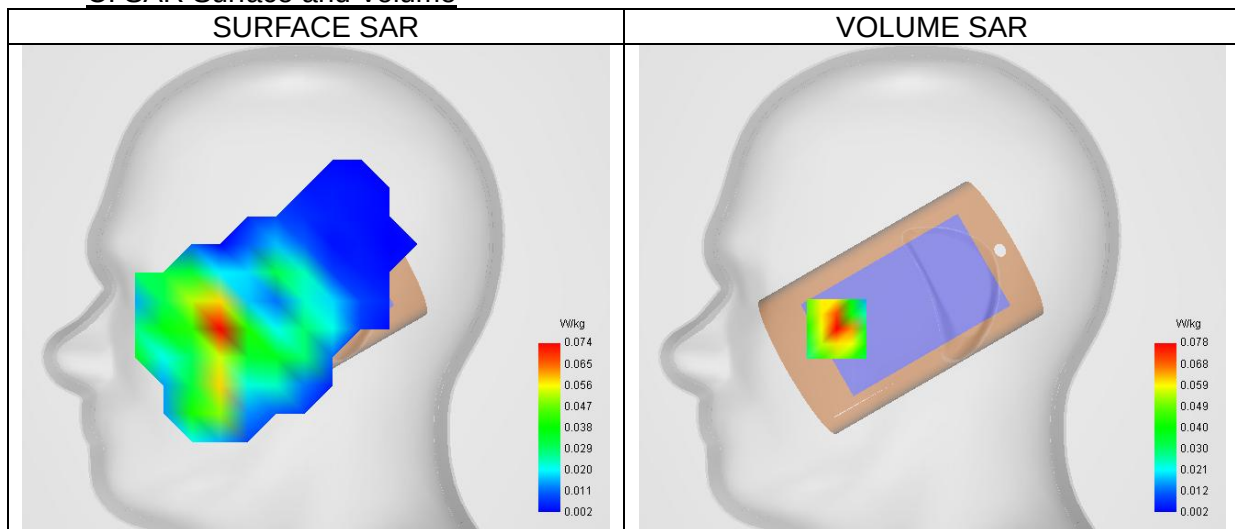
A. Experimental conditions.

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 25
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (26365)/ frequency 1882.50 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1882.50

B. Permittivity

Middle TX Frequency (MHz)	1882.50
Relative permittivity (real part)	38.50
Relative permittivity (imaginary part)	13.75
Conductivity (S/m)	1.44

C. SAR Surface and Volume



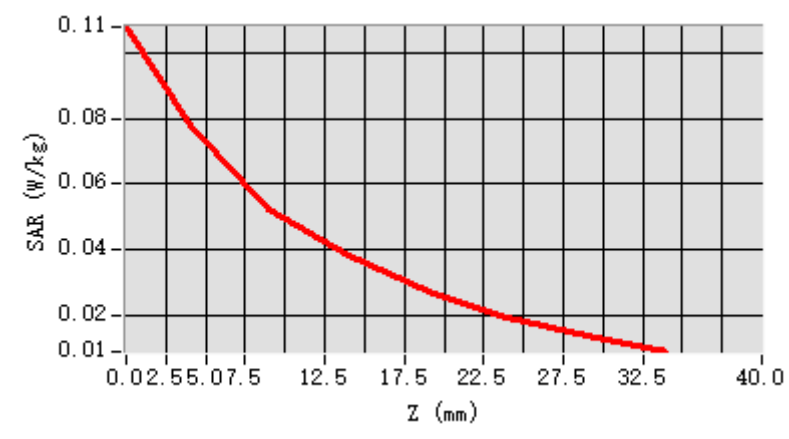
Maximum location: X=-51.00, Y=-21.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

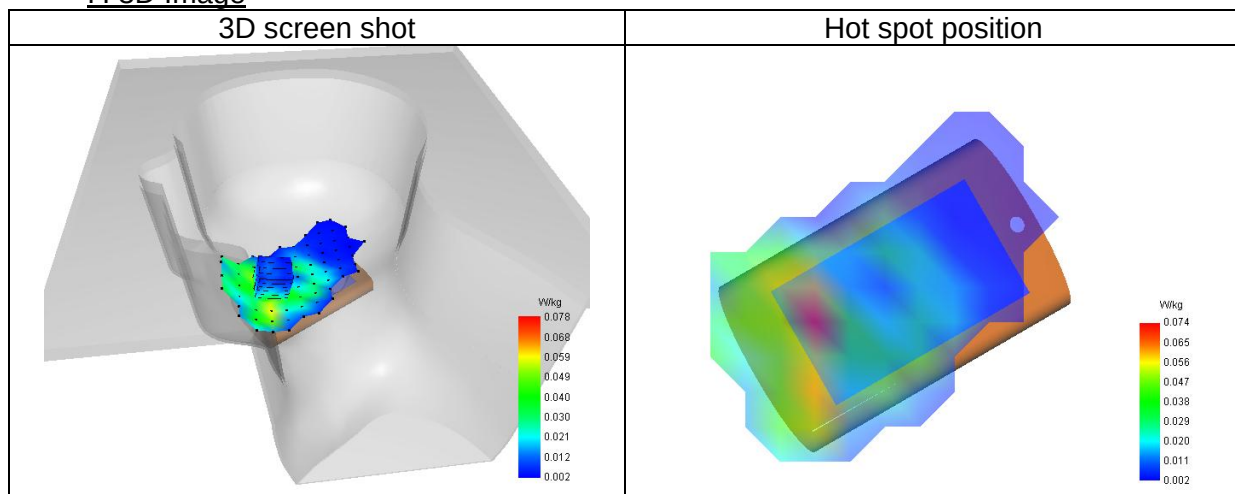
SAR 10g (W/Kg)	0.044
SAR 1g (W/Kg)	0.073
Variation (%)	3.73
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	67.56

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.108	0.078	0.052	0.038	0.027	0.020	0.014



F. 3D Image



30# SAR Measurement at LTE band 25 (Body, Validation Plane)

Date of measurement: 10/5/2025

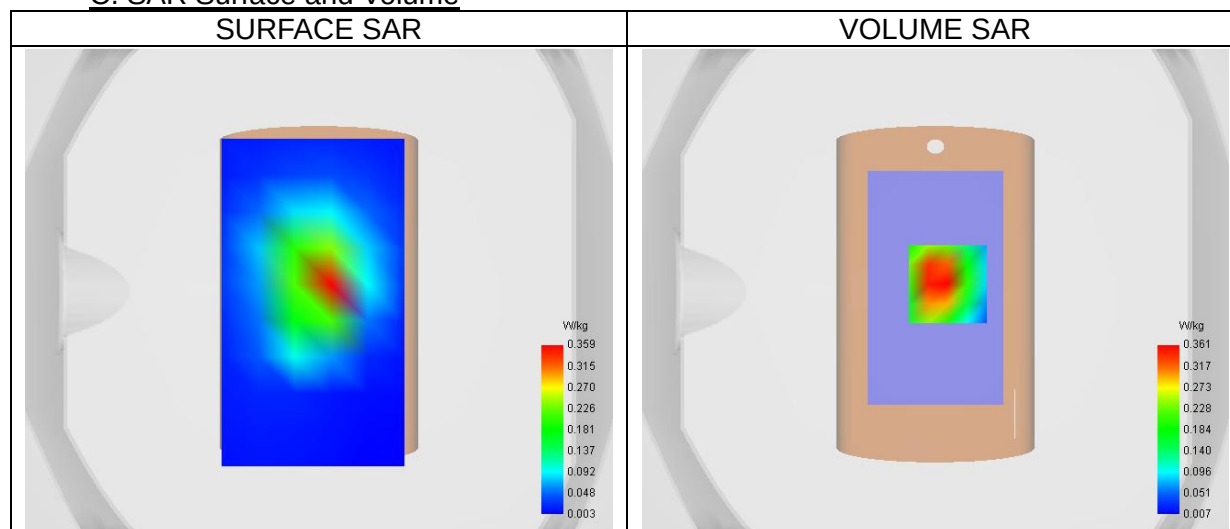
A. Experimental conditions.

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 25
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (26365)/ frequency 1882.50 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1882.50

B. Permittivity

Middle TX Frequency (MHz)	1882.50
Relative permittivity (real part)	38.50
Relative permittivity (imaginary part)	13.75
Conductivity (S/m)	1.44

C. SAR Surface and Volume



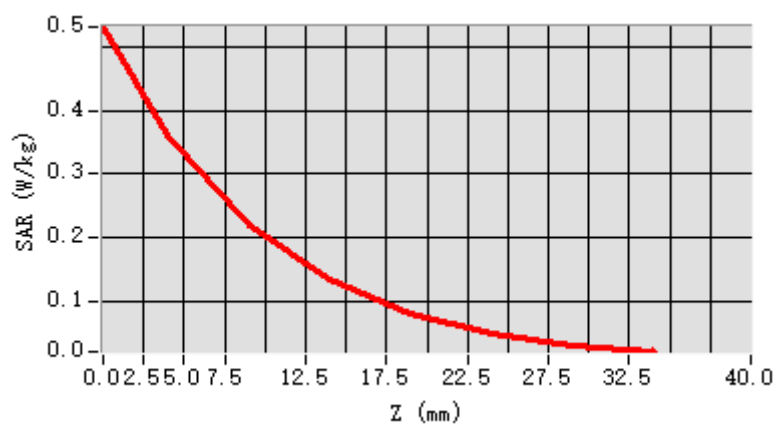
Maximum location: X=5.00, Y=3.00 ; SAR Peak: 0.57 W/kg

D. SAR 1g & 10g

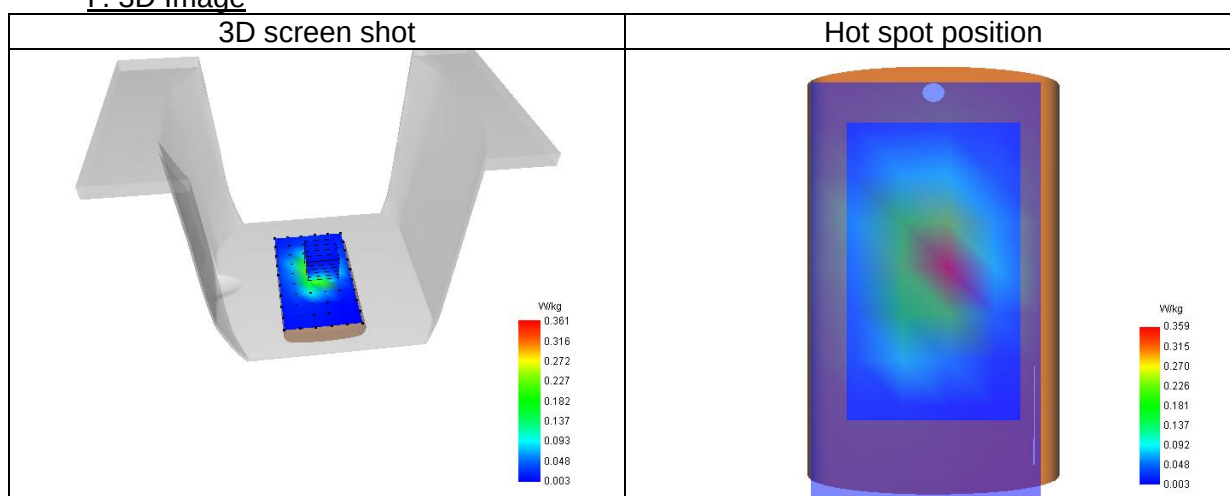
SAR 10g (W/Kg)	0.192
SAR 1g (W/Kg)	0.364
Variation (%)	-0.53
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	60.62

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.531	0.361	0.219	0.134	0.080	0.051	0.032



F. 3D Image



31# SAR Measurement at LTE band 26A (Cheek, Left)

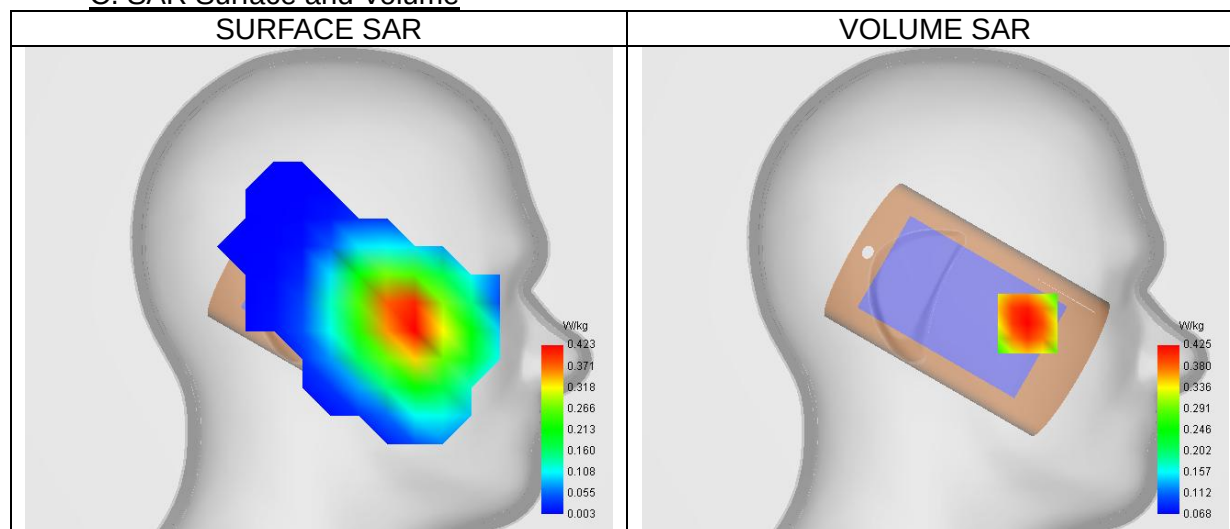
Date of measurement: 17/5/2025

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 26A
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (26740)/ frequency 819.00 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	819.00

B. Permittivity

Middle TX Frequency (MHz)	819.00
Relative permittivity (real part)	42.58
Relative permittivity (imaginary part)	20.04
Conductivity (S/m)	0.91

C. SAR Surface and Volume

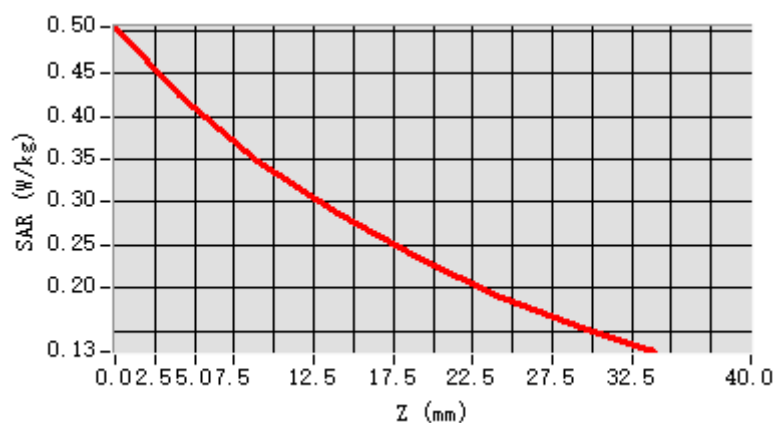
Maximum location: X=-49.00, Y=-17.00 ; SAR Peak: 0.51 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.317
SAR 1g (W/Kg)	0.415
Variation (%)	-1.95
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

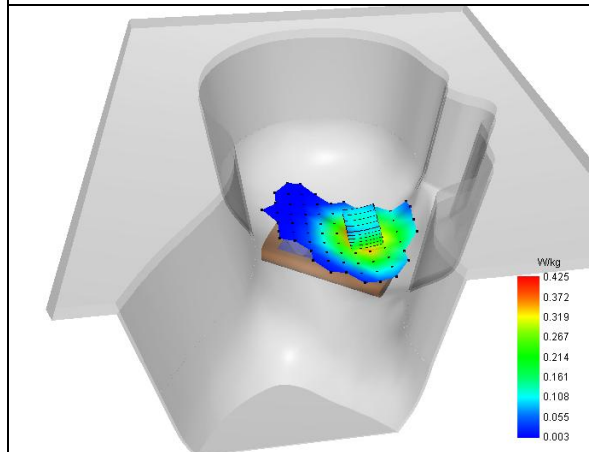
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.504	0.425	0.347	0.287	0.237	0.192	0.156

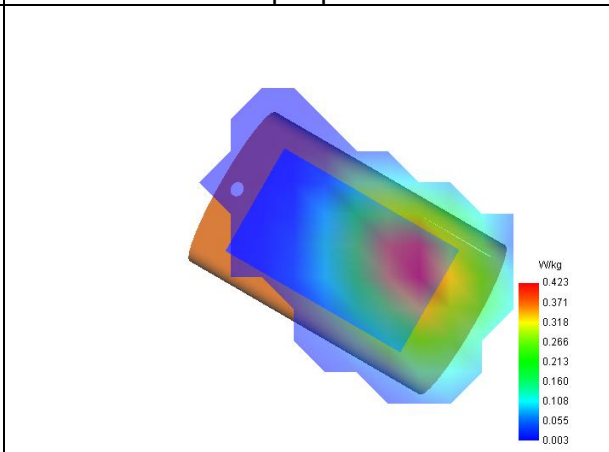


F. 3D Image

3D screen shot



Hot spot position



32# SAR Measurement at LTE band 26B (Cheek, Left)

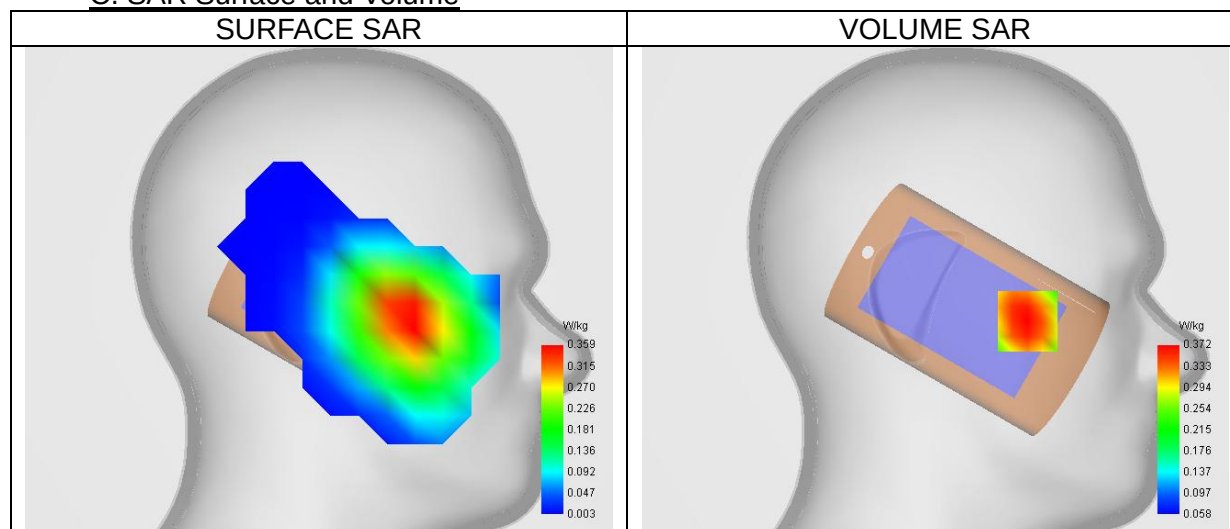
Date of measurement: 17/5/2025

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 26B
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (26865)/ frequency 831.50 Mhz
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	831.50

B. Permittivity

Middle TX Frequency (MHz)	831.50
Relative permittivity (real part)	42.36
Relative permittivity (imaginary part)	20.05
Conductivity (S/m)	0.93

C. SAR Surface and Volume

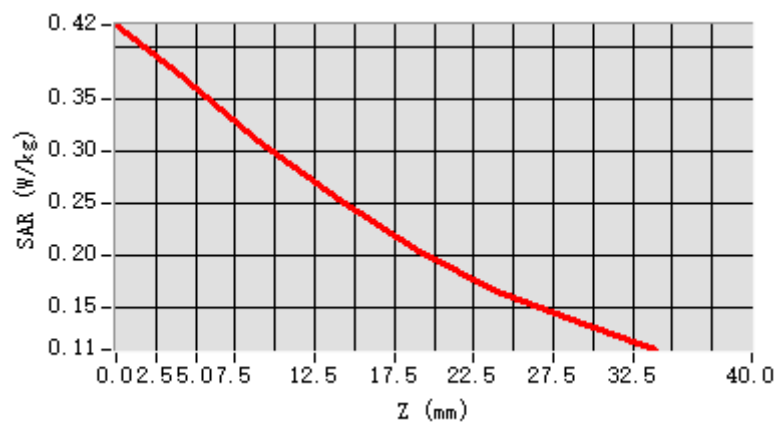
Maximum location: X=-49.00, Y=-16.00 ; SAR Peak: 0.43 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.279
SAR 1g (W/Kg)	0.364
Variation (%)	-3.30
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)	0.421	0.372	0.309	0.254	0.203	0.165	0.136



F. 3D Image

