

Bottom Side	26590/1905	20M QPSK(1,0)	0.653	0.328	-1.66	21.45	22.50	0.832	2025/1/27	
Bottom Side Repeated	26365/1882.5	20M QPSK(1,0)	0.752	0.376	-2.58	22.01	22.50	0.842	2025/1/27	
50%RB										
Front Side	26365/1882.5	20M QPSK(50,0)	0.090	0.040	2.19	20.82	21.50	0.105	2025/1/27	
Back Side	26365/1882.5	20M QPSK(50,0)	0.187	0.095	-3.38	20.82	21.50	0.219	2025/1/27	
Left Side	26365/1882.5	20M QPSK(50,0)	0.260	0.103	4.35	20.82	21.50	0.304	2025/1/27	
Right Side	26365/1882.5	20M QPSK(50,0)	0.046	0.100	-2.92	20.82	21.50	0.054	2025/1/27	
Bottom Side	26365/1882.5	20M QPSK(50,0)	0.447	0.224	1.25	20.82	21.50	0.523	2025/1/27	

NOTE: Hotspot SAR test results of LTE Band 25

9.1.13. SAR measurement Result of LTE Band 26a

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	26740/819	10M QPSK(1,24)	0.174	0.129	-0.66	23.13	23.50	0.189	2025/1/23	41#
Left Tilt 15 Degree	26740/819	10M QPSK(1,24)	0.093	0.066	1.84	23.13	23.50	0.101	2025/1/23	
Right Cheek	26740/819	10M QPSK(1,24)	0.156	0.110	-3.06	23.13	23.50	0.170	2025/1/23	
Right Tilt 15 Degree	26740/819	10M QPSK(1,24)	0.075	0.054	0.21	23.13	23.50	0.082	2025/1/23	
50%RB										
Left Cheek	26740/819	10M QPSK(25,0)	0.091	0.075	-4.95	22.21	22.50	0.097	2025/1/23	
Left Tilt 15	26740/819	10M QPSK(25,0)	0.055	0.034	2.21	22.21	22.50	0.059	2025/1/23	

Degree										
Right Cheek	26740/819	10M QPSK(25,0)	0.094	0.057	2.82	22.21	22.50	0.100	2025/1/23	
Right Tilt 15 Degree	26740/819	10M QPSK(25,0)	0.038	0.029	-3.37	22.21	22.50	0.041	2025/1/23	

NOTE: Head SAR test results of LTE Band 26a

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	26740/819	10M QPSK(1,24)	0.138	0.078	-3.05	23.13	23.50	0.150	2025/1/23	
Back Side	26740/819	10M QPSK(1,24)	0.168	0.097	-1.10	23.13	23.50	0.183	2025/1/23	
50%RB										
Front Side	26740/819	10M QPSK(25,0)	0.082	0.045	0.16	22.21	22.50	0.088	2025/1/23	
Back Side	26740/819	10M QPSK(25,0)	0.088	0.054	-1.84	22.21	22.50	0.094	2025/1/23	

NOTE: Body-Worn SAR test results of LTE Band 26a

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	26740/819	10M QPSK(1,24)	0.138	0.078	-3.05	23.13	23.50	0.150	2025/1/23	
Back Side	26740/819	10M QPSK(1,24)	0.168	0.097	-1.10	23.13	23.50	0.183	2025/1/23	
Left Side	26740/819	10M QPSK(1,24)	0.084	0.047	-2.02	23.13	23.50	0.091	2025/1/23	
Right Side	26740/819	10M QPSK(1,24)	0.322	0.189	0.32	23.13	23.50	0.351	2025/1/23	
Bottom Side	26740/819	10M QPSK(1,24)	0.420	0.246	1.63	23.13	23.50	0.457	2025/1/23	42#
50%RB										
Front	26740/819	10M	0.082	0.045	0.16	22.21	22.50	0.088	2025/1/23	

Side		QPSK(25,0)								
Back Side	26740/819	10M QPSK(25,0)	0.088	0.054	-1.84	22.21	22.50	0.094	2025/1/23	
Left Side	26740/819	10M QPSK(25,0)	0.045	0.028	2.78	22.21	22.50	0.048	2025/1/23	
Right Side	26740/819	10M QPSK(25,0)	0.195	0.114	-2.14	22.21	22.50	0.208	2025/1/23	
Bottom Side	26740/819	10M QPSK(25,0)	0.227	0.147	4.23	22.21	22.50	0.243	2025/1/23	

NOTE: Hotspot SAR test results of LTE Band 26a

9.1.14. SAR measurement Result of LTE Band 26b

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	26865/831.5	15M QPSK(1,37)	0.179	0.133	0.29	23.25	23.50	0.190	2025/1/23	43#
Left Tilt 15 Degree	26865/831.5	15M QPSK(1,37)	0.097	0.069	-0.09	23.25	23.50	0.103	2025/1/23	
Right Cheek	26865/831.5	15M QPSK(1,37)	0.155	0.115	-2.42	23.25	23.50	0.164	2025/1/23	
Right Tilt 15 Degree	26865/831.5	15M QPSK(1,37)	0.076	0.056	0.58	23.25	23.50	0.081	2025/1/23	
50%RB										
Left Cheek	26865/831.5	15M QPSK(36,37)	0.091	0.067	-3.97	22.31	22.50	0.095	2025/1/23	
Left Tilt 15 Degree	26865/831.5	15M QPSK(36,37)	0.051	0.036	0.87	22.31	22.50	0.053	2025/1/23	
Right Cheek	26865/831.5	15M QPSK(36,37)	0.092	0.062	-2.82	22.31	22.50	0.096	2025/1/23	
Right Tilt 15 Degree	26865/831.5	15M QPSK(36,37)	0.043	0.031	-0.67	22.31	22.50	0.045	2025/1/23	

NOTE: Head SAR test results of LTE Band 26b

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			(W/kg)							
			1-g	10-g						
1RB										
Front Side	26865/831.5	15M QPSK(1,37)	0.111	0.088	0.53	23.25	23.50	0.118	2025/1/23	
Back Side	26865/831.5	15M QPSK(1,37)	0.143	0.113	-2.50	23.25	23.50	0.151	2025/1/23	

50%RB										
Front Side	26865/831.5	15M QPSK(36,37)	0.060	0.045	3.85	22.31	22.50	0.063	2025/1/23	
Back Side	26865/831.5	15M QPSK(36,37)	0.080	0.067	-3.61	22.31	22.50	0.084	2025/1/23	

NOTE: Body-Worn SAR test results of LTE Band 26b

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	26865/831.5	15M QPSK(1,37)	0.111	0.088	0.53	23.25	23.50	0.118	2025/1/23	
Back Side	26865/831.5	15M QPSK(1,37)	0.143	0.113	-2.50	23.25	23.50	0.151	2025/1/23	
Left Side	26865/831.5	15M QPSK(1,37)	0.068	0.053	-0.02	23.25	23.50	0.072	2025/1/23	
Right Side	26865/831.5	15M QPSK(1,37)	0.287	0.163	2.31	23.25	23.50	0.304	2025/1/23	
Bottom Side	26865/831.5	15M QPSK(1,37)	0.394	0.228	-1.53	23.25	23.50	0.417	2025/1/23	44#
50%RB										
Front Side	26865/831.5	15M QPSK(36,37)	0.060	0.045	3.85	22.31	22.50	0.063	2025/1/23	
Back Side	26865/831.5	15M QPSK(36,37)	0.080	0.067	-3.61	22.31	22.50	0.084	2025/1/23	
Left Side	26865/831.5	15M QPSK(36,37)	0.036	0.030	-4.11	22.31	22.50	0.038	2025/1/23	
Right Side	26865/831.5	15M QPSK(36,37)	0.218	0.173	4.51	22.31	22.50	0.228	2025/1/23	
Bottom Side	26865/831.5	15M QPSK(36,37)	0.202	0.135	-3.63	22.31	22.50	0.211	2025/1/23	

NOTE: Hotspot SAR test results of LTE Band 26b

9.1.15. 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(1,0)	0.070	0.046	1.03	21.92	22.50	0.080	2025/1/25	45#
Left Tilt 15 Degree	132322/1745	20M QPSK(1,0)	0.036	0.023	3.04	21.92	22.50	0.041	2025/1/25	
Right Cheek	132322/1745	20M QPSK(1,0)	0.064	0.040	0.54	21.92	22.50	0.073	2025/1/25	
Right Tilt 15 Degree	132322/1745	20M QPSK(1,0)	0.033	0.021	0.88	21.92	22.50	0.038	2025/1/25	
50%RB										
Left Cheek	132322/1745	20M QPSK(50,0)	0.038	0.027	3.14	20.88	21.50	0.044	2025/1/25	
Left Tilt 15 Degree	132322/1745	20M QPSK(50,0)	0.019	0.013	2.98	20.88	21.50	0.022	2025/1/25	
Right Cheek	132322/1745	20M QPSK(50,0)	0.038	0.024	-0.96	20.88	21.50	0.044	2025/1/25	
Right Tilt 15 Degree	132322/1745	20M QPSK(50,0)	0.019	0.013	2.63	20.88	21.50	0.022	2025/1/25	

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(1,0)	0.164	0.092	1.10	21.92	22.50	0.187	2025/1/25	
Back Side	132322/1745	20M QPSK(1,0)	0.360	0.192	2.69	21.92	22.50	0.411	2025/1/25	
50%RB										
Front Side	132322/1745	20M QPSK(50,0)	0.095	0.049	-4.78	20.88	21.50	0.110	2025/1/25	
Back Side	132322/1745	20M QPSK(50,0)	0.192	0.100	-1.43	20.88	21.50	0.221	2025/1/25	

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(1,0)	0.164	0.092	1.10	21.92	22.50	0.187	2025/1/25	
Back Side	132322/1745	20M QPSK(1,0)	0.360	0.192	2.69	21.92	22.50	0.411	2025/1/25	
Left Side	132322/1745	20M QPSK(1,0)	0.440	0.197	-2.96	21.92	22.50	0.503	2025/1/25	
Right Side	132322/1745	20M QPSK(1,0)	0.081	0.199	2.60	21.92	22.50	0.093	2025/1/25	
Bottom Side	132322/1745	20M QPSK(1,0)	0.773	0.435	-1.72	21.92	22.50	0.883	2025/1/25	46#
Bottom Side	132072/1720	20M QPSK(1,0)	0.658	0.379	-2.54	21.36	22.50	0.856	2025/1/25	
Bottom Side	132572/1770	20M QPSK(1,0)	0.664	0.382	-1.28	21.99	22.50	0.747	2025/1/25	
Bottom Side	132322/1745	20M QPSK(1,0)	0.768	0.427	-2.63	21.92	22.50	0.878	2025/1/25	

Repeated										
50%RB										
Front Side	132322/1745	20M QPSK(50,0)	0.095	0.049	-4.78	20.88	21.50	0.110	2025/1/25	
Back Side	132322/1745	20M QPSK(50,0)	0.192	0.100	-1.43	20.88	21.50	0.221	2025/1/25	
Left Side	132322/1745	20M QPSK(50,0)	0.240	0.111	-2.29	20.88	21.50	0.277	2025/1/25	
Right Side	132322/1745	20M QPSK(50,0)	0.045	0.104	0.58	20.88	21.50	0.052	2025/1/25	
Bottom Side	132322/1745	20M QPSK(50,0)	0.419	0.220	-4.89	20.88	21.50	0.483	2025/1/25	
100%RB										
Bottom Side	132322/1745	20M QPSK(50,0)	0.324	0.187	-3.54	20.75	21.50	0.385	2025/1/25	

NOTE: Hotspot SAR test results of LTE Band 66

9.1.16. SAR measurement Result of NR 78

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	633334/3500.01	100K 30M QPSK(1,1)	0.038	0.019	0.14	24.82	25.00	0.040	2025/1/26	51#
Left Tilt 15 Degree	633334/3500.01	100K 30M QPSK(1,1)	0.021	0.010	3.55	24.82	25.00	0.022	2025/1/26	
Right Cheek	633334/3500.01	100K 30M QPSK(1,1)	0.035	0.017	-0.62	24.82	25.00	0.036	2025/1/26	
Right Tilt 15 Degree	633334/3500.01	100K 30M QPSK(1,1)	0.016	0.014	3.37	24.82	25.00	0.017	2025/1/26	
50%RB										
Left Cheek	633334/3500.01	100K 30M QPSK(1,1)	0.020	0.011	2.41	25.17	25.50	0.022	2025/1/26	
Left Tilt 15 Degree	633334/3500.01	100K 30M QPSK(1,1)	0.012	0.005	2.55	25.17	25.50	0.013	2025/1/26	
Right	633334/3500.01	100K 30M	0.021	0.009	1.41	25.17	25.50	0.023	2025/1/26	

NOTE: Head SAR test results of NR n78

NOTE: Body-Worn SAR test results of NR n78

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						
1RB										
Front Side	633334/3500.01	100K 30M QPSK(1,1)	0.123	0.056	-3.02	24.82	25.00	0.128	2025/1/26	
Back Side	633334/3500.01	100K 30M QPSK(1,1)	0.185	0.086	1.80	24.82	25.00	0.193	2025/1/26	
Left Side	633334/3500.01	100K 30M QPSK(1,1)	0.076	0.088	-0.12	24.82	25.00	0.079	2025/1/26	
Right Side	633334/3500.01	100K 30M QPSK(1,1)	0.060	0.085	-2.34	24.82	25.00	0.063	2025/1/26	
Bottom Side	633334/3500.01	100K 30M QPSK(1,1)	0.367	0.177	-0.02	24.82	25.00	0.383	2025/1/26	52#
50%RB										

Front Side	633334/3500.01	100K 30M QPSK(1,1)	0.067	0.031	-2.80	25.17	25.50	0.072	2025/1/26	
Back Side	633334/3500.01	100K 30M QPSK(1,1)	0.103	0.046	-4.77	25.17	25.50	0.111	2025/1/26	
Left Side	633334/3500.01	100K 30M QPSK(1,1)	0.045	0.048	-4.01	25.17	25.50	0.049	2025/1/26	
Right Side	633334/3500.01	100K 30M QPSK(1,1)	0.032	0.051	-0.27	25.17	25.50	0.035	2025/1/26	
Bottom Side	633334/3500.01	100K 30M QPSK(1,1)	0.210	0.089	-4.06	25.17	25.50	0.227	2025/1/26	

NOTE: Hotspot SAR test results of NR n78

Test Position of Hotspot with 0mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 10g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Bottom Side	633334/3500.01	100K 30M QPSK(1,1)	0.754	0.329	-1.69	24.82	25.00	0.343	2025/1/4	54#

NOTE: Extremity SAR test results of NR n78

9.1.17. SAR measurement Result of WLAN2.4G

Ant 1

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	0.122	0.065	0.19	14.64	15.00	0.133	2025/1/01	23#
Left Tilt 15 Degree	6/2437	802.11b	0.071	0.037	-3.54	14.64	15.00	0.077	2025/1/01	
Right Cheek	6/2437	802.11b	0.113	0.059	1.86	14.64	15.00	0.123	2025/1/01	
Right Tilt 15 Degree	6/2437	802.11b	0.054	0.029	-1.57	14.64	15.00	0.059	2025/1/01	

NOTE: Head SAR test results of WLAN2.4G Ant 1

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	0.032	0.015	2.29	14.64	15.00	0.035	2025/1/01	
Back Side	6/2437	802.11b	0.090	0.044	3.97	14.64	15.00	0.098	2025/1/01	

NOTE: Body-worn SAR test results of WLAN2.4G Ant 1

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.032	0.015	2.29	14.64	15.00	0.035	2025/1/01	
Back Side	6/2437	802.11b	0.090	0.044	3.97	14.64	15.00	0.098	2025/1/01	
Right Side	6/2437	802.11b	0.150	0.073	3.29	14.64	15.00	0.163	2025/1/01	#28
Top Side	6/2437	802.11b	0.131	0.068	-4.08	14.64	15.00	0.142	2025/1/01	

NOTE: Hotspot SAR test results of WLAN2.4G Ant 1

Ant 2

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	0.017	0.013	-0.87	16.15	16.50	0.018	2025/1/01	24#
Left Tilt 15 Degree	6/2437	802.11b	0.009	0.007	3.13	16.15	16.50	0.010	2025/1/01	
Right Cheek	6/2437	802.11b	0.015	0.013	-0.49	16.15	16.50	0.016	2025/1/01	
Right Tilt 15 Degree	6/2437	802.11b	0.008	0.006	2.41	16.15	16.50	0.009	2025/1/01	

NOTE: Head SAR test results of WLAN2.4G Ant 2

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	0.008	0.006	-2.61	16.15	16.50	0.009	2025/1/01	
Back Side	6/2437	802.11b	0.042	0.022	-3.00	16.15	16.50	0.046	2025/1/01	

NOTE: Body-worn SAR test results of WLAN2.4G Ant 2

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.008	0.006	-2.61	16.15	16.50	0.009	2025/1/01	
Back Side	6/2437	802.11b	0.042	0.022	-3.00	16.15	16.50	0.046	2025/1/01	
Right Side	6/2437	802.11b	0.066	0.036	0.00	16.15	16.50	0.072	2025/1/01	26#
Top Side	6/2437	802.11b	0.008	0.006	-3.60	16.15	16.50	0.009	2025/1/01	

NOTE: Hotspot SAR test results of WLAN2.4G Ant 2

MIMO

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	802.11n HT40	0.155	0.063	-2.53	14.02	14.50	0.173	2025/1/01	25#
Left Tilt 15 Degree	6/2437	802.11n HT40	0.084	0.033	-1.16	14.02	14.50	0.094	2025/1/01	
Right Cheek	6/2437	802.11n HT40	0.138	0.054	-0.27	14.02	14.50	0.154	2025/1/01	
Right Tilt 15 Degree	6/2437	802.11n HT40	0.066	0.027	3.51	14.02	14.50	0.074	2025/1/01	

NOTE: Head SAR test results of WLAN2.4G MIMO

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	802.11n HT40	0.010	0.008	-3.77	14.02	14.50	0.011	2025/1/01	
Back Side	6/2437	802.11n	0.114	0.056	3.43	14.02	14.50	0.127	2025/1/01	

		HT40								
--	--	------	--	--	--	--	--	--	--	--

NOTE: Body-worn SAR test results of WLAN2.4G MIMO

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11n HT40	0.010	0.008	-3.77	14.02	14.50	0.011	2025/1/01	
Back Side	6/2437	802.11n HT40	0.114	0.056	3.43	14.02	14.50	0.127	2025/1/01	
Right Side	6/2437	802.11n HT40	0.151	0.075	-2.10	14.02	14.50	0.169	2025/1/01	27#
Top Side	6/2437	802.11n HT40	0.016	0.014	1.36	14.02	14.50	0.018	2025/1/01	

NOTE: Hotspot SAR test results of WLAN2.4G MIMO

9.1.18. SAR measurement Result of WLAN5.2G

Ant 1

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	38/5910	802.11ac VHT40	0.110	0.067	1.44	11.51	12.00	0.123	2025/1/29	11#
Left Tilt 15 Degree	38/5910	802.11ac VHT40	0.062	0.037	-3.08	11.51	12.00	0.069	2025/1/29	
Right Cheek	38/5910	802.11ac VHT40	0.094	0.054	-0.87	11.51	12.00	0.105	2025/1/29	
Right Tilt 15 Degree	38/5910	802.11ac VHT40	0.046	0.027	2.87	11.51	12.00	0.051	2025/1/29	

NOTE: Head SAR test results of WLAN5.2G Ant 1

Test Position of	Test channel	Mode	SAR Value (W/kg)	Power Drift(%)	Conducted Power	Tune-up Power	Scaled SAR	Date	Plot
------------------	--------------	------	------------------	----------------	-----------------	---------------	------------	------	------

Body-Worn with 10mm	/Freq.		1-g	10-g		(dBm)	(dBm)	1-g (W/Kg)		
Front Side	38/5910	802.11ac VHT40	0.054	0.025	-2.00	11.51	12.00	0.060	2025/1/29	
Back Side	38/5910	802.11ac VHT40	0.100	0.046	0.51	11.51	12.00	0.112	2025/1/29	

NOTE: Body-worn SAR test results of WLAN5.2G Ant 1

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	38/5910	802.11ac VHT40	0.054	0.025	-2.00	11.51	12.00	0.060	2025/1/29	
Back Side	38/5910	802.11ac VHT40	0.100	0.046	0.51	11.51	12.00	0.112	2025/1/29	
Right Side	38/5910	802.11ac VHT40	0.243	0.116	0.66	11.51	12.00	0.272	2025/1/29	21#
Top Side	38/5910	802.11ac VHT40	0.154	0.070	2.49	11.51	12.00	0.172	2025/1/29	

NOTE: Hotspot SAR test results of WLAN5.2G Ant 1

Ant 2

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	46/5230	802.11n HT40	0.075	0.057	-4.27	7.99	8.00	0.075	2025/3/16	13#
Left Tilt 15 Degree	46/5230	802.11n HT40	0.041	0.031	0.46	7.99	8.00	0.041	2025/3/16	
Right Cheek	46/5230	802.11n HT40	0.070	0.052	3.51	7.99	8.00	0.070	2025/3/16	
Right Tilt 15 Degree	46/5230	802.11n HT40	0.032	0.023	-0.23	7.99	8.00	0.032	2025/3/16	

NOTE: Head SAR test results of WLAN5.2G Ant 2

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	46/5230	802.11n HT40	0.062	0.030	-1.73	7.99	8.00	0.062	2025/3/16	
Back Side	46/5230	802.11n HT40	0.120	0.055	0.55	7.99	8.00	0.120	2025/3/16	

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

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	46/5230	802.11n HT40	0.062	0.030	-1.73	7.99	8.00	0.062	2025/3/16	
Back Side	46/5230	802.11n HT40	0.120	0.055	0.55	7.99	8.00	0.120	2025/3/16	
Right Side	46/5230	802.11n HT40	0.275	0.132	0.62	7.99	8.00	0.276	2025/3/16	17#
Top Side	46/5230	802.11n HT40	0.176	0.083	2.84	7.99	8.00	0.176	2025/3/16	

NOTE: Hotspot SAR test results of WLAN5.2G Ant 2

MIMO

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	46/5230	802.11n HT40	0.146	0.077	0.62	12.71	13.00	0.156	2025/3/16	15#
Left Tilt 15 Degree	46/5230	802.11n HT40	0.086	0.045	3.26	12.71	13.00	0.092	2025/3/16	
Right Cheek	46/5230	802.11n HT40	0.138	0.071	-0.34	12.71	13.00	0.148	2025/3/16	
Right	46/5230	802.11n	0.075	0.039	-2.76	12.71	13.00	0.080	2025/3/16	

Tilt 15 Degree		HT40								
-------------------	--	------	--	--	--	--	--	--	--	--

NOTE: Head SAR test results of WLAN5.2G Ant 1

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	46/5230	802.11n HT40	0.136	0.056	-0.21	12.71	13.00	0.145	2025/3/16	
Back Side	46/5230	802.11n HT40	0.264	0.111	-2.21	12.71	13.00	0.282	2025/3/16	

NOTE: Body-worn SAR test results of WLAN5.2G Ant 1

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	46/5230	802.11n HT40	0.136	0.056	-0.21	12.71	13.00	0.145	2025/3/16	
Back Side	46/5230	802.11n HT40	0.264	0.111	-2.21	12.71	13.00	0.282	2025/3/16	
Right Side	46/5230	802.11n HT40	0.646	0.279	0.66	12.71	13.00	0.691	2025/3/16	19#
Top Side	46/5230	802.11n HT40	0.363	0.151	1.21	12.71	13.00	0.388	2025/3/16	

NOTE: Hotspot SAR test results of WLAN5.2G Ant 1

9.1.19. SAR measurement Result of WLAN5.8G

Ant 1

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	151/5755	802.11n HT40	0.362	0.166	-4.39	11.77	12.00	0.382	2025/1/30	12#
Left Tilt	151/5755	802.11n	0.211	0.096	2.18	11.77	12.00	0.222	2025/1/30	

15 Degree		HT40								
Right Cheek	151/5755	802.11n HT40	0.324	0.141	-1.85	11.77	12.00	0.342	2025/1/30	
Right Tilt 15 Degree	151/5755	802.11n HT40	0.178	0.078	-3.63	11.77	12.00	0.188	2025/1/30	

NOTE: Head SAR test results of WLAN5.8G Ant 1

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	151/5755	802.11n HT40	0.126	0.052	-2.20	11.77	12.00	0.133	2025/1/30	
Back Side	151/5755	802.11n HT40	0.264	0.106	1.60	11.77	12.00	0.278	2025/1/30	

NOTE: Body-worn SAR test results of WLAN5.8G Ant 1

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	151/5755	802.11n HT40	0.126	0.052	-2.20	11.77	12.00	0.133	2025/1/30	
Back Side	151/5755	802.11n HT40	0.264	0.106	1.60	11.77	12.00	0.278	2025/1/30	
Right Side	151/5755	802.11n HT40	0.617	0.262	1.20	11.77	12.00	0.651	2025/1/30	22#
Top Side	151/5755	802.11n HT40	0.358	0.146	2.24	11.77	12.00	0.377	2025/1/30	

NOTE: Hotspot SAR test results of WLAN5.8G Ant 1

Ant 2

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	165/5825	802.11a	0.157	0.103	-3.49	12.15	12.50	0.170	2025/3/17	14#
Left Tilt 15 Degree	165/5825	802.11a	0.087	0.056	3.61	12.15	12.50	0.094	2025/3/17	
Right Cheek	165/5825	802.11a	0.141	0.090	-1.85	12.15	12.50	0.153	2025/3/17	
Right Tilt 15 Degree	165/5825	802.11a	0.066	0.042	1.68	12.15	12.50	0.072	2025/3/17	

NOTE: Head SAR test results of WLAN5.8G Ant 2

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	165/5825	802.11a	0.116	0.050	-2.26	12.15	12.50	0.126	2025/3/17	
Back Side	165/5825	802.11a	0.232	0.104	-0.66	12.15	12.50	0.251	2025/3/17	

NOTE: Body-worn SAR test results of WLAN5.8G Ant 2

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	165/5825	802.11a	0.116	0.050	-2.26	12.15	12.50	0.126	2025/3/17	
Back Side	165/5825	802.11a	0.232	0.104	-0.66	12.15	12.50	0.251	2025/3/17	
Right Side	165/5825	802.11a	0.563	0.254	-0.16	12.15	12.50	0.610	2025/3/17	18#
Top Side	165/5825	802.11a	0.336	0.149	-2.47	12.15	12.50	0.364	2025/3/17	

NOTE: Hotspot SAR test results of WLAN5.8G Ant 2

MIMO

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

								(W/Kg)		
Left Cheek	157/5785	802.11ac VHT20	0.282	0.154	-3.70	12.63	13.50	0.345	2025/3/17	16#
Left Tilt 15 Degree	157/5785	802.11ac VHT20	0.143	0.078	3.42	12.63	13.50	0.175	2025/3/17	
Right Cheek	157/5785	802.11ac VHT20	0.252	0.136	-2.37	12.63	13.50	0.308	2025/3/17	
Right Tilt 15 Degree	157/5785	802.11ac VHT20	0.123	0.064	1.40	12.63	13.50	0.150	2025/3/17	

NOTE: Head SAR test results of WLAN5.8G MIMO

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	157/5785	802.11ac VHT20	0.128	0.058	-0.54	12.63	13.50	0.156	2025/3/17	
Back Side	157/5785	802.11ac VHT20	0.252	0.114	-3.62	12.63	13.50	0.308	2025/3/17	

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

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	157/5785	802.11ac VHT20	0.128	0.058	-0.54	12.63	13.50	0.156	2025/3/17	
Back Side	157/5785	802.11ac VHT20	0.252	0.114	-3.62	12.63	13.50	0.308	2025/3/17	
Right Side	157/5785	802.11ac VHT20	0.628	0.298	0.52	12.63	13.50	0.767	2025/3/17	20#
Top Side	157/5785	802.11ac VHT20	0.352	0.162	3.08	12.63	13.50	0.430	2025/3/17	

NOTE: Hotspot SAR test results of WLAN5.8G MIMO

9.2. 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	0.319	0.173	0.492	N/A	N/A
	Left Tilt 15 Degree	0.173	0.094	0.267	N/A	N/A
	Right Cheek	0.296	0.154	0.450	N/A	N/A
	Right Tilt 15 Degree	0.143	0.074	0.217	N/A	N/A
Body-Worn	Front Side	0.205	0.035	0.240	N/A	N/A
	Back Side	0.475	0.127	0.602	N/A	N/A
Hotspot	Front Side	0.205	0.035	0.240	N/A	N/A
	Back Side	0.475	0.127	0.602	N/A	N/A
	Left Side	0.578	N/A	0.578	N/A	N/A
	Right Side	0.415	0.169	0.584	N/A	N/A
	Top Side	N/A	0.142	0.142	N/A	N/A
	Bottom Side	0.883	N/A	0.883	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.319	0.382	0.701	N/A	N/A
	Left Tilt 15 Degree	0.173	0.222	0.395	N/A	N/A
	Right Cheek	0.296	0.342	0.638	N/A	N/A
	Right Tilt 15 Degree	0.143	0.188	0.331	N/A	N/A

Body-Worn	Front Side	0.205	0.156	0.361	N/A	N/A
	Back Side	0.475	0.308	0.783	N/A	N/A
Hotspot	Front Side	0.205	0.156	0.361	N/A	N/A
	Back Side	0.475	0.308	0.783	N/A	N/A
	Left Side	0.578	N/A	0.578	N/A	N/A
	Right Side	0.415	0.767	1.182	N/A	N/A
	Top Side	N/A	0.430	0.430	N/A	N/A
	Bottom Side	0.883	N/A	0.883	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.319	0.134	0.453	N/A	N/A
	Left Tilt 15 Degree	0.173	0.072	0.245	N/A	N/A
	Right Cheek	0.296	0.121	0.417	N/A	N/A
	Right Tilt 15 Degree	0.143	0.063	0.206	N/A	N/A
Body-Worn	Front Side	0.205	0.013	0.218	N/A	N/A
	Back Side	0.475	0.028	0.503	N/A	N/A
Hotspot	Front Side	0.205	0.013	0.218	N/A	N/A
	Back Side	0.475	0.028	0.503	N/A	N/A
	Left Side	0.578	N/A	0.578	N/A	N/A
	Right Side	0.415	0.045	0.460	N/A	N/A
	Top Side	N/A	0.034	0.034	N/A	N/A
	Bottom Side	0.883	N/A	0.883	N/A	N/A

NSA

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		LTE Band2+NR n78	WIFI/BT			
Head	Left Cheek	0.083	0.382	0.465	N/A	N/A
	Left Tilt 15 Degree	0.045	0.222	0.267	N/A	N/A

	Right Cheek	0.074	0.342	0.416	N/A	N/A
	Right Tilt 15 Degree	0.037	0.188	0.225	N/A	N/A
Body-Worn	Front Side	0.295	0.156	0.451	N/A	N/A
	Back Side	0.586	0.308	0.894	N/A	N/A
Hotspot	Front Side	0.295	0.156	0.451	N/A	N/A
	Back Side	0.586	0.308	0.894	N/A	N/A
	Left Side	0.546	N/A	0.546	N/A	N/A
	Right Side	0.148	0.767	0.915	N/A	N/A
	Top Side	N/A	0.430	0.430	N/A	N/A
	Bottom Side	1.205	N/A	1.205	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 10-g SAR (W/Kg)	SPLSR	Remark
		LTE Band2	NR 78			
Extremity	Back Side	0.808	0.343	1.151	N/A	N/A

10. Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

11. 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 - 835MHz
MEASUREMENT 4 System Performance Check - 1800MHz
MEASUREMENT 5 System Performance Check - 1800MHz
MEASUREMENT 6 System Performance Check - 1900MHz
MEASUREMENT 7 System Performance Check - 1900MHz
MEASUREMENT 8 System Performance Check - 2450MHz
MEASUREMENT 9 System Performance Check - 2600MHz
MEASUREMENT 10 System Performance Check - 3500MHz
MEASUREMENT 11 System Performance Check - 5200MHz
MEASUREMENT 12 System Performance Check - 5200MHz
MEASUREMENT 13 System Performance Check - 5800MHz
MEASUREMENT 14 System Performance Check - 5800MHz

MEASUREMENT 1

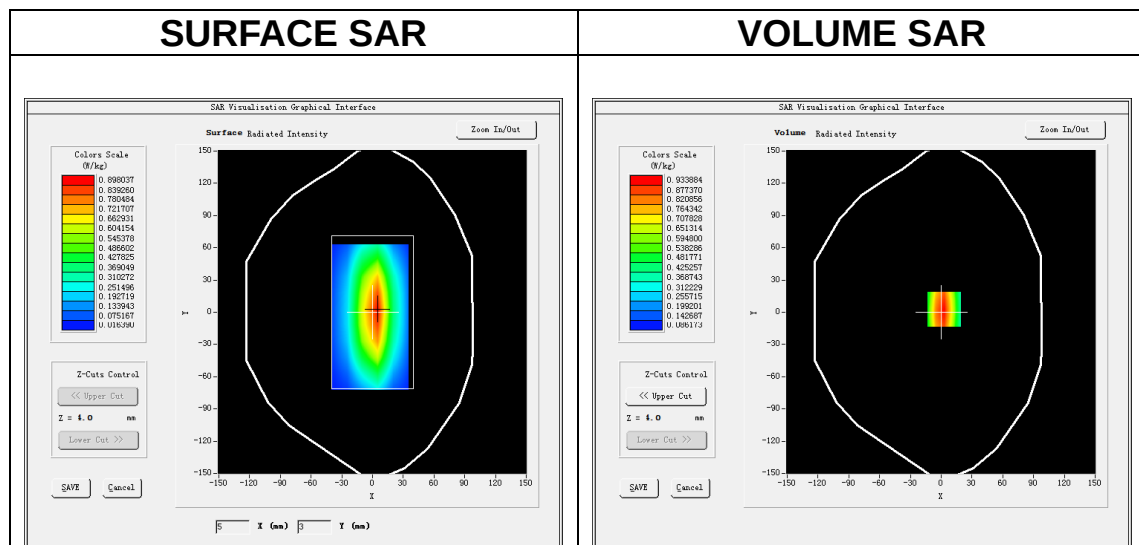
Date of measurement: 21/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW750</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.42</u>

B. SAR Measurement Results

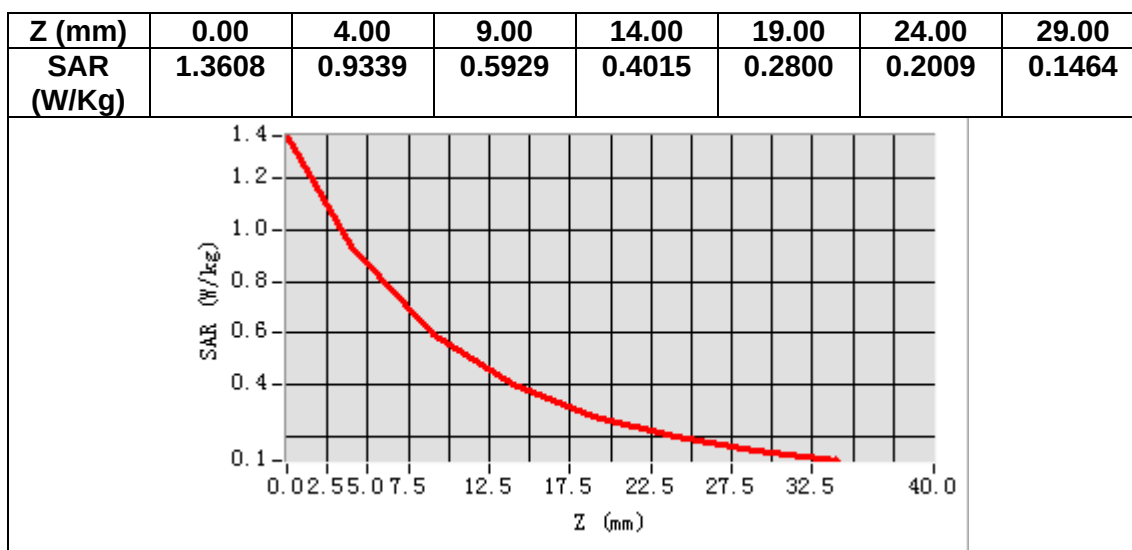
Frequency (MHz)	750.000000
Relative permittivity (real part)	40.854329
Relative permittivity (imaginary part)	21.611639
Conductivity (S/m)	0.900485
Variation (%)	-0.220000



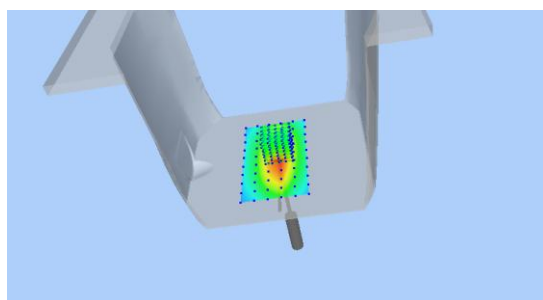
Maximum location: X=3.00, Y=3.00

SAR Peak: 1.36 W/kg

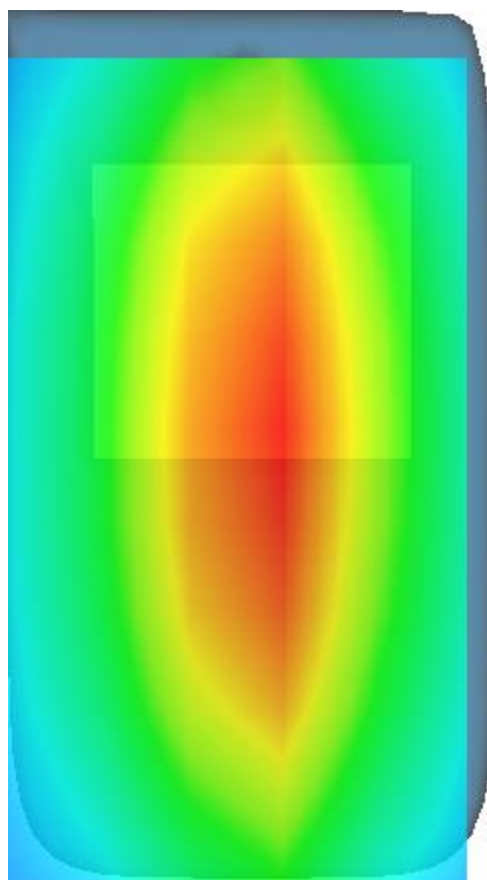
SAR 10g (W/Kg)	0.554122
SAR 1g (W/Kg)	0.906005



3D screen shot



Hot spot position



MEASUREMENT 2

Date of measurement: 22/1/2025

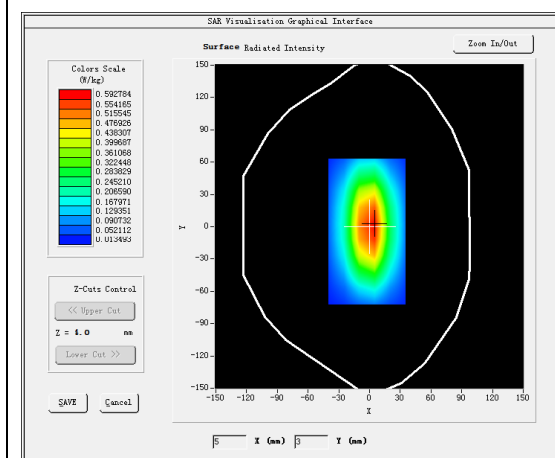
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW835</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.34</u>

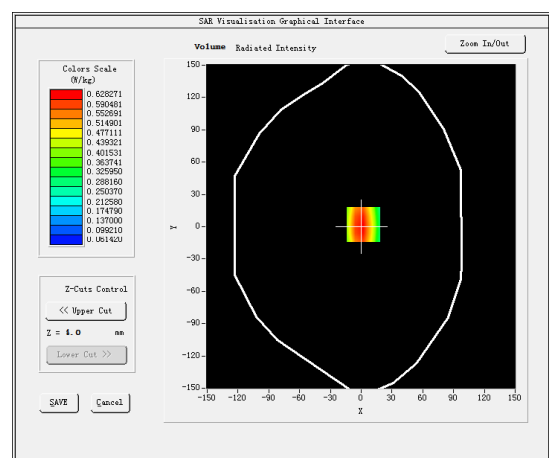
B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative permittivity (real part)	41.909373
Relative permittivity (imaginary part)	19.655866
Conductivity (S/m)	0.911814
Variation (%)	-0.270000

SURFACE SAR



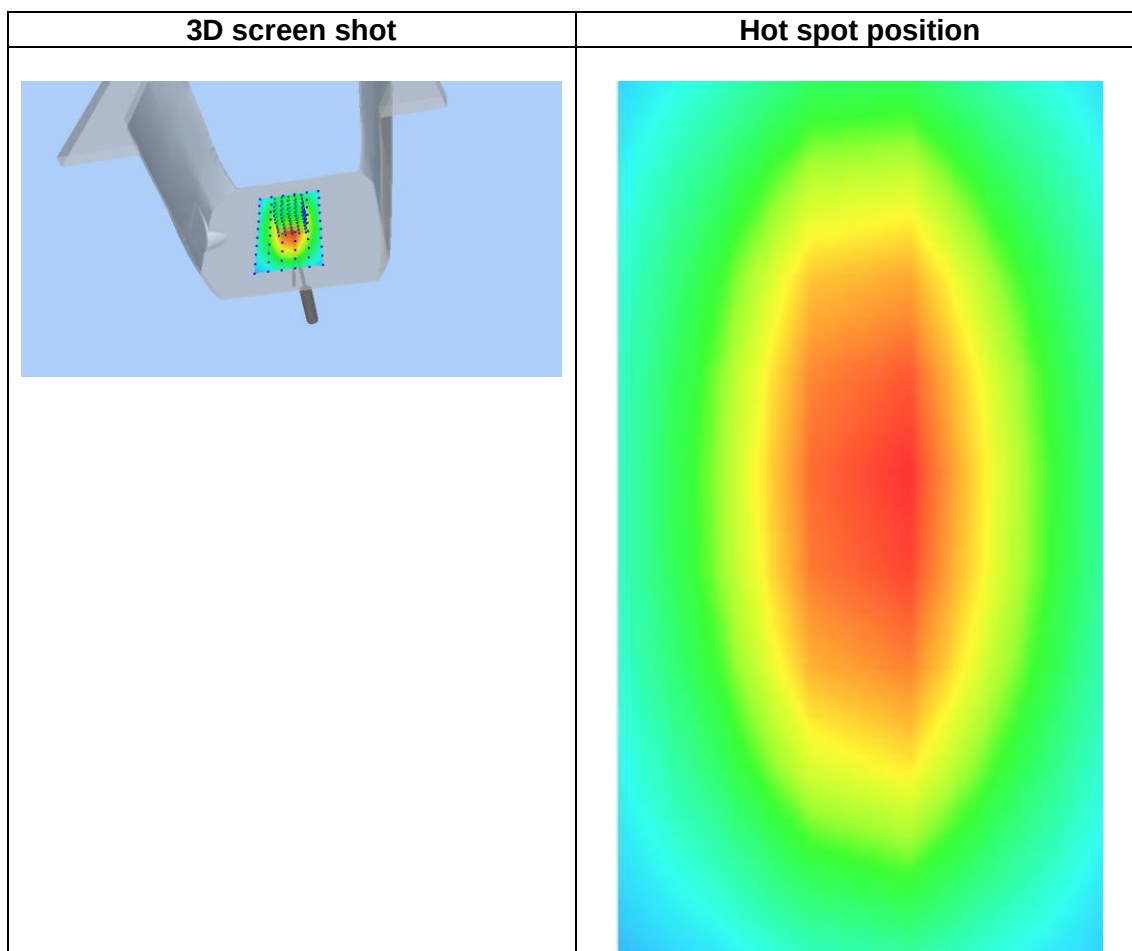
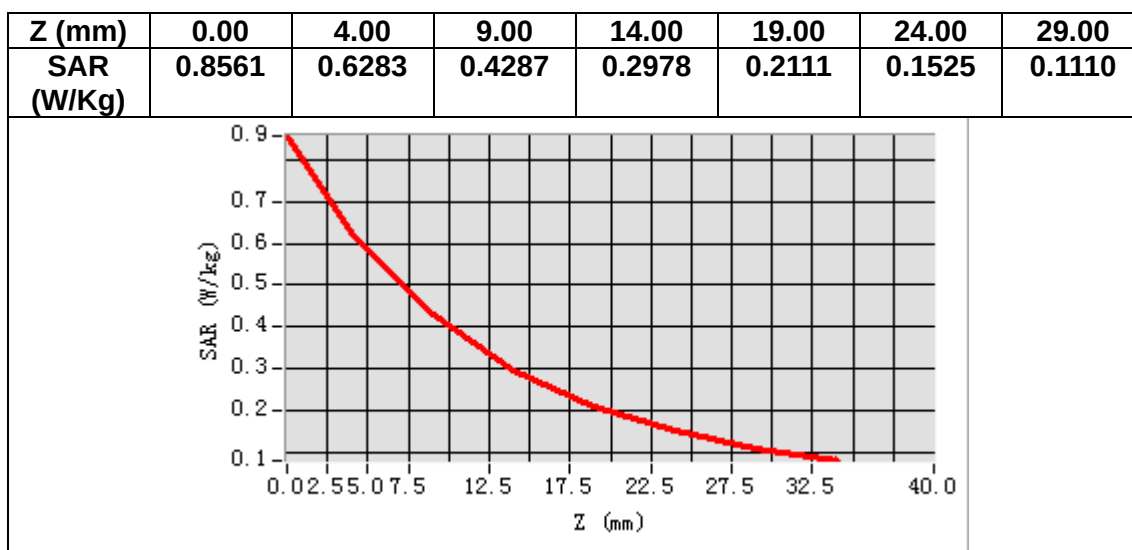
VOLUME SAR



Maximum location: X=2.00, Y=2.00

SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.397083
SAR 1g (W/Kg)	0.615621



MEASUREMENT 3

Date of measurement: 23/1/2025

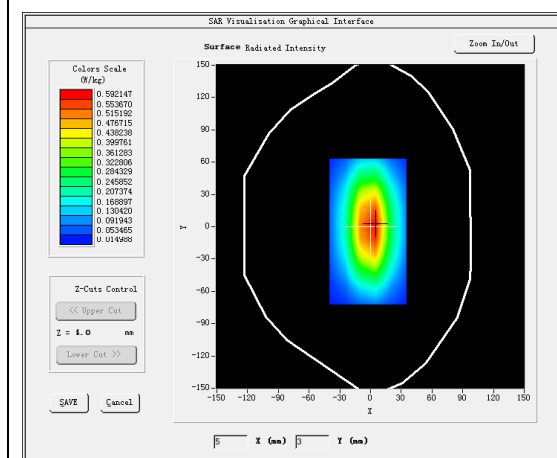
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW835</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.34</u>

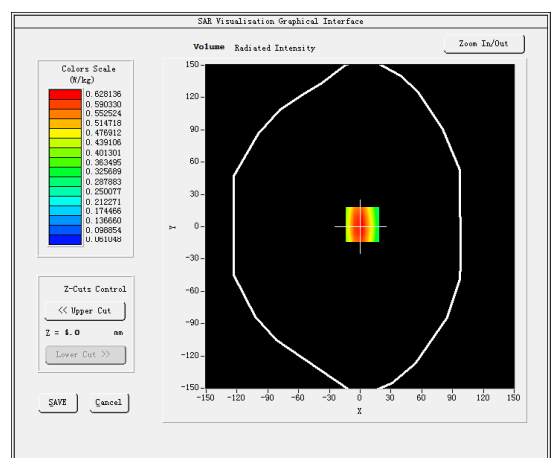
B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative permittivity (real part)	42.219610
Relative permittivity (imaginary part)	19.947147
Conductivity (S/m)	0.925326
Variation (%)	-0.180000

SURFACE SAR



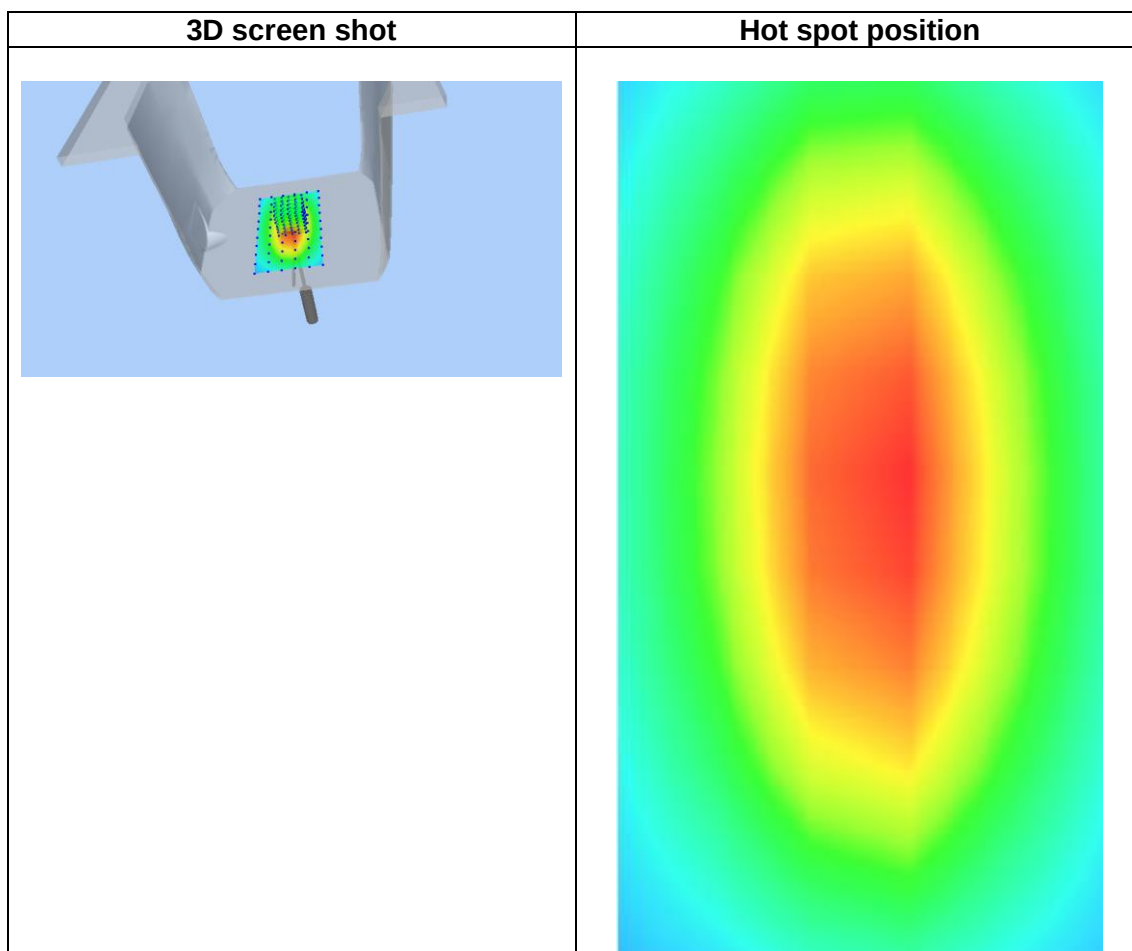
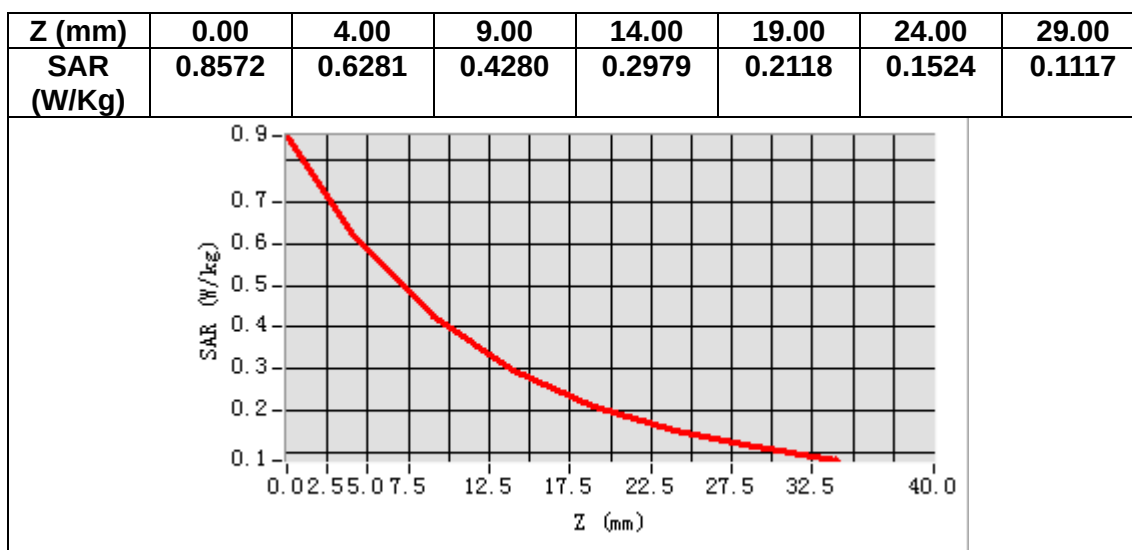
VOLUME SAR



Maximum location: X=2.00, Y=2.00

SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.397013
SAR 1g (W/Kg)	0.614794



MEASUREMENT 4

Date of measurement: 24/1/2025

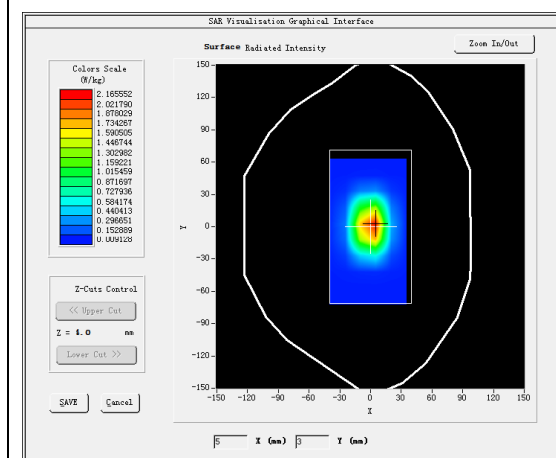
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.51</u>

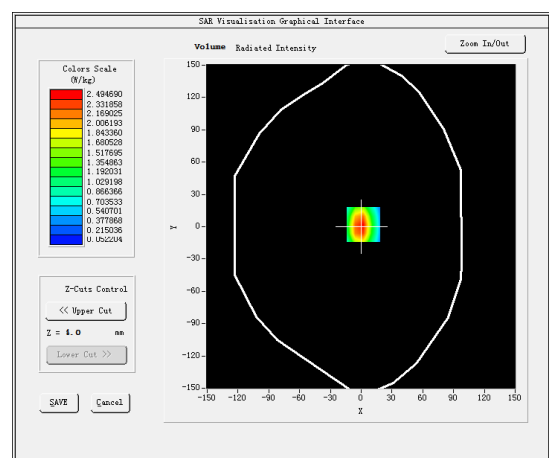
B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.427551
Relative permittivity (imaginary part)	13.976098
Conductivity (S/m)	1.397610
Variation (%)	-0.010000

SURFACE SAR



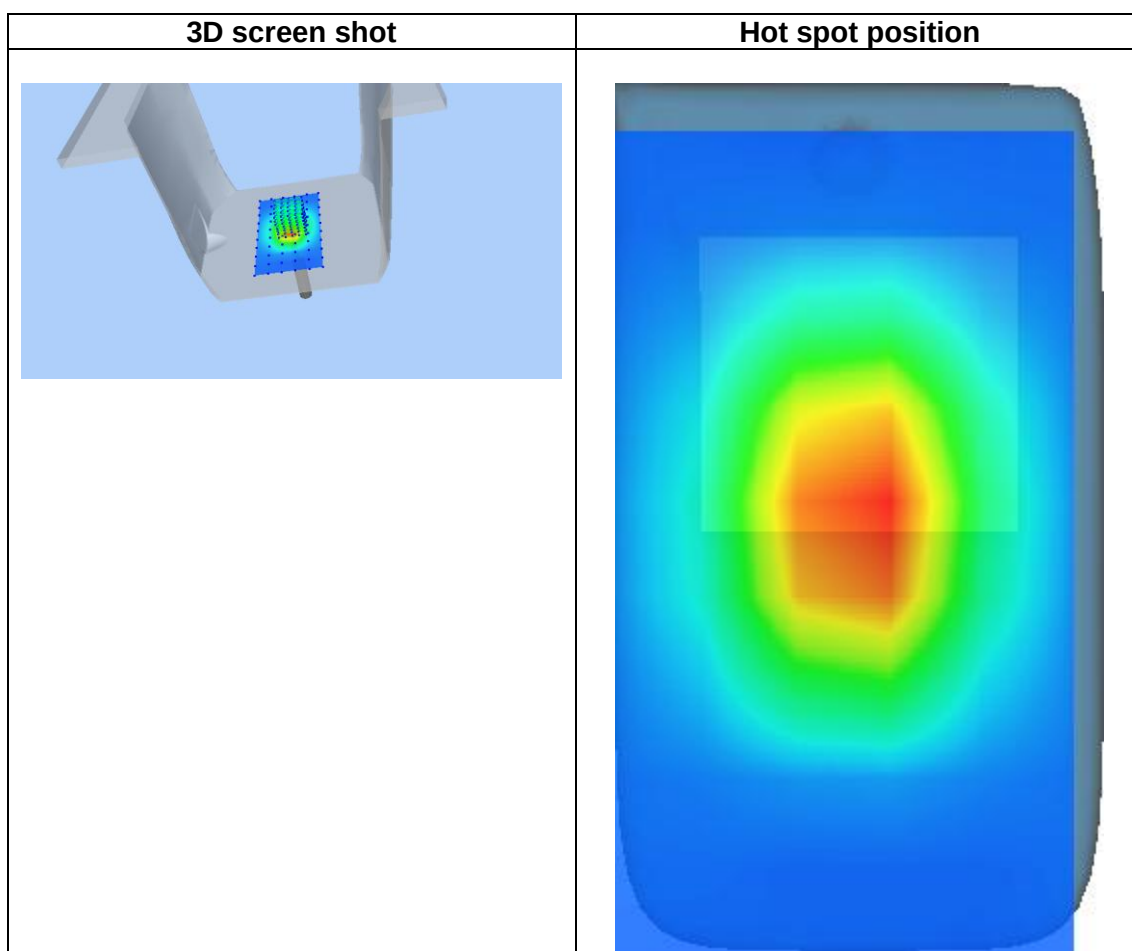
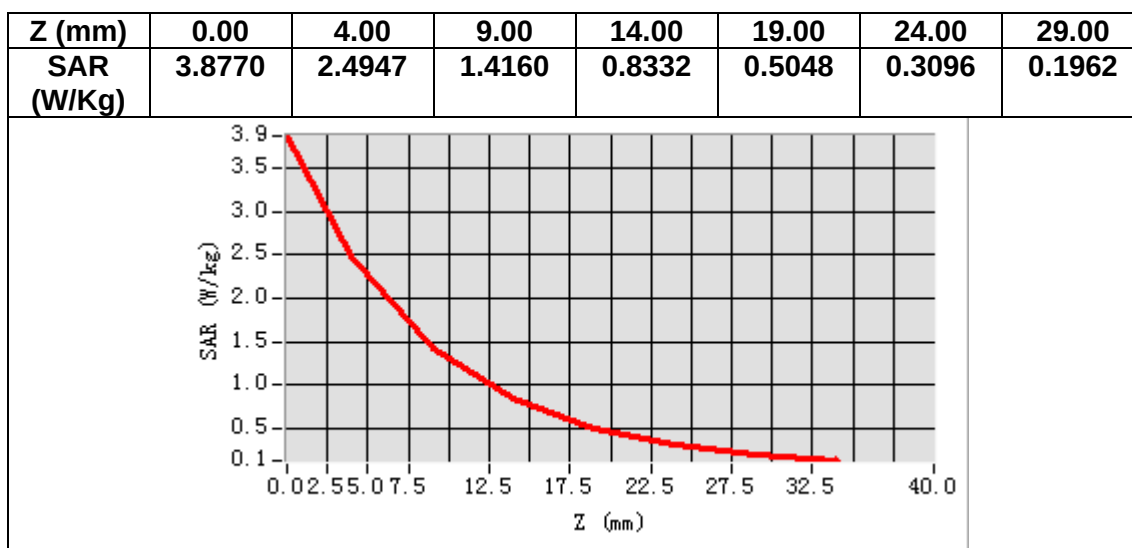
VOLUME SAR



Maximum location: X=2.00, Y=2.00

SAR Peak: 4.03 W/kg

SAR 10g (W/Kg)	1.251577
SAR 1g (W/Kg)	2.422822



MEASUREMENT 5

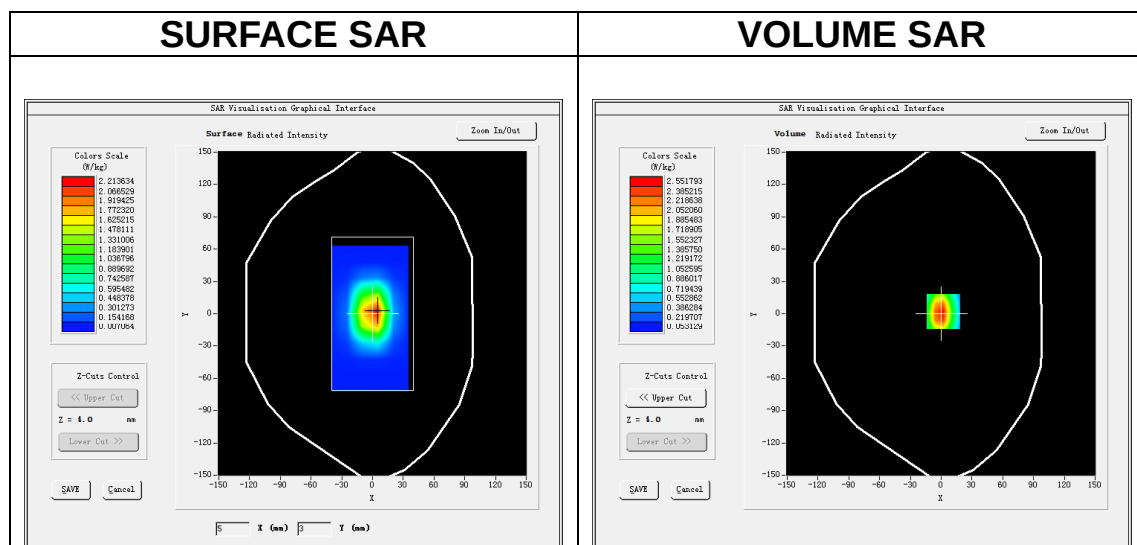
Date of measurement: 25/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.51</u>

B. SAR Measurement Results

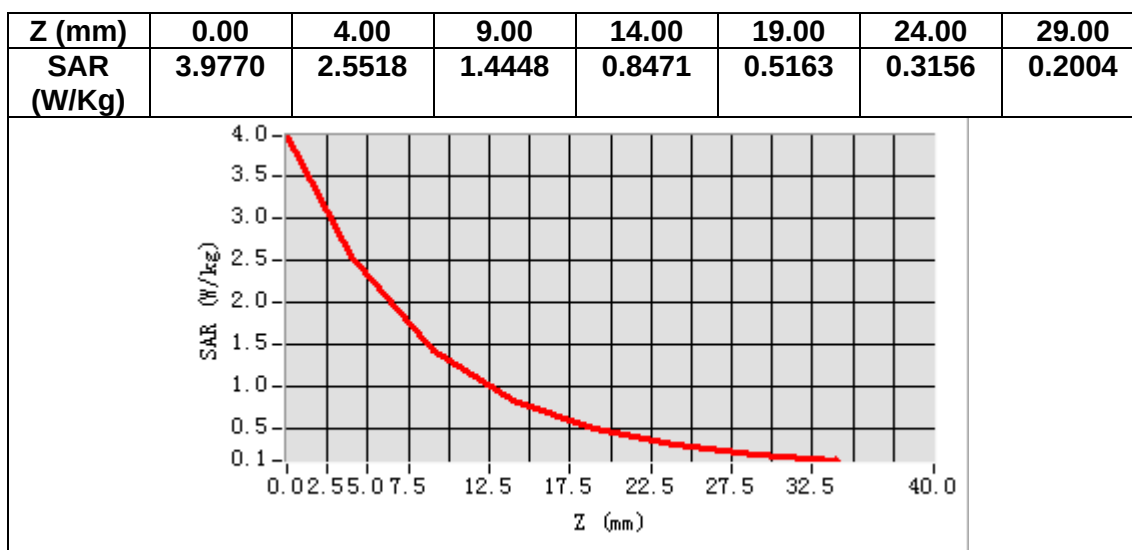
Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.565072
Relative permittivity (imaginary part)	13.846640
Conductivity (S/m)	1.384664
Variation (%)	-0.510000



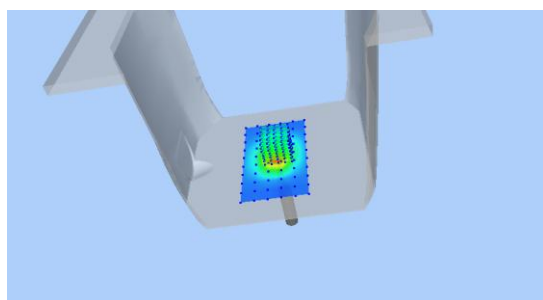
Maximum location: X=2.00, Y=2.00

SAR Peak: 4.13 W/kg

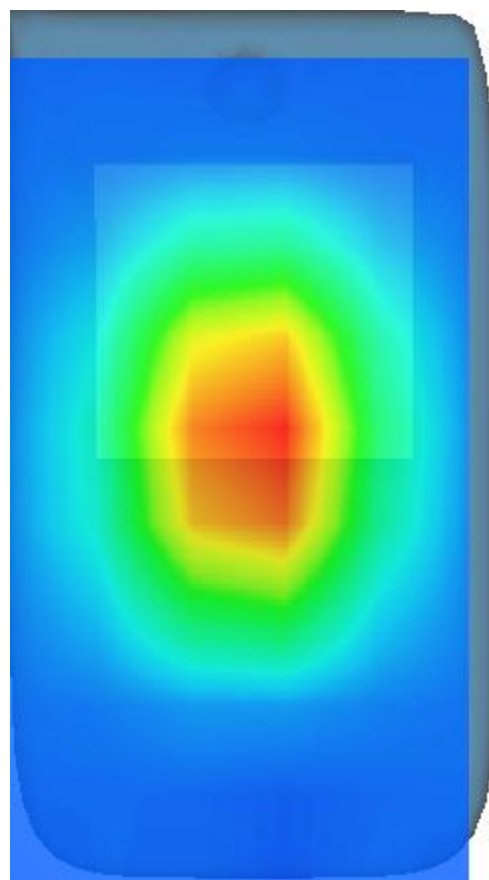
SAR 10g (W/Kg)	1.280514
SAR 1g (W/Kg)	2.480012



3D screen shot



Hot spot position



MEASUREMENT 6

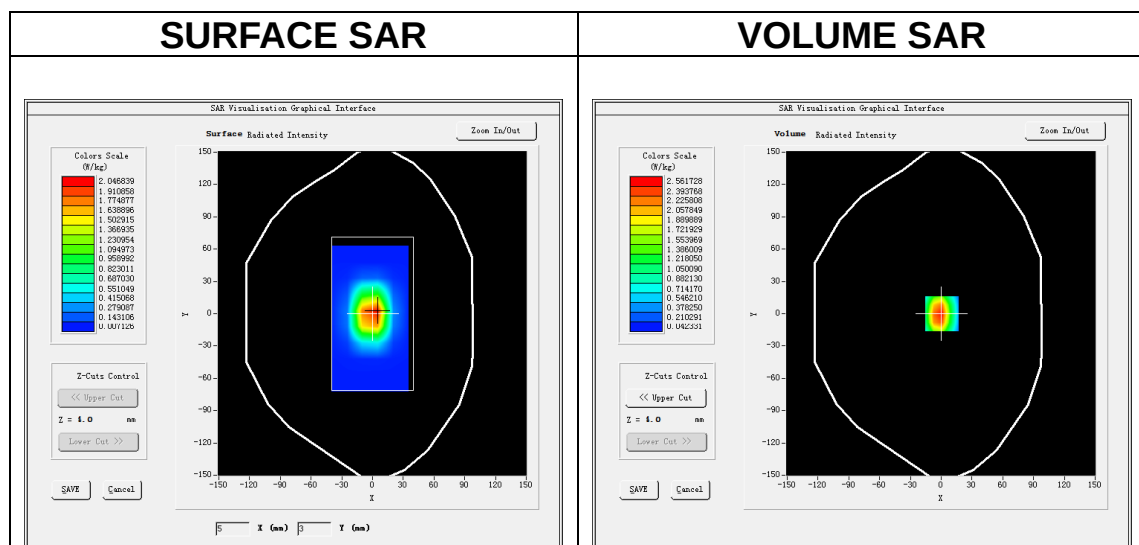
Date of measurement: 26/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.57</u>

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative permittivity (real part)	39.037963
Relative permittivity (imaginary part)	13.697740
Conductivity (S/m)	1.445873
Variation (%)	-0.050000



Maximum location: X=1.00, Y=0.00

SAR Peak: 4.26 W/kg

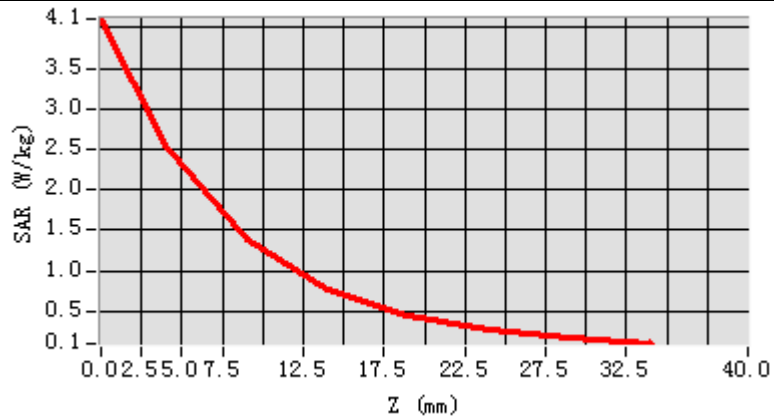
SAR 10g (W/Kg)

1.256420

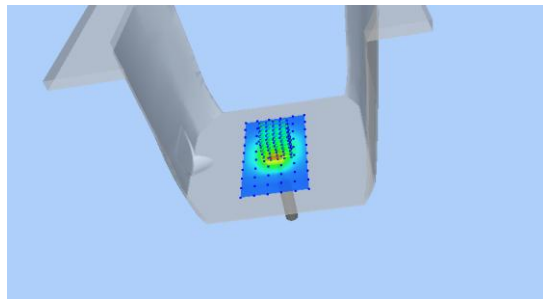
SAR 1g (W/Kg)

2.566091

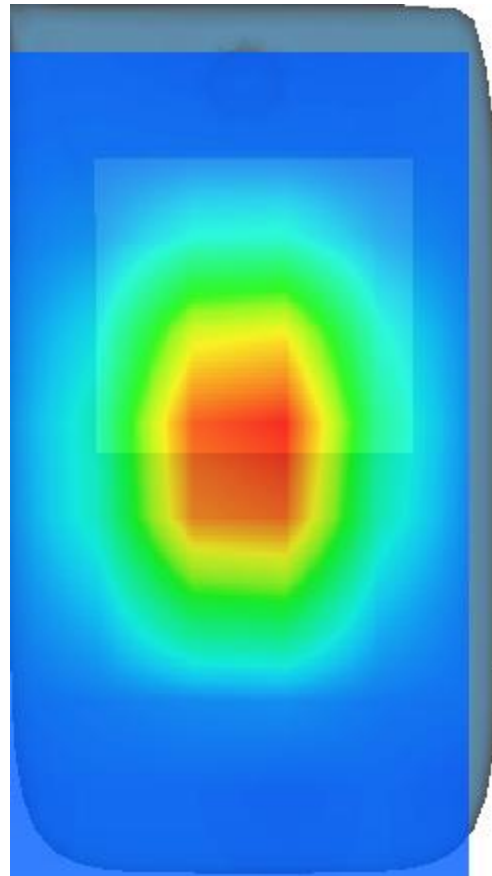
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.1109	2.5617	1.3834	0.7767	0.4518	0.2663	0.1625



3D screen shot



Hot spot position



MEASUREMENT 7

Date of measurement: 27/1/2025

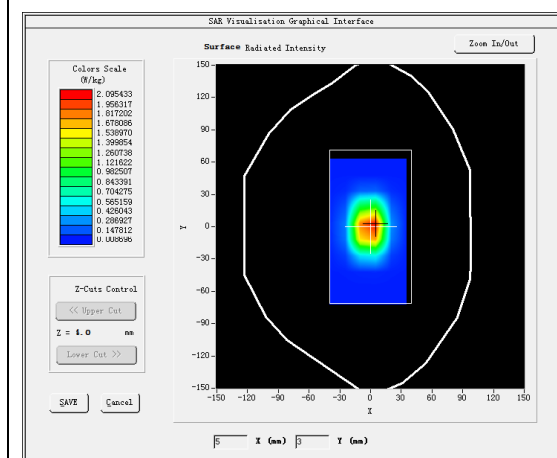
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.57</u>

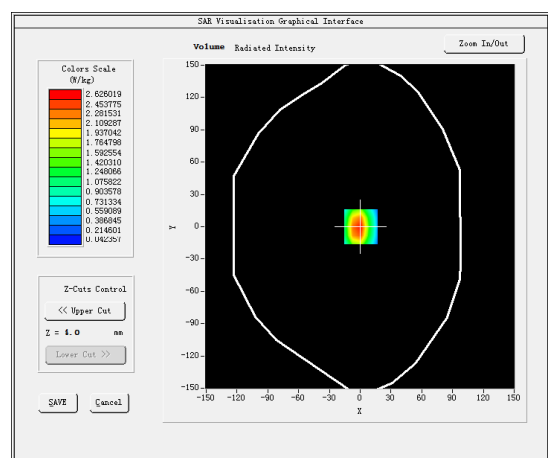
B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative permittivity (real part)	39.175484
Relative permittivity (imaginary part)	13.807198
Conductivity (S/m)	1.457426
Variation (%)	-0.090000

SURFACE SAR



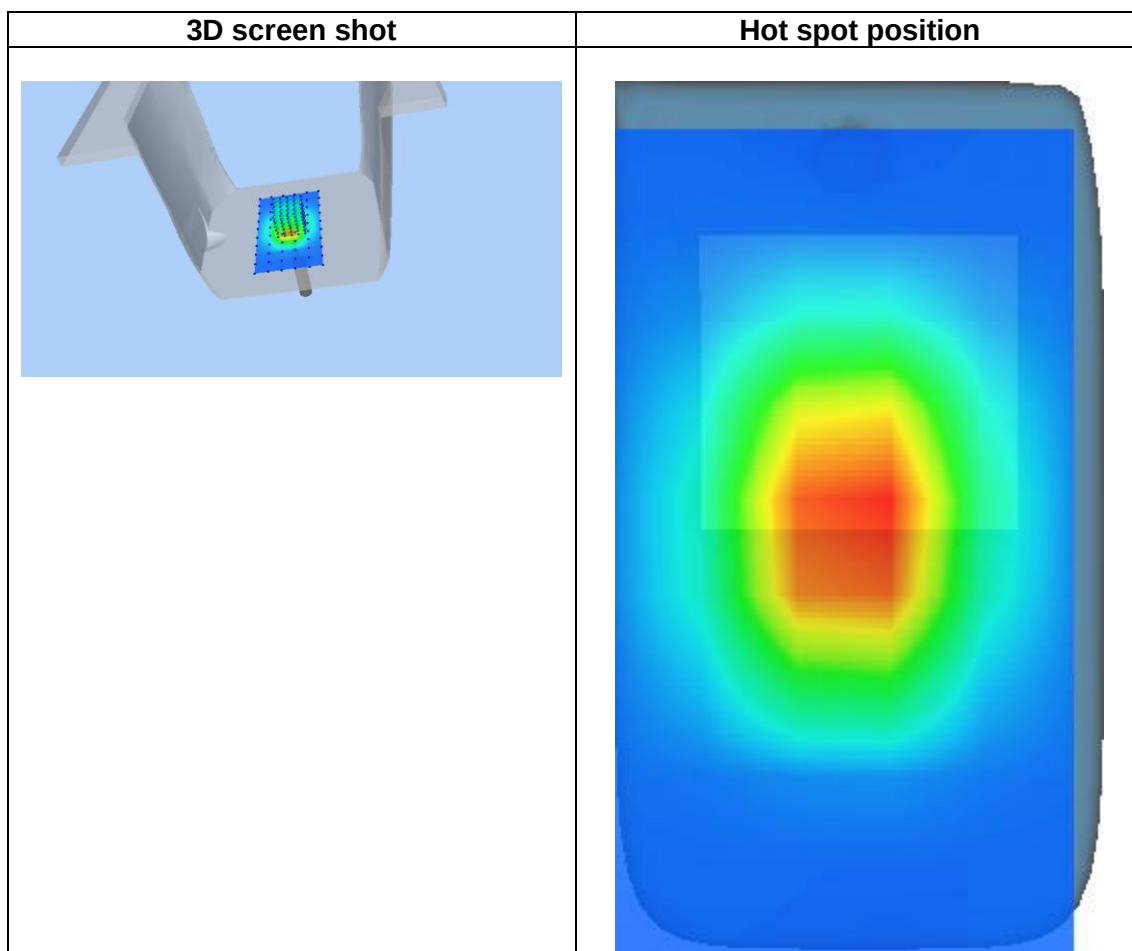
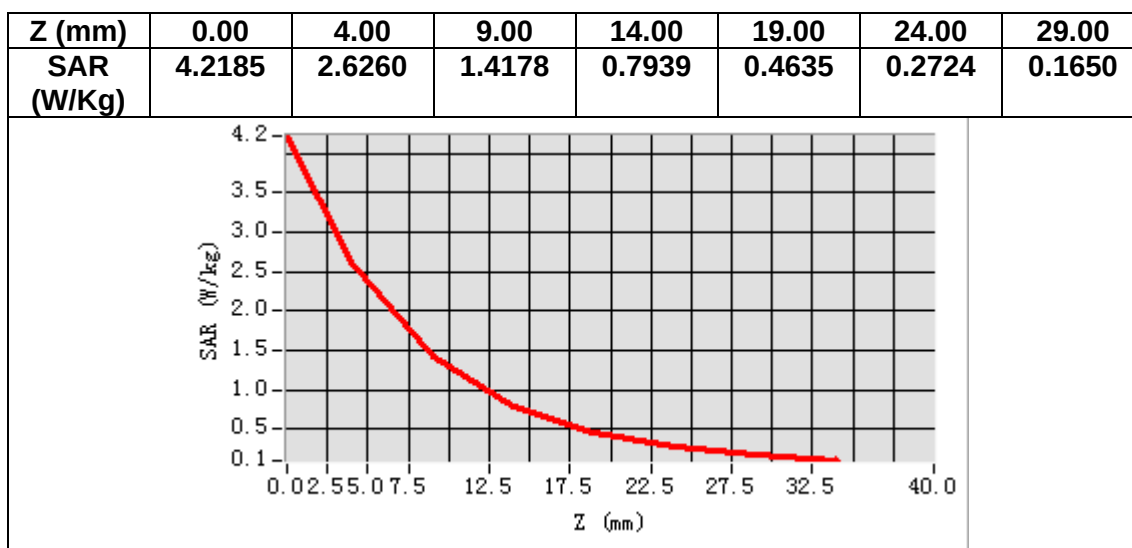
VOLUME SAR



Maximum location: X=1.00, Y=0.00

SAR Peak: 4.36 W/kg

SAR 10g (W/Kg)	1.286742
SAR 1g (W/Kg)	2.629986



MEASUREMENT 8

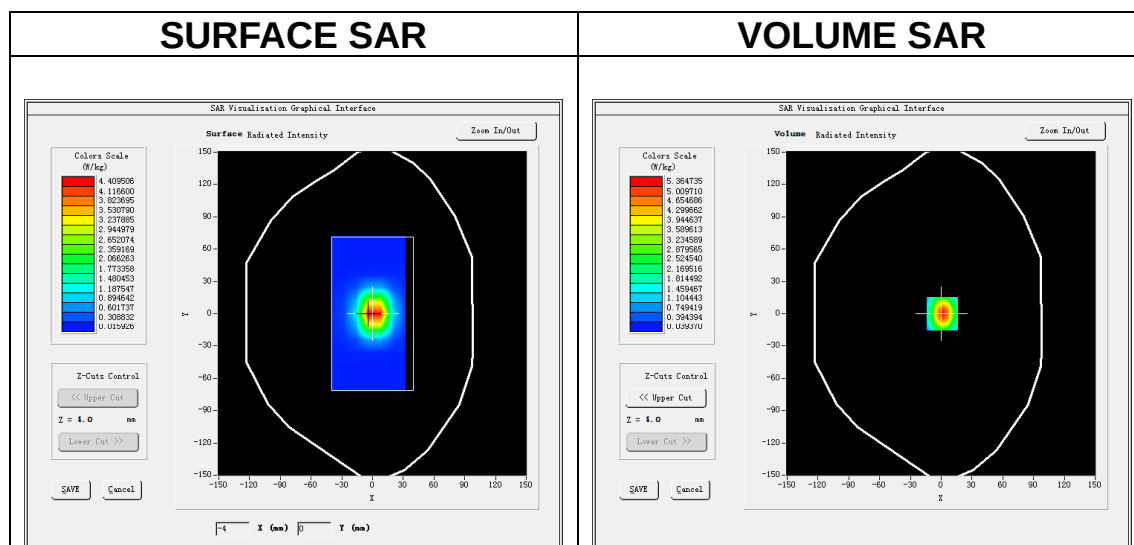
Date of measurement: 1/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2450</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.74</u>

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative permittivity (real part)	37.869855
Relative permittivity (imaginary part)	12.957471
Conductivity (S/m)	1.763656
Variation (%)	0.010000



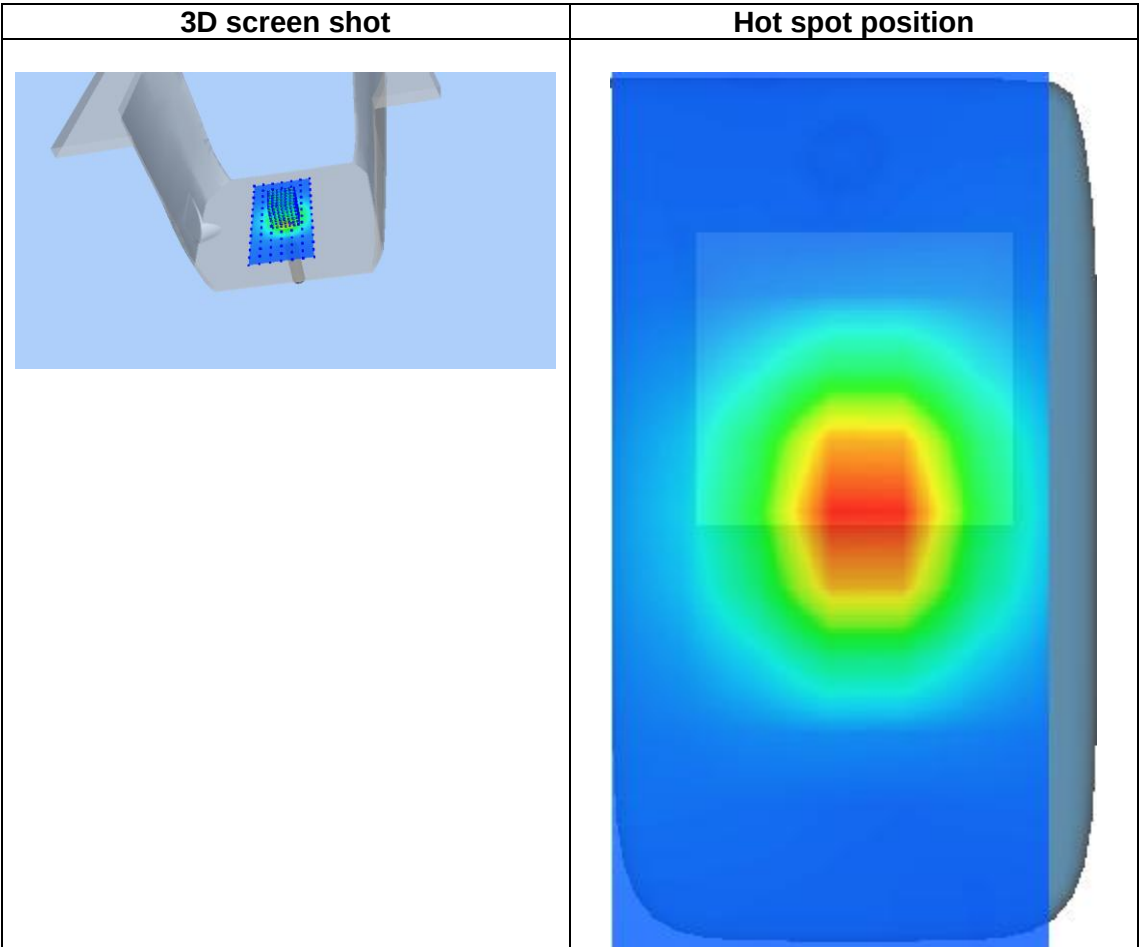
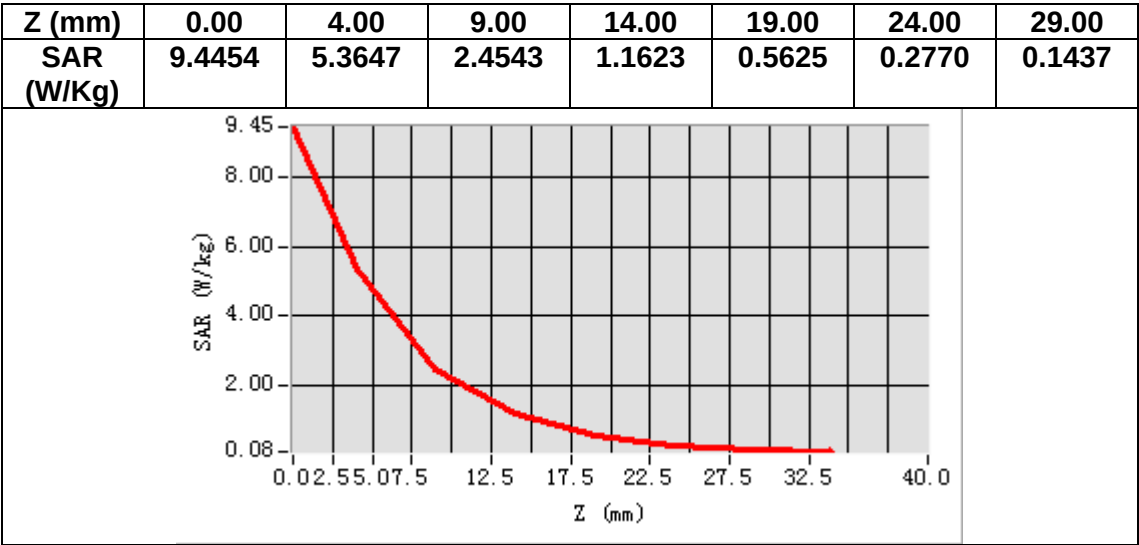
Maximum location: X=1.00, Y=0.00

SAR Peak: 9.36 W/kg

SAR 10g (W/Kg)

2.224797

SAR 1g (W/Kg)	4.976015
---------------	----------



MEASUREMENT 9

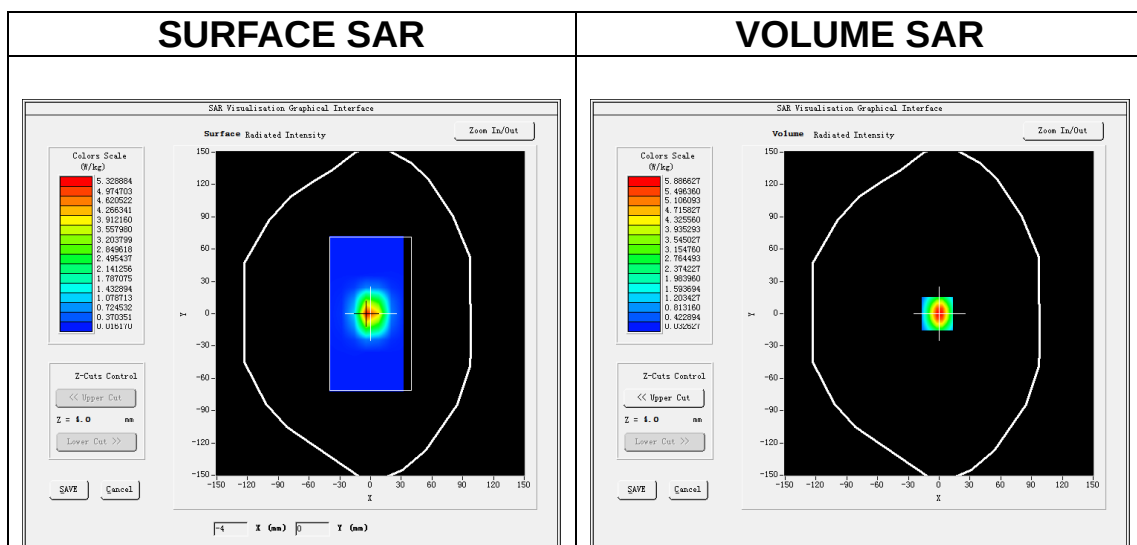
Date of measurement: 28/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2600</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.51</u>

B. SAR Measurement Results

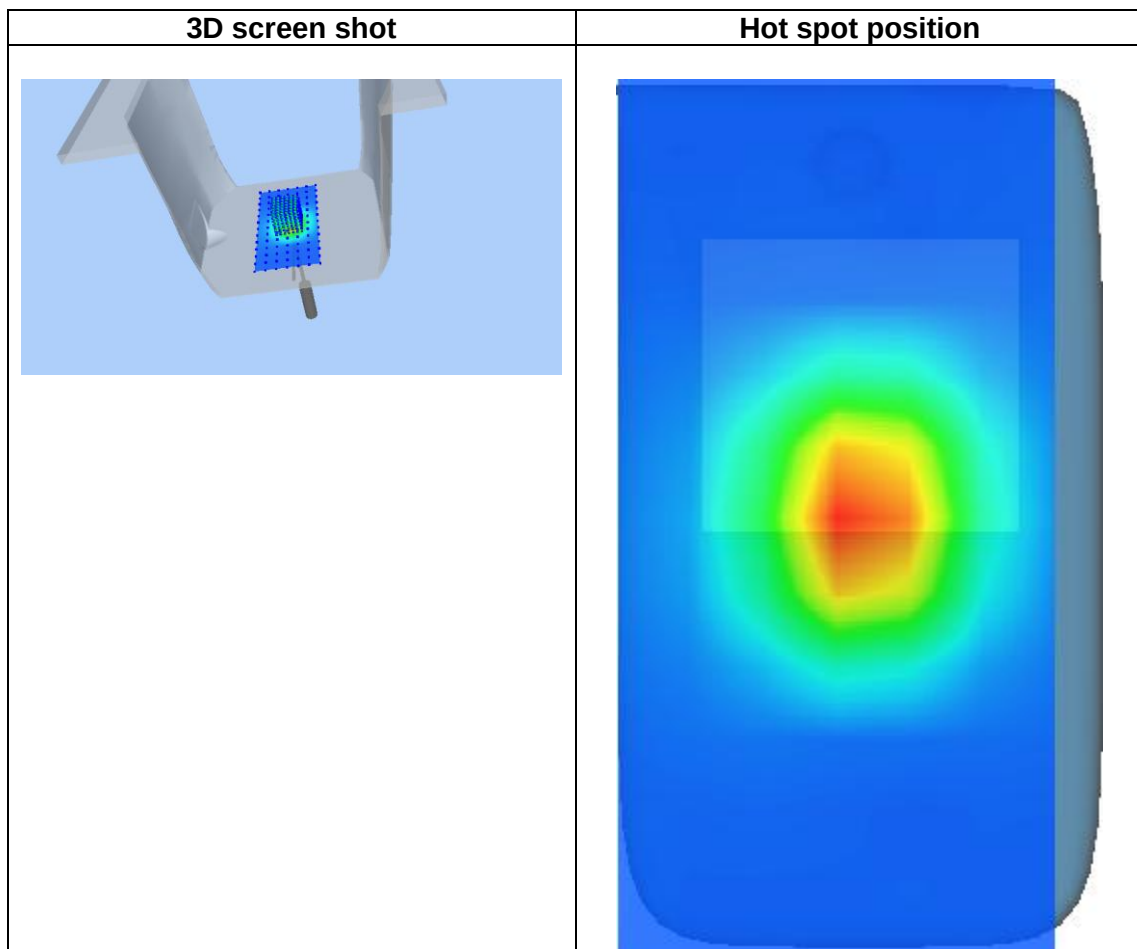
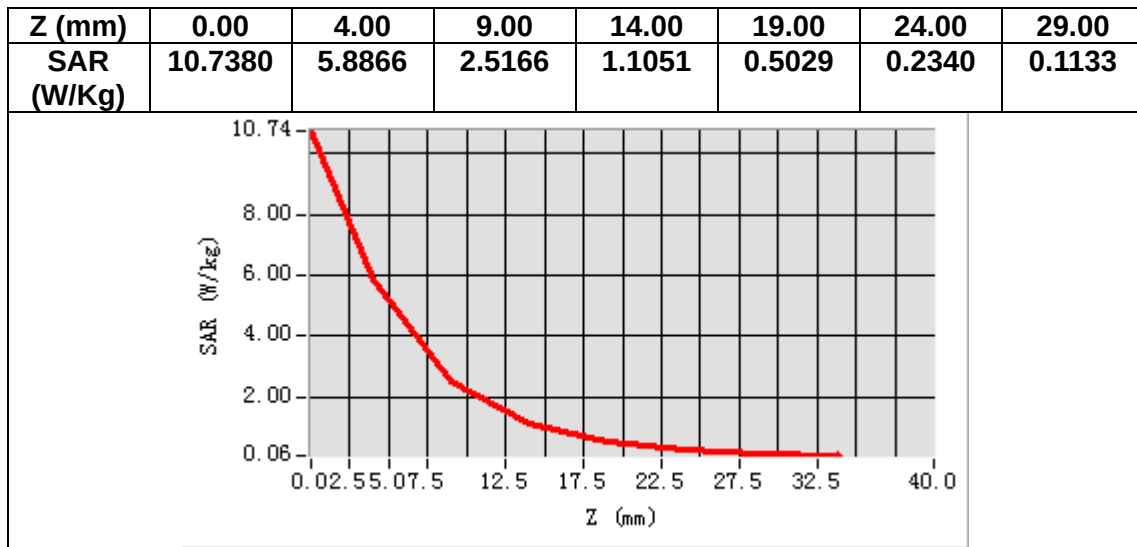
Frequency (MHz)	2600.000000
Relative permittivity (real part)	38.770921
Relative permittivity (imaginary part)	13.626014
Conductivity (S/m)	1.968202
Variation (%)	-0.100000



Maximum location: X=-2.00, Y=0.00

SAR Peak: 11.04 W/kg

SAR 10g (W/Kg)	2.345963
SAR 1g (W/Kg)	5.648917



MEASUREMENT 10

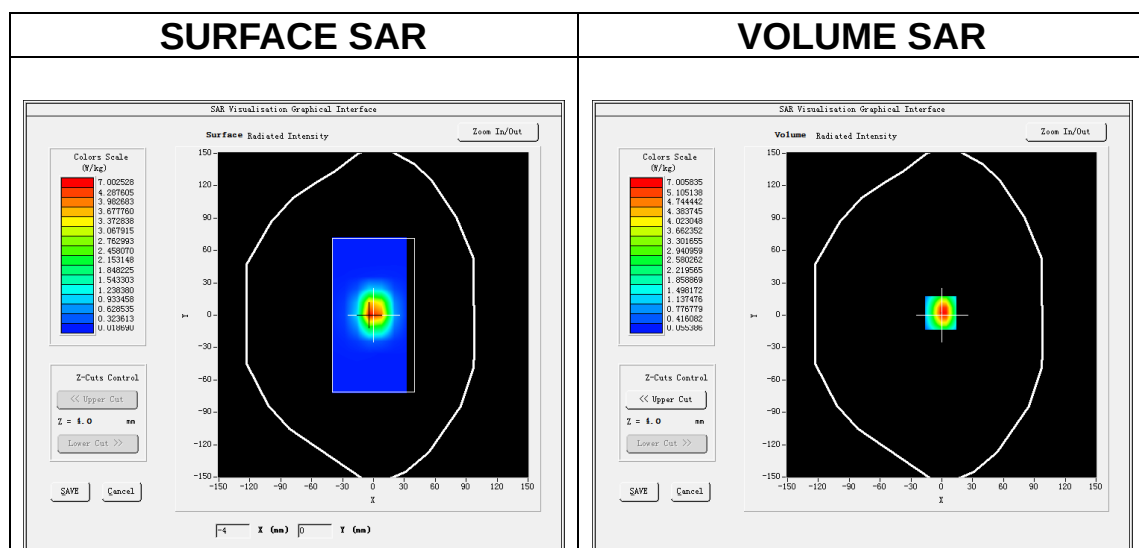
Date of measurement: 4/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW3500</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.15</u>

B. SAR Measurement Results

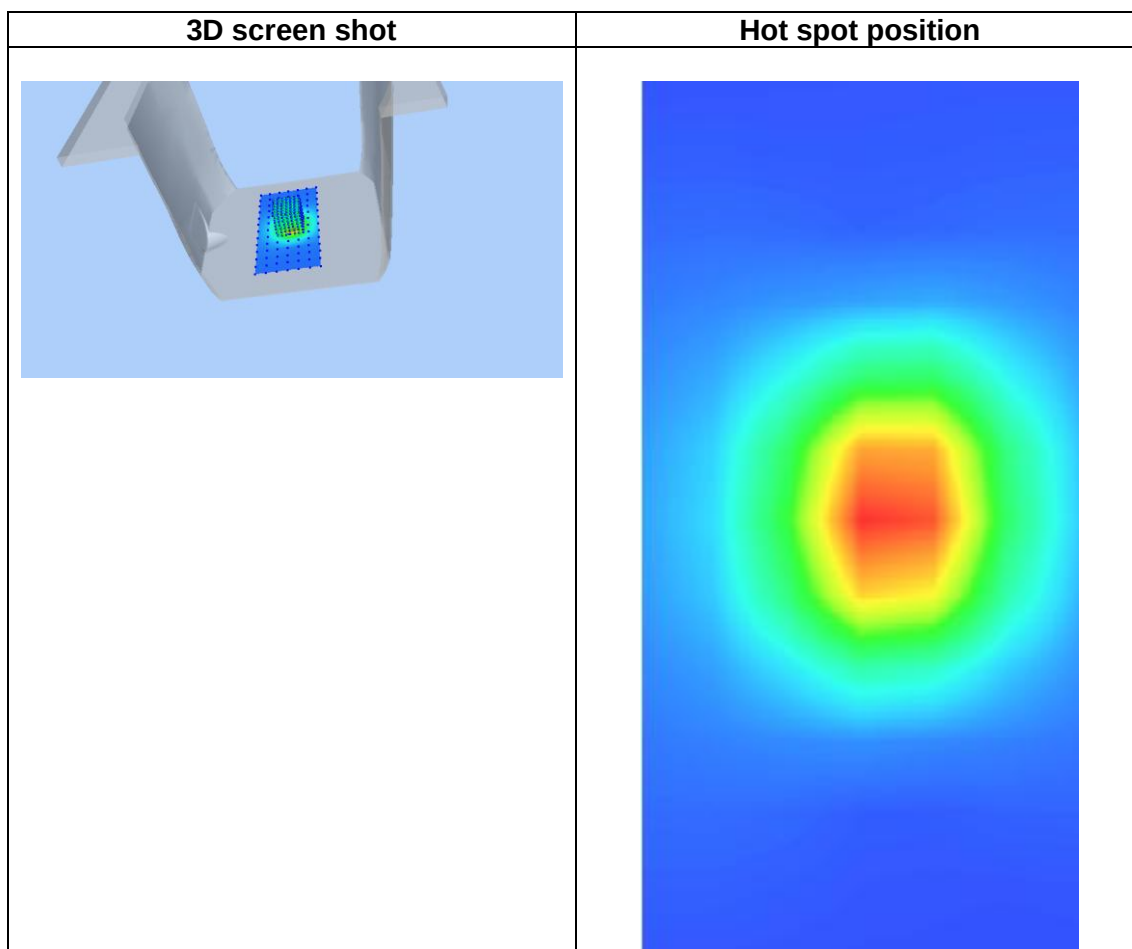
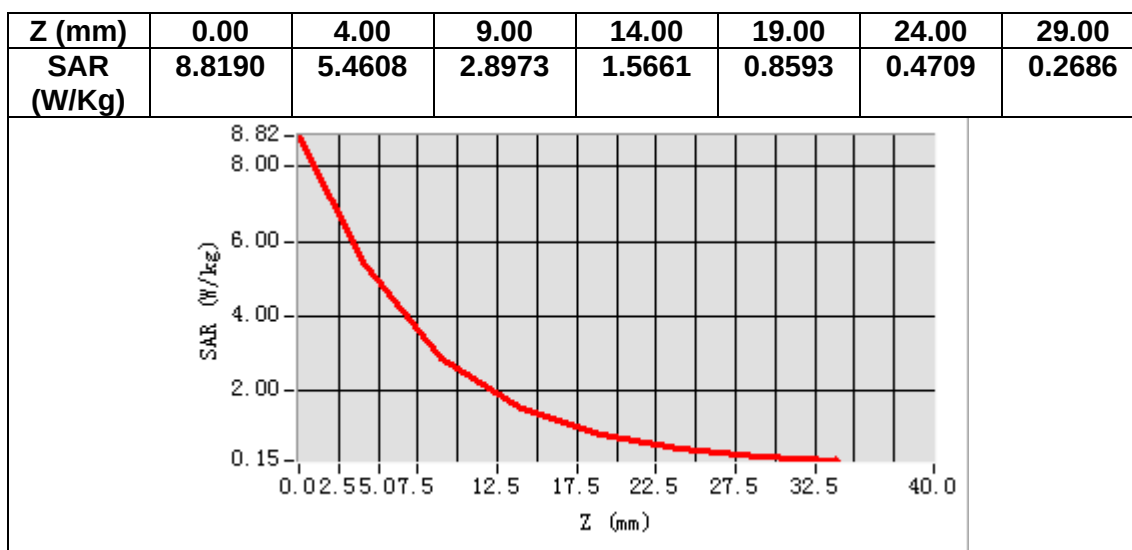
Frequency (MHz)	3500.000000
Relative permittivity (real part)	37.421550
Relative permittivity (imaginary part)	14.647046
Conductivity (S/m)	2.848037
Variation (%)	2.410000



Maximum location: X=-1.00, Y=2.00

SAR Peak: 9.07 W/kg

SAR 10g (W/Kg)	2.541882
SAR 1g (W/Kg)	6.990165



MEASUREMENT 11

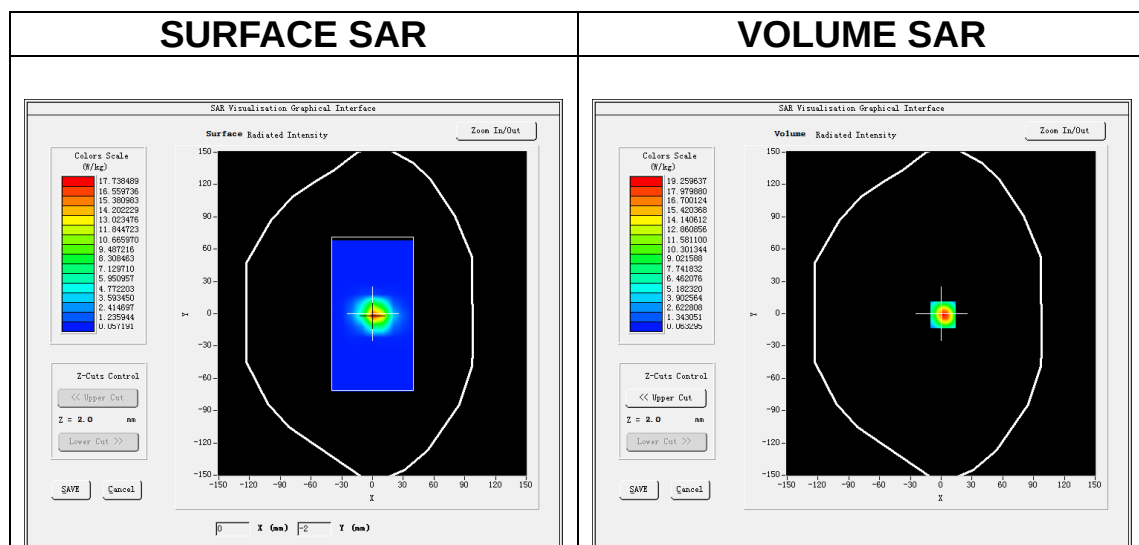
Date of measurement: 29/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5200</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.89</u>

B. SAR Measurement Results

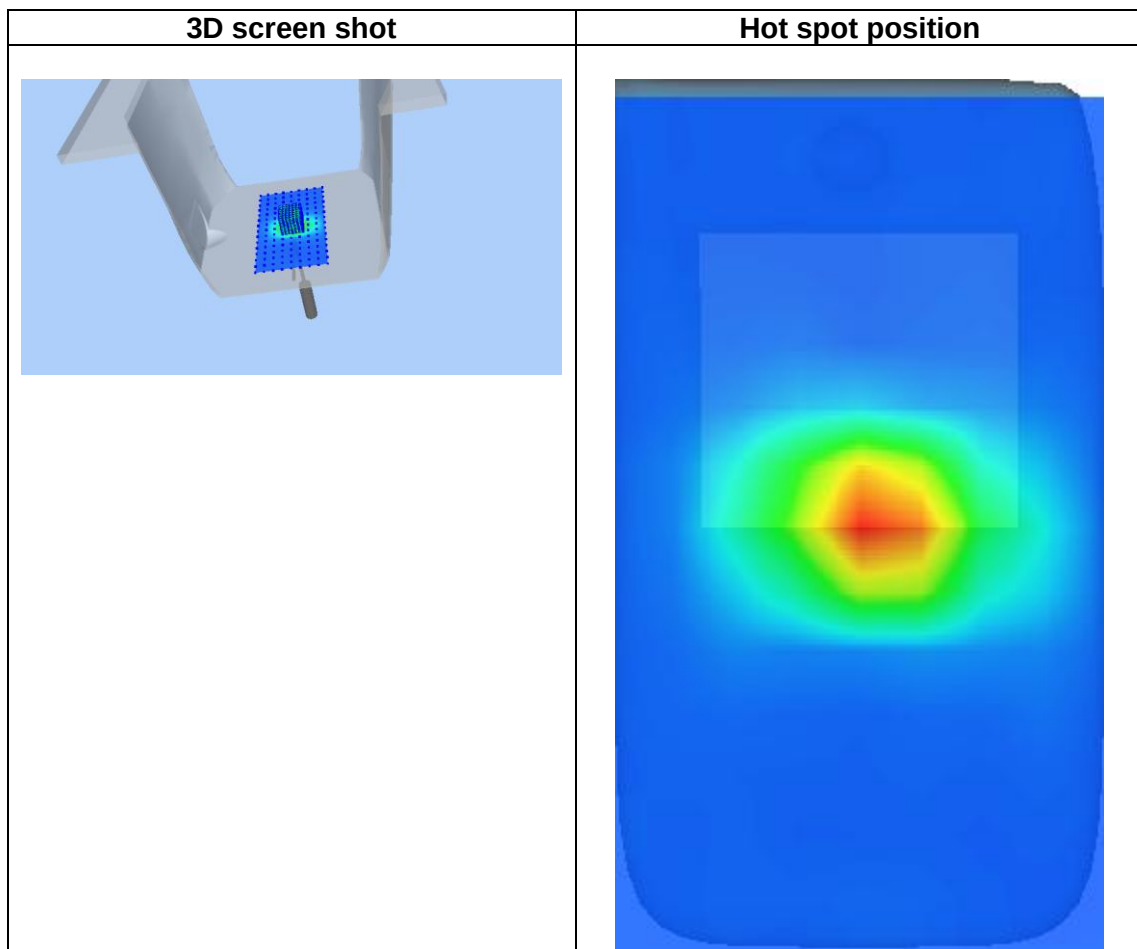
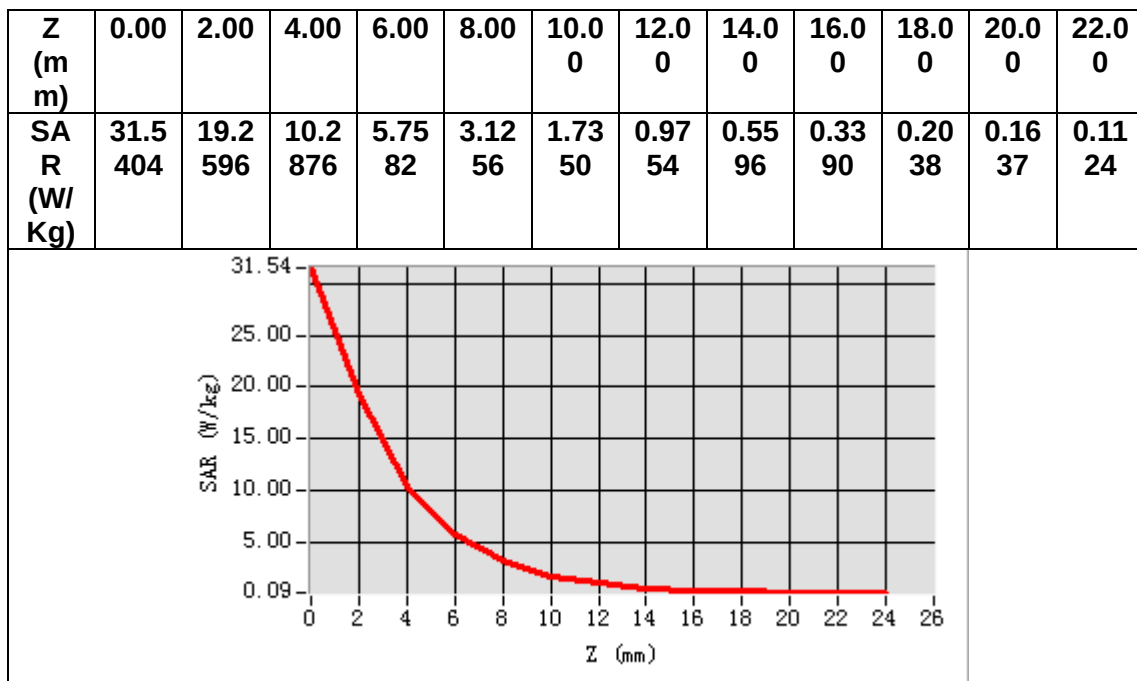
Frequency (MHz)	5200.000000
Relative permittivity (real part)	34.790006
Relative permittivity (imaginary part)	15.670512
Conductivity (S/m)	4.527037
Variation (%)	-0.190000



Maximum location: X=2.00, Y=-1.00

SAR Peak: 33.16 W/kg

SAR 10g (W/Kg)	3.718570
SAR 1g (W/Kg)	10.964046



MEASUREMENT 12

Date of measurement: 31/1/2025

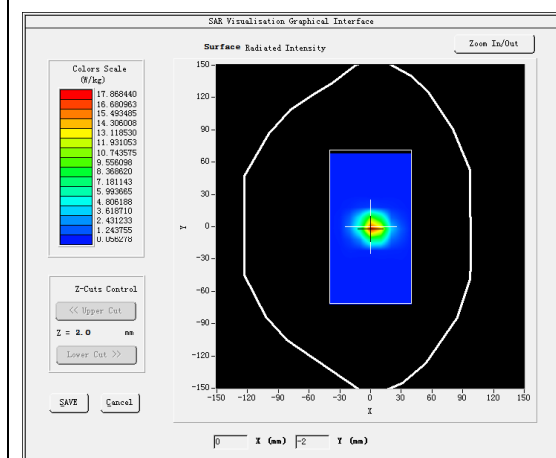
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5200</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.89</u>

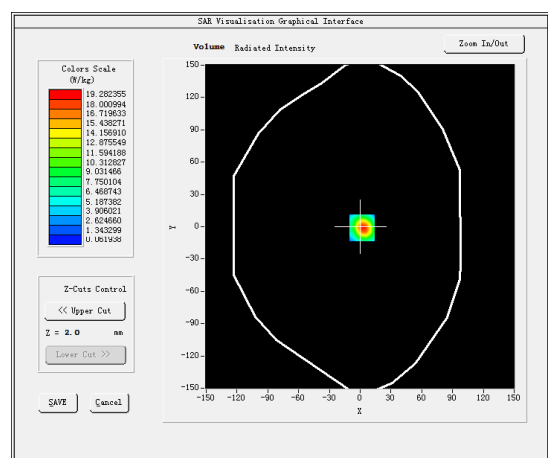
B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.818368
Relative permittivity (imaginary part)	15.526002
Conductivity (S/m)	4.485289
Variation (%)	-0.610000

SURFACE SAR



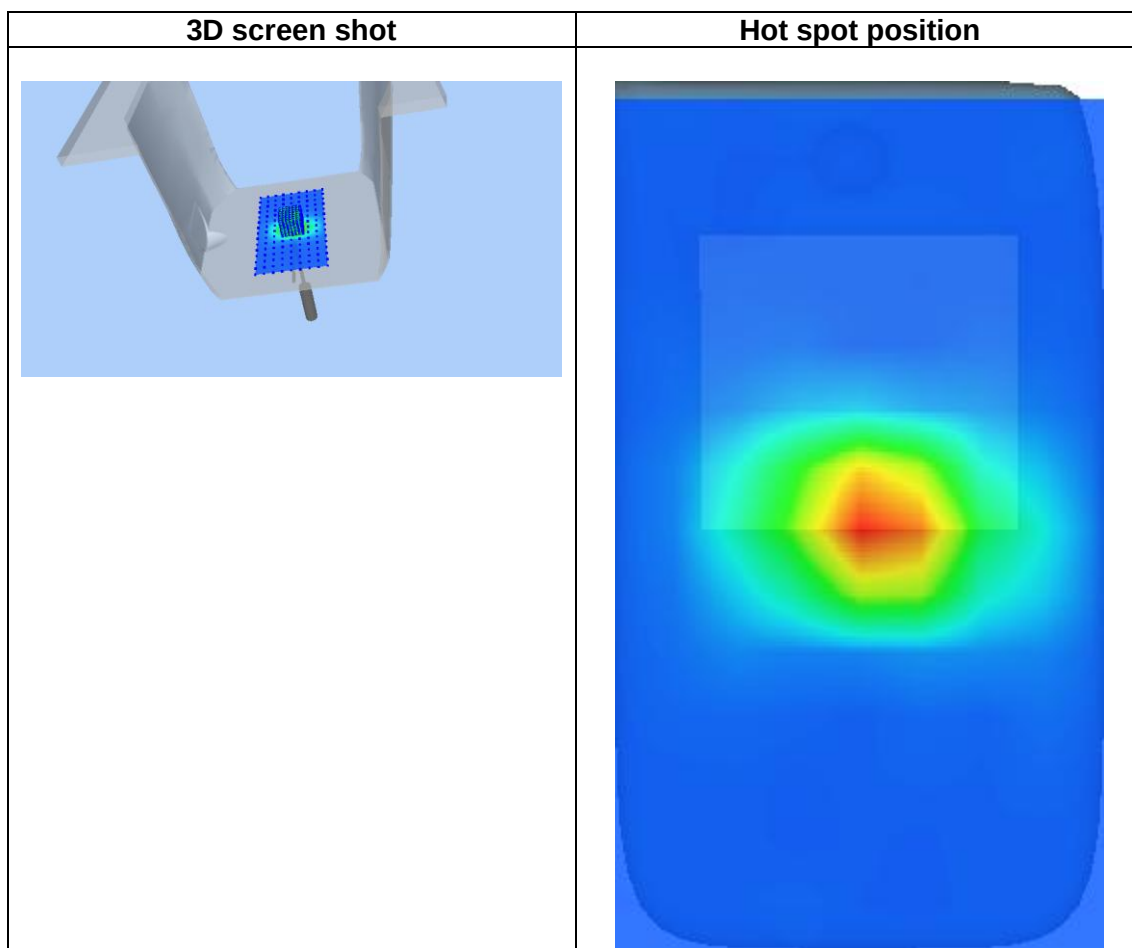
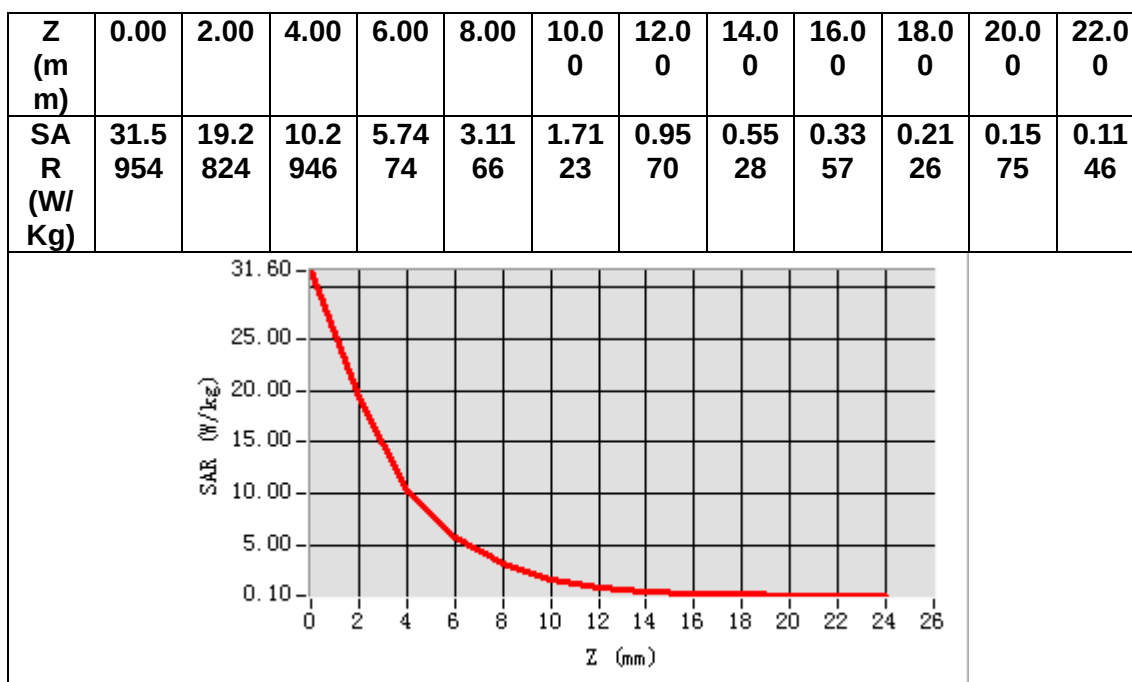
VOLUME SAR



Maximum location: X=2.00, Y=-1.00

SAR Peak: 33.20 W/kg

SAR 10g (W/Kg)	3.720906
SAR 1g (W/Kg)	10.964112



MEASUREMENT 13

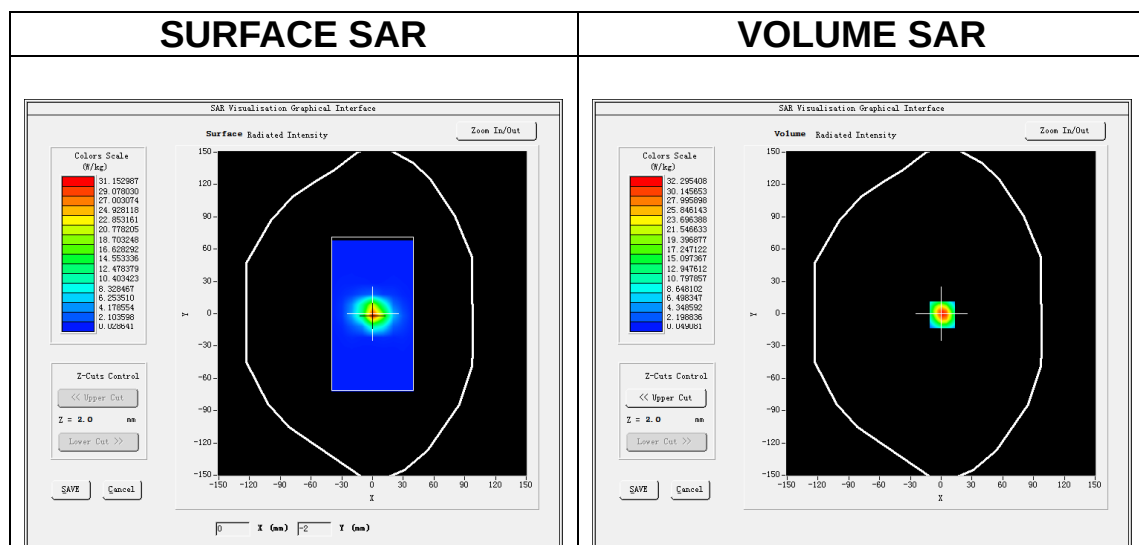
Date of measurement: 30/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.90</u>

B. SAR Measurement Results

Frequency (MHz)	5800.000000
Relative permittivity (real part)	34.167725
Relative permittivity (imaginary part)	16.162141
Conductivity (S/m)	5.207801
Variation (%)	-0.460000

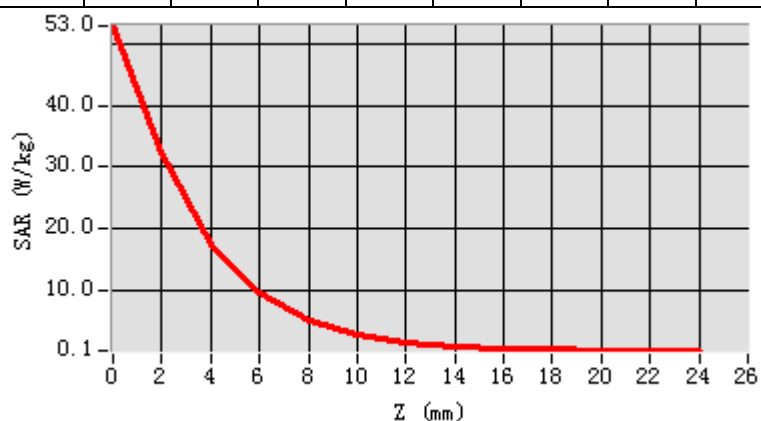


Maximum location: X=1.00, Y=-1.00

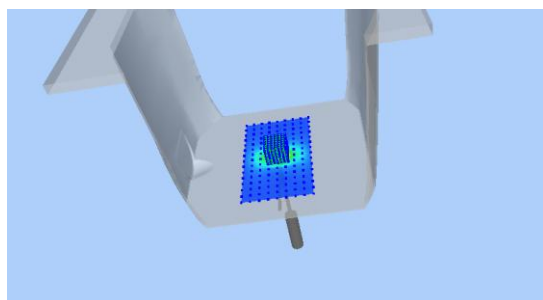
SAR Peak: 55.56 W/kg

SAR 10g (W/Kg)	6.264505
SAR 1g (W/Kg)	18.411831

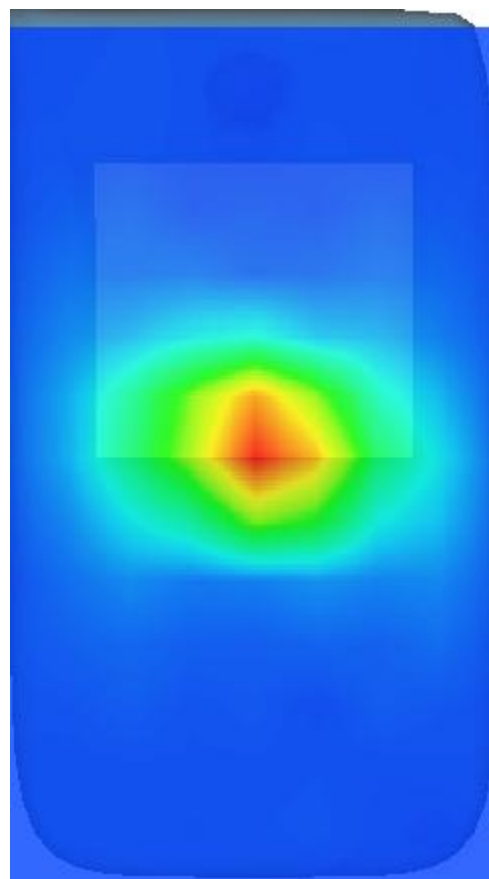
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SA R (W/ Kg)	53.0 367	32.2 954	17.2 692	9.49 96	5.08 90	2.77 78	1.50 09	0.81 85	0.46 70	0.26 98	0.17 50	0.11 58



3D screen shot



Hot spot position



MEASUREMENT 14

Date of measurement: 1/2/2025

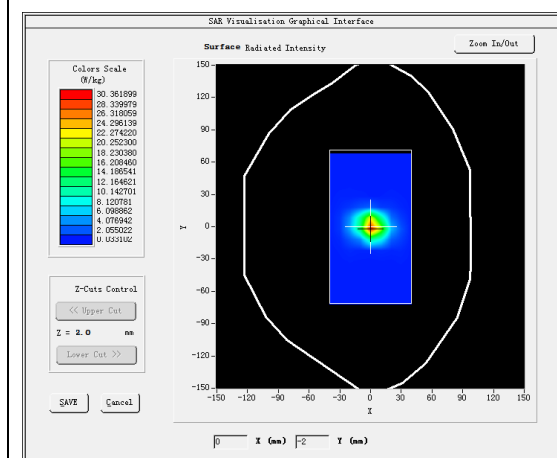
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.90</u>

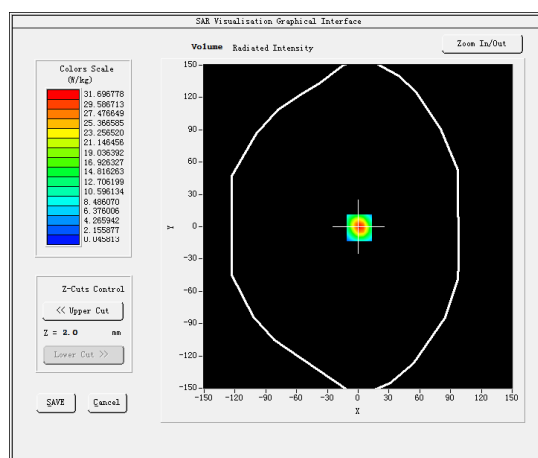
B. SAR Measurement Results

Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.540516
Relative permittivity (imaginary part)	16.298843
Conductivity (S/m)	5.251849
Variation (%)	0.400000

SURFACE SAR



VOLUME SAR

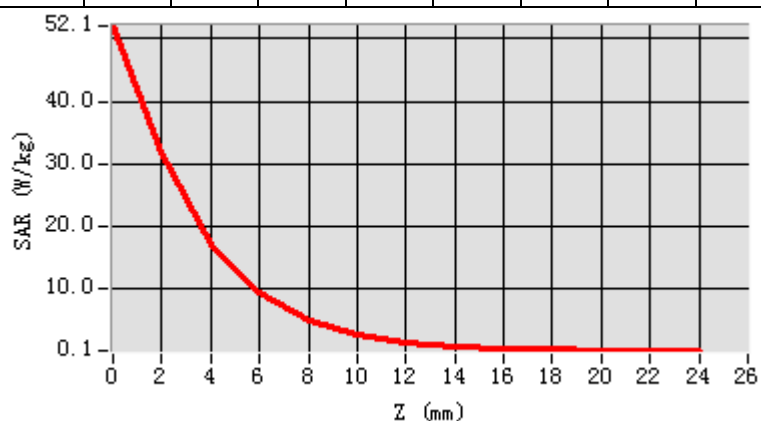


Maximum location: X=1.00, Y=-1.00

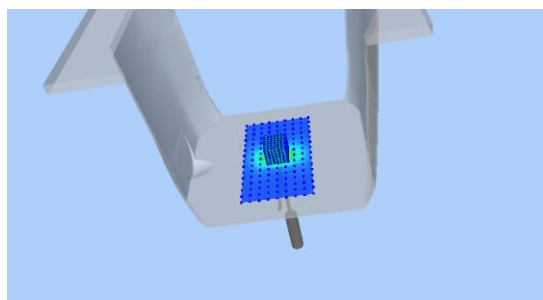
SAR Peak: 54.56 W/kg

SAR 10g (W/Kg)	6.132525
SAR 1g (W/Kg)	18.044806

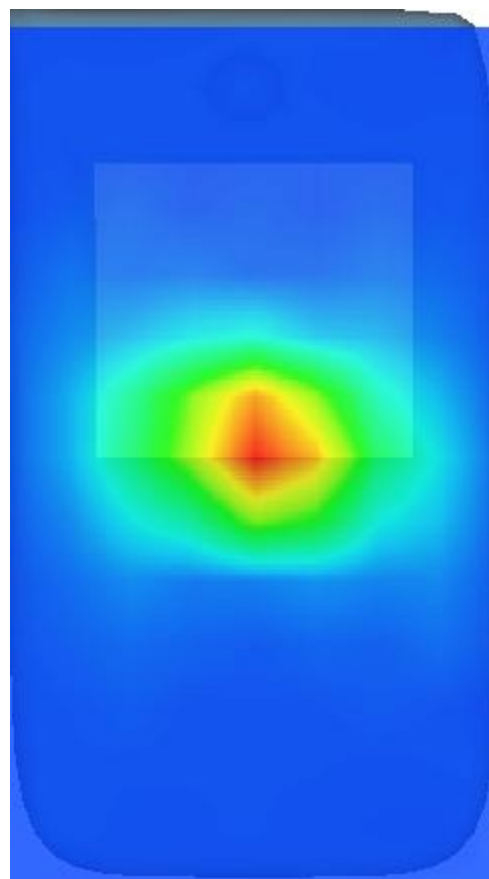
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/ Kg)	52.0 511	31.6 968	16.9 539	9.31 09	5.01 04	2.74 68	1.47 38	0.80 60	0.45 32	0.24 99	0.17 01	0.11 66



3D screen shot



Hot spot position



12. Appendix C. Plots of High SAR Measurement

Table of contents
MEASUREMENT 1 GSM 850 Head
MEASUREMENT 2 GSM 850 Body
MEASUREMENT 3 GSM 1900 Head
MEASUREMENT 4 GSM 1900 Body
MEASUREMENT 5 WCDMA Band 2 Head
MEASUREMENT 6 WCDMA Band 2 Body
MEASUREMENT 7 WCDMA Band 4 Head
MEASUREMENT 8 WCDMA Band 4 Body
MEASUREMENT 9 WCDMA Band 5 Head
MEASUREMENT 10 WCDMA Band 5 Body
MEASUREMENT 11 WLAN 5.2G Ant1 Head
MEASUREMENT 12 WLAN 5.8G Ant1 Head
MEASUREMENT 13 WLAN 5.2G Ant2 Head
MEASUREMENT 14 WLAN 5.8G Ant2 Head
MEASUREMENT 15 WLAN 5.2G MIMO Head
MEASUREMENT 16 WLAN 5.8G MIMO Head
MEASUREMENT 17 WLAN 5.2G Ant2 Body
MEASUREMENT 18 WLAN 5.8G Ant2 Body
MEASUREMENT 19 WLAN 5.2G MIMO Body
MEASUREMENT 20 WLAN 5.8G MIMO Body
MEASUREMENT 21 WLAN 5.2G Ant1 Body
MEASUREMENT 22 WLAN 5.8G Ant1 Body
MEASUREMENT 23 WLAN 2.4G Ant1 Head
MEASUREMENT 24 WLAN 2.4G Ant2 Head
MEASUREMENT 25 WLAN 2.4G MIMO Head
MEASUREMENT 26 WLAN 2.4G Ant2 Body
MEASUREMENT 27 WLAN 2.4G MIMO Body
MEASUREMENT 28 WLAN 2.4G Ant1 Body
MEASUREMENT 29 BT Head
MEASUREMENT 30 BT Body
MEASUREMENT 31 LTE Band 2 Head
MEASUREMENT 32 LTE Band 2 Body
MEASUREMENT 33 LTE Band 4 Head
MEASUREMENT 34 LTE Band 4 Body
MEASUREMENT 35 LTE Band 12 Head
MEASUREMENT 36 LTE Band 12 Body

MEASUREMENT 37 LTE Band 17 Head
MEASUREMENT 38 LTE Band 17 Body
MEASUREMENT 39 LTE Band 25 Head
MEASUREMENT 40 LTE Band 25 Body
MEASUREMENT 41 LTE Band 26a Head
MEASUREMENT 42 LTE Band 26a Body
MEASUREMENT 43 LTE Band 26b Head
MEASUREMENT 44 LTE Band 26b Body
MEASUREMENT 45 LTE Band 66 Head
MEASUREMENT 46 LTE Band 66 Body
MEASUREMENT 47 LTE Band 5 Head
MEASUREMENT 48 LTE Band 5 Body
MEASUREMENT 49 LTE Band 7 Head
MEASUREMENT 50 LTE Band 7 Body
MEASUREMENT 51 LTE Band SA n78Head
MEASUREMENT 52 LTE Band SA n78 Body
MEASUREMENT 51 LTE Band 7 Extremity

MEASUREMENT 1

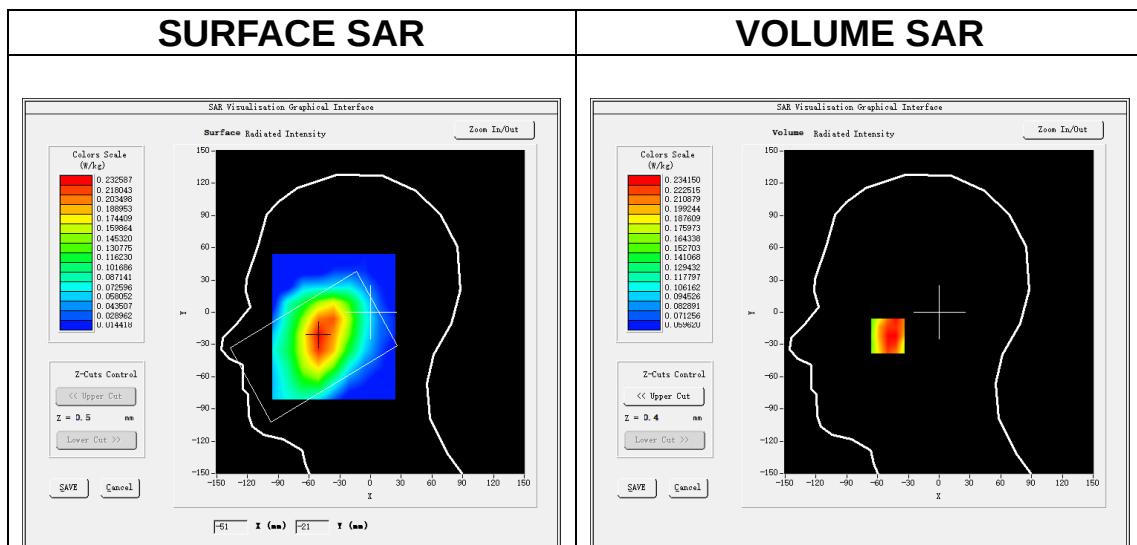
Date of measurement: 22/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>
<u>ConvF</u>	<u>2.34</u>

B. SAR Measurement Results

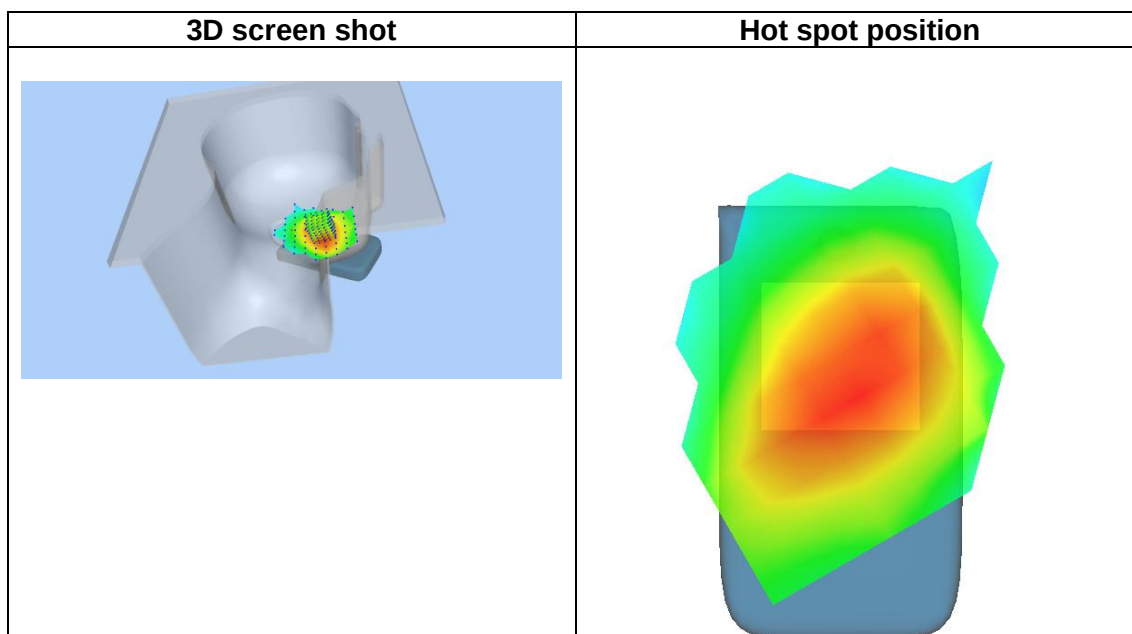
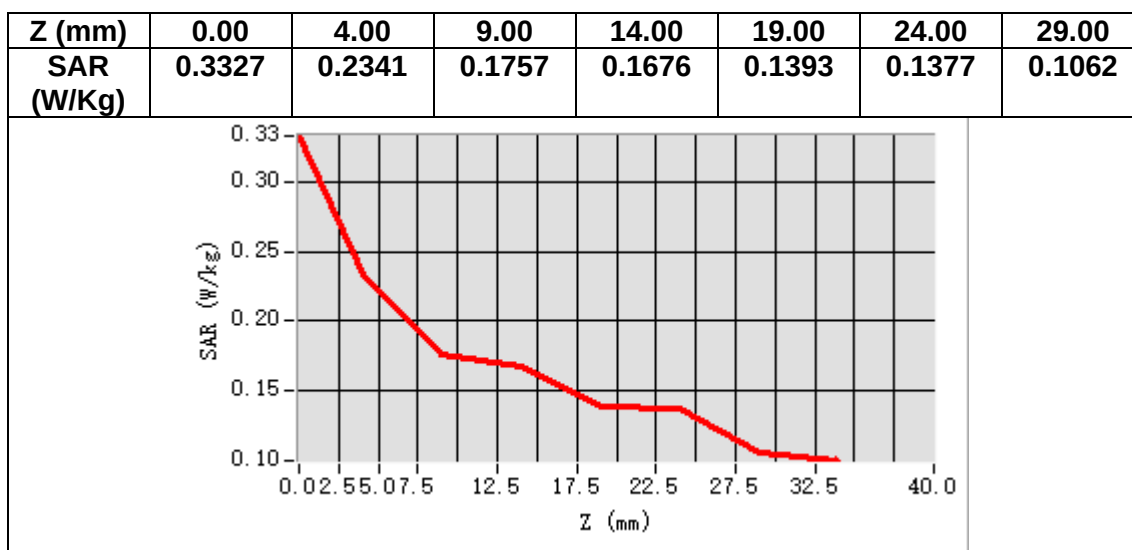
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.825031
Relative permittivity (imaginary part)	19.681705
Conductivity (S/m)	0.914543
Variation (%)	-0.880000



Maximum location: X=-50.00, Y=-22.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.188594
SAR 1g (W/Kg)	0.236108



MEASUREMENT 2

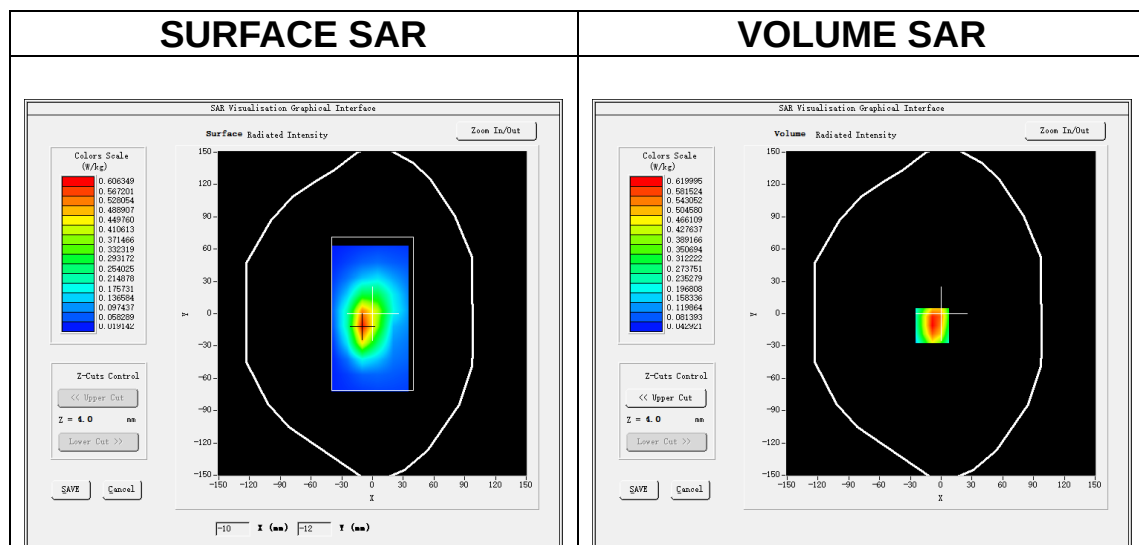
Date of measurement: 22/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>
<u>ConvF</u>	<u>2.34</u>

B. SAR Measurement Results

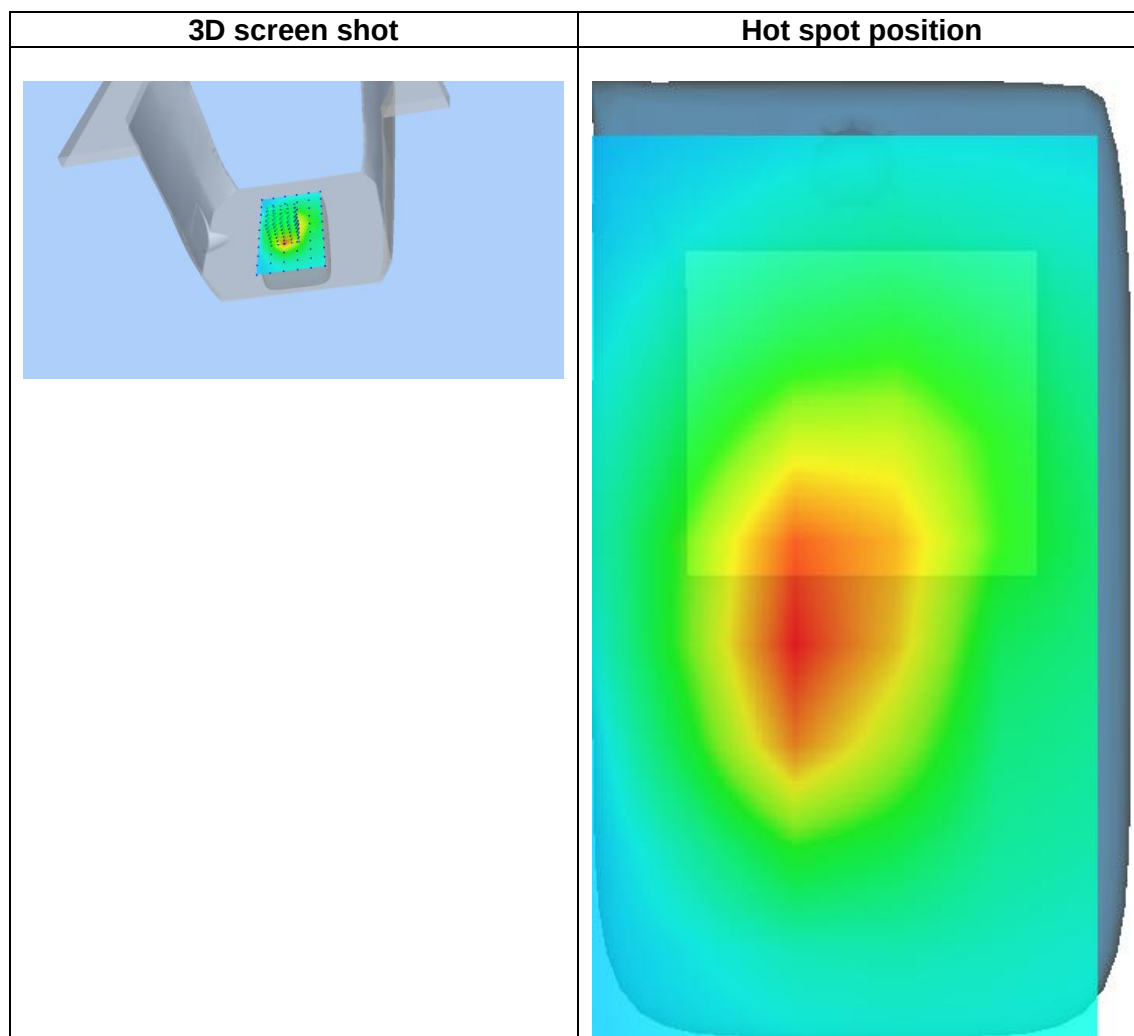
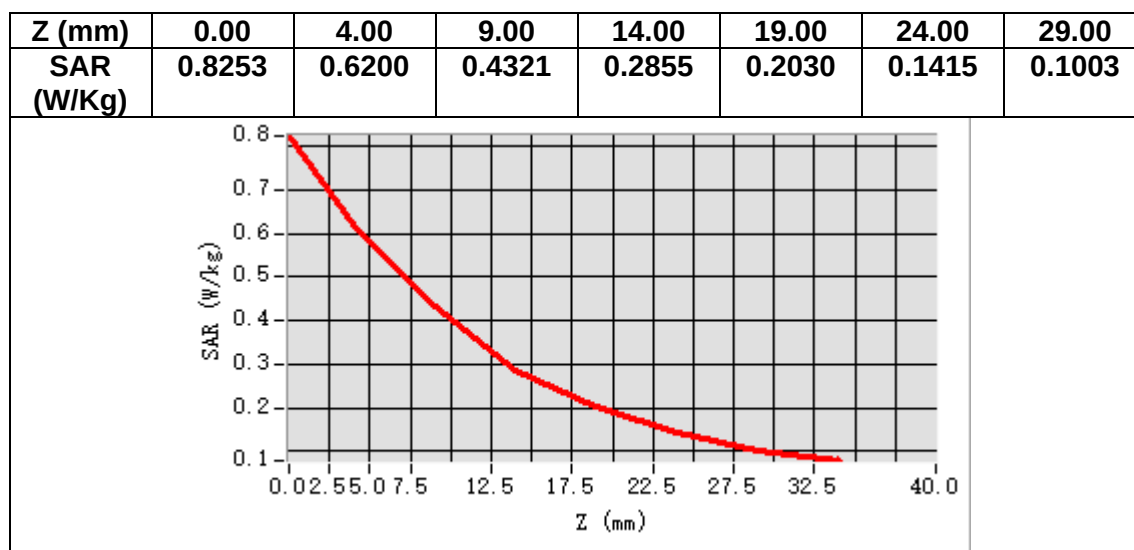
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.825031
Relative permittivity (imaginary part)	19.681705
Conductivity (S/m)	0.914543
Variation (%)	-0.320000



Maximum location: X=-9.00, Y=-11.00

SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.366262
SAR 1g (W/Kg)	0.598002



MEASUREMENT 3

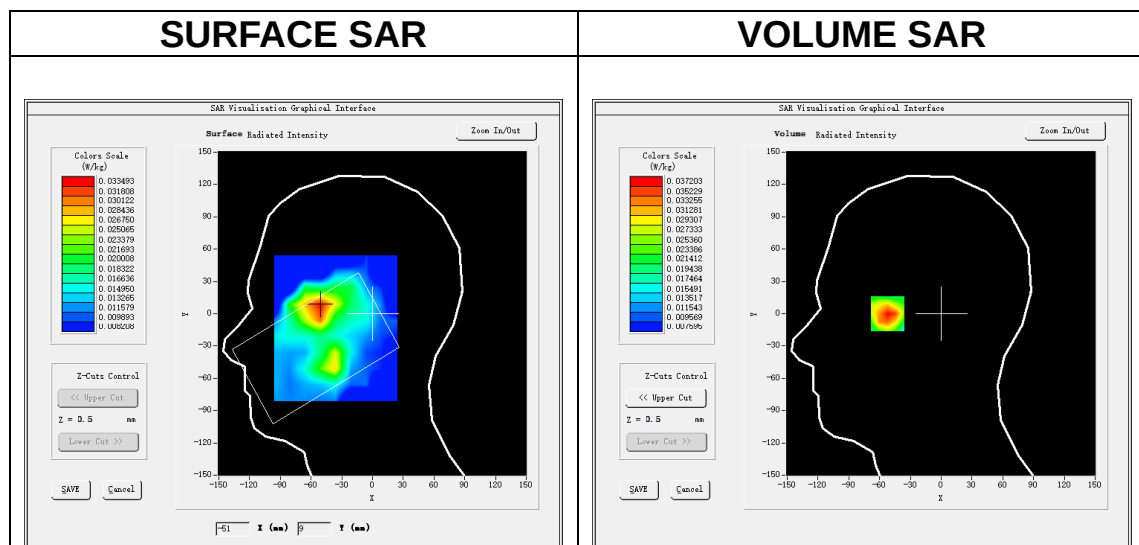
Date of measurement: 26/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>
<u>ConvF</u>	<u>2.57</u>

B. SAR Measurement Results

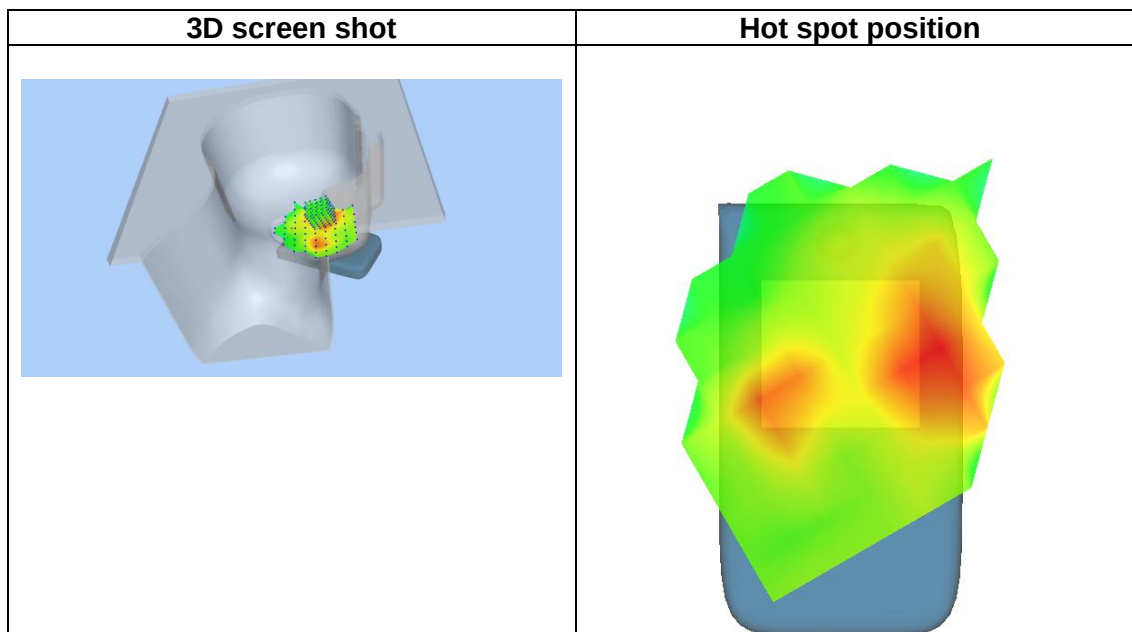
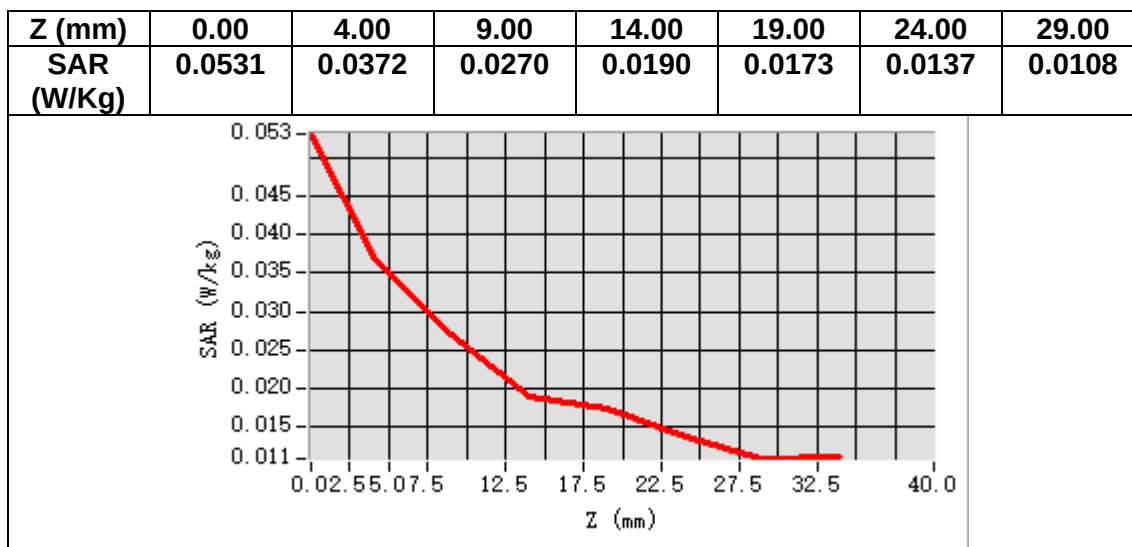
Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.124363
Relative permittivity (imaginary part)	13.715540
Conductivity (S/m)	1.432512
Variation (%)	1.050000



Maximum location: X=-52.00, Y=5.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.024330
SAR 1g (W/Kg)	0.036841



MEASUREMENT 4

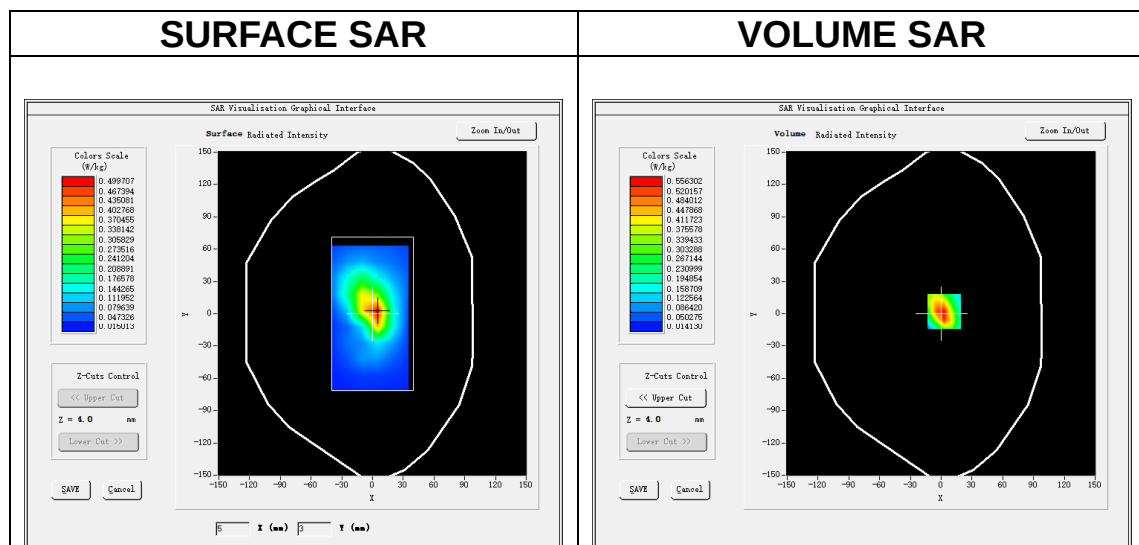
Date of measurement: 26/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>
<u>ConvF</u>	<u>2.57</u>

B. SAR Measurement Results

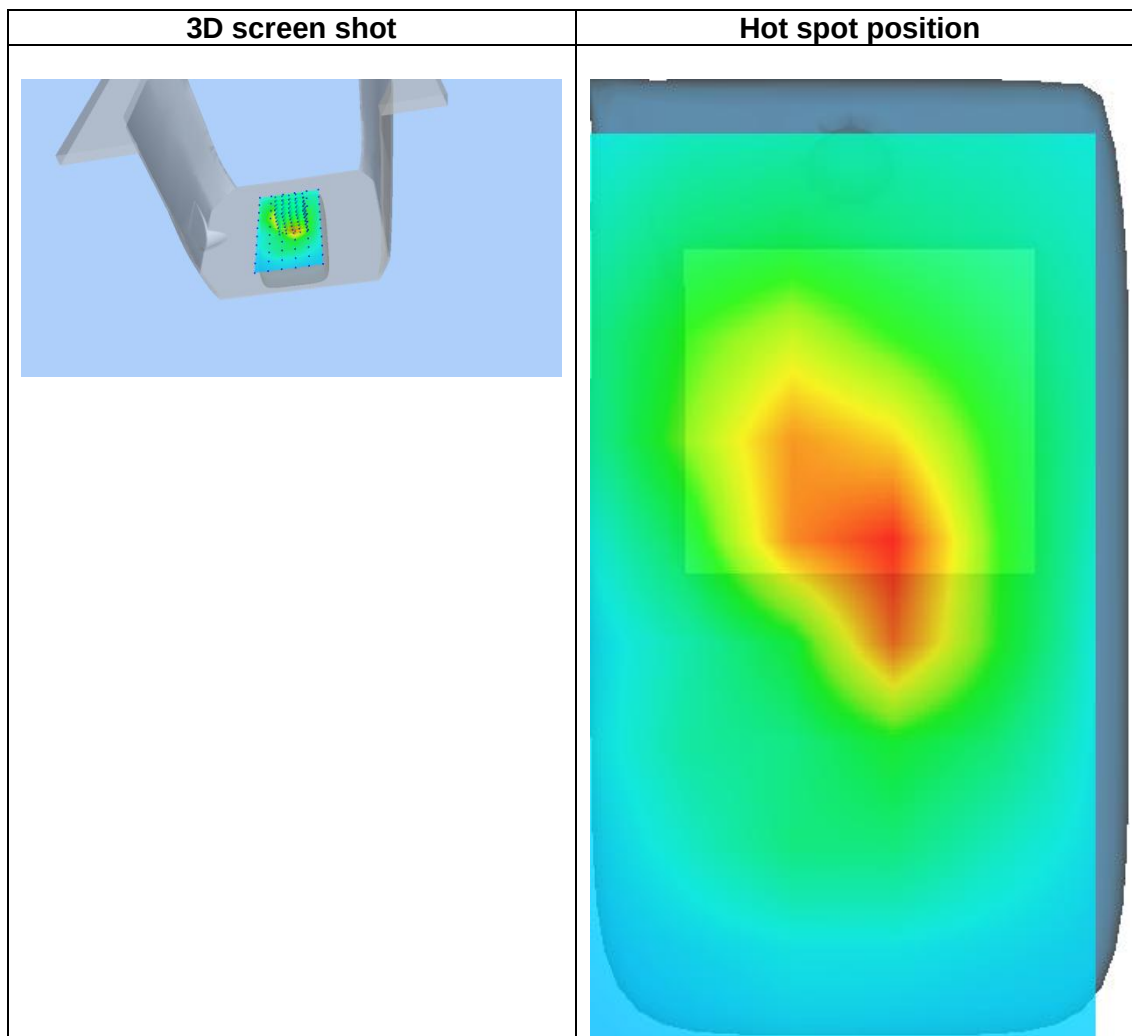
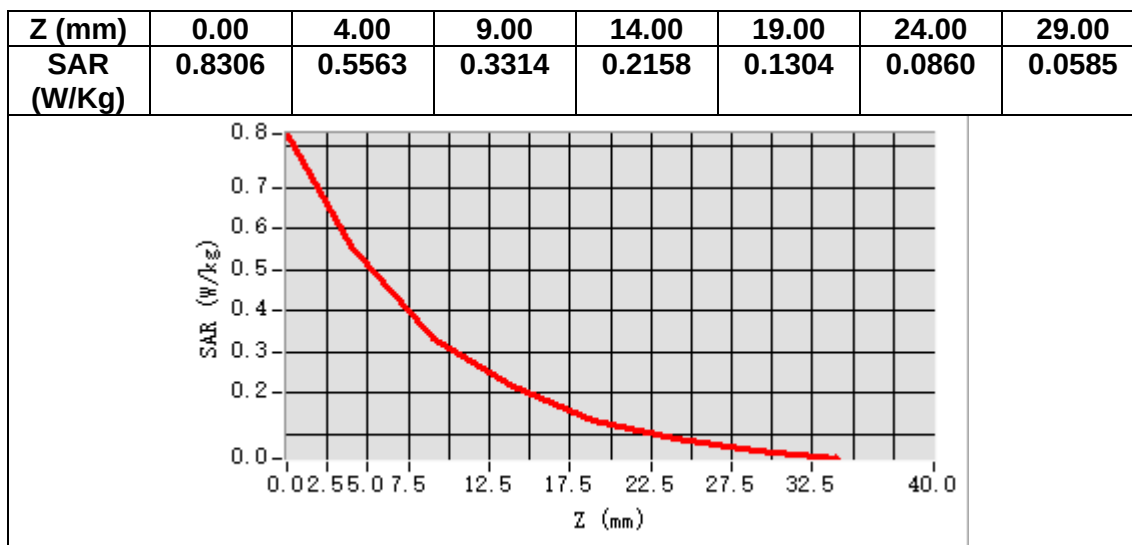
Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.124363
Relative permittivity (imaginary part)	13.715540
Conductivity (S/m)	1.432512
Variation (%)	-2.640000



Maximum location: X=3.00, Y=2.00

SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.286312
SAR 1g (W/Kg)	0.545234



MEASUREMENT 5

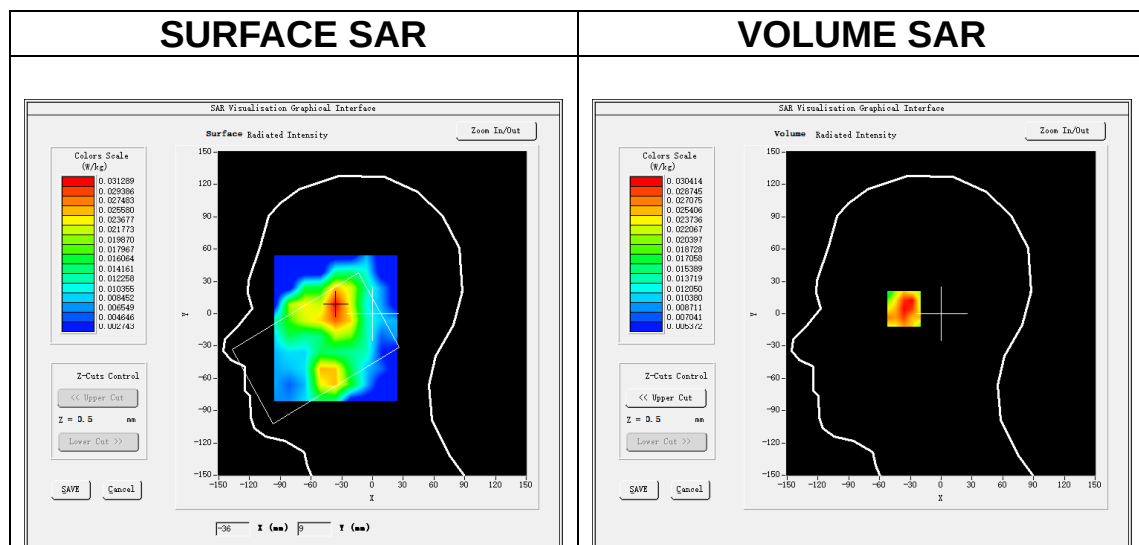
Date of measurement: 26/1/2025

A. Experimental conditions.

Area Scan	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>Band2 WCDMA1900</u>
Channels	<u>Middle</u>
Signal	<u>WCDMA (Crest factor: 1.0)</u>
ConvF	<u>2.57</u>

B. SAR Measurement Results

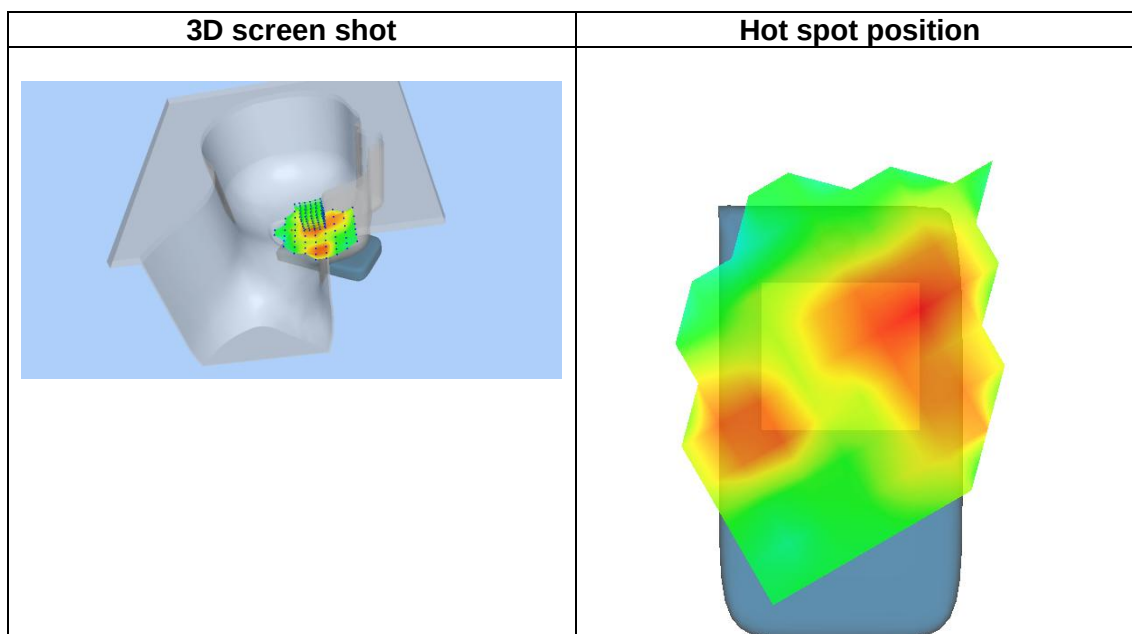
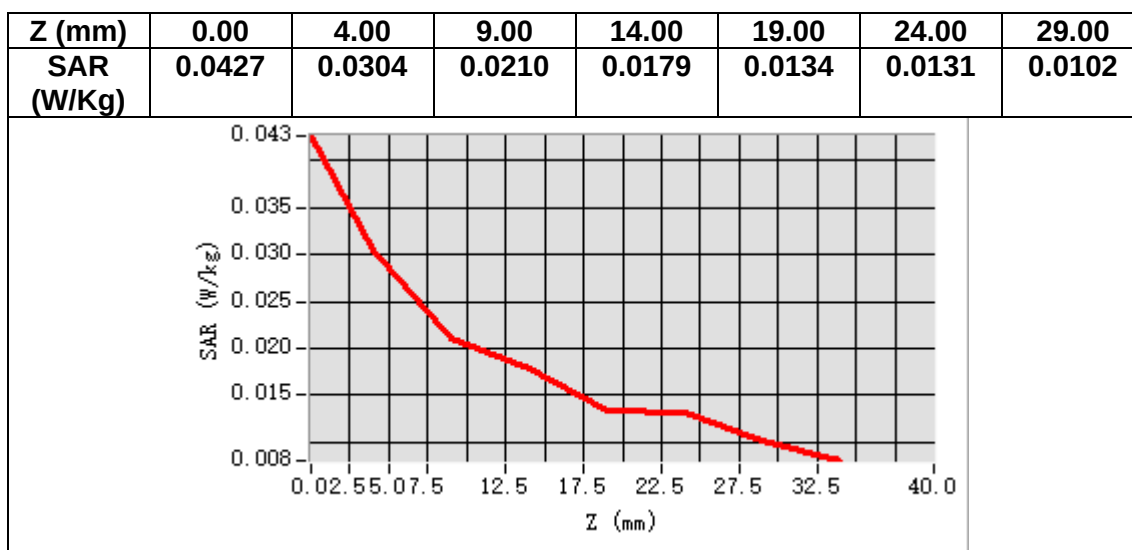
Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.124363
Relative permittivity (imaginary part)	13.715540
Conductivity (S/m)	1.432512
Variation (%)	1.000000



Maximum location: X=-36.00, Y=8.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.021814
SAR 1g (W/Kg)	0.032346



MEASUREMENT 6

Date of measurement: 26/1/2025

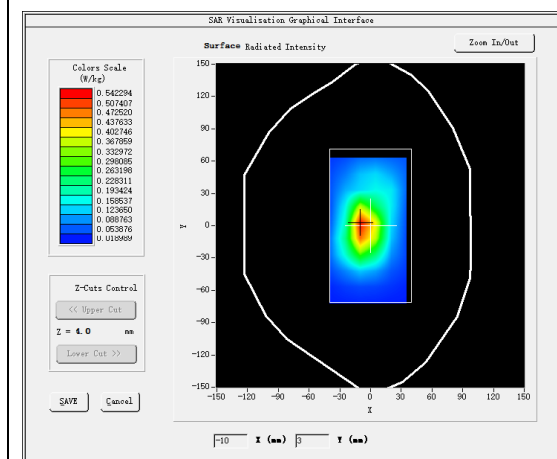
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.57</u>

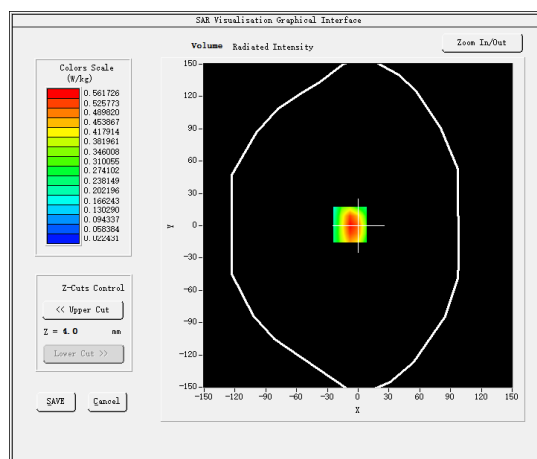
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.124363
Relative permittivity (imaginary part)	13.715540
Conductivity (S/m)	1.432512
Variation (%)	-2.470000

SURFACE SAR



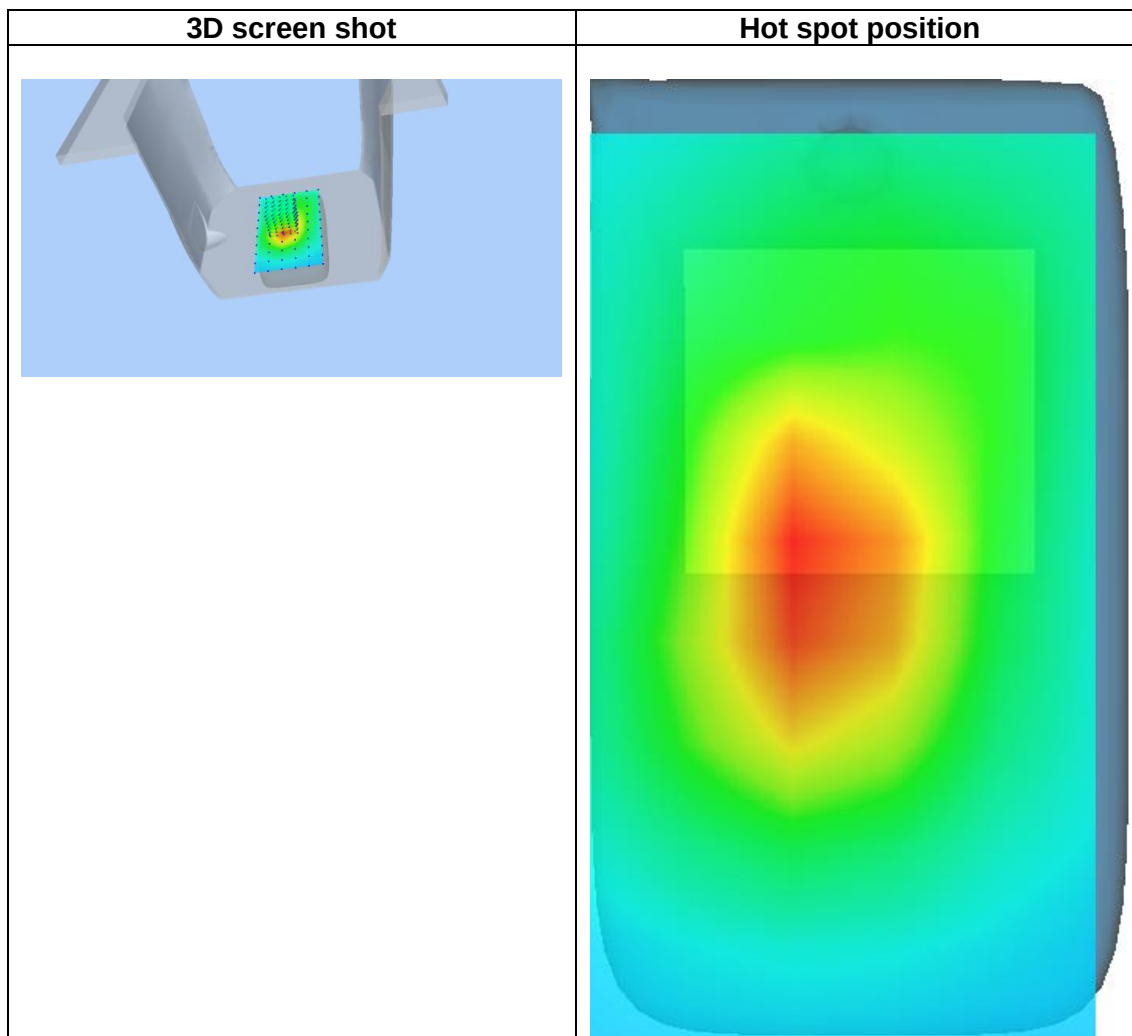
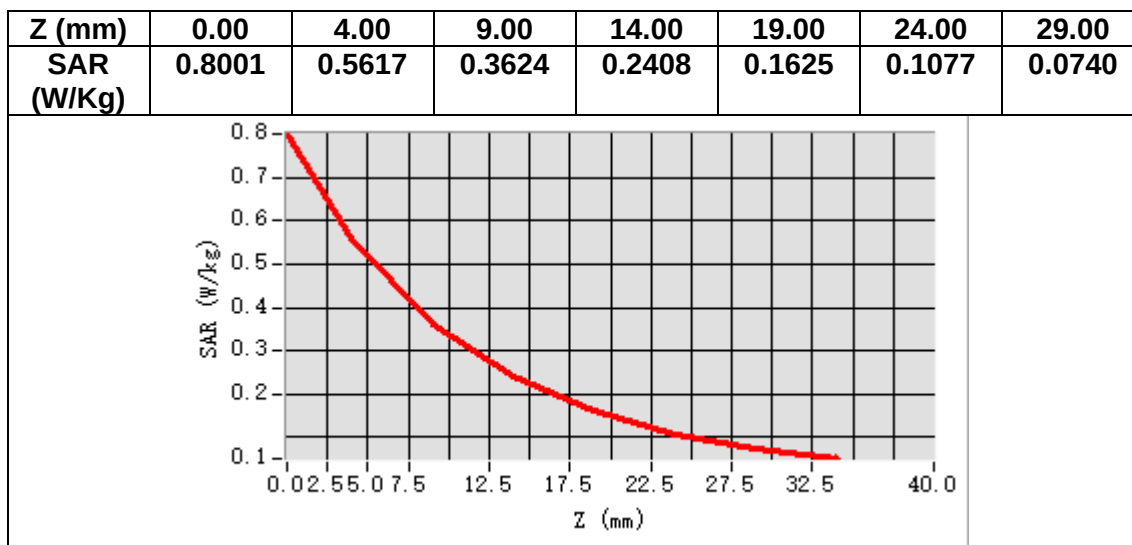
VOLUME SAR



Maximum location: X=-8.00, Y=1.00

SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.321102
SAR 1g (W/Kg)	0.546511



MEASUREMENT 7

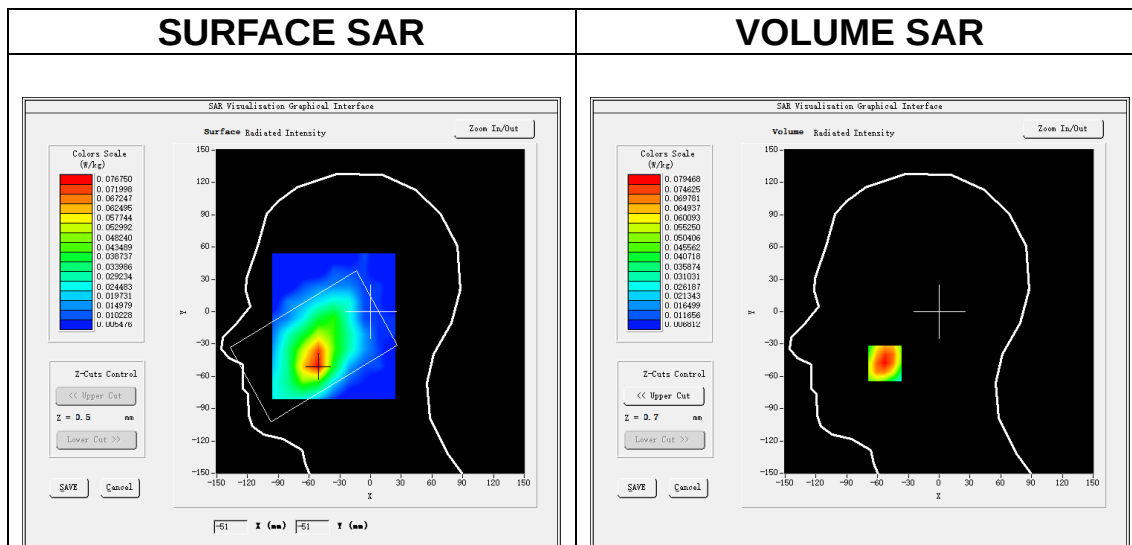
Date of measurement: 24/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.51</u>

B. SAR Measurement Results

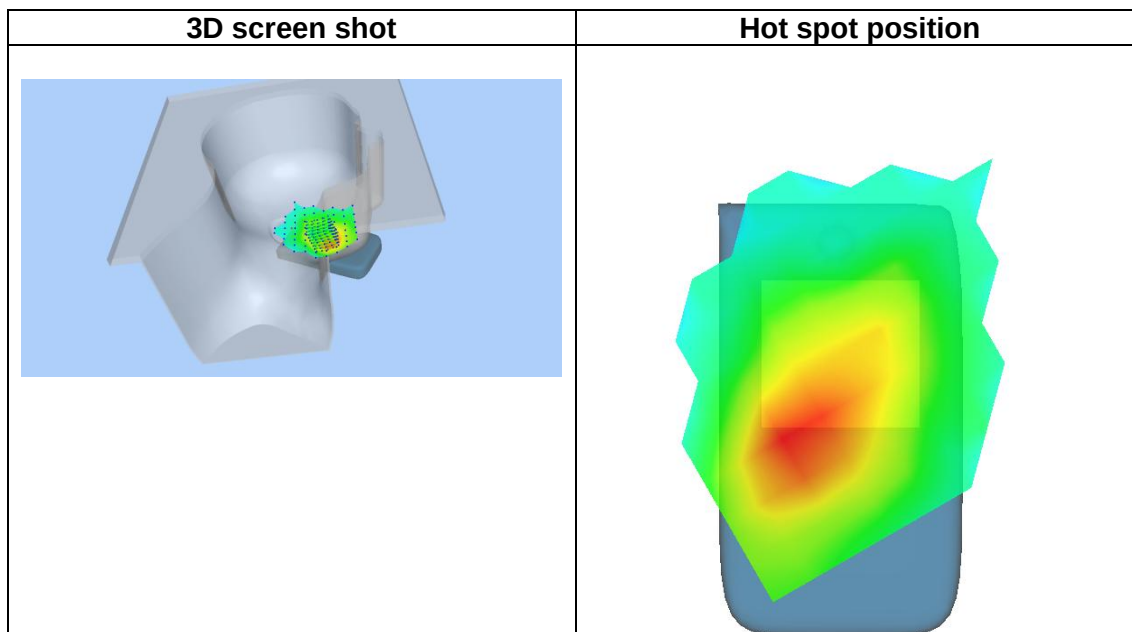
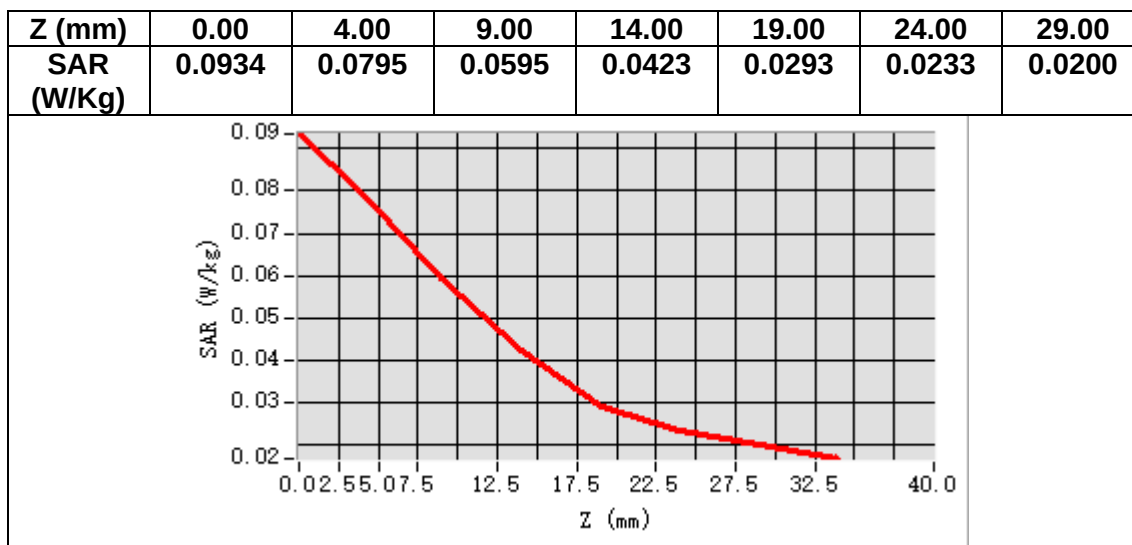
Frequency (MHz)	1732.600000
Relative permittivity (real part)	39.887253
Relative permittivity (imaginary part)	13.928398
Conductivity (S/m)	1.340221
Variation (%)	4.040000



Maximum location: X=-53.00, Y=-48.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.050700
SAR 1g (W/Kg)	0.074449



MEASUREMENT 8

Date of measurement: 24/1/2025

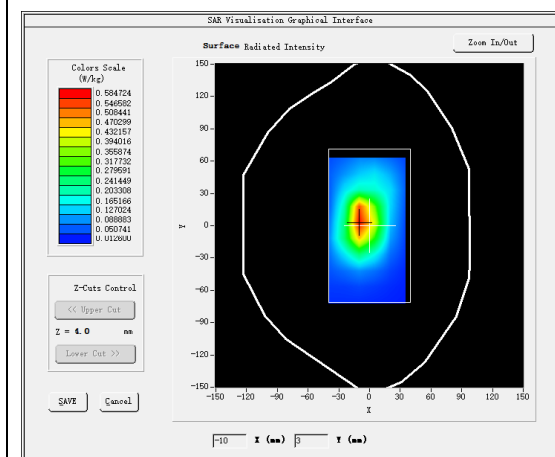
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.51</u>

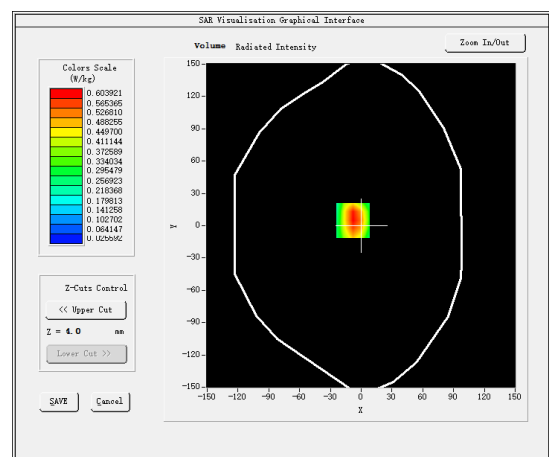
B. SAR Measurement Results

Frequency (MHz)	1732.600000
Relative permittivity (real part)	39.887253
Relative permittivity (imaginary part)	13.928398
Conductivity (S/m)	1.340221
Variation (%)	-2.210000

SURFACE SAR



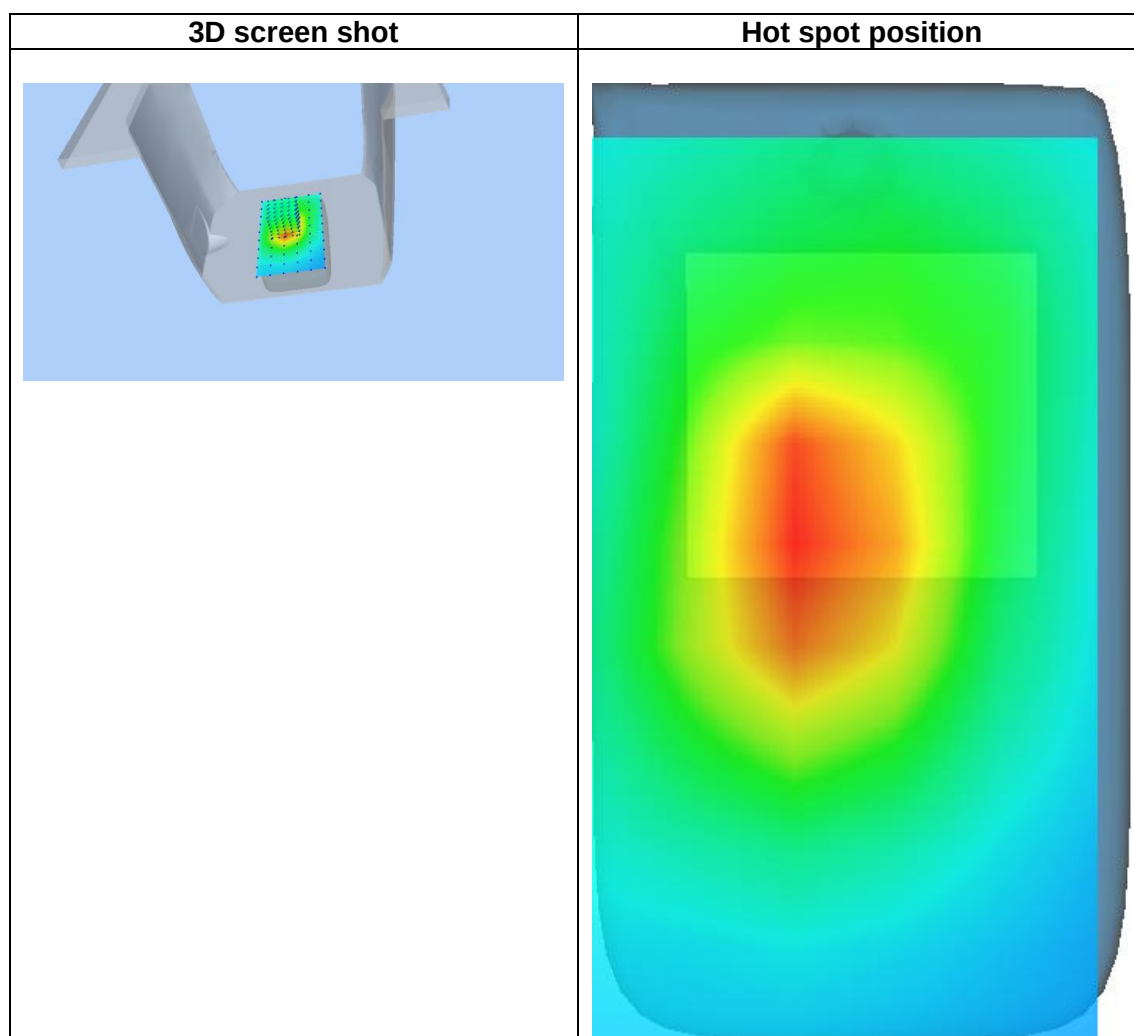
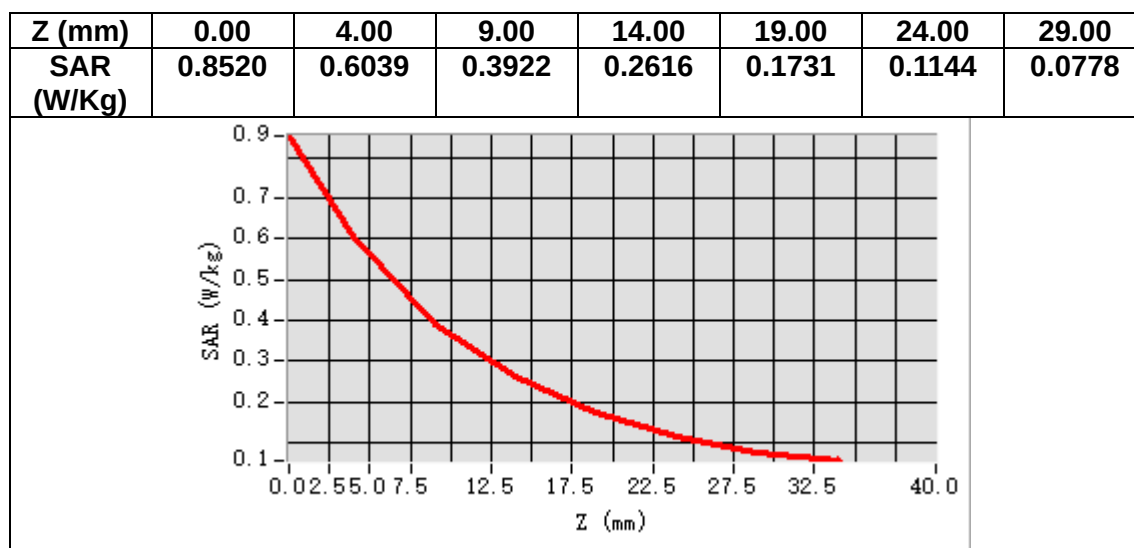
VOLUME SAR



Maximum location: X=-8.00, Y=5.00

SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)	0.341281
SAR 1g (W/Kg)	0.577623



MEASUREMENT 9

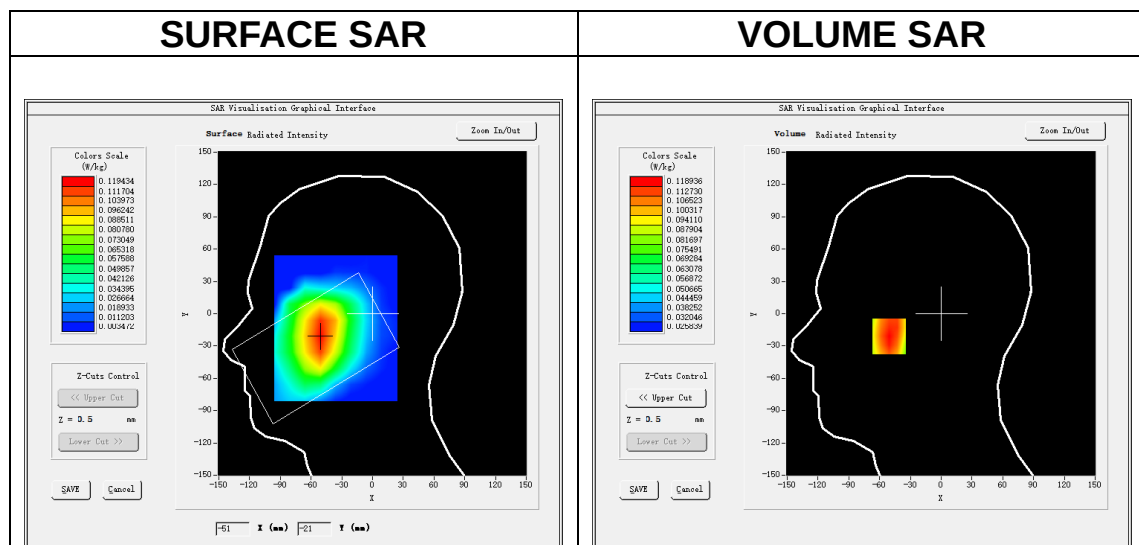
Date of measurement: 22/1/2025

A. Experimental conditions.

Area Scan	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>Band5 WCDMA850</u>
Channels	<u>Middle</u>
Signal	<u>WCDMA (Crest factor: 1.0)</u>
ConvF	<u>2.34</u>

B. SAR Measurement Results

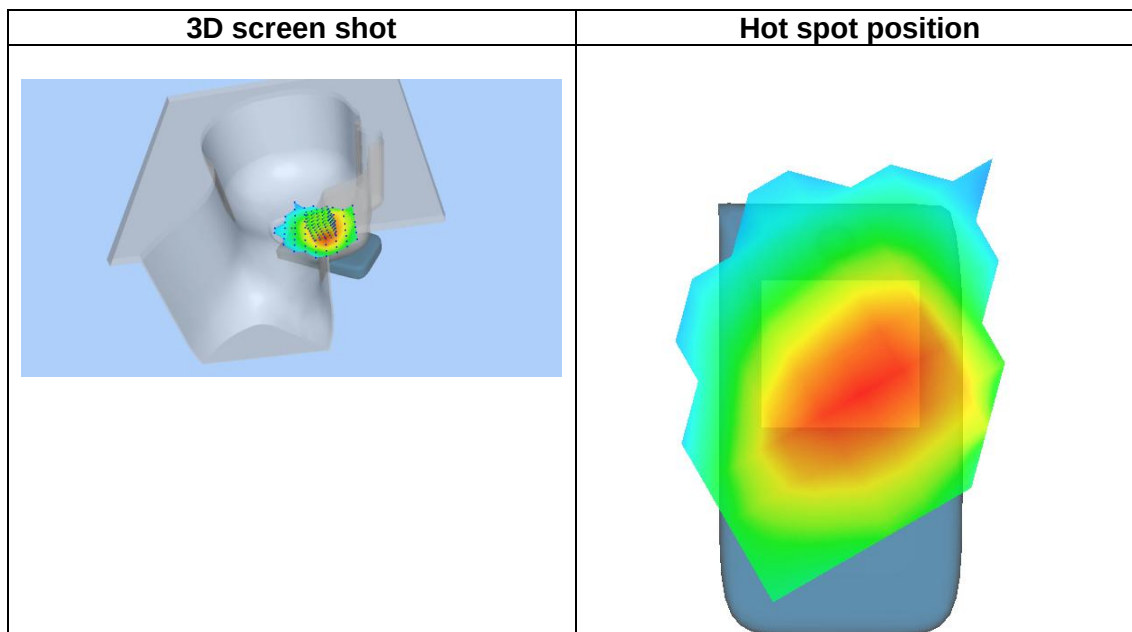
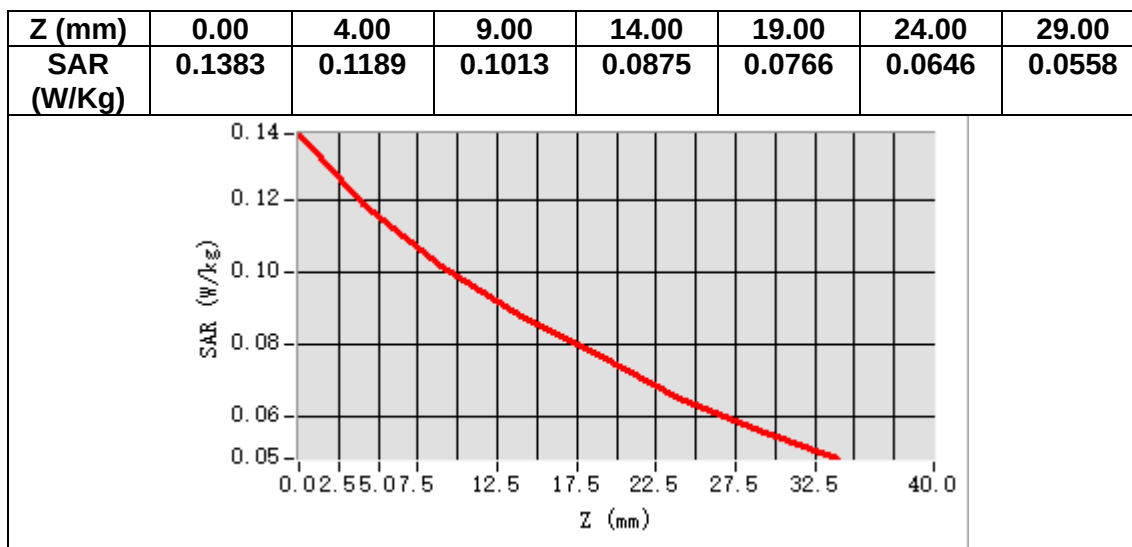
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.825031
Relative permittivity (imaginary part)	19.681705
Conductivity (S/m)	0.914543
Variation (%)	2.460000



Maximum location: X=-51.00, Y=-21.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.094089
SAR 1g (W/Kg)	0.116858



MEASUREMENT 10

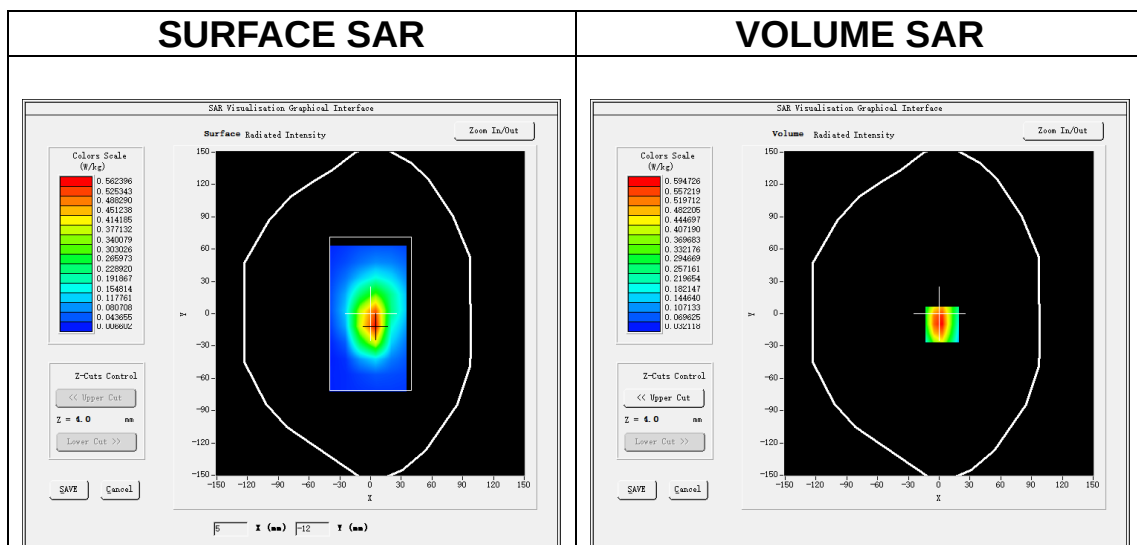
Date of measurement: 22/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.34</u>

B. SAR Measurement Results

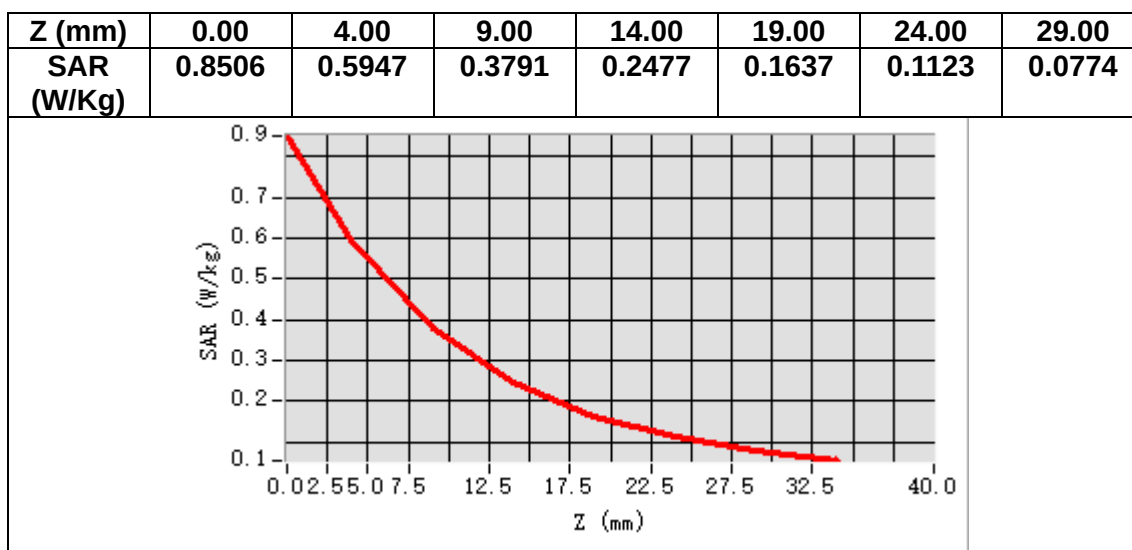
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.825031
Relative permittivity (imaginary part)	19.681705
Conductivity (S/m)	0.914543
Variation (%)	-1.060000



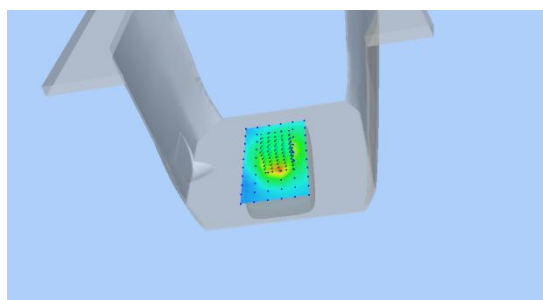
Maximum location: X=3.00, Y=-10.00

SAR Peak: 0.88 W/kg

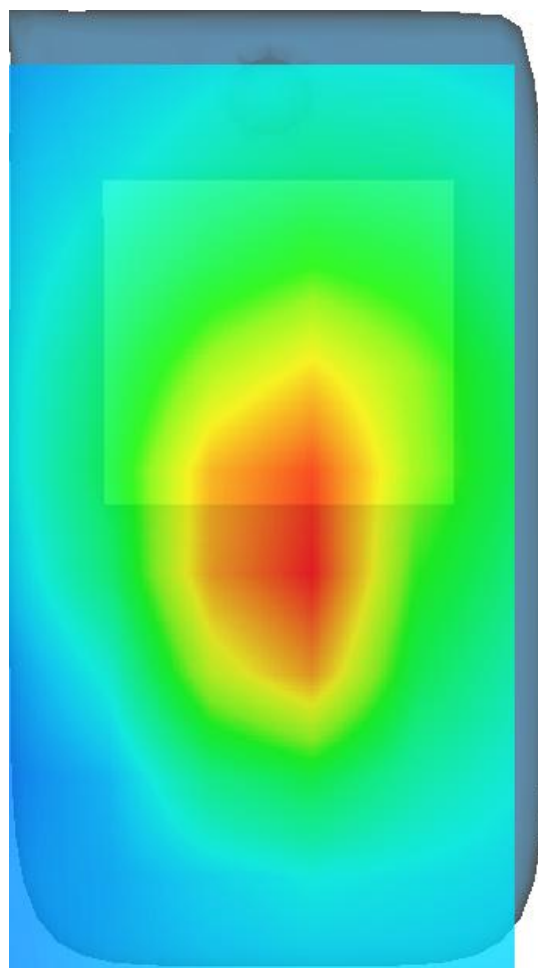
SAR 10g (W/Kg)	0.337172
SAR 1g (W/Kg)	0.577881



3D screen shot



Hot spot position



MEASUREMENT 11

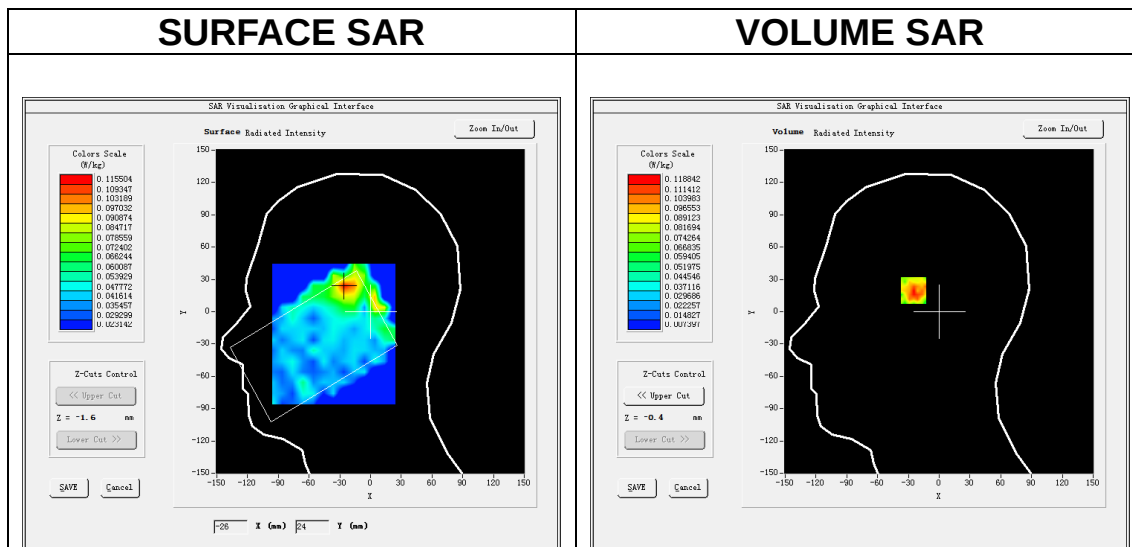
Date of measurement: 29/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11ac U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11ac (Crest factor: 1.0)</u>
ConvF	<u>1.89</u>

B. SAR Measurement Results

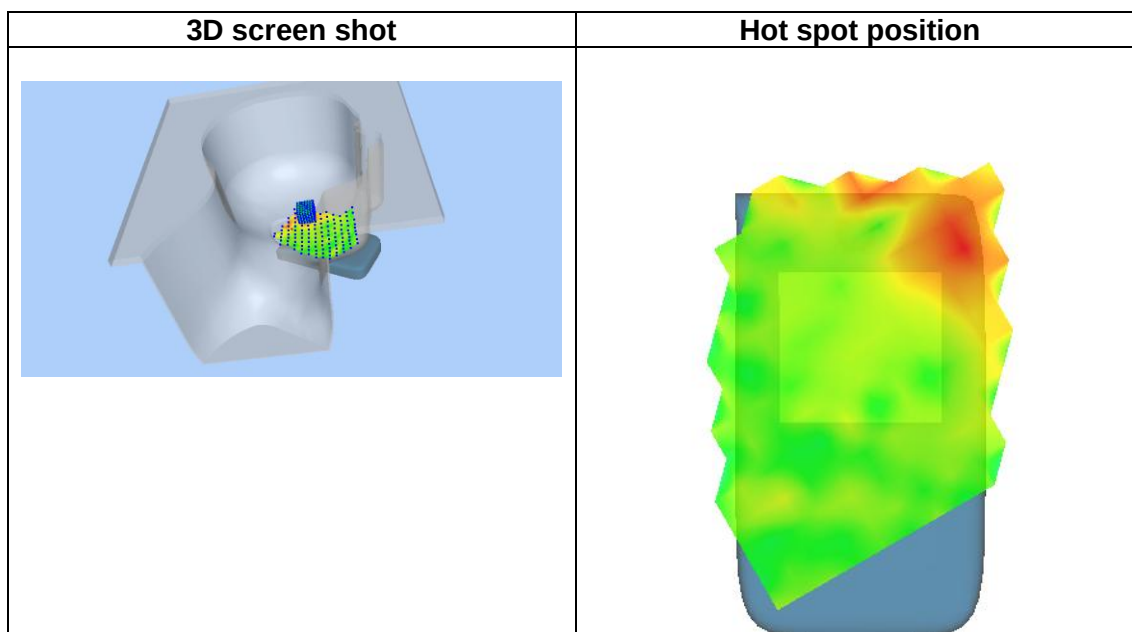
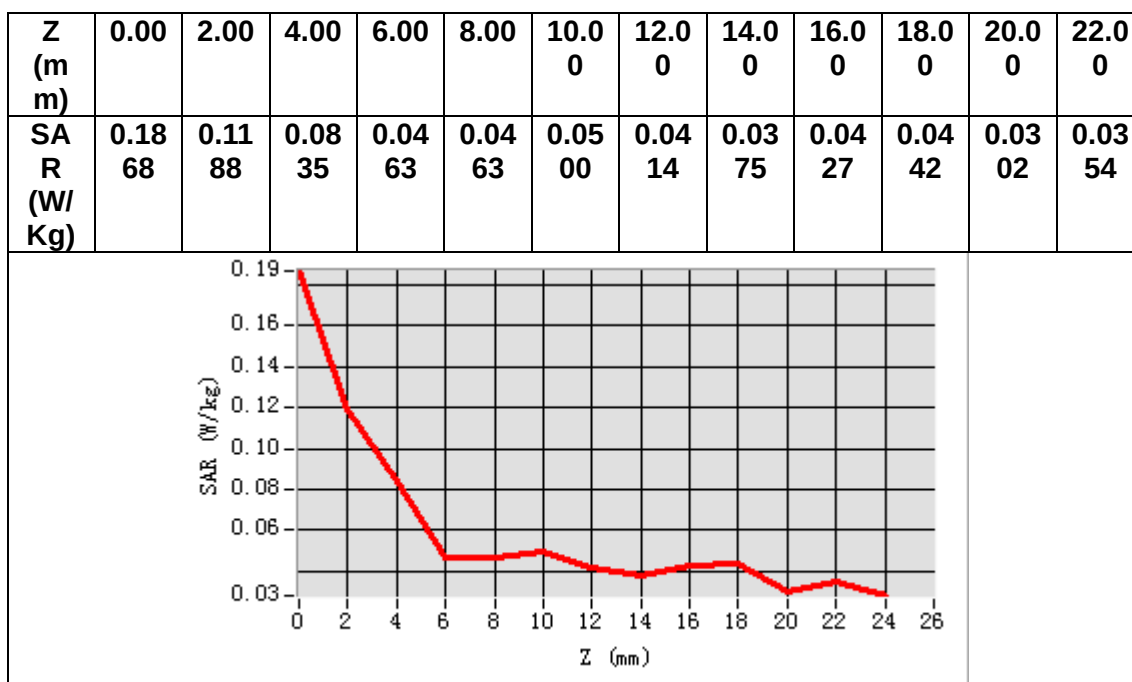
Frequency (MHz)	5190.000000
Relative permittivity (real part)	34.700005
Relative permittivity (imaginary part)	15.470512
Conductivity (S/m)	4.460637
Variation (%)	1.440000



Maximum location: X=-25.00, Y=23.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.067170
SAR 1g (W/Kg)	0.110452



MEASUREMENT 12

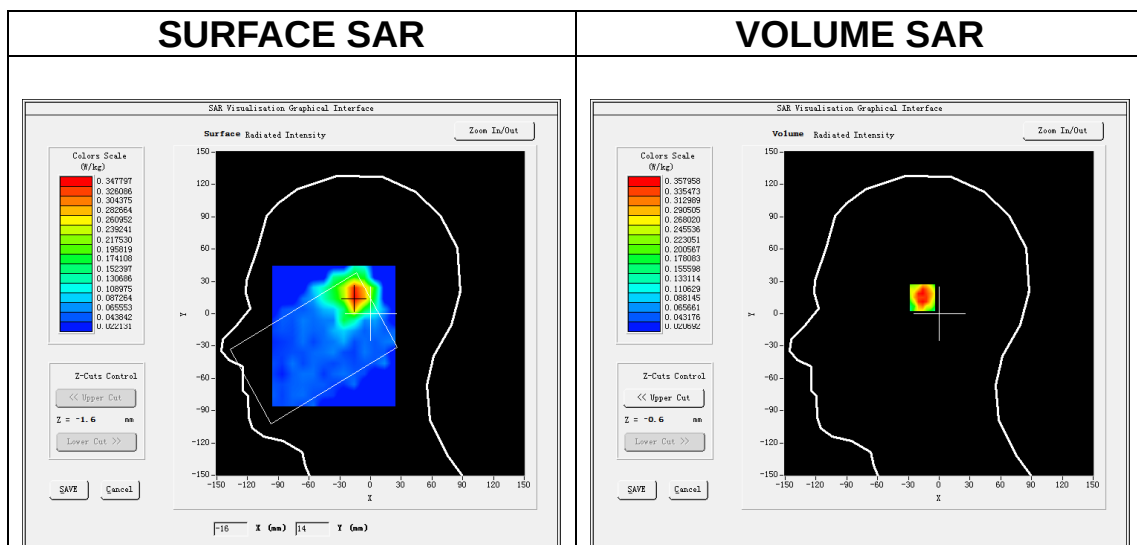
Date of measurement: 30/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11n U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11n (Crest factor: 1.0)</u>
ConvF	<u>1.90</u>

B. SAR Measurement Results

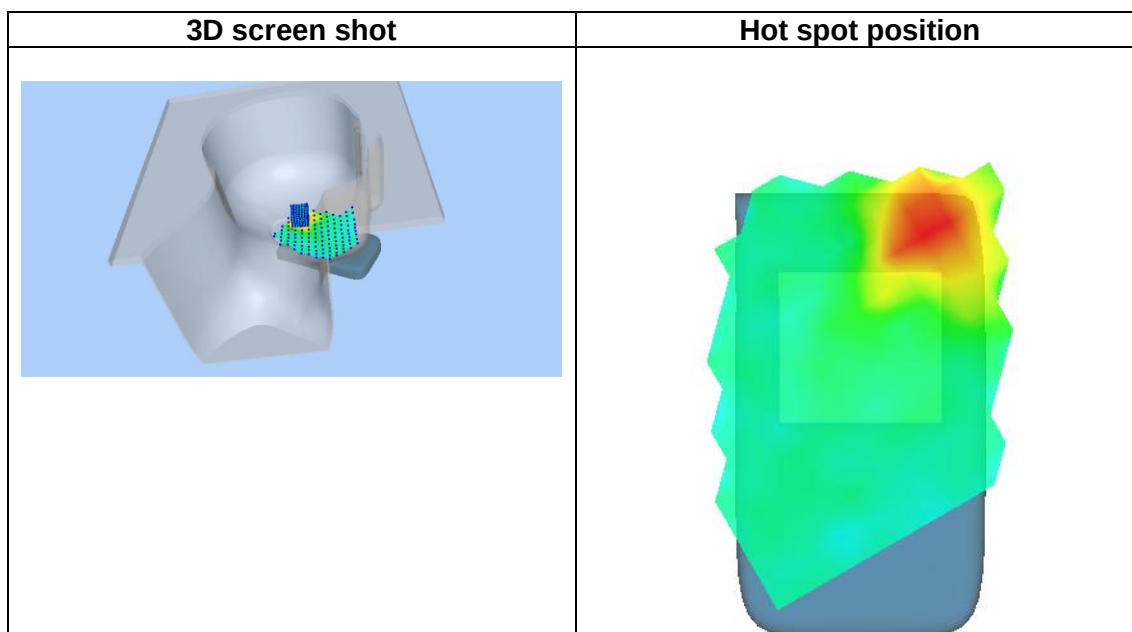
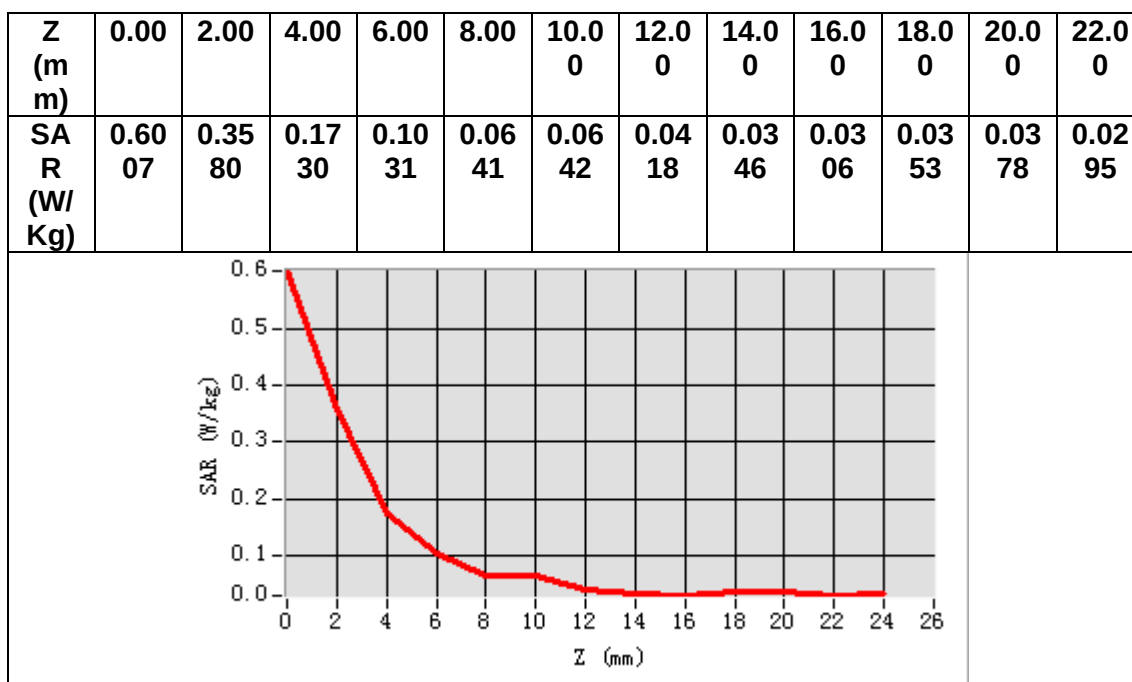
Frequency (MHz)	5775.000000
Relative permittivity (real part)	34.262746
Relative permittivity (imaginary part)	16.181577
Conductivity (S/m)	5.191589
Variation (%)	-4.390000



Maximum location: X=-14.00, Y=16.00

SAR Peak: 0.99 W/kg

SAR 10g (W/Kg)	0.165596
SAR 1g (W/Kg)	0.361656



MEASUREMENT 13

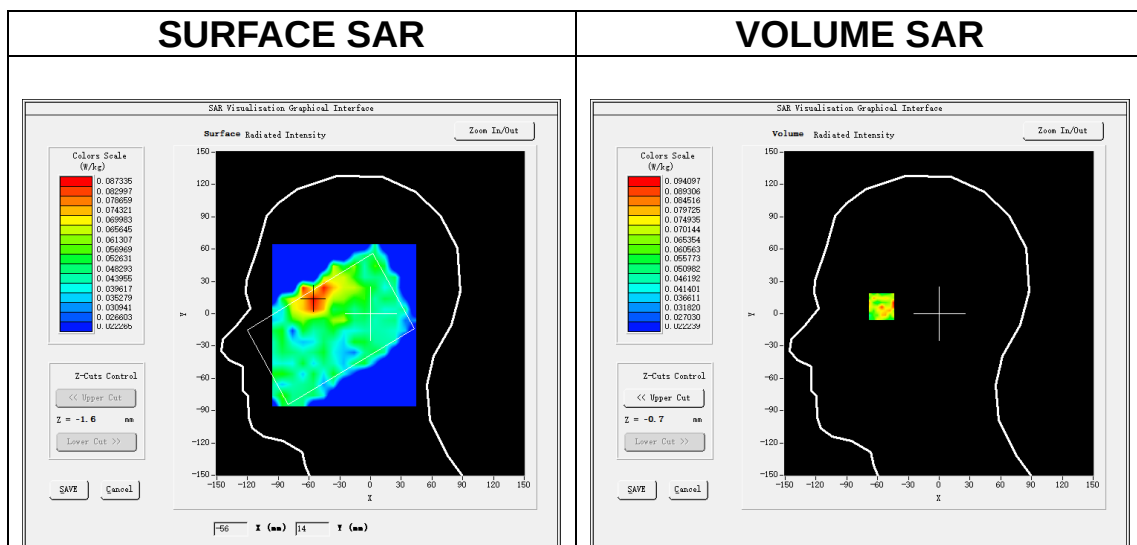
Date of measurement: 29/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11n U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11n (Crest factor: 1.0)</u>
ConvF	<u>1.89</u>

B. SAR Measurement Results

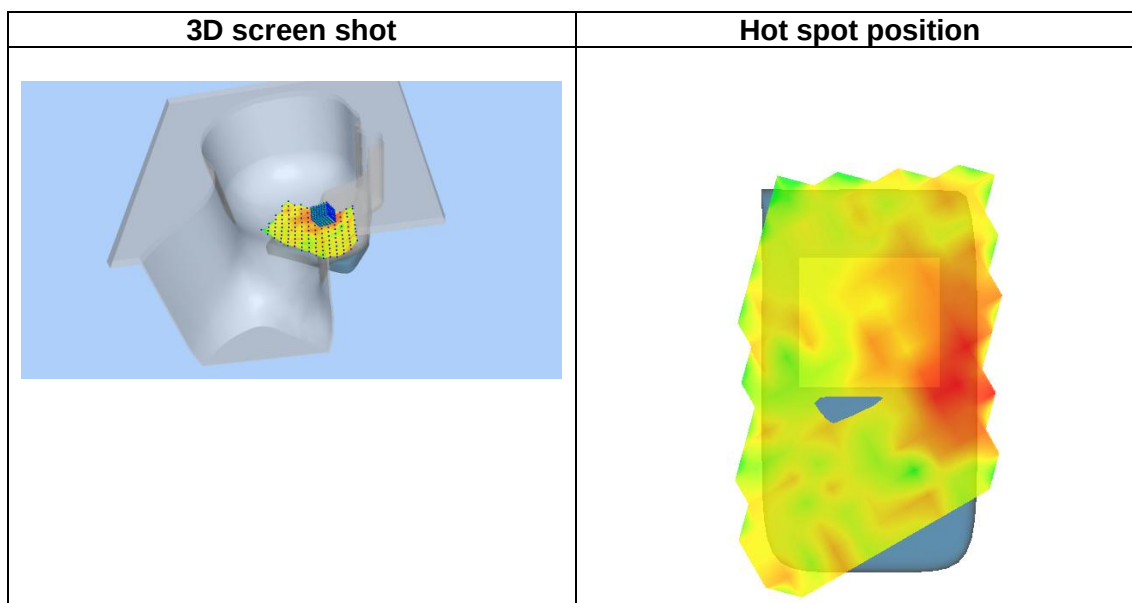
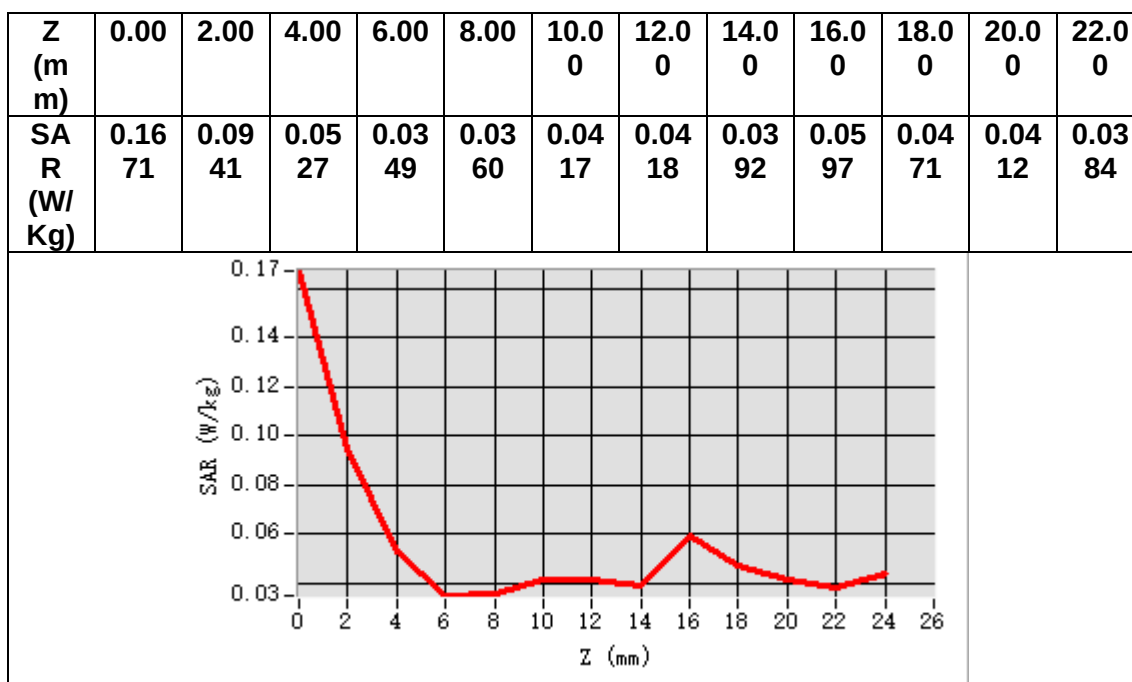
Frequency (MHz)	5230.000000
Relative permittivity (real part)	34.701963
Relative permittivity (imaginary part)	15.708192
Conductivity (S/m)	4.564102
Variation (%)	-4.270000



Maximum location: X=-56.00, Y=12.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.056867
SAR 1g (W/Kg)	0.075445



MEASUREMENT 14

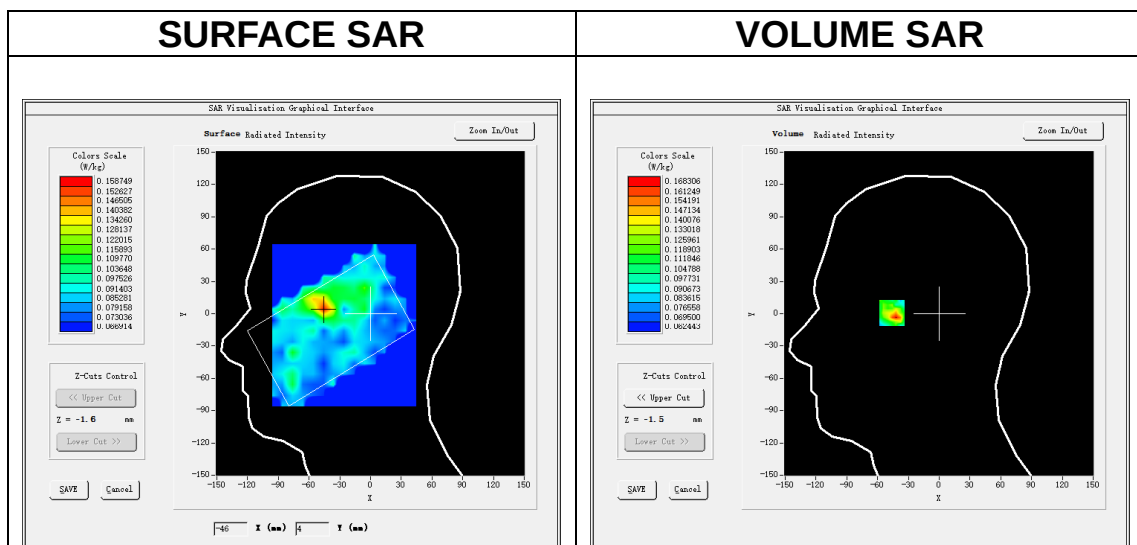
Date of measurement: 30/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>High</u>
Signal	<u>IEEE802.11a (Crest factor: 1.0)</u>
ConvF	<u>1.90</u>

B. SAR Measurement Results

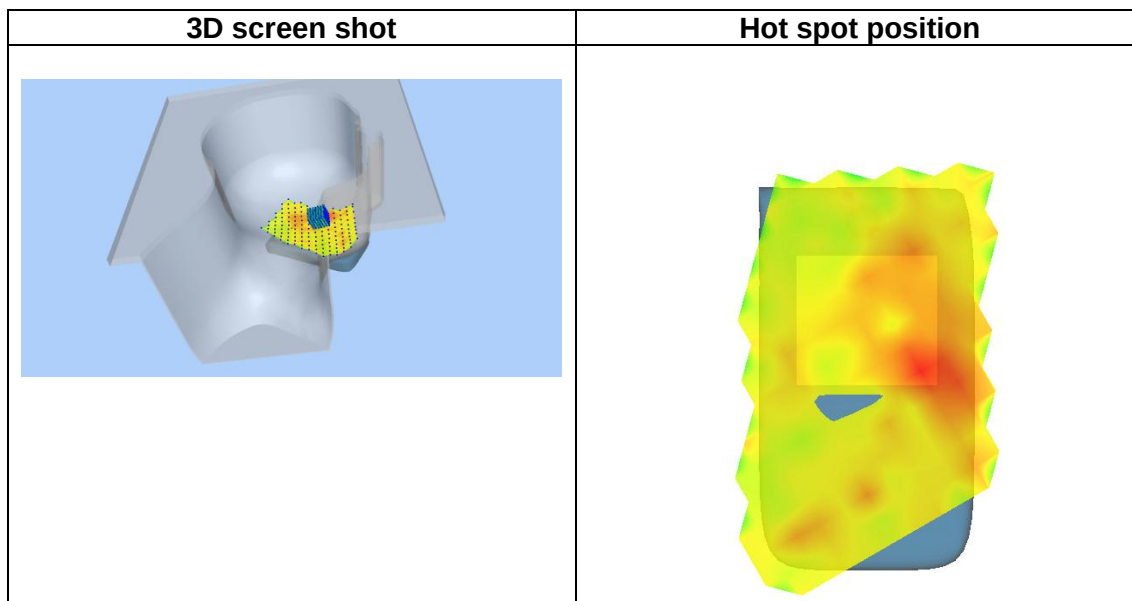
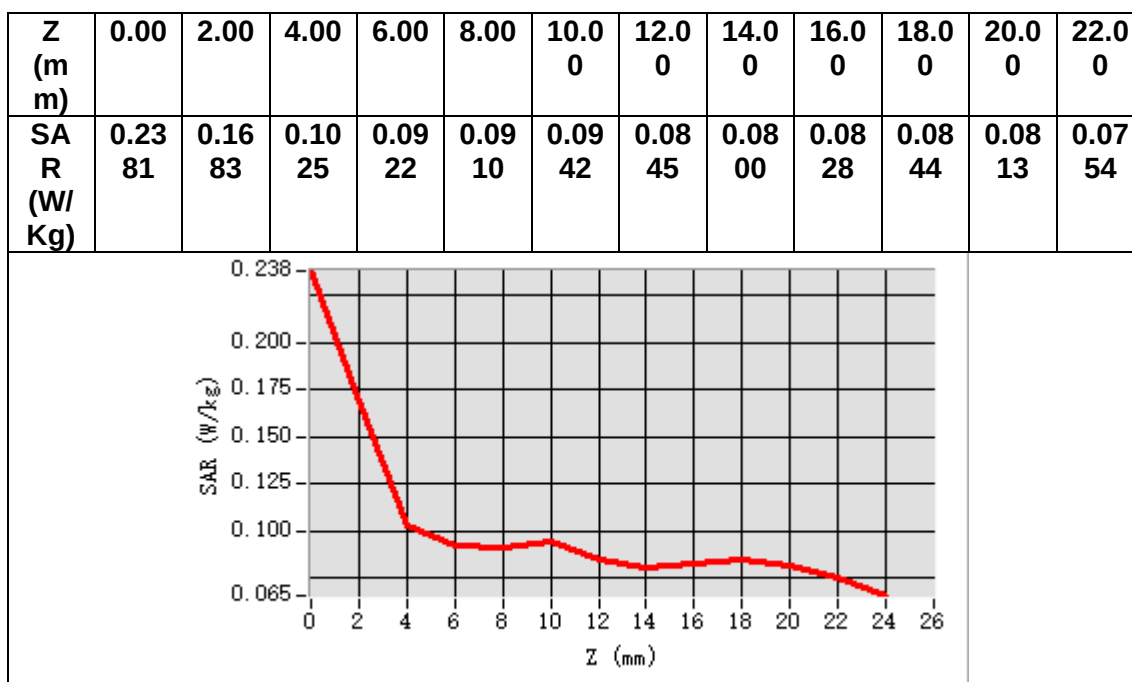
Frequency (MHz)	5825.000000
Relative permittivity (real part)	34.101636
Relative permittivity (imaginary part)	16.143072
Conductivity (S/m)	5.224077
Variation (%)	-3.490000



Maximum location: X=-46.00, Y=5.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.102775
SAR 1g (W/Kg)	0.157029



MEASUREMENT 15

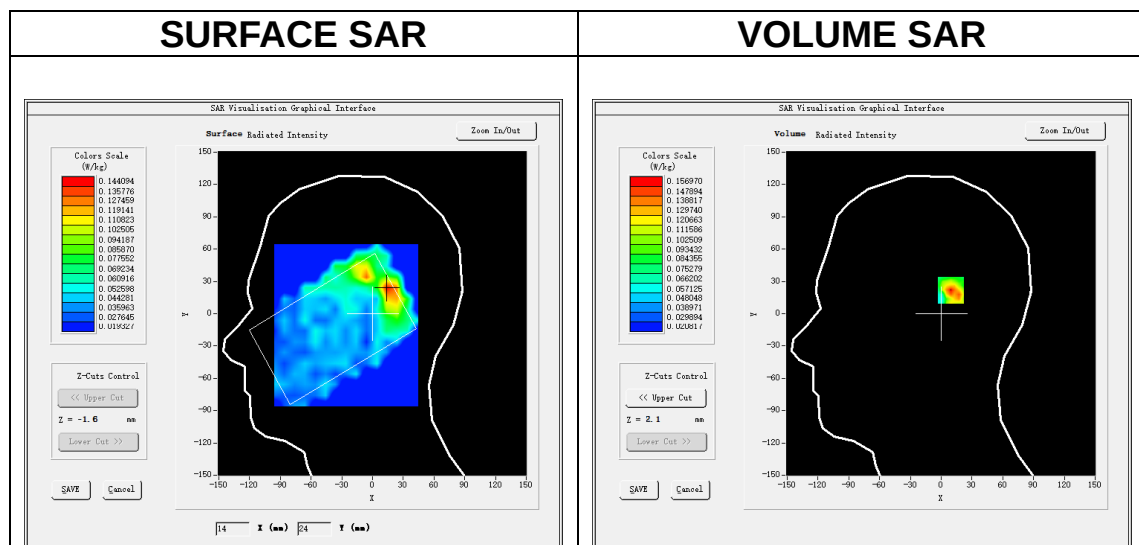
Date of measurement: 31/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11n U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11n (Crest factor: 1.0)</u>
ConvF	<u>1.89</u>

B. SAR Measurement Results

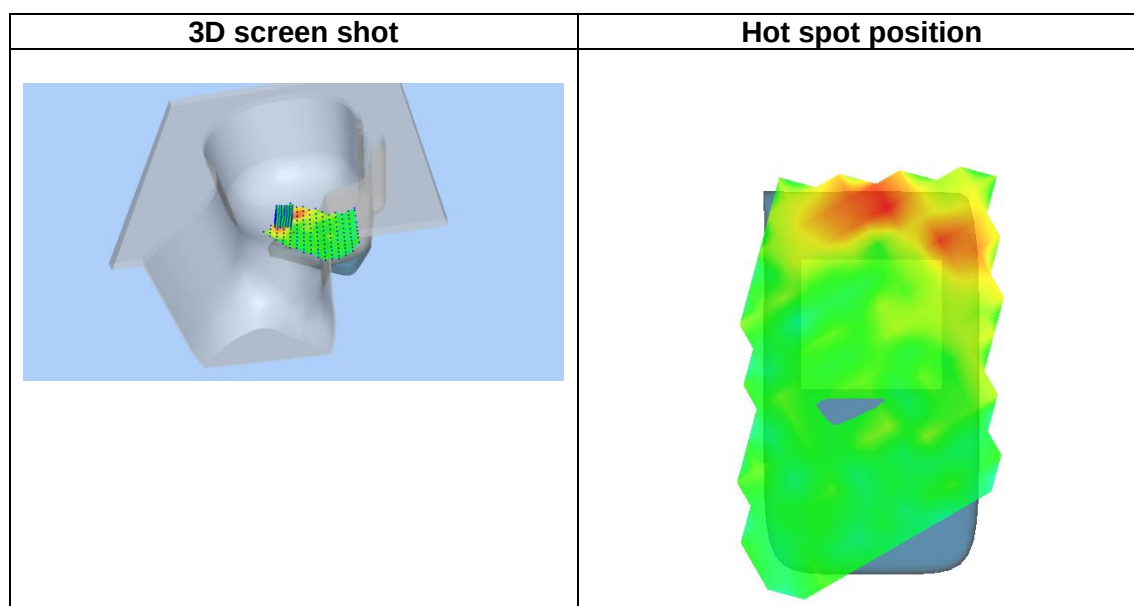
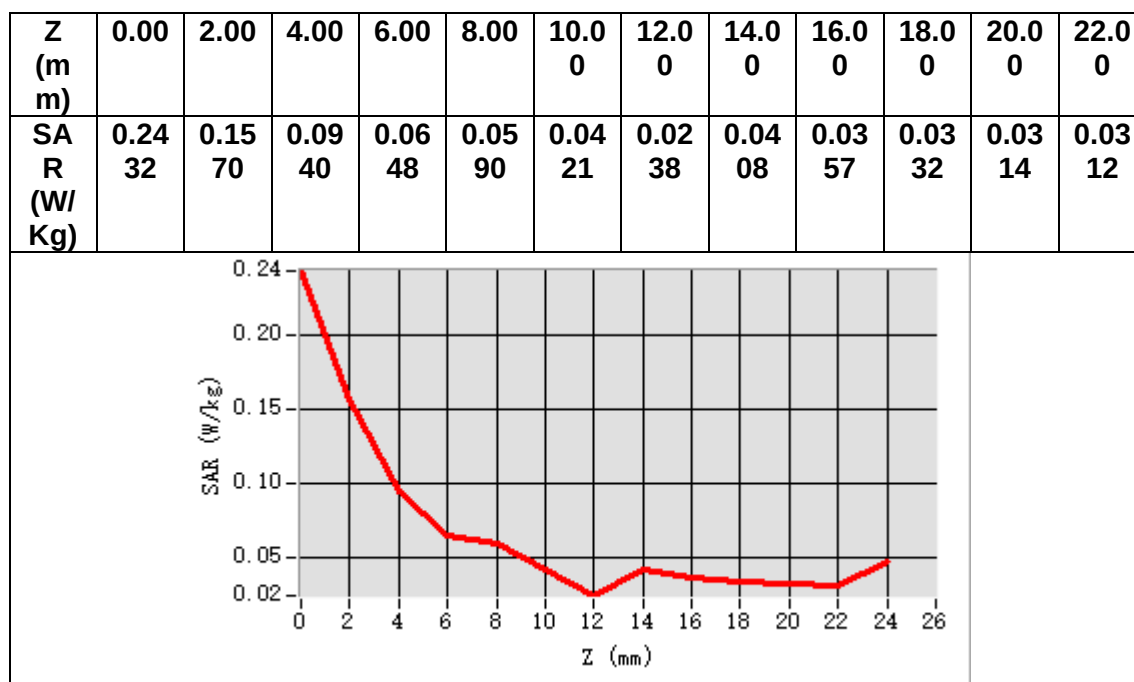
Frequency (MHz)	5230.000000
Relative permittivity (real part)	34.701963
Relative permittivity (imaginary part)	15.708192
Conductivity (S/m)	4.564102
Variation (%)	0.620000



Maximum location: X=16.00, Y=22.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.077346
SAR 1g (W/Kg)	0.146188



MEASUREMENT 16

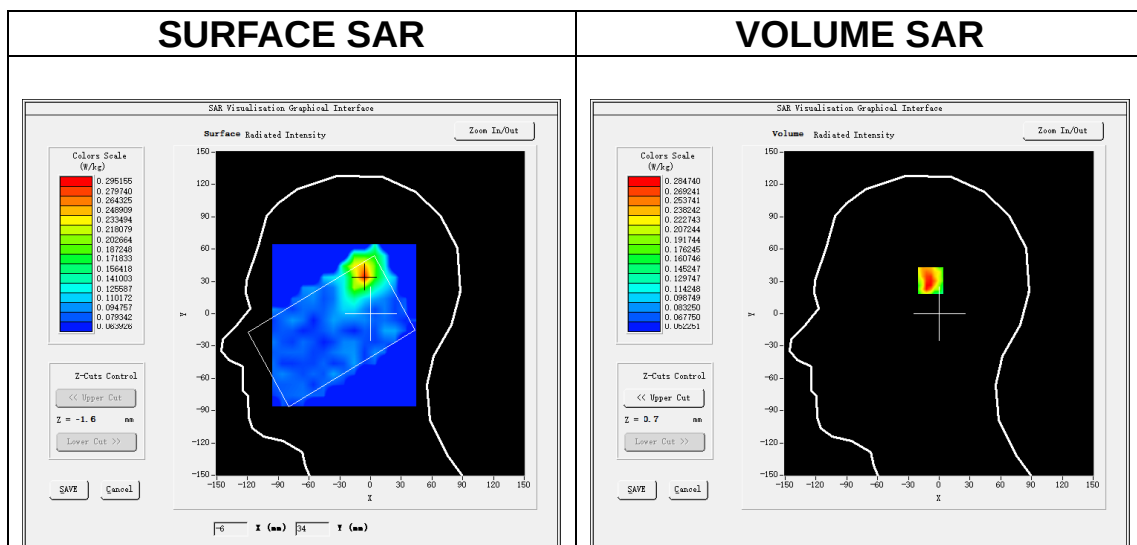
Date of measurement: 2/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11ac U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11ac (Crest factor: 1.0)</u>
ConvF	<u>1.90</u>

B. SAR Measurement Results

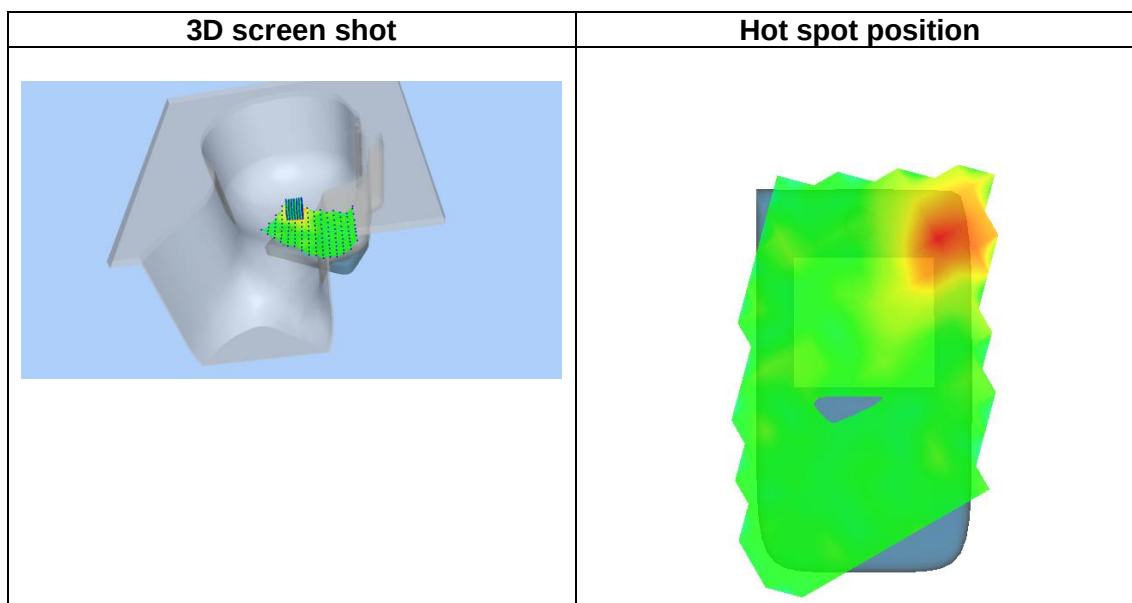
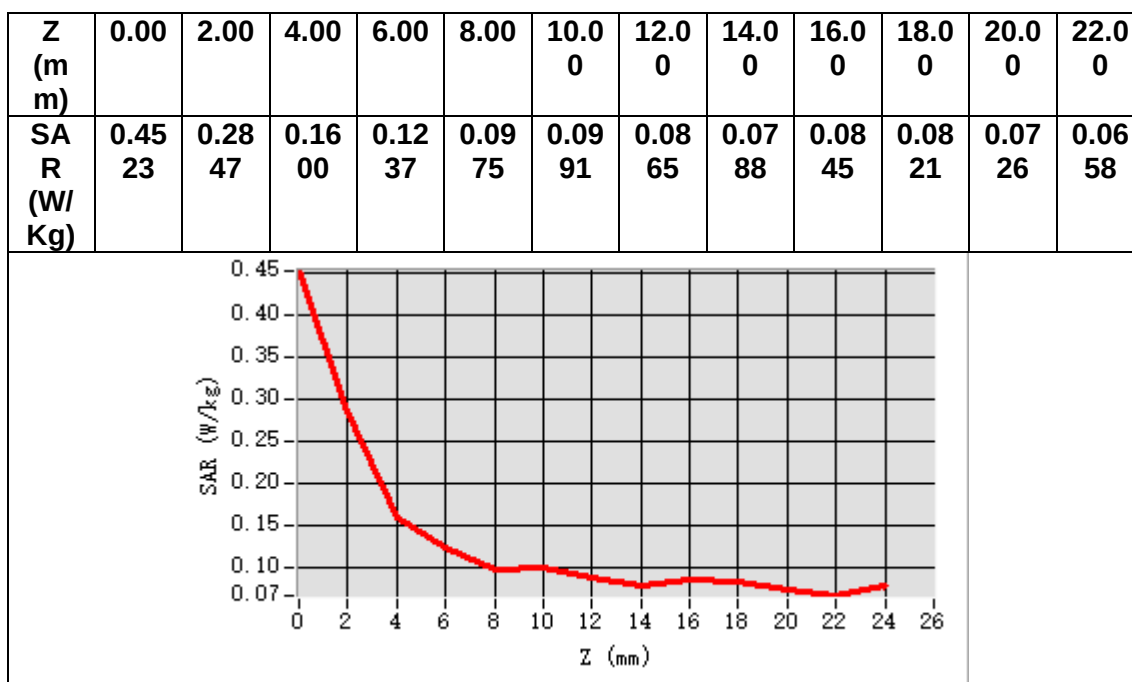
Frequency (MHz)	5785.000000
Relative permittivity (real part)	34.243676
Relative permittivity (imaginary part)	16.037698
Conductivity (S/m)	5.154338
Variation (%)	-3.700000



Maximum location: X=-6.00, Y=35.00

SAR Peak: 0.78 W/kg

SAR 10g (W/Kg)	0.154025
SAR 1g (W/Kg)	0.281938



MEASUREMENT 17

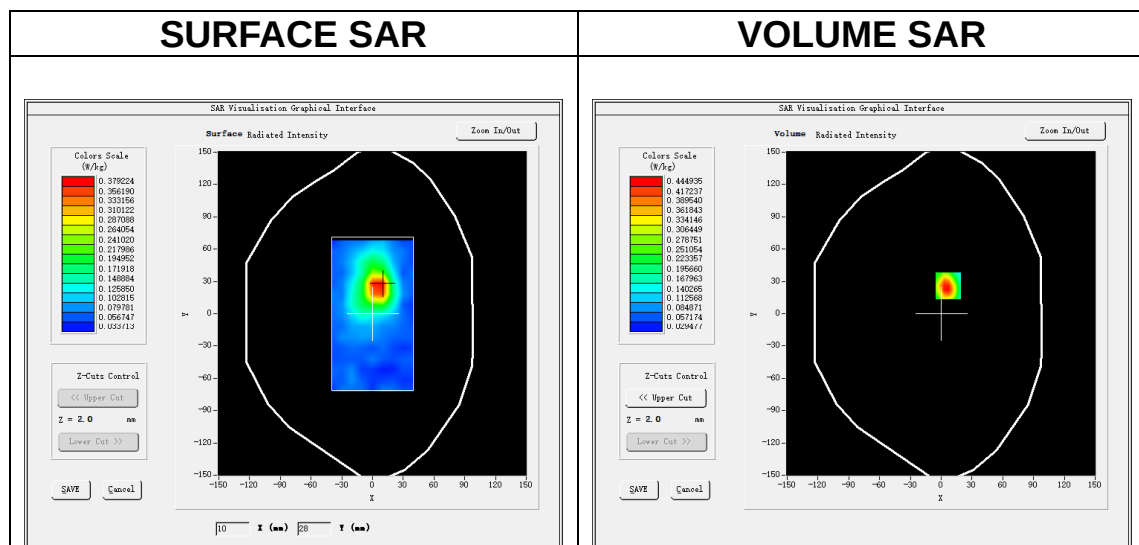
Date of measurement: 29/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body</u>
Band	<u>IEEE 802.11n U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11n (Crest factor: 1.0)</u>
ConvF	<u>1.89</u>

B. SAR Measurement Results

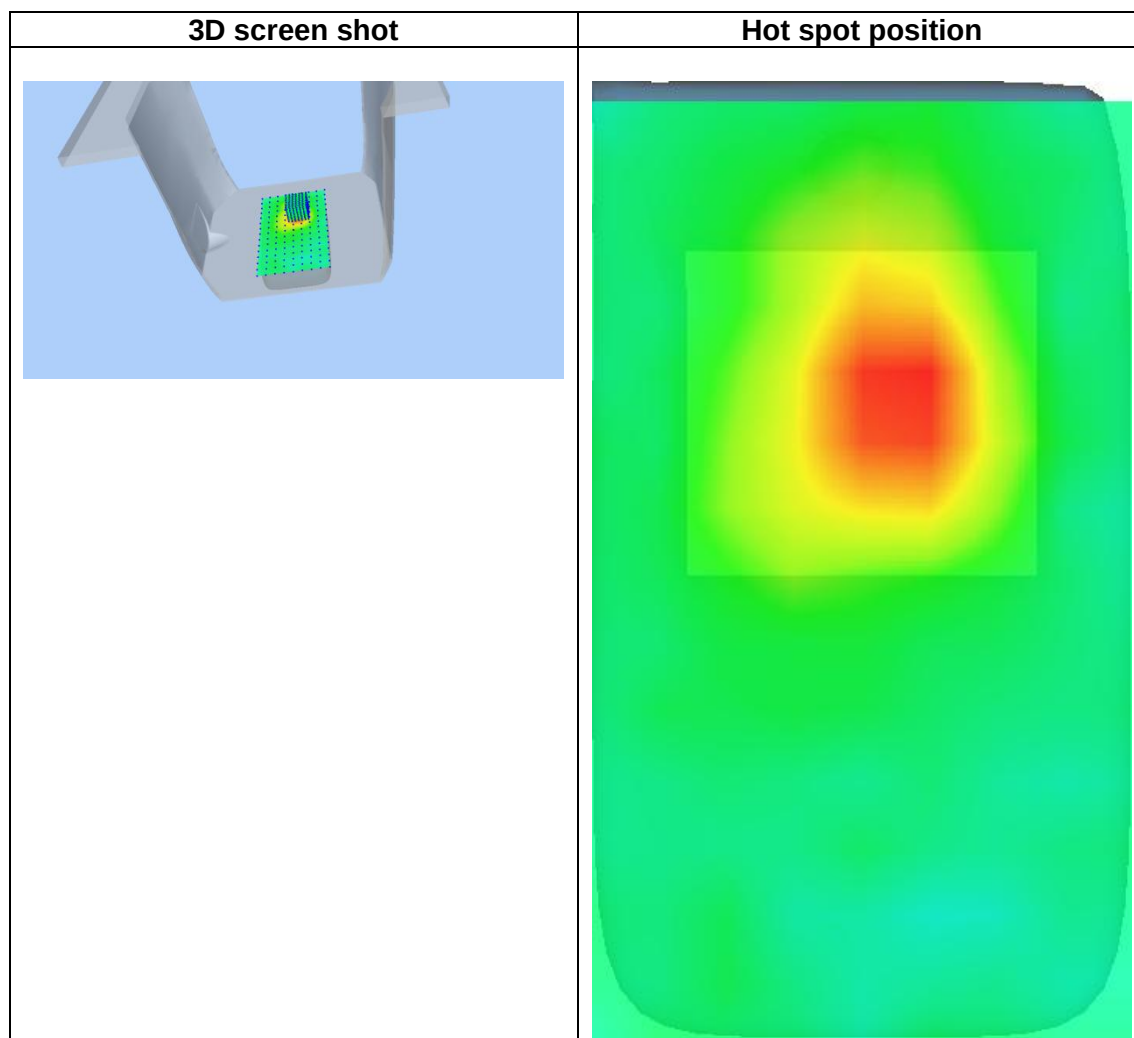
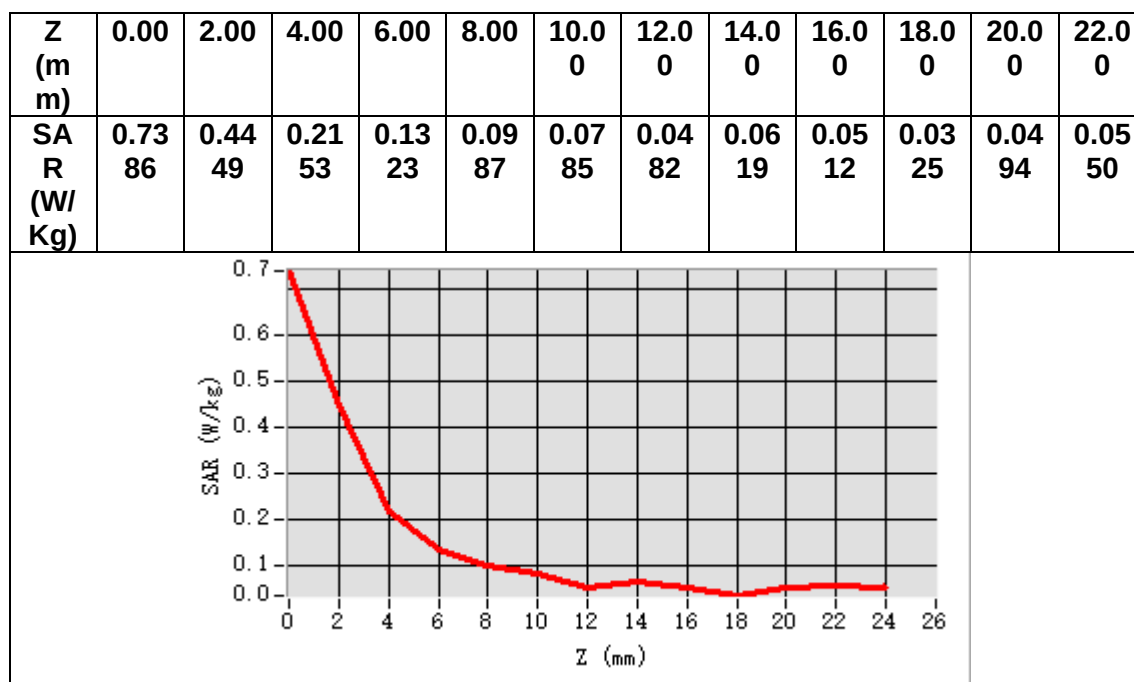
Frequency (MHz)	5230.000000
Relative permittivity (real part)	34.701963
Relative permittivity (imaginary part)	15.708192
Conductivity (S/m)	4.564102
Variation (%)	-4.270000



Maximum location: X=7.00, Y=26.00

SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)	0.131658
SAR 1g (W/Kg)	0.275184



MEASUREMENT 18

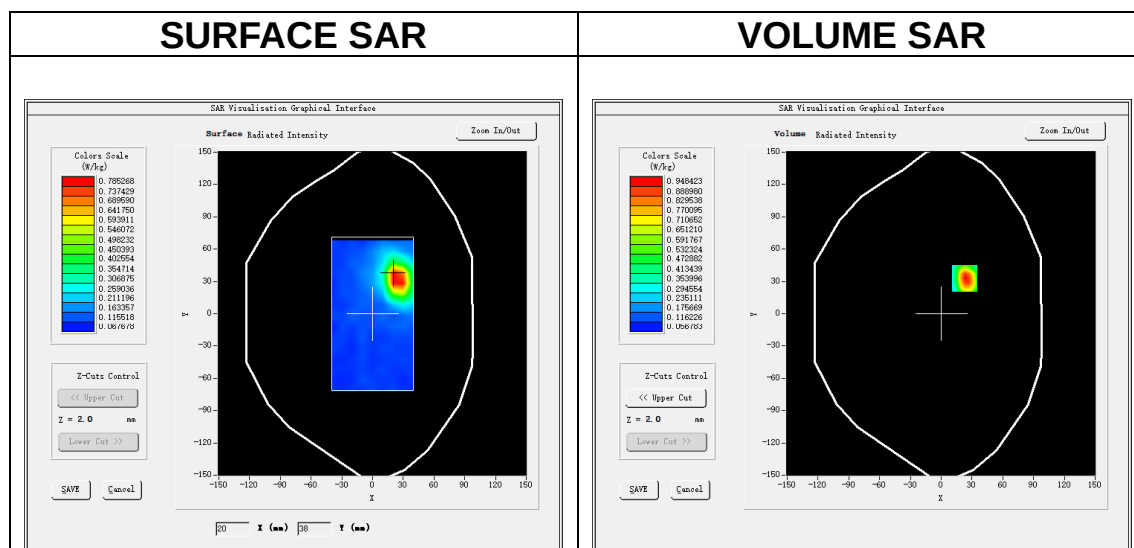
Date of measurement: 30/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.90</u>

B. SAR Measurement Results

Frequency (MHz)	5825.000000
Relative permittivity (real part)	34.101636
Relative permittivity (imaginary part)	16.143072
Conductivity (S/m)	5.224077
Variation (%)	-3.490000



Maximum location: X=23.00, Y=33.00

SAR Peak: 1.73 W/kg

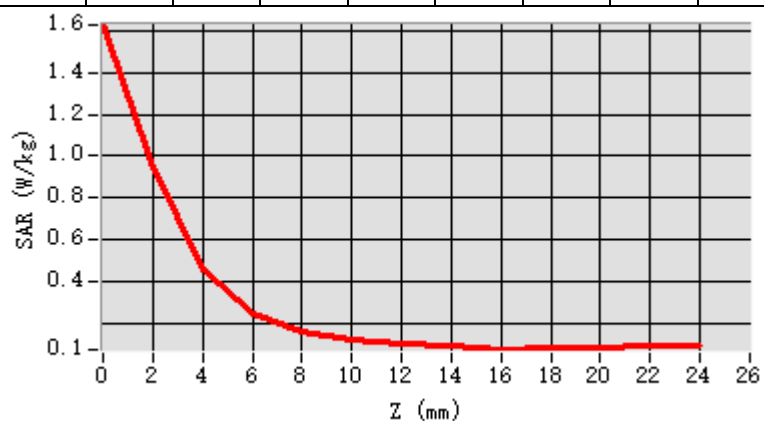
SAR 10g (W/Kg)

0.253518

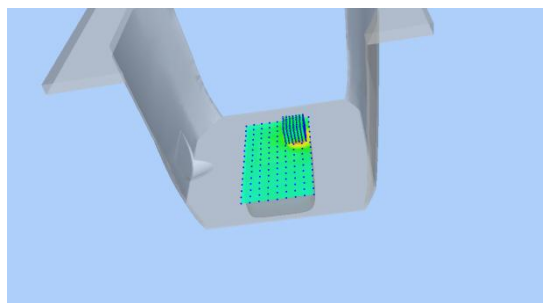
SAR 1g (W/Kg)

0.562903

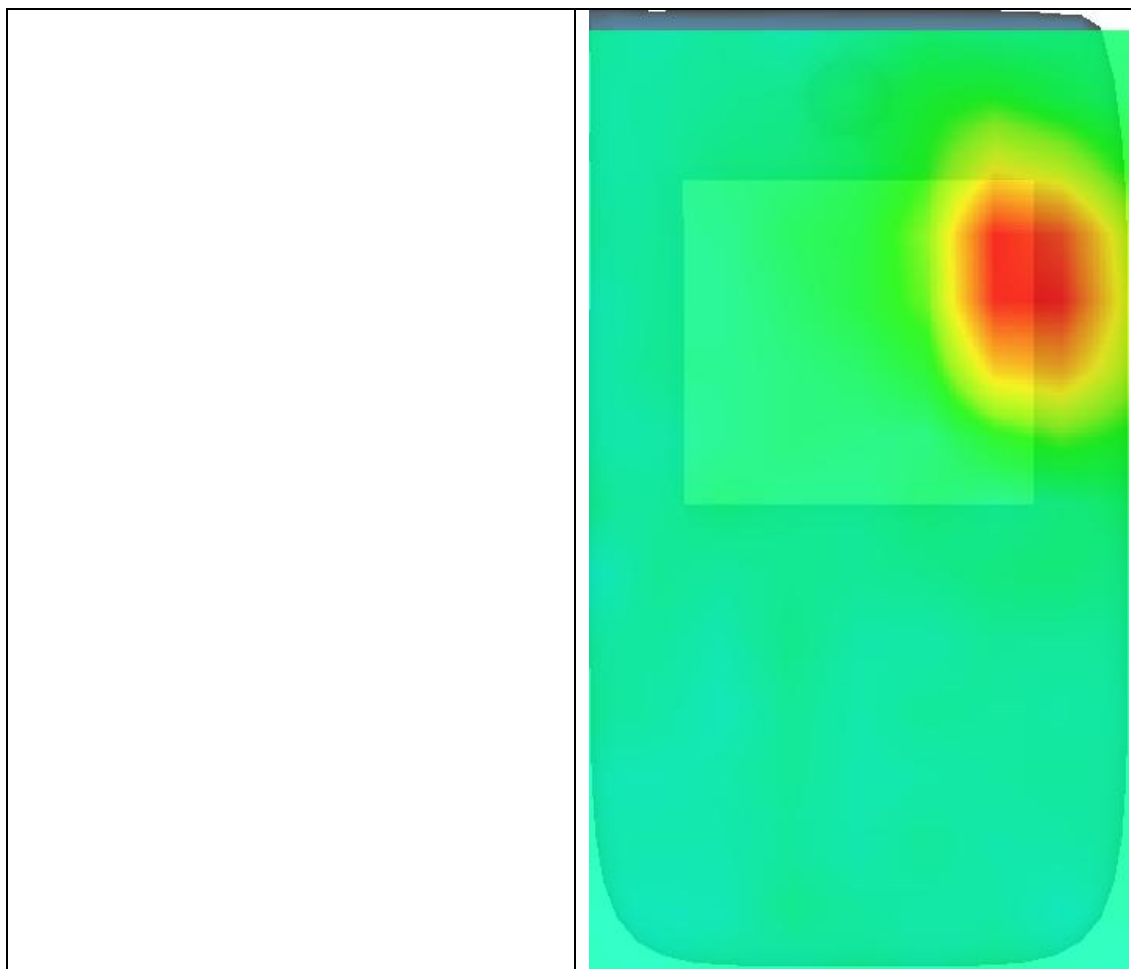
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	1.62 93	0.94 84	0.45 41	0.24 07	0.15 66	0.11 91	0.10 17	0.09 27	0.07 03	0.07 69	0.08 03	0.09 34



3D screen shot



Hot spot position



MEASUREMENT 19

Date of measurement: 31/1/2025

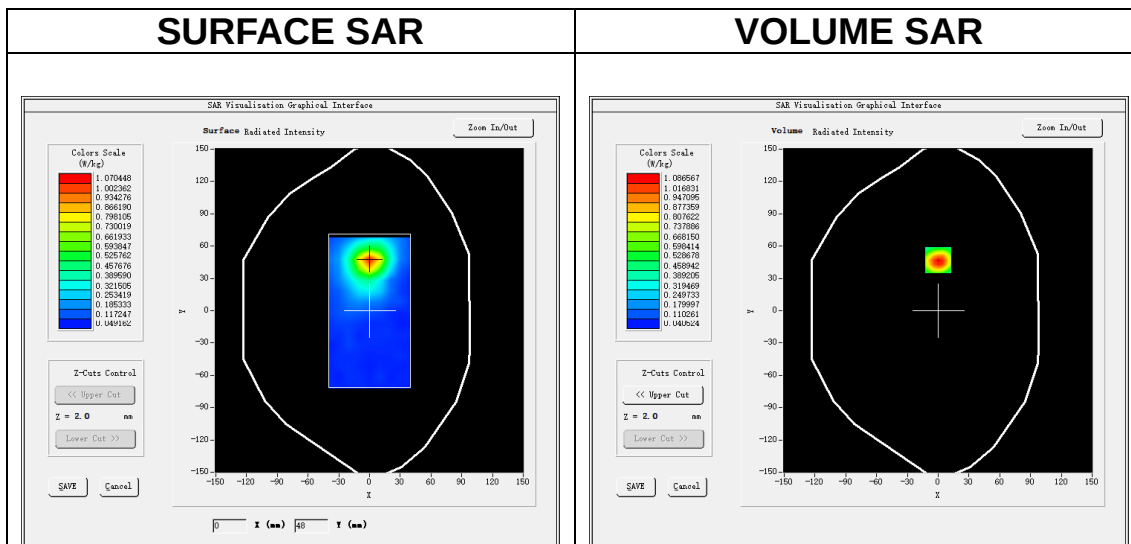
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11n U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11n (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.89</u>

B. SAR Measurement Results

Frequency (MHz)	5230.000000
Relative permittivity (real part)	34.701963

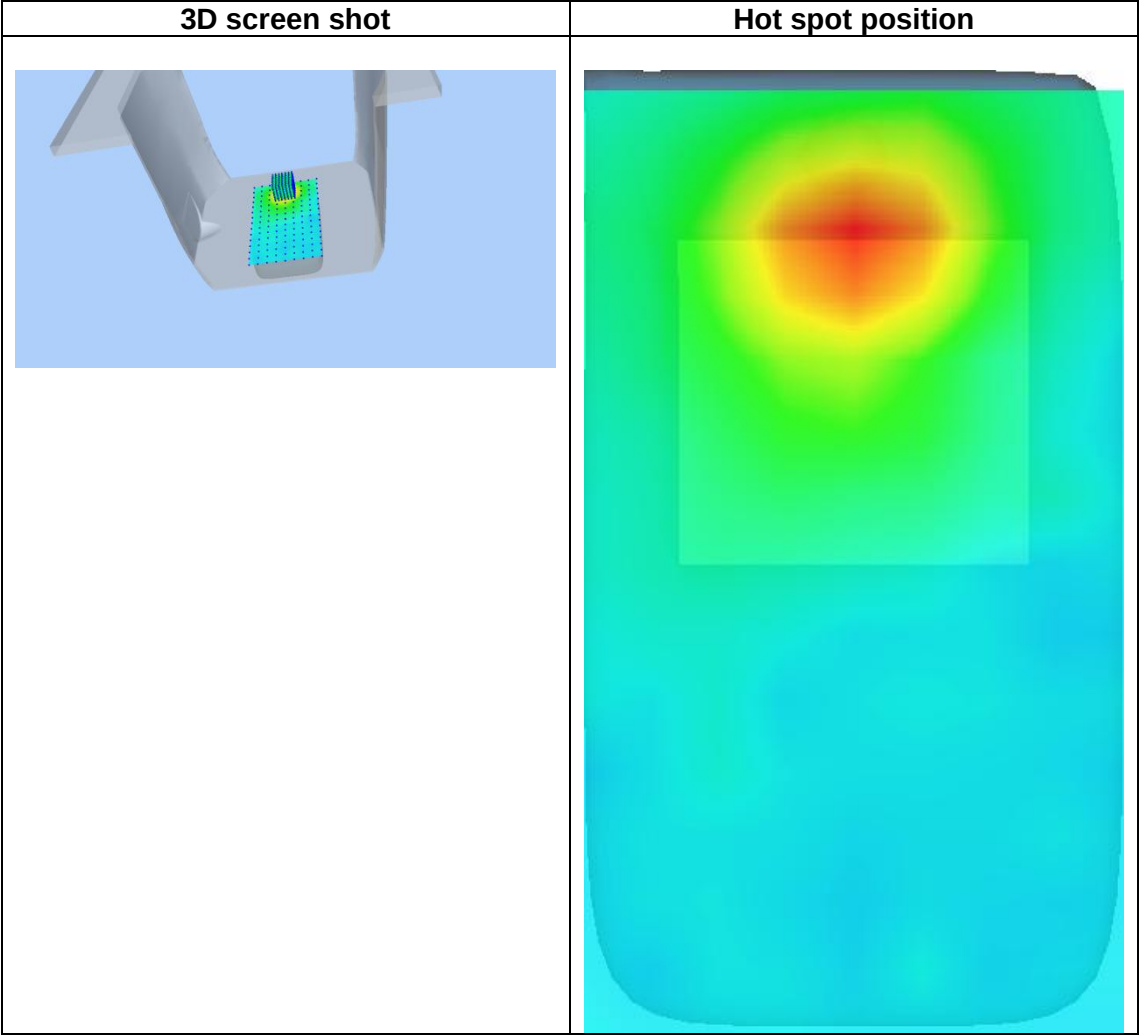
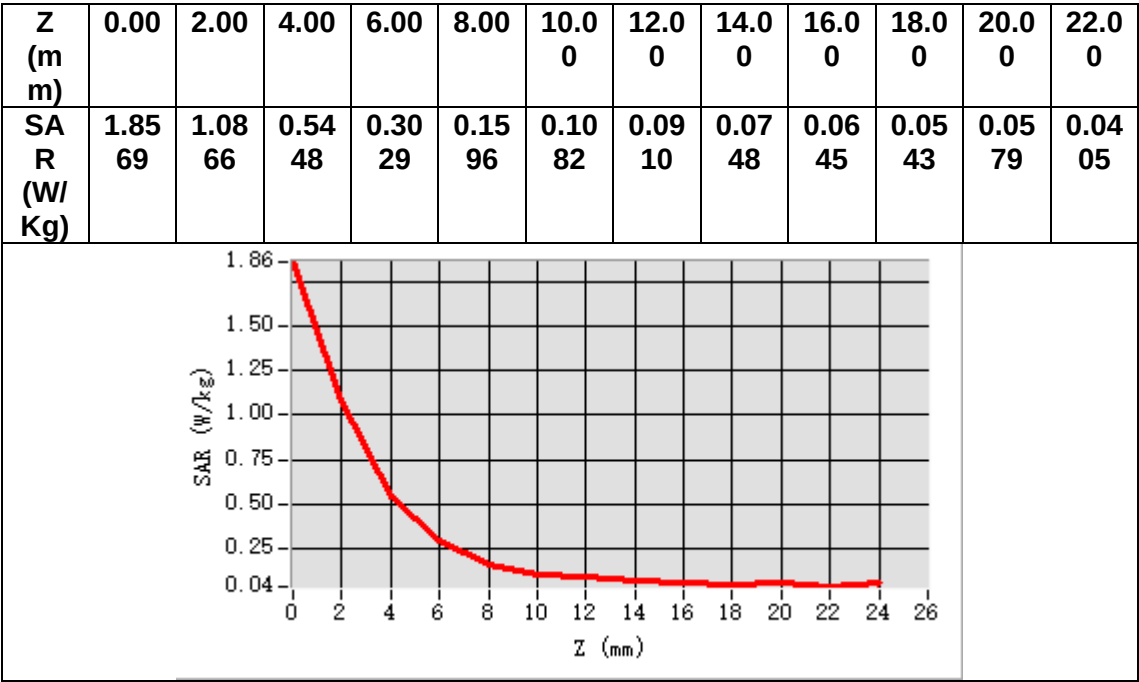
Relative permittivity (imaginary part)	15.708192
Conductivity (S/m)	4.564102
Variation (%)	0.620000



Maximum location: X=0.00, Y=47.00

SAR Peak: 1.97 W/kg

SAR 10g (W/Kg)	0.278884
SAR 1g (W/Kg)	0.646260



MEASUREMENT 20

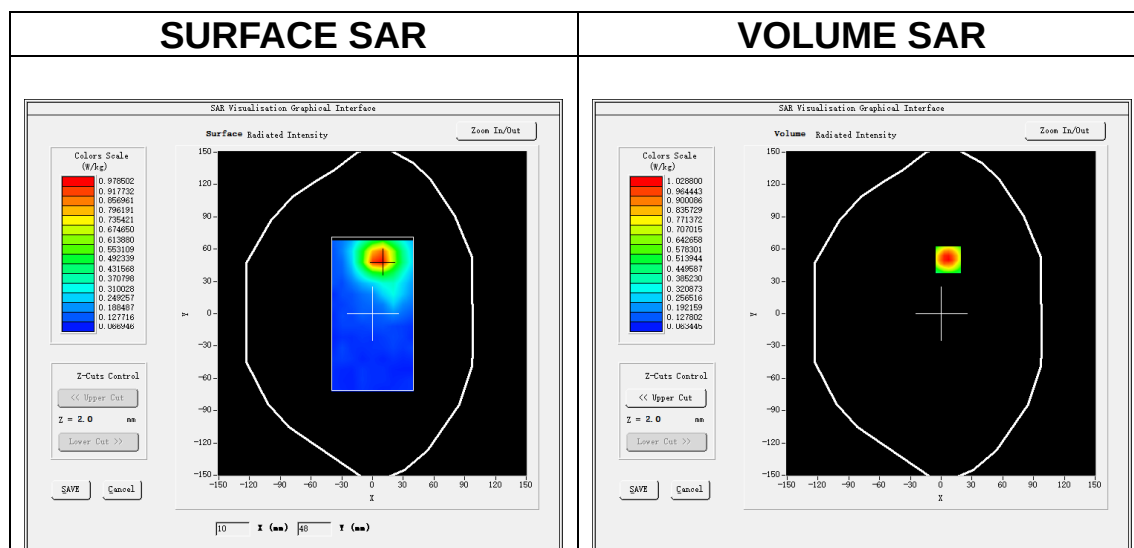
Date of measurement: 2/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11ac U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11ac (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.90</u>

B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative permittivity (real part)	34.243676
Relative permittivity (imaginary part)	16.037698
Conductivity (S/m)	5.154338
Variation (%)	-3.700000



Maximum location: X=7.00, Y=50.00

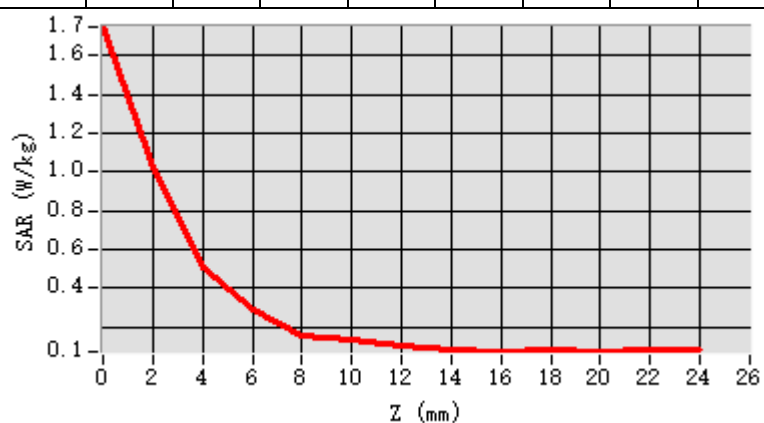
SAR Peak: 1.86 W/kg

SAR 10g (W/Kg)	0.297517
-----------------------	----------

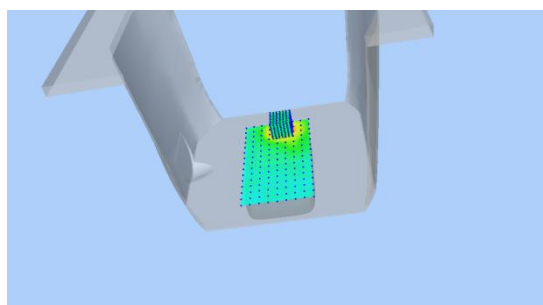
SAR 1g (W/Kg)

0.628359

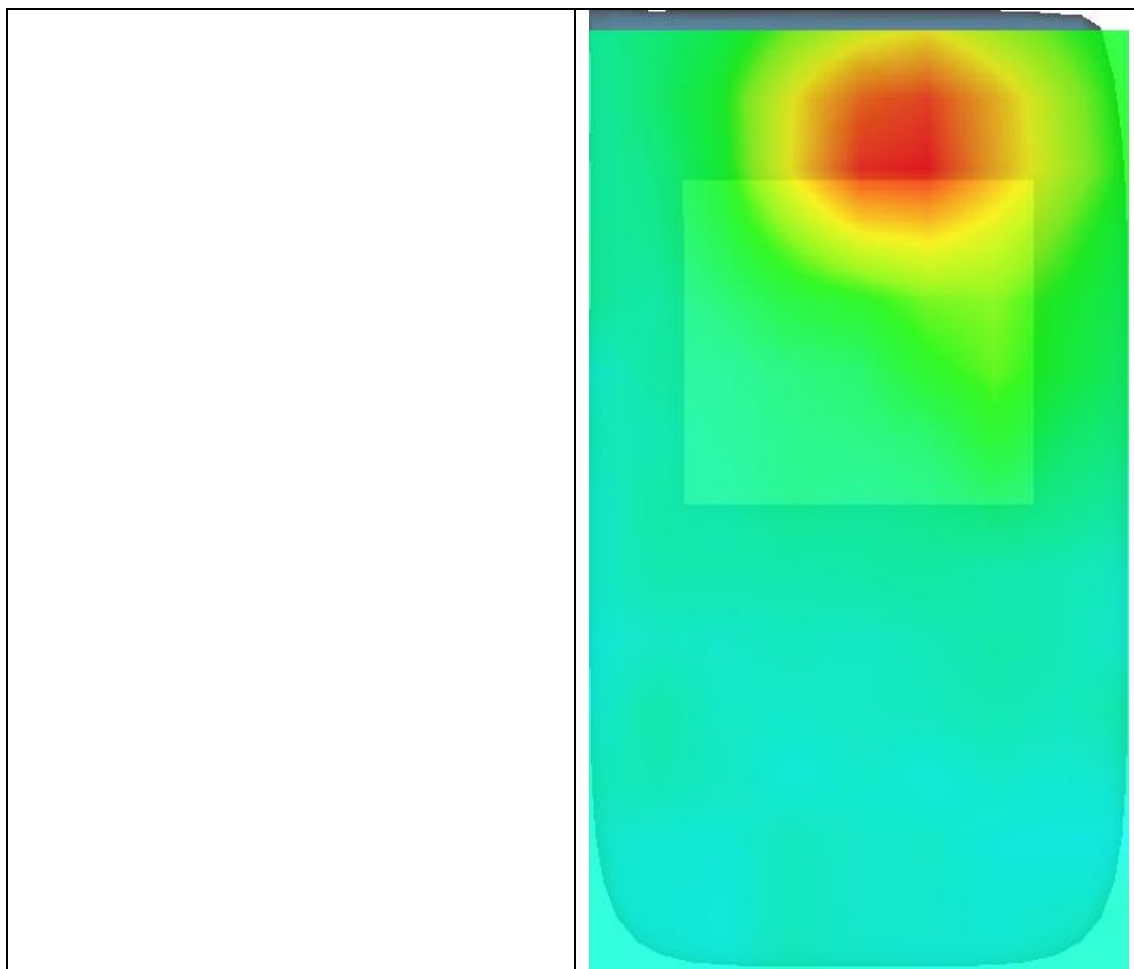
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/ Kg)	1.74 91	1.02 88	0.50 74	0.28 64	0.15 85	0.13 10	0.10 65	0.08 14	0.07 24	0.07 86	0.07 19	0.07 71



3D screen shot



Hot spot position



MEASUREMENT 21

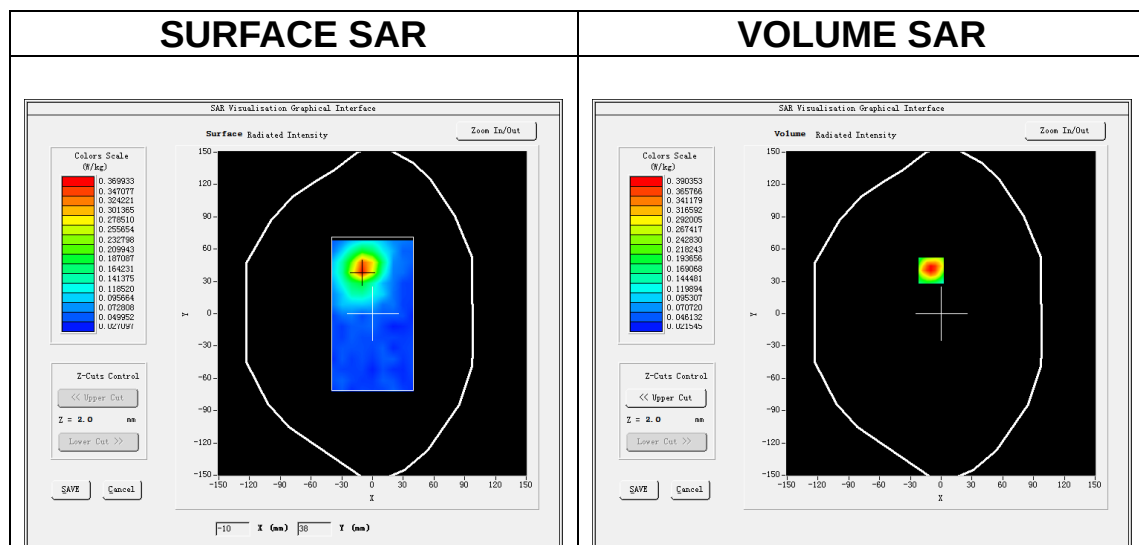
Date of measurement: 29/1/2025

A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11a (Crest factor: 1.0)</u>
ConvF	<u>1.89</u>

B. SAR Measurement Results

Frequency (MHz)	5190.000000
Relative permittivity (real part)	34.700005
Relative permittivity (imaginary part)	15.470512
Conductivity (S/m)	4.460637
Variation (%)	1.440000

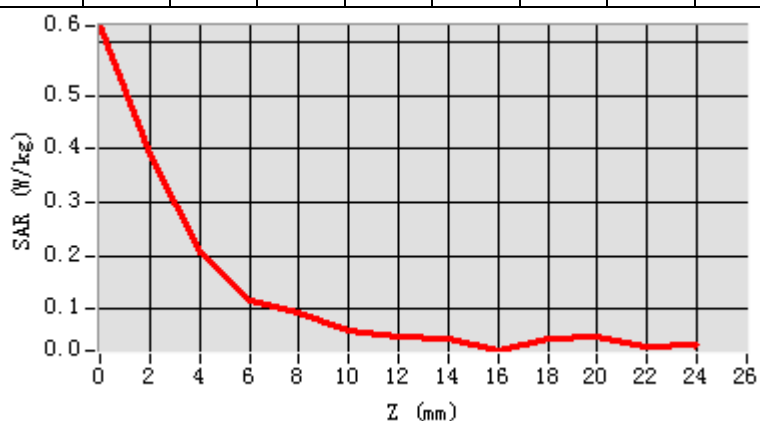


Maximum location: X=-10.00, Y=40.00

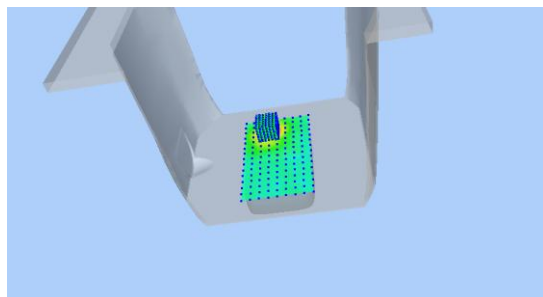
SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.115754
SAR 1g (W/Kg)	0.242753

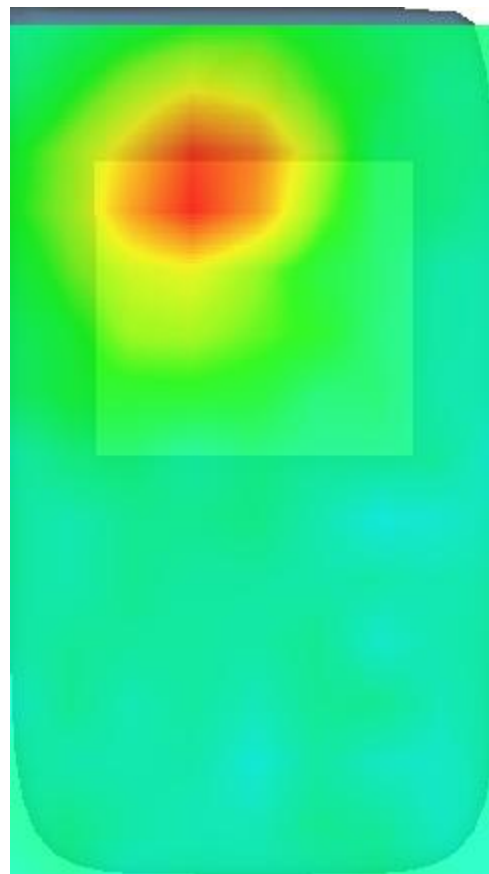
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.63 03	0.39 04	0.20 50	0.11 79	0.09 20	0.06 09	0.05 06	0.04 34	0.02 25	0.04 34	0.04 80	0.03 13



3D screen shot



Hot spot position



MEASUREMENT 22

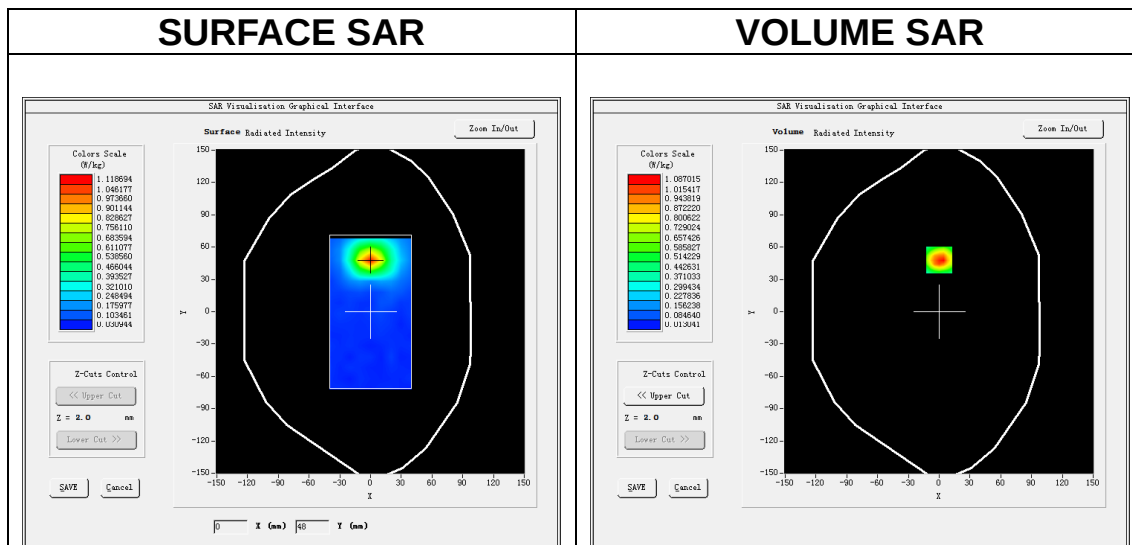
Date of measurement: 30/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11n U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11n (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.90</u>

B. SAR Measurement Results

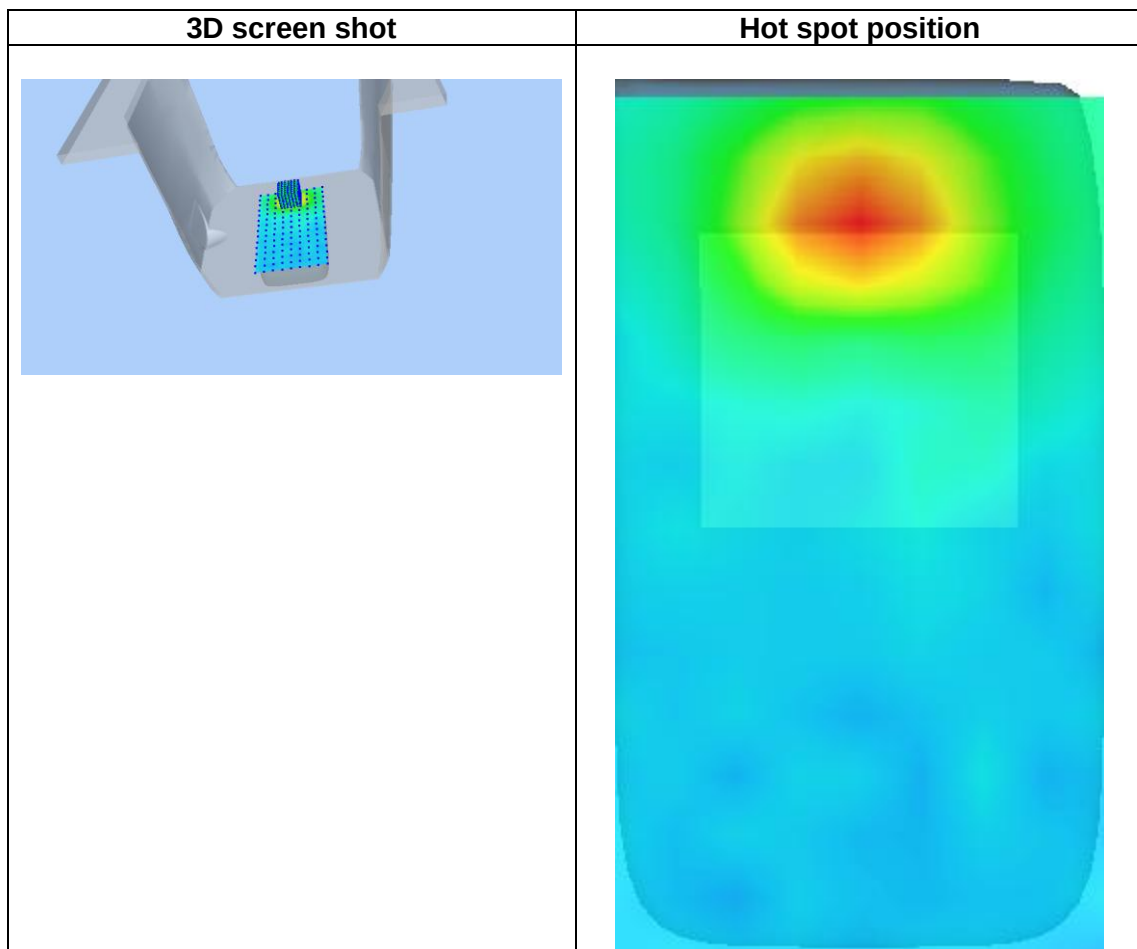
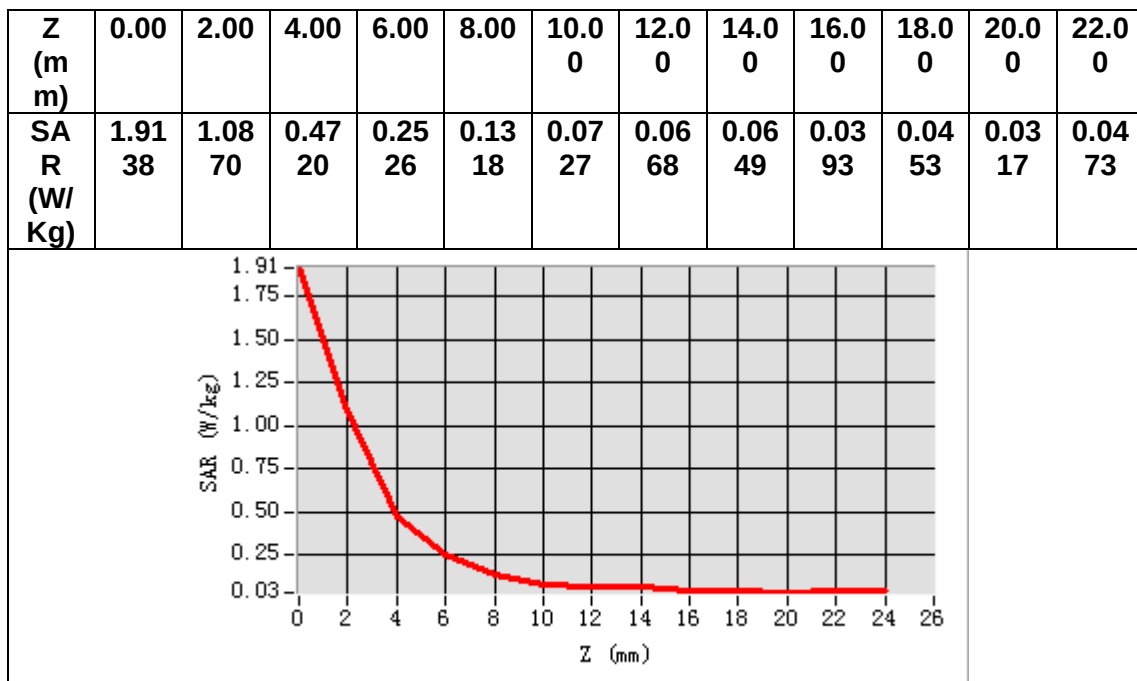
Frequency (MHz)	5775.000000
Relative permittivity (real part)	34.262746
Relative permittivity (imaginary part)	16.181577
Conductivity (S/m)	5.191589
Variation (%)	-4.390000



Maximum location: X=0.00, Y=48.00

SAR Peak: 2.02 W/kg

SAR 10g (W/Kg)	0.261989
SAR 1g (W/Kg)	0.616700



MEASUREMENT 23

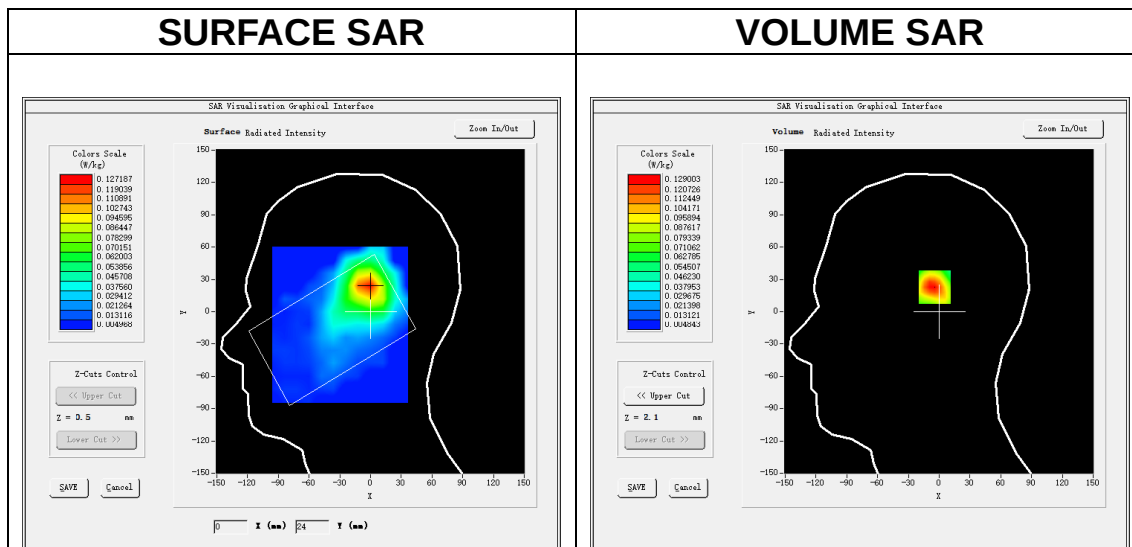
Date of measurement: 1/1/2025

A. Experimental conditions.

Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11b ISM</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11b (Crest factor: 1.0)</u>
ConvF	<u>2.74</u>

B. SAR Measurement Results

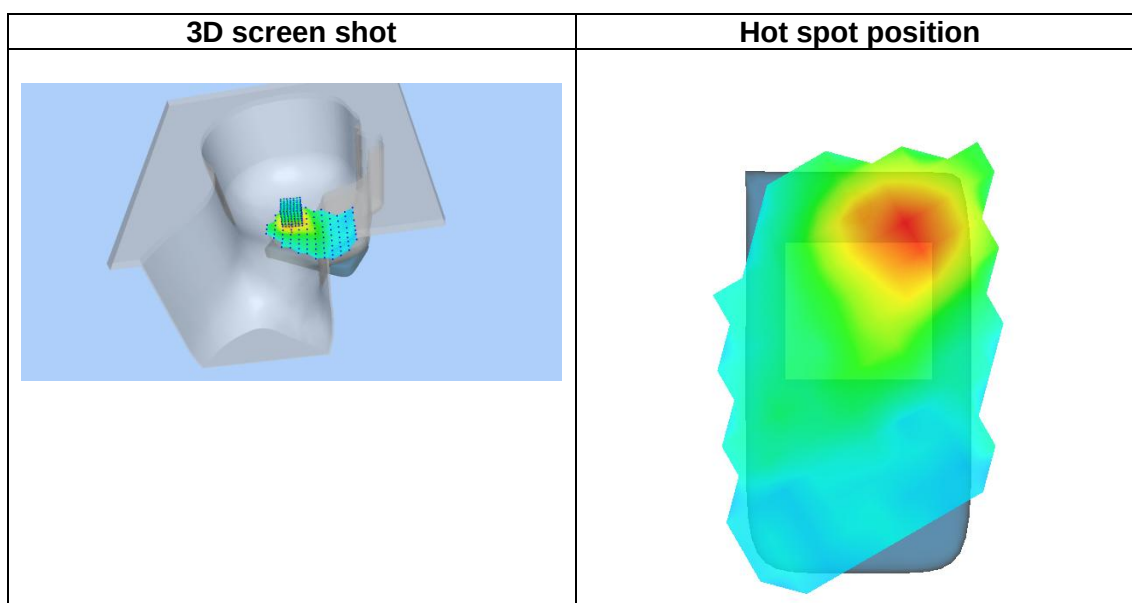
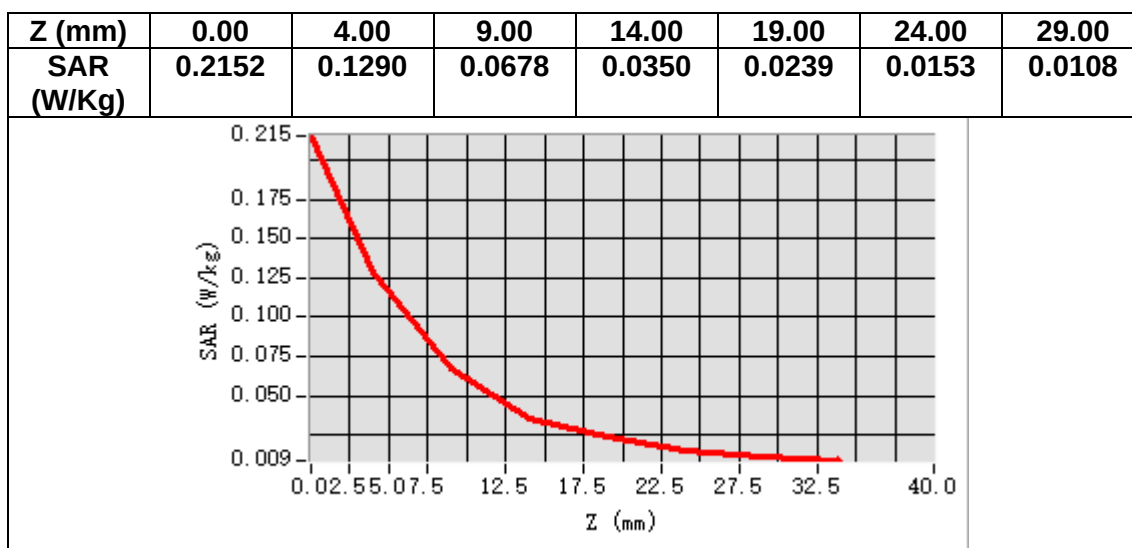
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.921955
Relative permittivity (imaginary part)	12.875971
Conductivity (S/m)	1.743263
Variation (%)	0.190000



Maximum location: X=-2.00, Y=24.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.065103
SAR 1g (W/Kg)	0.122190



MEASUREMENT 24

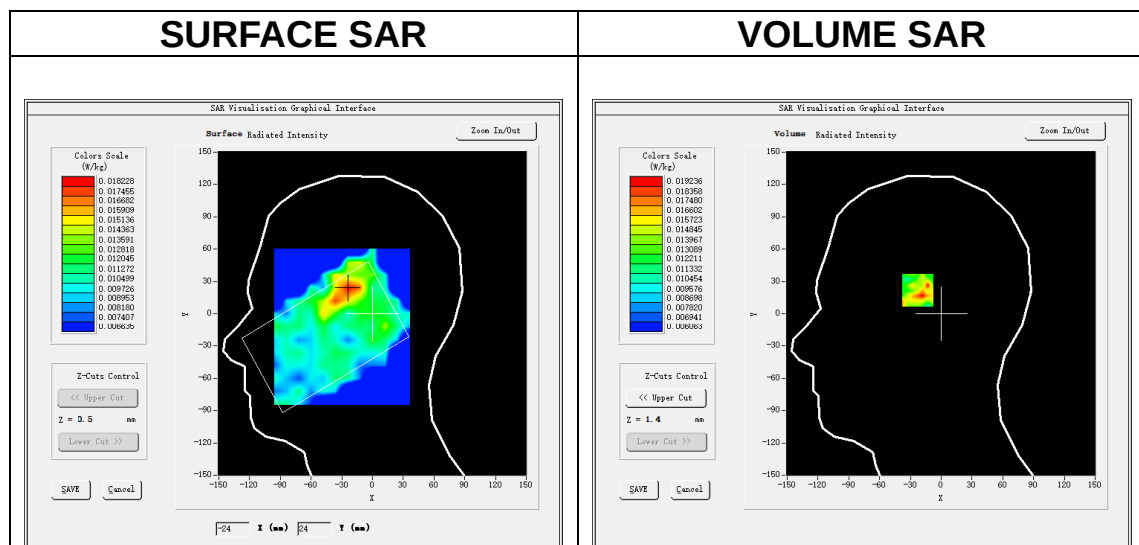
Date of measurement: 1/1/2025

A. Experimental conditions.

Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11b ISM</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11b (Crest factor: 1.0)</u>
ConvF	<u>2.74</u>

B. SAR Measurement Results

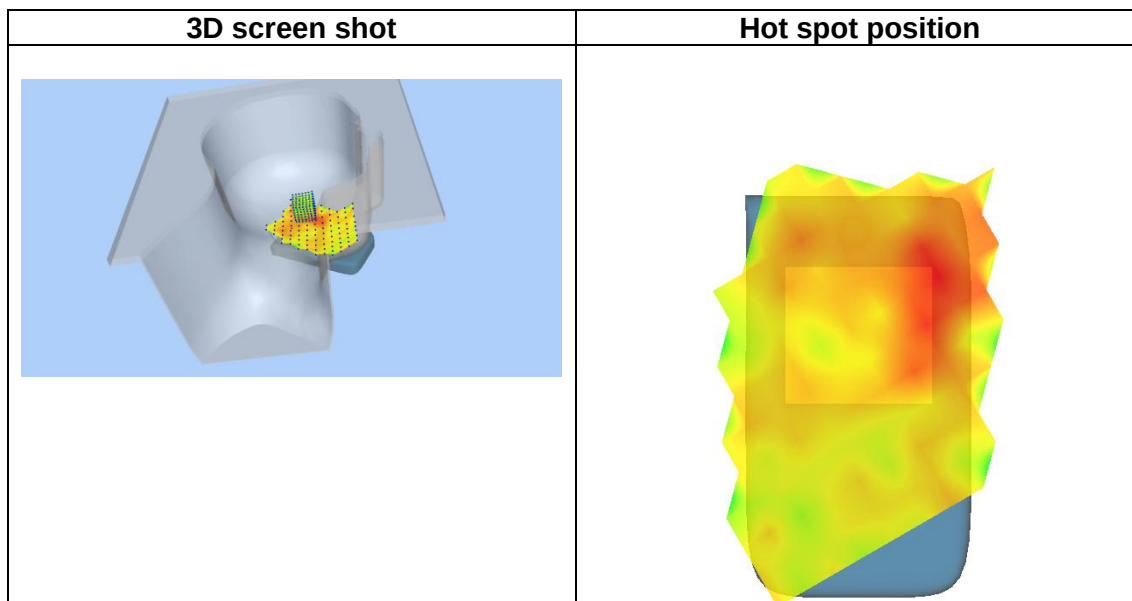
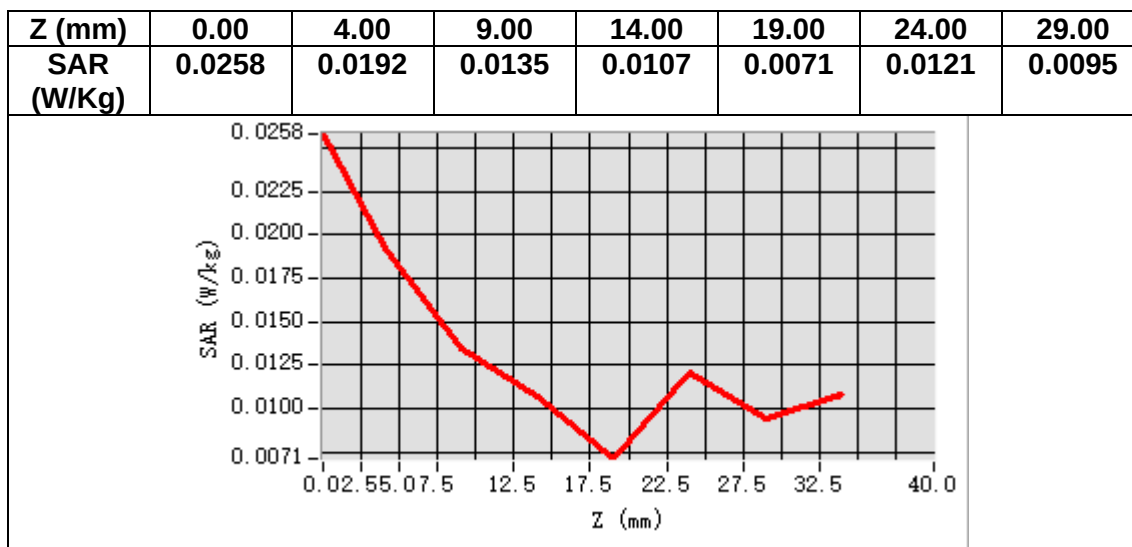
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.921955
Relative permittivity (imaginary part)	12.875971
Conductivity (S/m)	1.743263
Variation (%)	-0.870000



Maximum location: X=-23.00, Y=24.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.012788
SAR 1g (W/Kg)	0.017242



MEASUREMENT 25

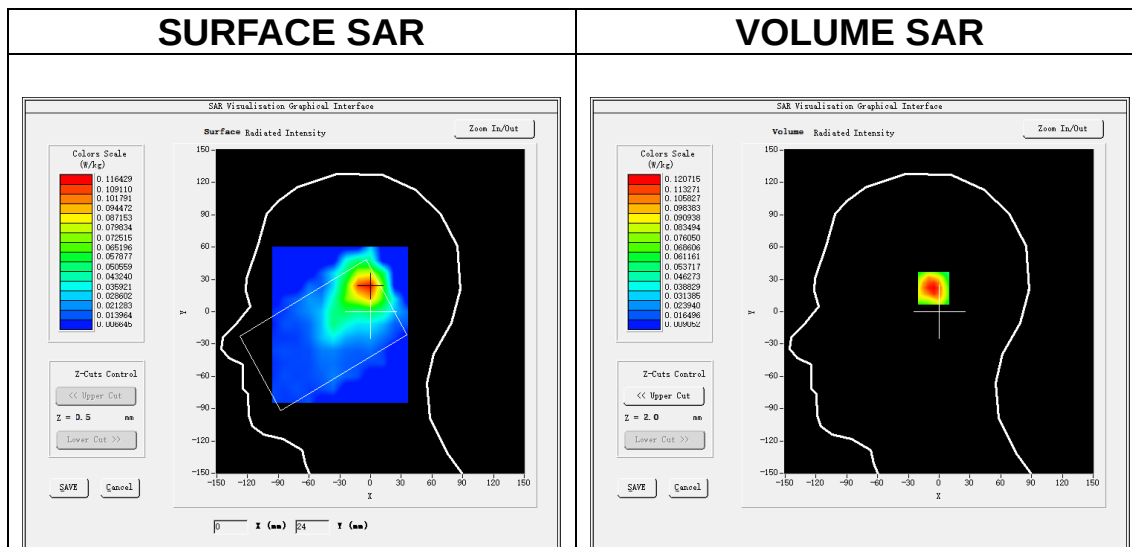
Date of measurement: 1/1/2025

A. Experimental conditions.

Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11b ISM</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11b (Crest factor: 1.0)</u>
ConvF	<u>2.74</u>

B. SAR Measurement Results

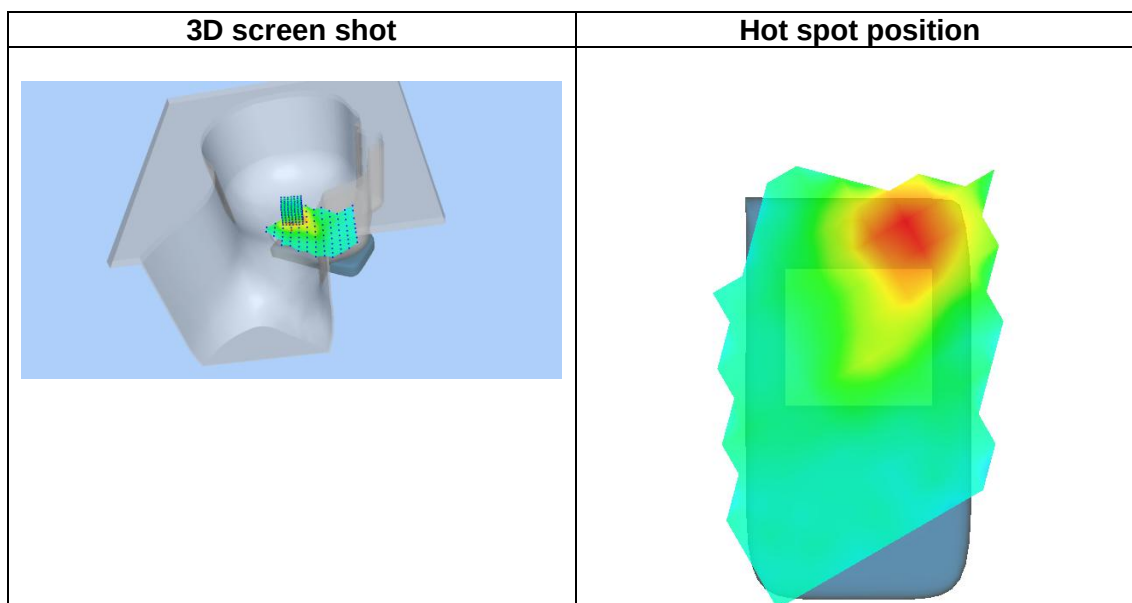
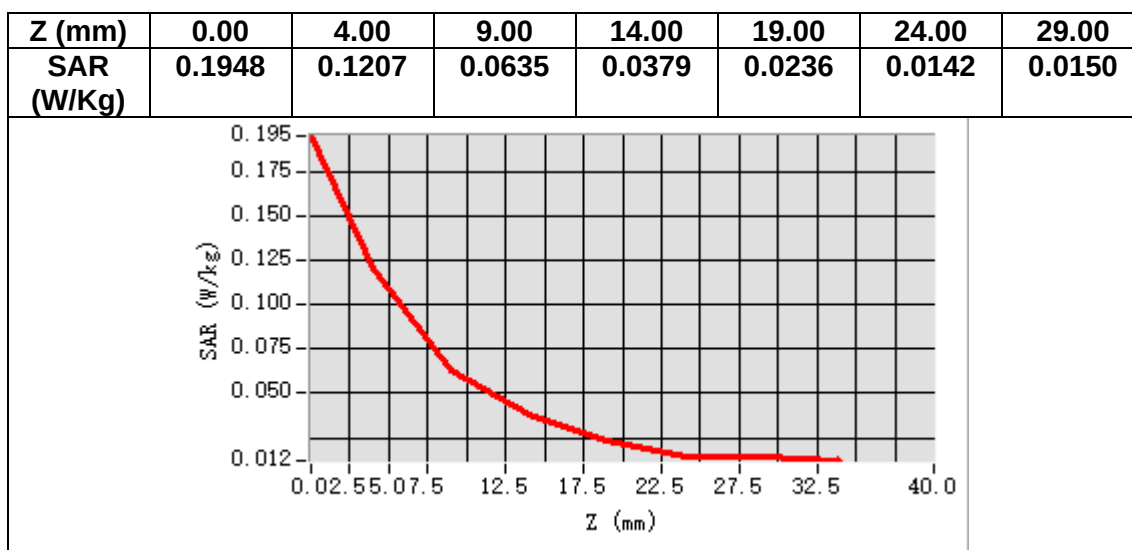
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.921955
Relative permittivity (imaginary part)	12.875971
Conductivity (S/m)	1.743263
Variation (%)	-2.530000



Maximum location: X=-3.00, Y=23.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.062626
SAR 1g (W/Kg)	0.154582



MEASUREMENT 26

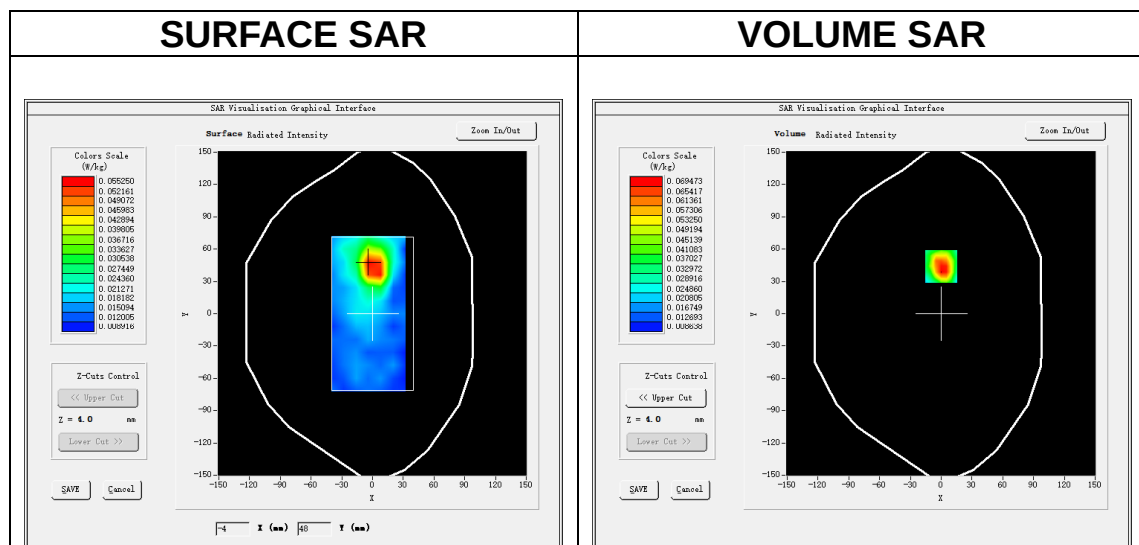
Date of measurement: 1/1/2025

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11b (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.74</u>

B. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.921955
Relative permittivity (imaginary part)	12.875971
Conductivity (S/m)	1.743263
Variation (%)	2.450000



Maximum location: X=0.00, Y=44.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.035859
SAR 1g (W/Kg)	0.066224

