

10.1.16. 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	0.184	0.083	4.21	13.89	14.00	0.189	2024/12/12	23#
Left Tilt 15 Degree	6/2437	802.11b	0.099	0.042	-2.97	13.89	14.00	0.102	2024/12/12	
Right Cheek	6/2437	802.11b	0.172	0.075	0.18	13.89	14.00	0.176	2024/12/12	
Right Tilt 15 Degree	6/2437	802.11b	0.083	0.037	0.54	13.89	14.00	0.085	2024/12/12	

NOTE: Head SAR test results of WLAN2.4G

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	0.048	0.028	2.78	13.89	14.00	0.049	2024/12/12	24#
Back Side	6/2437	802.11b	0.030	0.017	-1.04	13.89	14.00	0.031	2024/12/12	

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

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.048	0.028	2.78	13.89	14.00	0.049	2024/12/12	24#
Back Side	6/2437	802.11b	0.030	0.017	-1.04	13.89	14.00	0.031	2024/12/12	
Right Side	6/2437	802.11b	0.024	0.013	0.99	13.89	14.00	0.025	2024/12/12	
Top Side	6/2437	802.11b	0.027	0.015	0.56	13.89	14.00	0.028	2024/12/12	

NOTE: Hotspot SAR test results of WLAN2.4G

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	0.029	0.020	0.79	12.96	13.50	0.033	2024/12/12	25#
Left Tilt 15 Degree	6/2437	802.11b	0.015	0.013	0.33	12.96	13.50	0.017	2024/12/12	
Right Cheek	6/2437	802.11b	0.026	0.018	2.77	12.96	13.50	0.029	2024/12/12	
Right Tilt 15 Degree	6/2437	802.11b	0.012	0.010	1.15	12.96	13.50	0.014	2024/12/12	

NOTE: Head SAR test results of WLAN2.4G

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	0.020	0.015	-4.20	12.96	13.50	0.023	2024/12/12	
Back Side	6/2437	802.11b	0.030	0.021	0.02	12.96	13.50	0.034	2024/12/12	26#

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

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.020	0.015	-4.20	12.96	13.50	0.023	2024/12/12	
Back Side	6/2437	802.11b	0.030	0.021	0.02	12.96	13.50	0.034	2024/12/12	26#
Right Side	6/2437	802.11b	0.015	0.013	2.88	12.96	13.50	0.017	2024/12/12	
Top Side	6/2437	802.11b	0.009	0.007	2.53	12.96	13.50	0.010	2024/12/12	

NOTE: Hotspot SAR test results of WLAN2.4G

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	0.397	0.193	2.25	16.63	17.50	0.485	2024/12/12	27#
Left Tilt 15 Degree	6/2437	802.11n HT40	0.212	0.099	-3.55	16.63	17.50	0.259	2024/12/12	
Right Cheek	6/2437	802.11n HT40	0.373	0.181	2.36	16.63	17.50	0.456	2024/12/12	
Right Tilt 15 Degree	6/2437	802.11n HT40	0.170	0.081	2.03	16.63	17.50	0.208	2024/12/12	

NOTE: Head SAR test results of WLAN2.4G

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	802.11n HT40	0.156	0.085	1.11	16.63	17.50	0.191	2024/12/12	28#
Back Side	6/2437	802.11n HT40	0.102	0.054	3.82	16.63	17.50	0.125	2024/12/12	

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

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11n HT40	0.156	0.085	1.11	16.63	17.50	0.191	2024/12/12	28#
Back Side	6/2437	802.11n HT40	0.102	0.054	3.82	16.63	17.50	0.125	2024/12/12	
Right	6/2437	802.11n	0.054	0.028	3.90	16.63	17.50	0.066	2024/12/12	

Side		HT40								
Top Side	6/2437	802.11n HT40	0.060	0.032	-0.15	16.63	17.50	0.073	2024/12/12	

Test Position of Hotspot with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	6/2437	802.11n HT40	0.305	0.136	-1.52	16.63	17.50	0.166	2024/12/12	55#

NOTE: Extremity SAR test results of 2.4G MIMO

10.1.17. 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 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	40/5200	802.11ax HE 20	0.261	0.113	3.76	14.78	15.50	0.308	2024/12/11	11#
Left Tilt 15 Degree	40/5200	802.11ax HE 20	0.152	0.064	0.66	14.78	15.50	0.179	2024/12/11	
Right Cheek	40/5200	802.11ax HE 20	0.231	0.098	-1.61	14.78	15.50	0.273	2024/12/11	
Right Tilt 15 Degree	40/5200	802.11ax HE 20	0.119	0.051	1.90	14.78	15.50	0.140	2024/12/11	

NOTE: Head SAR test results of WLAN5.2G Ant1

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	802.11ax HE 20	0.110	0.055	-0.35	14.78	15.50	0.130	2024/12/11	
Back Side	40/5200	802.11ax HE 20	0.135	0.065	2.67	14.78	15.50	0.159	2024/12/11	

NOTE: Head SAR test results of WLAN5.2G Ant1

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	40/5200	802.11ax HE 20	0.110	0.055	-0.35	14.78	15.50	0.130	2024/12/11	
Back Side	40/5200	802.11ax HE 20	0.135	0.065	2.67	14.78	15.50	0.159	2024/12/11	
Right Side	40/5200	802.11ax HE 20	0.078	0.038	0.76	14.78	15.50	0.092	2024/12/11	
Top Side	40/5200	802.11ax HE 20	0.219	0.109	-1.14	14.78	15.50	0.258	2024/12/11	12#

NOTE: Head SAR test results of WLAN5.2G Ant1

Test Position of Hotspot with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	40/5200	802.11ax HE 20	0.258	0.102	3.54	14.78	15.50	0.120	2024/12/11	56#

NOTE: Extremity SAR test results of 5.2G Ant1

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	38/5190	802.11ax HE 40	0.163	0.080	-4.88	13.93	14.00	0.166	2024/12/11	13#
Left Tilt 15 Degree	38/5190	802.11ax HE 40	0.086	0.041	2.42	13.93	14.00	0.087	2024/12/11	
Right Cheek	38/5190	802.11ax HE 40	0.152	0.073	-1.98	13.93	14.00	0.154	2024/12/11	
Right	38/5190	802.11ax	0.069	0.032	-1.55	13.93	14.00	0.070	2024/12/11	

Tilt 15 Degree		HE 40								
-------------------	--	-------	--	--	--	--	--	--	--	--

NOTE: Extremity SAR test results of 5.2G Ant2

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	38/5190	802.11ax HE 40	0.072	0.036	1.95	13.93	14.00	0.073	2024/12/11	
Back Side	38/5190	802.11ax HE 40	0.217	0.113	0.34	13.93	14.00	0.221	2024/12/11	14#

NOTE: Extremity SAR test results of 5.2G Ant2

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	38/5190	802.11ax HE 40	0.072	0.036	1.95	13.93	14.00	0.073	2024/12/11	
Back Side	38/5190	802.11ax HE 40	0.217	0.113	0.34	13.93	14.00	0.221	2024/12/11	14#
Right Side	38/5190	802.11ax HE 40	0.154	0.080	-1.87	13.93	14.00	0.157	2024/12/11	
Top Side	38/5190	802.11ax HE 40	0.058	0.029	-3.50	13.93	14.00	0.059	2024/12/11	

NOTE: Extremity SAR test results of 5.2G Ant2

Test Position of Hotspot with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	36/5180	802.11ax HE 40	0.412	0.145	0.87	13.93	14.00	0.147	2024/12/11	57#

NOTE: Extremity SAR test results of 5.2G Ant2

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	40/5200	802.11ax HE 40	0.353	0.150	-4.42	17.12	17.50	0.385	2024/12/11	15#
Left Tilt 15 Degree	40/5200	802.11ax HE 40	0.183	0.076	1.37	17.12	17.50	0.200	2024/12/11	
Right Cheek	40/5200	802.11ax HE 40	0.316	0.132	-1.16	17.12	17.50	0.345	2024/12/11	
Right Tilt 15 Degree	40/5200	802.11ax HE 40	0.159	0.064	3.52	17.12	17.50	0.174	2024/12/11	

NOTE: Extremity SAR test results of 5.2G 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	40/5200	802.11ax HE 40	0.099	0.046	-3.89	17.12	17.50	0.108	2024/12/11	
Back Side	40/5200	802.11ax HE 40	0.250	0.124	-2.17	17.12	17.50	0.273	2024/12/11	

NOTE: Extremity SAR test results of 5.2G 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	40/5200	802.11ax HE 40	0.099	0.046	-3.89	17.12	17.50	0.108	2024/12/11	
Back Side	40/5200	802.11ax HE 40	0.250	0.124	-2.17	17.12	17.50	0.273	2024/12/11	
Right Side	40/5200	802.11ax HE 40	0.145	0.069	0.41	17.12	17.50	0.158	2024/12/11	
Top	40/5200	802.11ax	0.290	0.140	2.80	17.12	17.50	0.317	2024/12/11	16#

Side		HE 40								
------	--	-------	--	--	--	--	--	--	--	--

NOTE: Extremity SAR test results of 5.2G MIMO

Test Position of Hotspot with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	40/5200	802.11ax HE 40	0.487	0.172	-2.47	17.12	17.50	0.188	2024/12/11	58#

NOTE: Extremity SAR test results of 5.2G MIMO

10.1.18. 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	155/5775	802.11ax HE 80	0.482	0.194	-0.35	14.55	15.00	0.535	2024/12/17	17#
Left Tilt 15 Degree	155/5775	802.11ax HE 80	0.278	0.112	-1.05	14.55	15.00	0.308	2024/12/17	
Right Cheek	155/5775	802.11ax HE 80	0.420	0.167	-1.56	14.55	15.00	0.466	2024/12/17	
Right Tilt 15 Degree	155/5775	802.11ax HE 80	0.223	0.086	-2.20	14.55	15.00	0.247	2024/12/17	

NOTE: Extremity SAR test results of 5.8G Ant1

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	155/5775	802.11ax HE 80	0.282	0.123	1.86	14.55	15.00	0.313	2024/12/17	
Back Side	155/5775	802.11ax HE 80	0.308	0.141	-3.65	14.55	15.00	0.342	2024/12/17	

NOTE: Extremity SAR test results of 5.8G Ant1

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	155/5775	802.11ax HE 80	0.282	0.123	1.86	14.55	15.00	0.313	2024/12/17	
Back Side	155/5775	802.11ax HE 80	0.290	0.141	-3.65	14.55	15.00	0.322	2024/12/17	
Right Side	155/5775	802.11ax HE 80	0.129	0.057	0.45	14.55	15.00	0.143	2024/12/17	
Top Side	155/5775	802.11ax HE 80	0.428	0.196	-0.56	14.55	15.00	0.475	2024/12/17	18#

NOTE: Extremity SAR test results of 5.8G Ant1

Test Position of Hotspot with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	155/5775	802.11ax HE 80	0.509	0.196	-2.85	14.55	15.00	0.217	2024/12/17	59#

NOTE: Extremity SAR test results of 5.8G Ant1

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	802.11n HT20	0.235	0.116	4.63	13.09	13.50	0.258	2024/12/17	19#
Left Tilt 15 Degree	165/5825	802.11n HT20	0.121	0.057	-3.02	13.09	13.50	0.133	2024/12/17	
Right Cheek	165/5825	802.11n HT20	0.223	0.110	2.42	13.09	13.50	0.245	2024/12/17	
Right Tilt 15	165/5825	802.11n HT20	0.106	0.052	2.20	13.09	13.50	0.116	2024/12/17	

Degree

NOTE: Extremity SAR test results of 5.8G Ant2

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	802.11n HT20	0.060	0.030	-3.43	13.09	13.50	0.066	2024/12/17	
Back Side	165/5825	802.11n HT20	0.193	0.103	0.40	13.09	13.50	0.212	2024/12/17	20#

NOTE: Extremity SAR test results of 5.8G Ant2

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	802.11n HT20	0.060	0.030	-3.43	13.09	13.50	0.066	2024/12/17	
Back Side	165/5825	802.11n HT20	0.193	0.103	0.40	13.09	13.50	0.212	2024/12/17	20#
Right Side	165/5825	802.11n HT20	0.161	0.082	-3.54	13.09	13.50	0.177	2024/12/17	
Top Side	165/5825	802.11n HT20	0.055	0.028	-0.29	13.09	13.50	0.060	2024/12/17	

NOTE: Extremity SAR test results of 5.8G Ant2

Test Position of Hotspot with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	165/5825	802.11n HT20	0.302	0.135	-3.14	13.09	13.50	0.148	2024/12/17	60#

NOTE: Extremity SAR test results of 5.8G Ant2

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	165/5825	802.11ax HE 20	0.417	0.194	0.76	15.59	16.00	0.458	2024/12/17	21#
Left Tilt 15 Degree	165/5825	802.11ax HE 20	0.211	0.095	1.33	15.59	16.00	0.232	2024/12/17	
Right Cheek	165/5825	802.11ax HE 20	0.365	0.163	2.96	15.59	16.00	0.401	2024/12/17	
Right Tilt 15 Degree	165/5825	802.11ax HE 20	0.172	0.079	-1.50	15.59	16.00	0.189	2024/12/17	

NOTE: Extremity SAR test results of 5.8G 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	165/5825	802.11ax HE 20	0.086	0.041	2.65	15.59	16.00	0.095	2024/12/17	
Back Side	165/5825	802.11ax HE 20	0.201	0.106	3.65	15.59	16.00	0.221	2024/12/17	

NOTE: Extremity SAR test results of 5.8G 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	165/5825	802.11ax HE 20	0.086	0.041	2.65	15.59	16.00	0.095	2024/12/17	
Back Side	165/5825	802.11ax HE 20	0.201	0.106	3.65	15.59	16.00	0.221	2024/12/17	
Right Side	165/5825	802.11ax HE 20	0.150	0.079	-0.08	15.59	16.00	0.165	2024/12/17	
Top	165/5825	802.11ax HE	0.506	0.239	-0.84	15.59	16.00	0.556	2024/12/17	22#

Side		20								
------	--	----	--	--	--	--	--	--	--	--

NOTE: Extremity SAR test results of 5.8G MIMO

Test Position of Hotspot with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	165/5825	802.11ax HE 20	0.341	0.139	3.65	15.59	16.00	0.153	2024/12/17	61#

NOTE: Extremity SAR test results of 5.8G MIMO

10.2. Simultaneous Transmission Analysis

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

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

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DTS			
Head	Left Cheek	0.259	0.485	0.744	N/A	N/A
	Left Tilt 15 Degree	0.144	0.259	0.403	N/A	N/A
	Right Cheek	0.230	0.456	0.686	N/A	N/A
	Right Tilt 15 Degree	0.112	0.208	0.320	N/A	N/A
Body-Worn	Front Side	0.421	0.191	0.612	N/A	N/A
	Back Side	1.195	0.125	1.320	N/A	N/A
Hotspot	Front Side	0.421	0.191	0.612	N/A	N/A
	Back Side	1.195	0.125	1.320	N/A	N/A
	Left Side	0.622	N/A	0.622	N/A	N/A
	Right Side	0.991	0.066	1.057	N/A	N/A
	Top Side	N/A	0.073	0.028	N/A	N/A
	Bottom Side	1.047	N/A	1.047	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.259	0.535	0.794	N/A	N/A
	Left Tilt 15 Degree	0.144	0.308	0.452	N/A	N/A
	Right Cheek	0.230	0.466	0.696	N/A	N/A
	Right Tilt 15 Degree	0.112	0.247	0.359	N/A	N/A
Body-Worn	Front Side	0.421	0.313	0.734	N/A	N/A
	Back Side	1.195	0.322	1.517	N/A	N/A
Hotspot	Front Side	0.421	0.313	0.734	N/A	N/A
	Back Side	1.195	0.322	1.517	N/A	N/A
	Left Side	0.622	N/A	0.622	N/A	N/A
	Right Side	0.991	0.177	1.168	N/A	N/A
	Top Side	N/A	0.556	0.556	N/A	N/A
	Bottom Side	1.047	N/A	1.047	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.259	0.297	0.556	N/A	N/A
	Left Tilt 15 Degree	0.144	0.297	0.441	N/A	N/A
	Right Cheek	0.230	0.297	0.527	N/A	N/A
	Right Tilt 15 Degree	0.112	0.297	0.409	N/A	N/A
Body-Worn	Front Side	0.421	0.149	0.570	N/A	N/A
	Back Side	1.195	0.149	1.344	N/A	N/A
Hotspot	Front Side	0.421	0.149	0.570	N/A	N/A
	Back Side	1.195	0.149	1.344	N/A	N/A
	Left Side	0.622	N/A	0.622	N/A	N/A
	Right Side	0.991	0.149	1.140	N/A	N/A
	Top Side	N/A	0.149	0.149	N/A	N/A
	Bottom Side	1.047	N/A	1.047	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DTS			
Extremity	Back Side	1.075	0.166	1.241	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Extremity	Back Side	1.075	0.217	1.292	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 - 5600MHz
MEASUREMENT 9 System Performance Check - 5800MHz

MEASUREMENT 1

Date of measurement: 9/9/2024

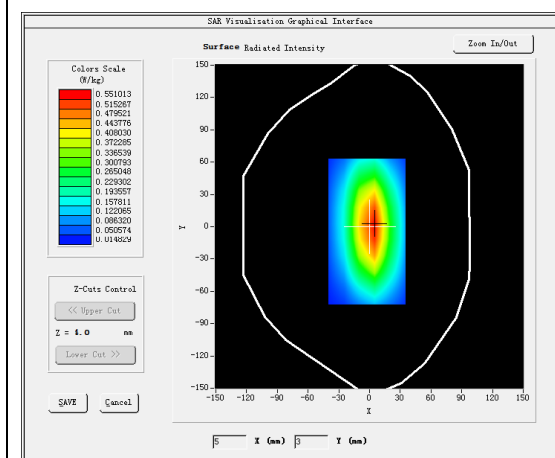
A. Experimental conditions.

<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>2.37</u>

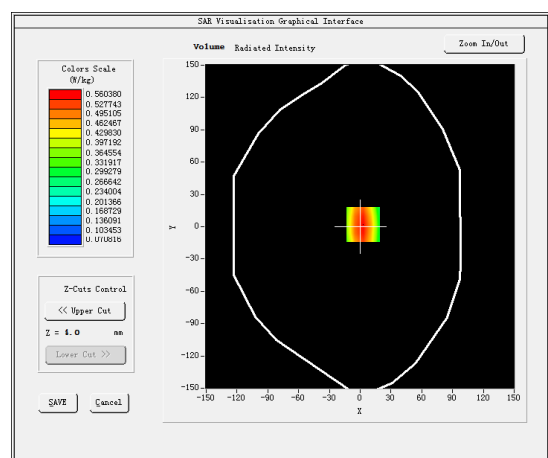
B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative permittivity (real part)	40.571880
Relative permittivity (imaginary part)	21.550346
Conductivity (S/m)	0.897931
Variation (%)	-0.110000

SURFACE SAR



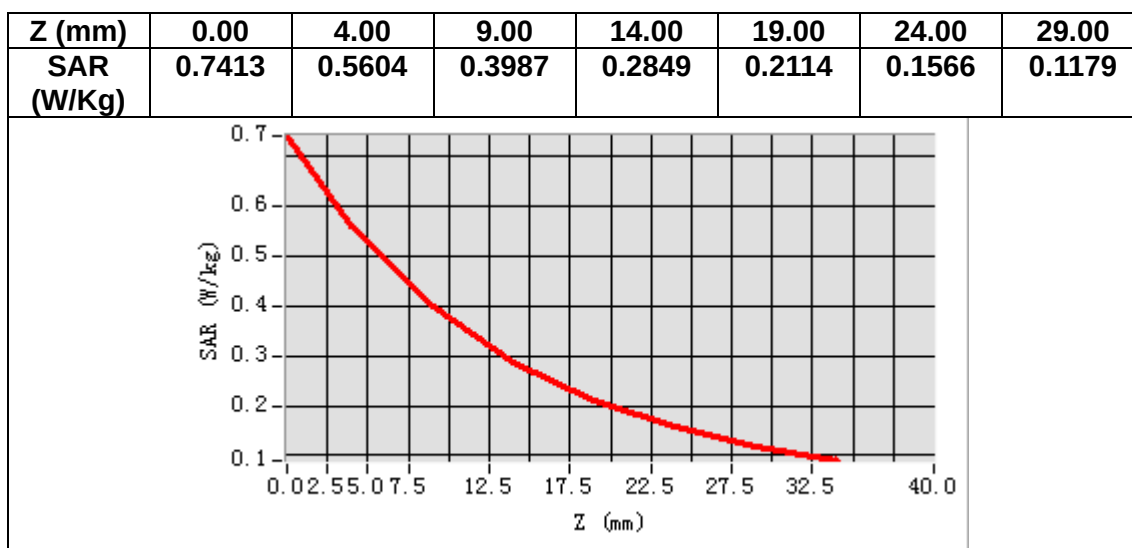
VOLUME SAR



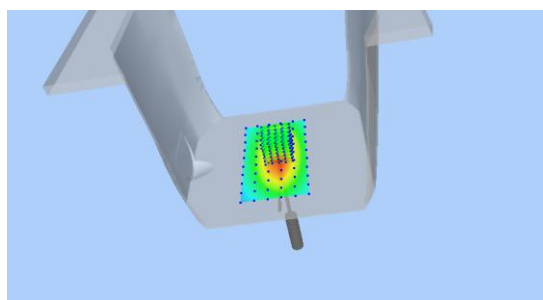
Maximum location: X=3.00, Y=2.00

SAR Peak: 0.74 W/kg

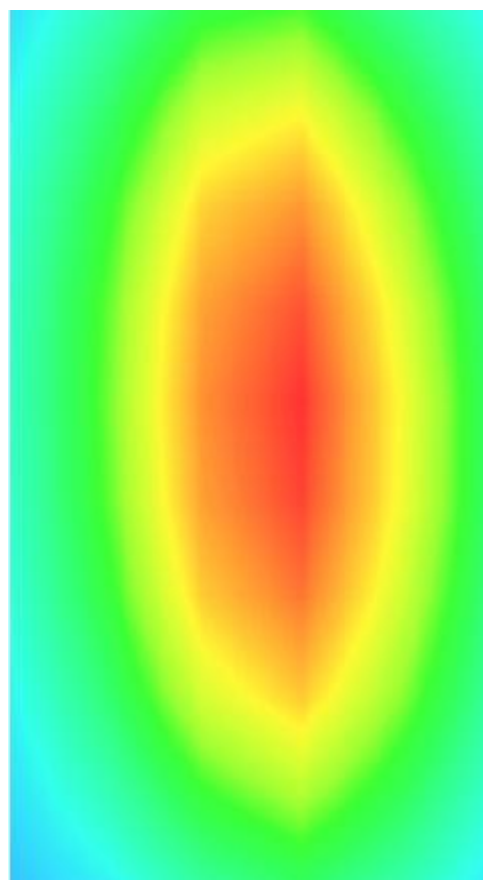
SAR 10g (W/Kg)	0.366403
SAR 1g (W/Kg)	0.543299



3D screen shot



Hot spot position



MEASUREMENT 2

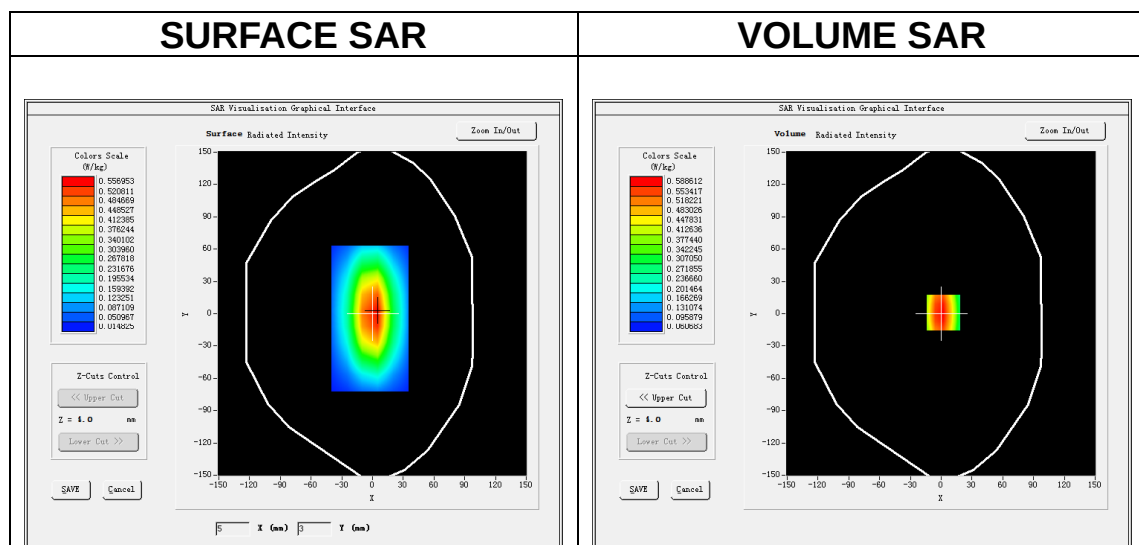
Date of measurement: 30/8/2024

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>2.32</u>

B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative permittivity (real part)	42.237610
Relative permittivity (imaginary part)	19.940147
Conductivity (S/m)	0.925001
Variation (%)	-0.390000



Maximum location: X=2.00, Y=1.00

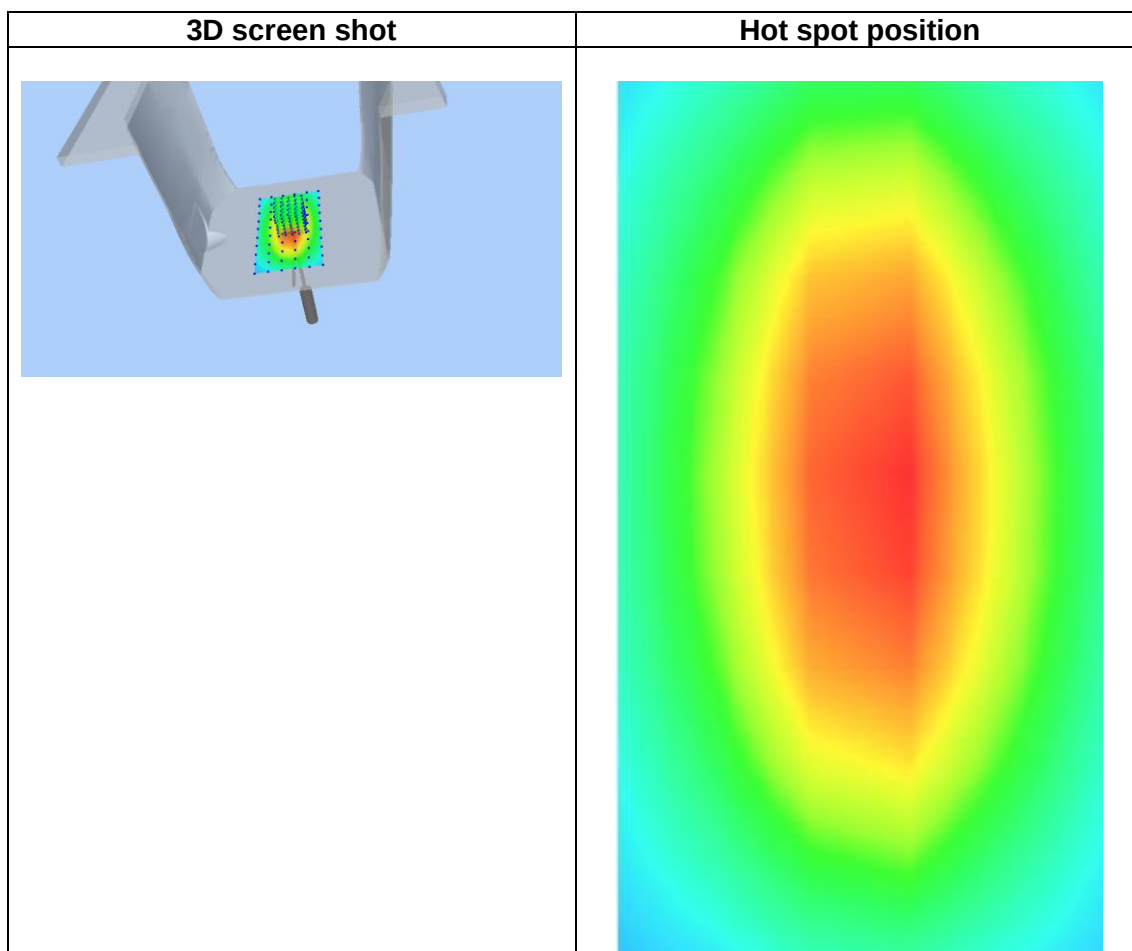
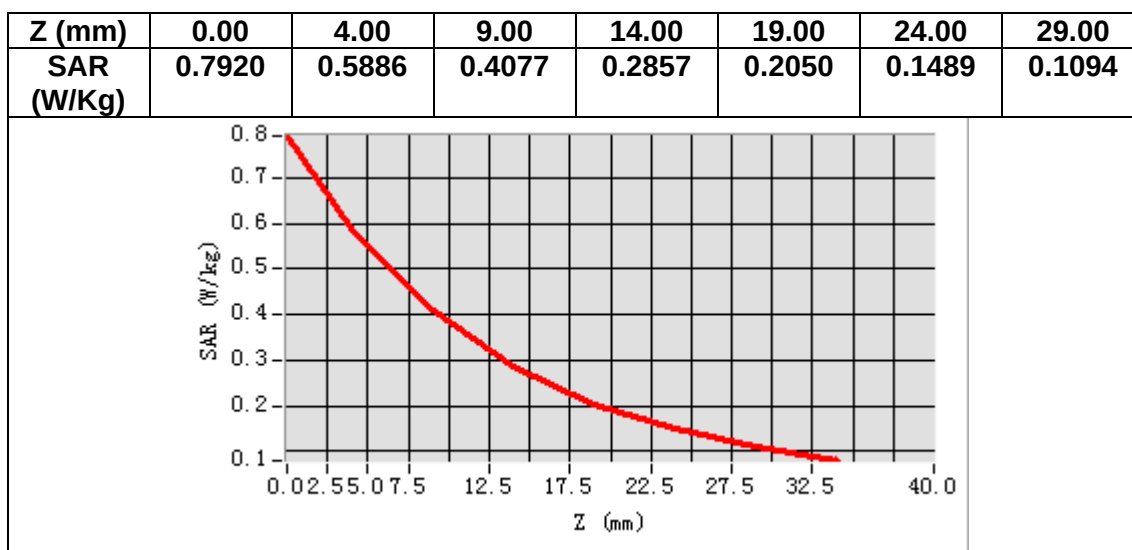
SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)

0.377056

SAR 1g (W/Kg)

0.576211



MEASUREMENT 3

Date of measurement: 28/8/2024

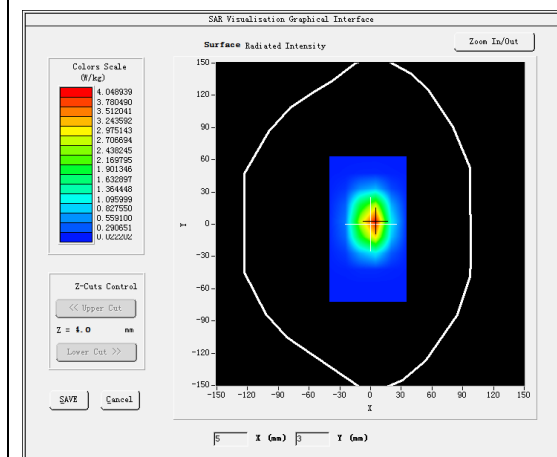
A. Experimental conditions.

<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>2.45</u>

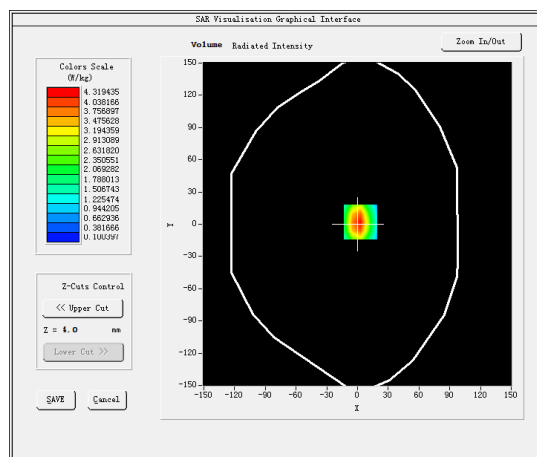
B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.467928
Relative permittivity (imaginary part)	13.859647
Conductivity (S/m)	1.385965
Variation (%)	0.680000

SURFACE SAR

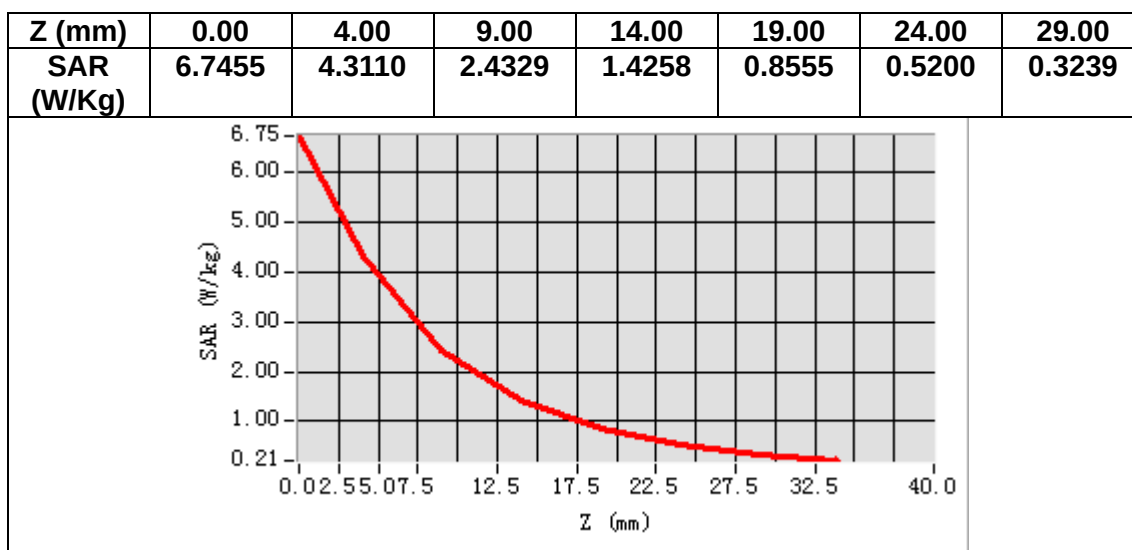


VOLUME SAR

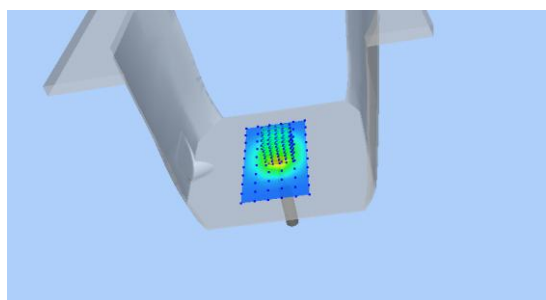


Maximum location: X=3.00, Y=2.00
SAR Peak: 6.82 W/kg

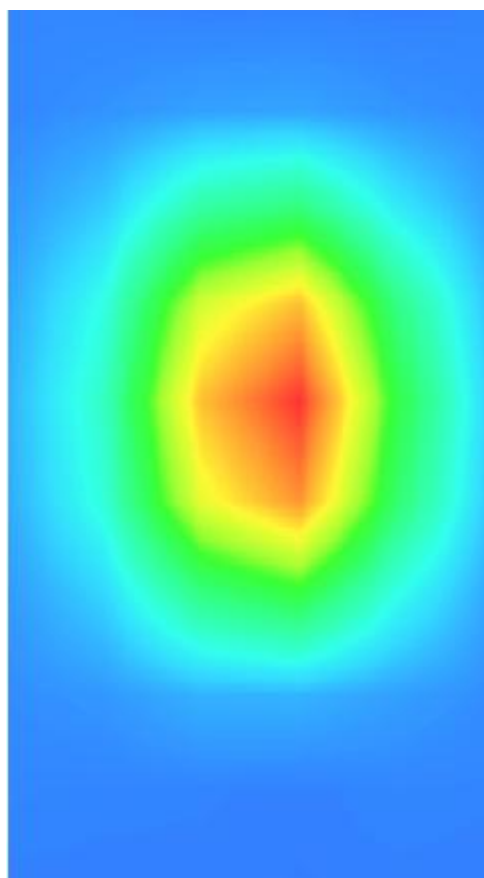
SAR 10g (W/Kg)	1.911124
SAR 1g (W/Kg)	3.457229



3D screen shot



Hot spot position



MEASUREMENT 4

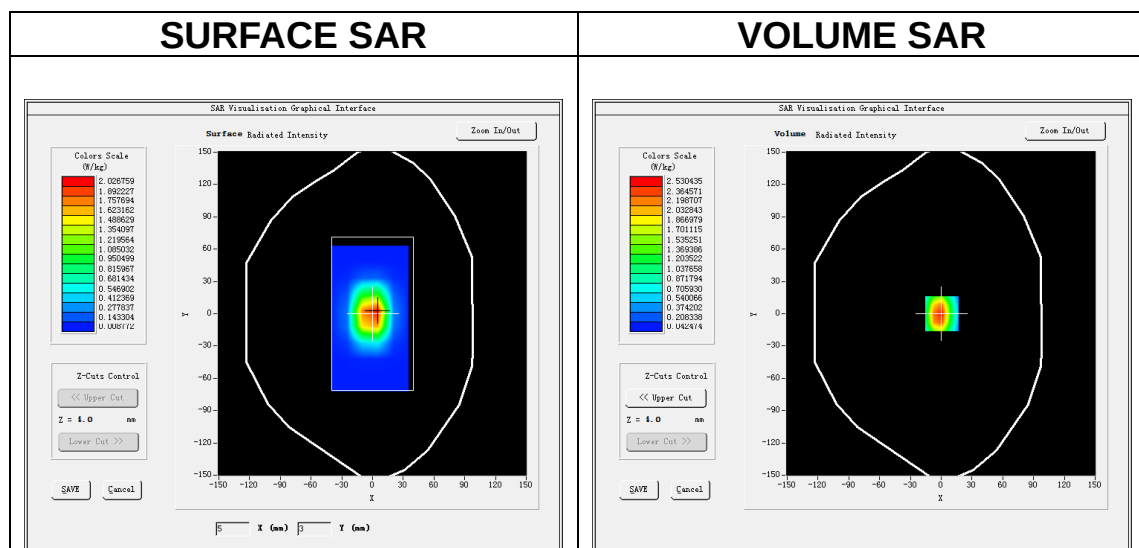
Date of measurement: 10/9/2024

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>2.63</u>

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative permittivity (real part)	38.587635
Relative permittivity (imaginary part)	13.833045
Conductivity (S/m)	1.460155
Variation (%)	0.010000



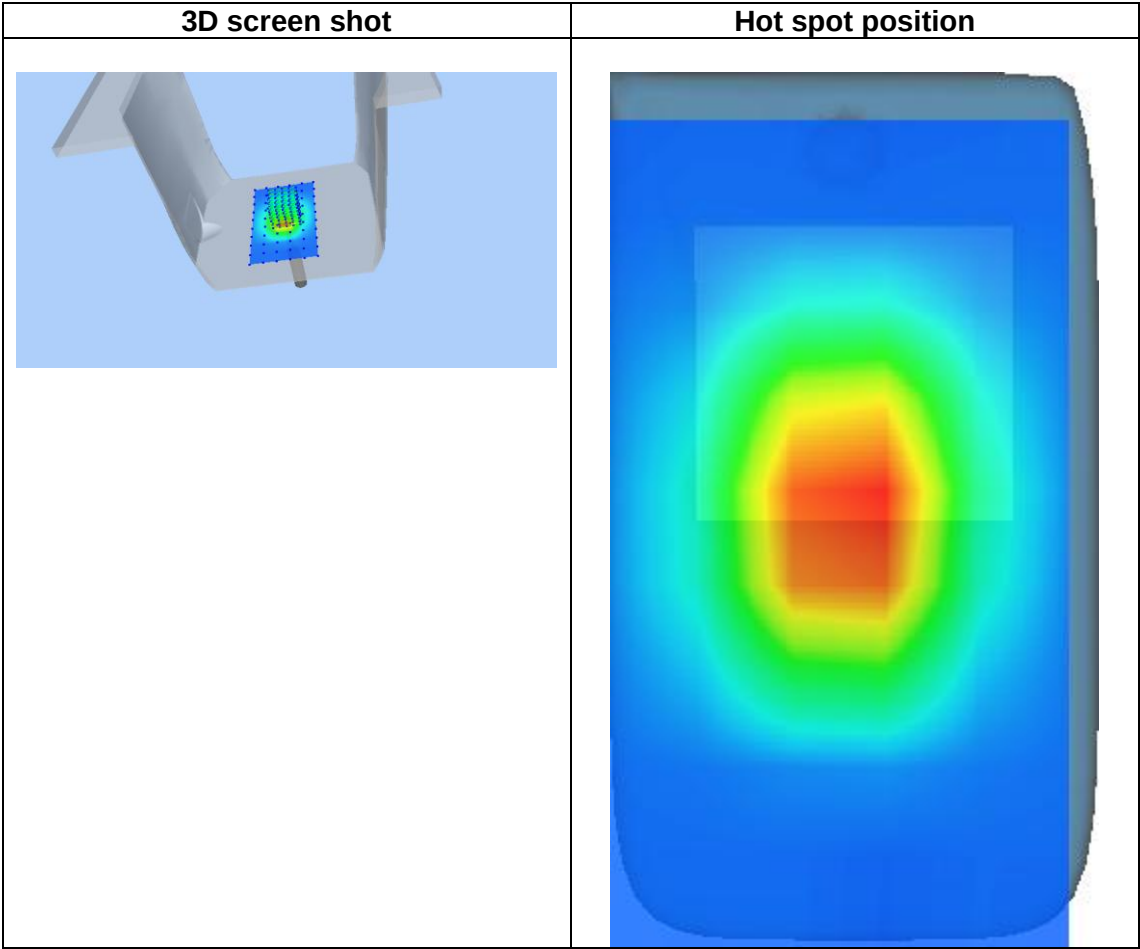
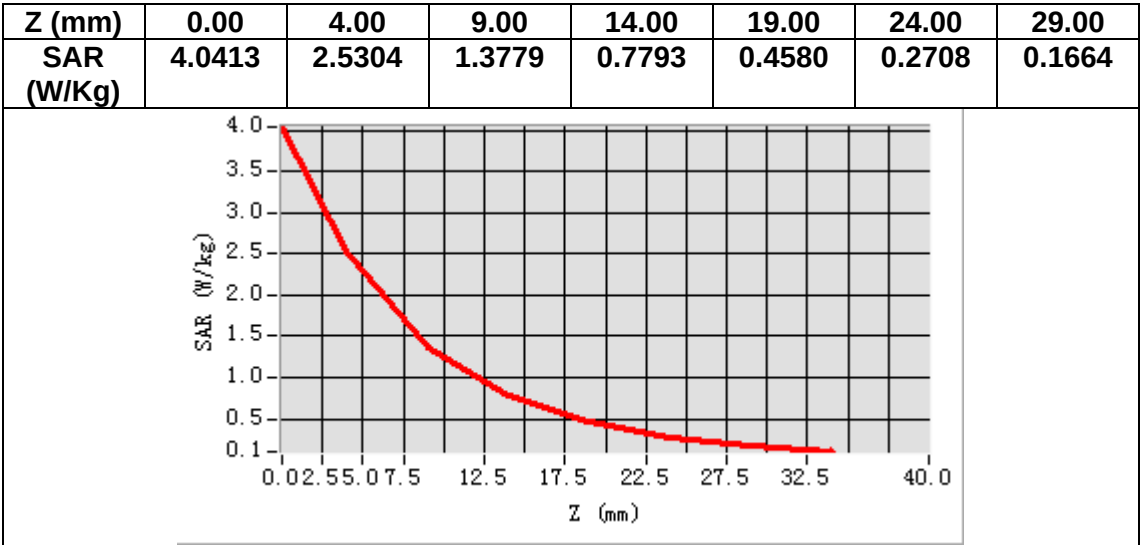
Maximum location: X=1.00, Y=0.00

SAR Peak: 4.18 W/kg

SAR 10g (W/Kg)	1.244418
-----------------------	----------

SAR 1g (W/Kg)

2.529641



MEASUREMENT 5

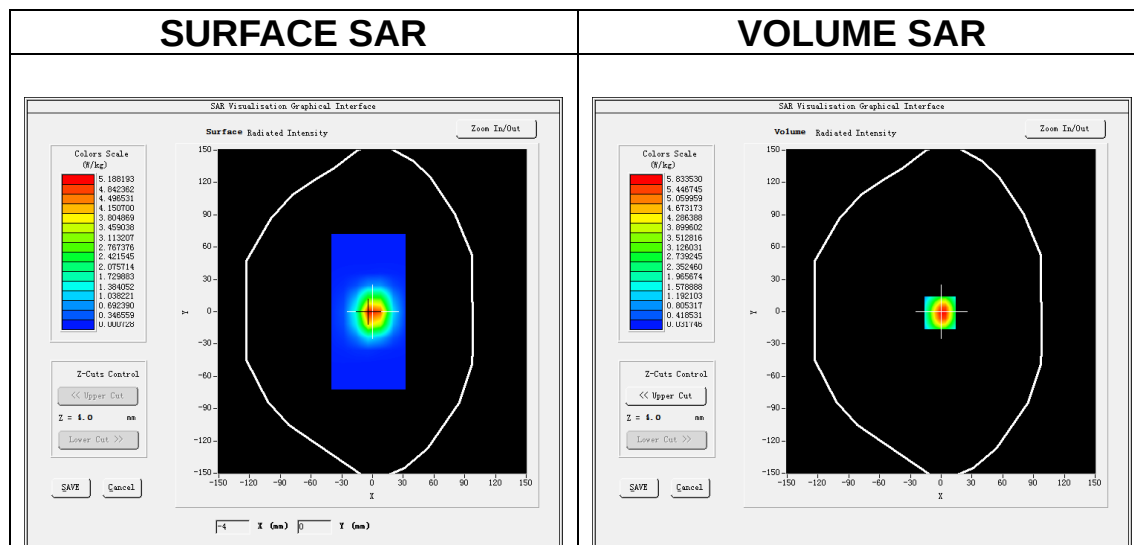
Date of measurement: 26/8/2024

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>2.85</u>

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative permittivity (real part)	40.258433
Relative permittivity (imaginary part)	13.548907
Conductivity (S/m)	1.844157
Variation (%)	-0.440000



Maximum location: X=-1.00, Y=-1.00

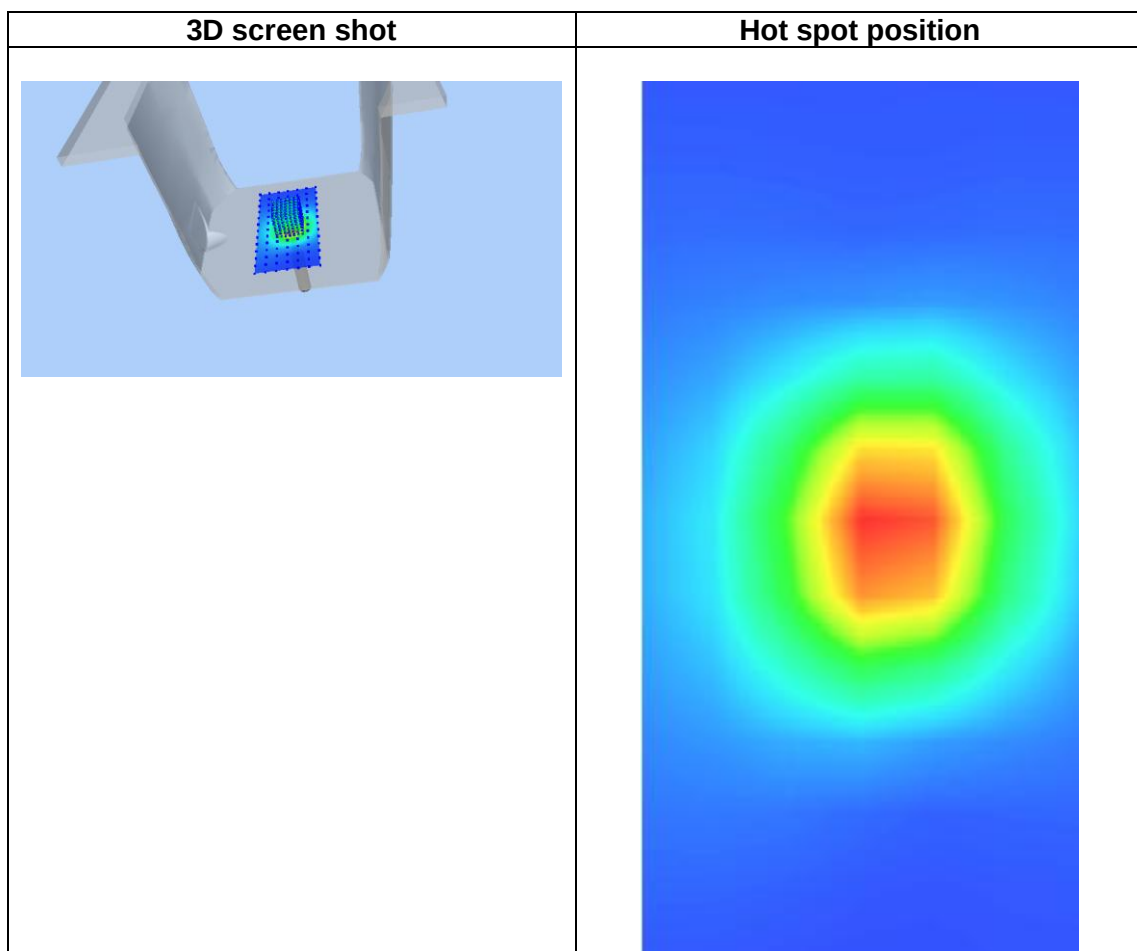
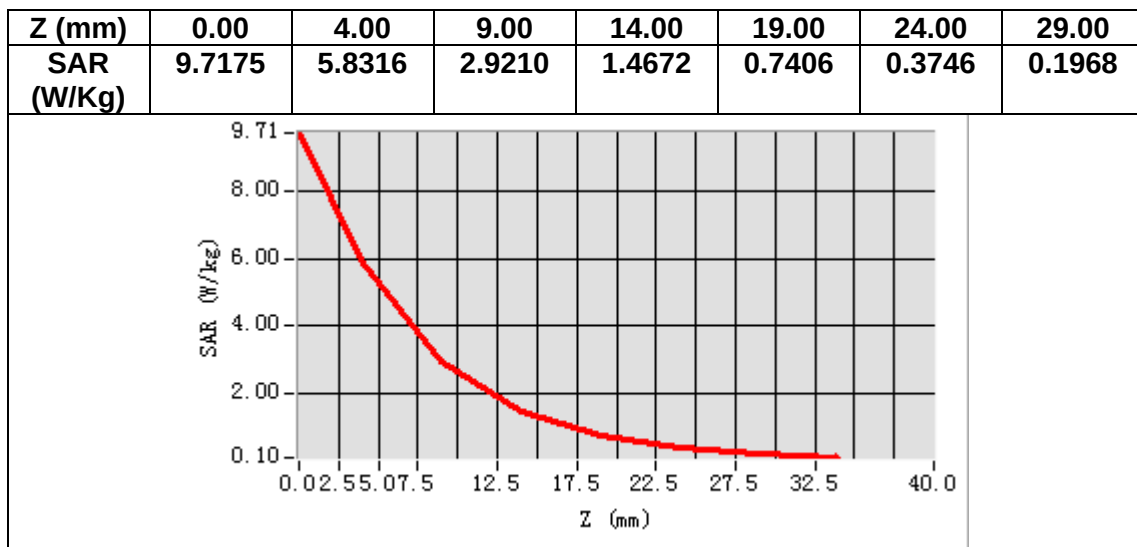
SAR Peak: 9.83 W/kg

SAR 10g (W/Kg)

2.513000

SAR 1g (W/Kg)

5.437286



MEASUREMENT 6

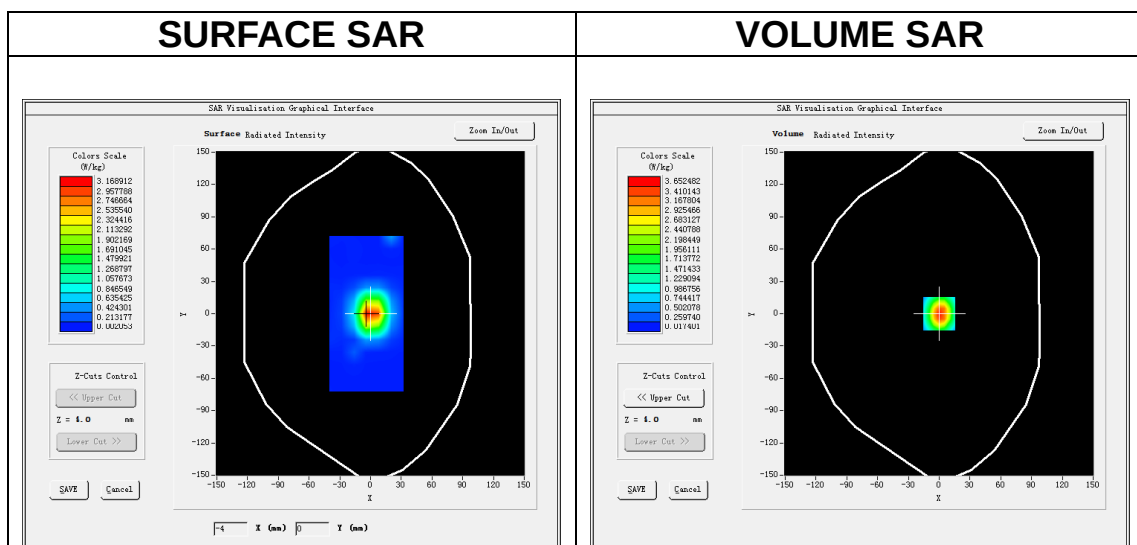
Date of measurement: 27/8/2024

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>2.65</u>

B. SAR Measurement Results

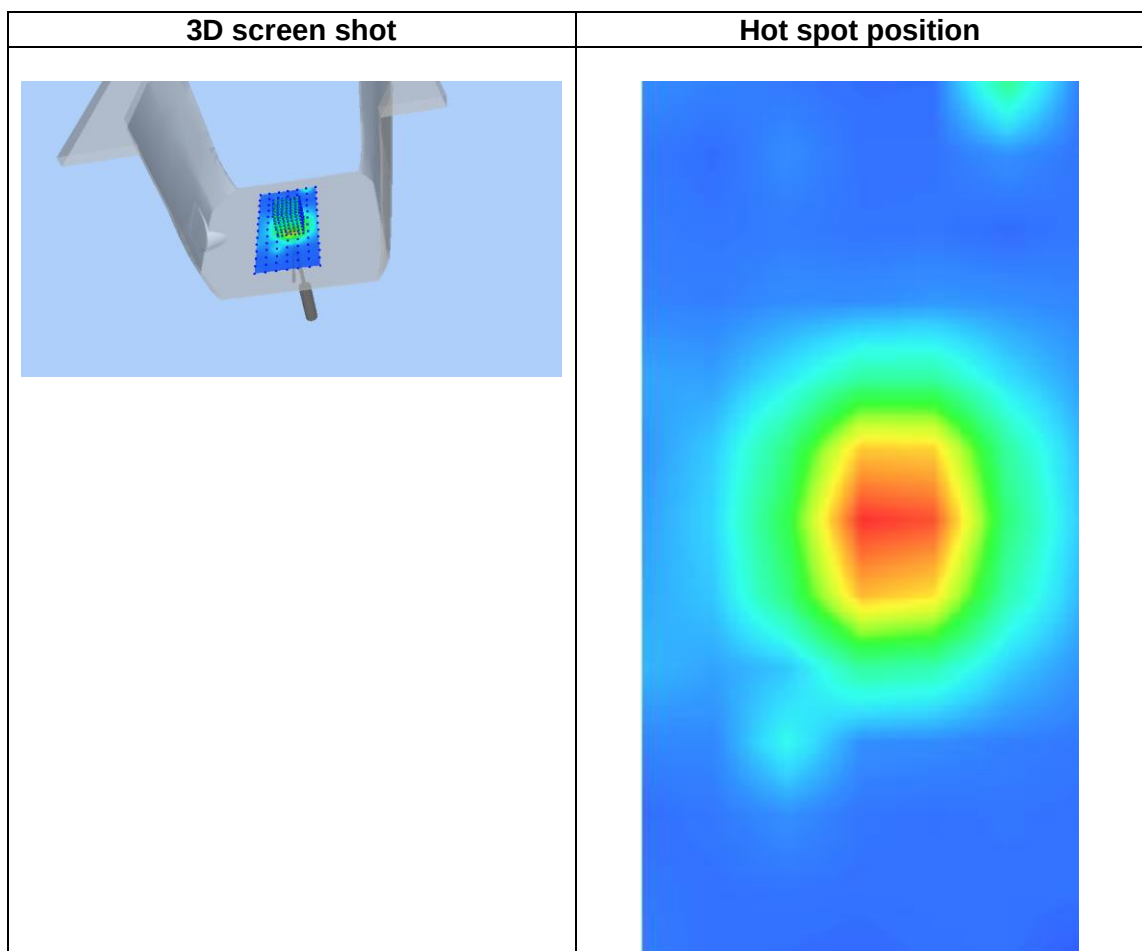
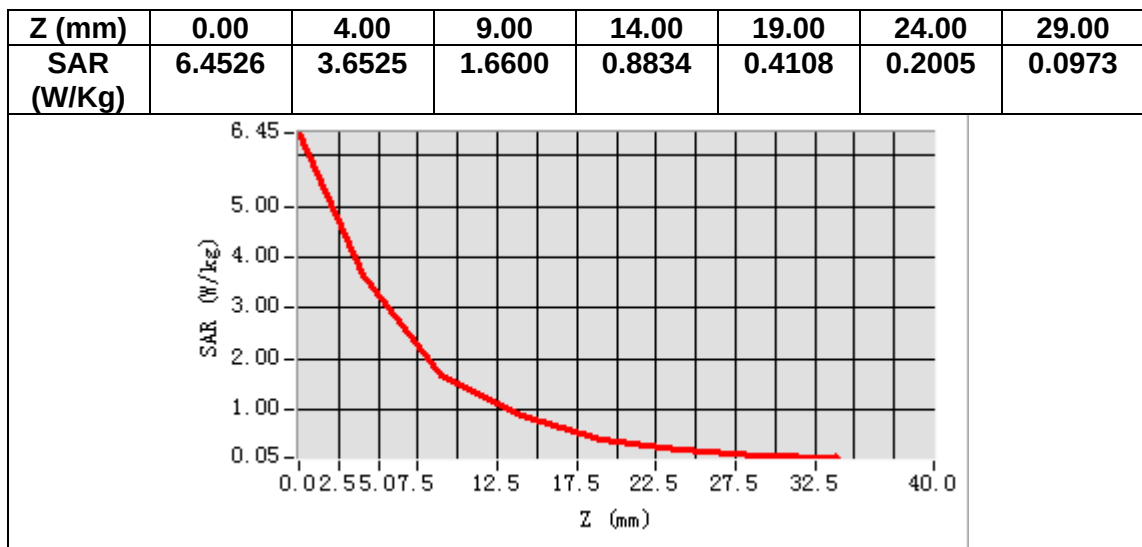
Frequency (MHz)	2600.000000
Relative permittivity (real part)	39.097961
Relative permittivity (imaginary part)	13.921630
Conductivity (S/m)	2.010902
Variation (%)	0.550000



Maximum location: X=0.00, Y=0.00

SAR Peak: 6.35 W/kg

SAR 10g (W/Kg)	1.513066
SAR 1g (W/Kg)	3.343411



MEASUREMENT 7

Date of measurement: 3/9/2024

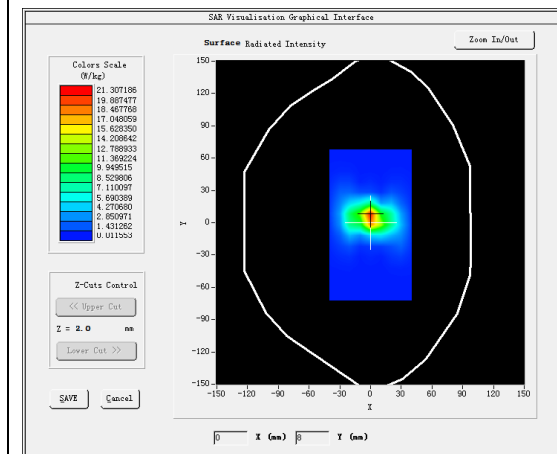
A. Experimental conditions.

<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>2.07</u>

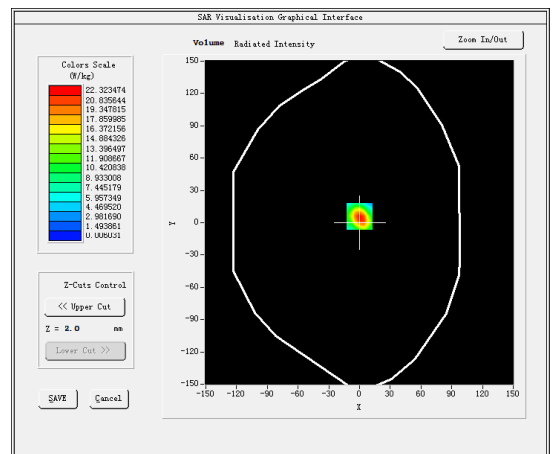
B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.894737
Relative permittivity (imaginary part)	15.877389
Conductivity (S/m)	4.586801
Variation (%)	-0.900000

SURFACE SAR



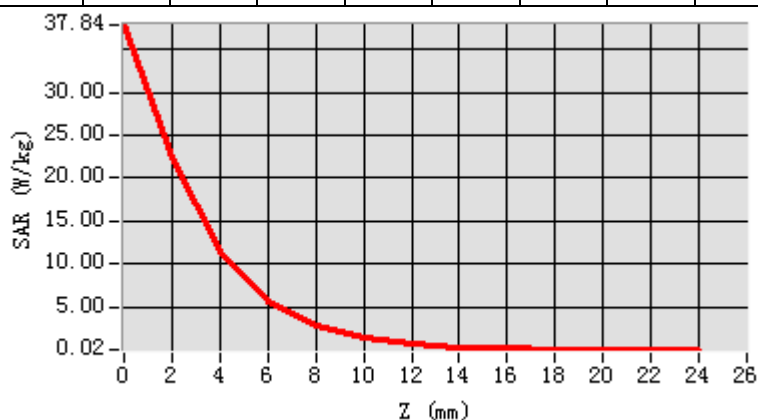
VOLUME SAR

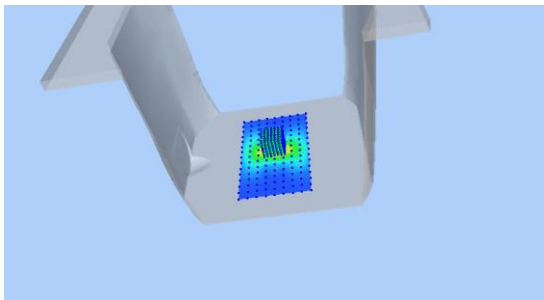
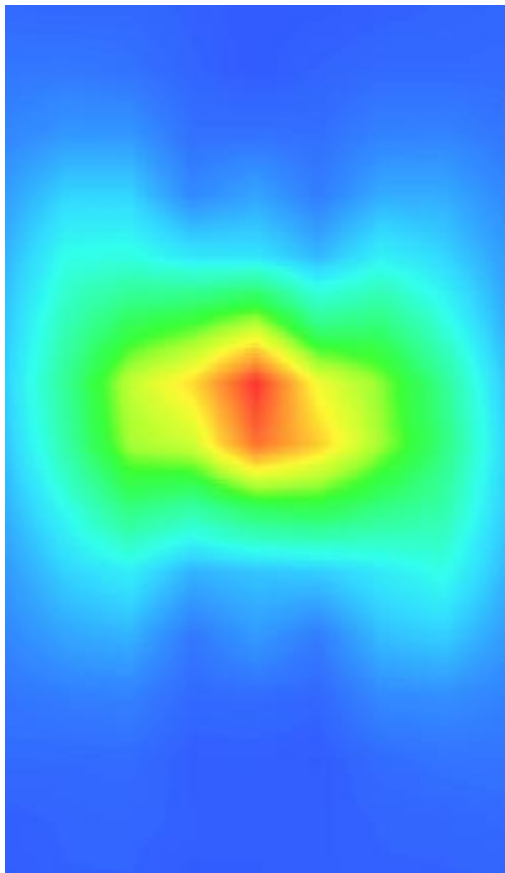


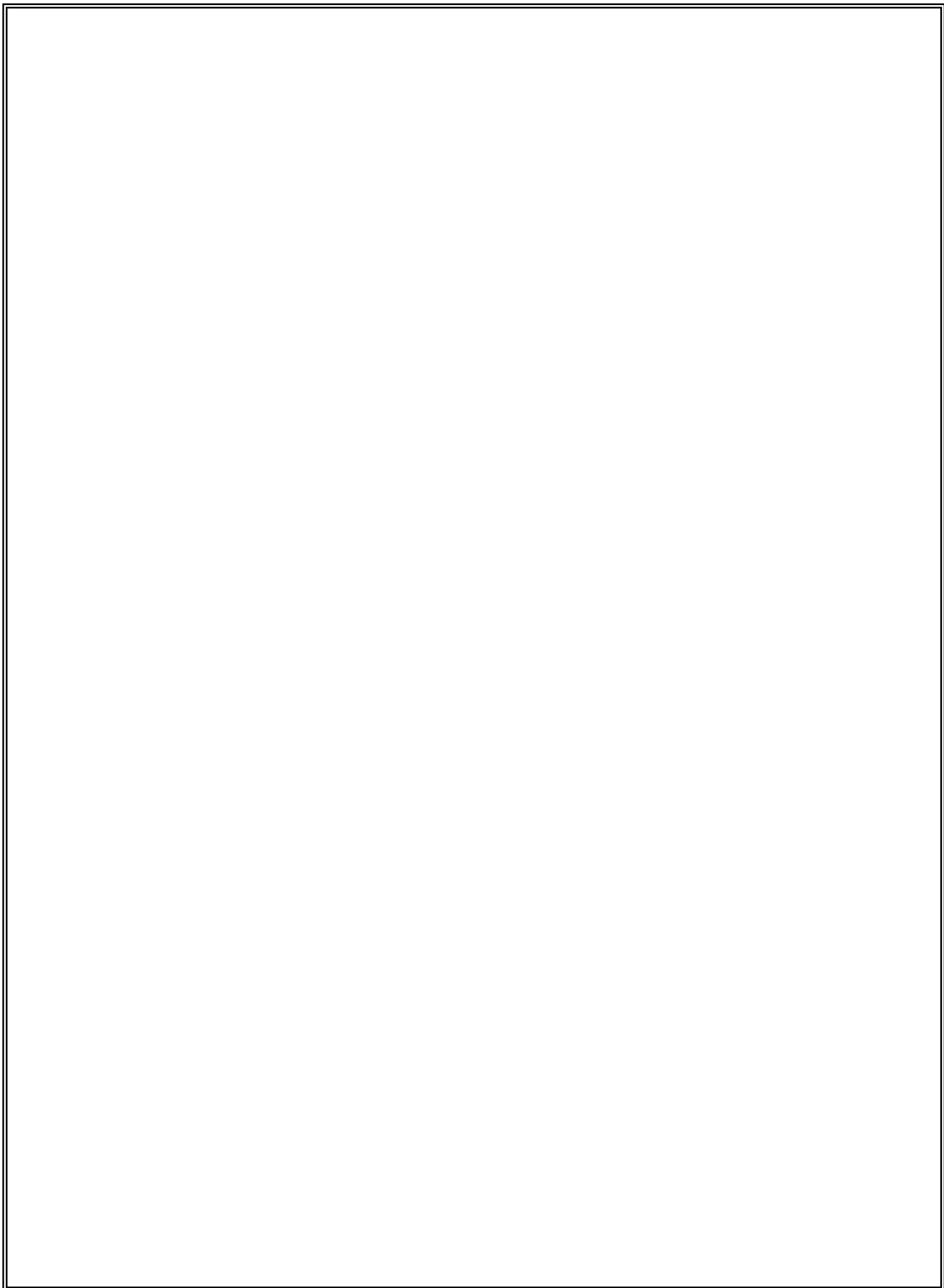
Maximum location: X=0.00, Y=6.00
SAR Peak: 40.06 W/kg

SAR 10g (W/Kg)	3.549376
SAR 1g (W/Kg)	9.574267

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)	37.864	22.379	11.341	5.6652	2.8225	1.4073	0.7108	0.3665	0.1812	0.1014	0.0543	0.0385



3D screen shot	Hot spot position
	



MEASUREMENT 8

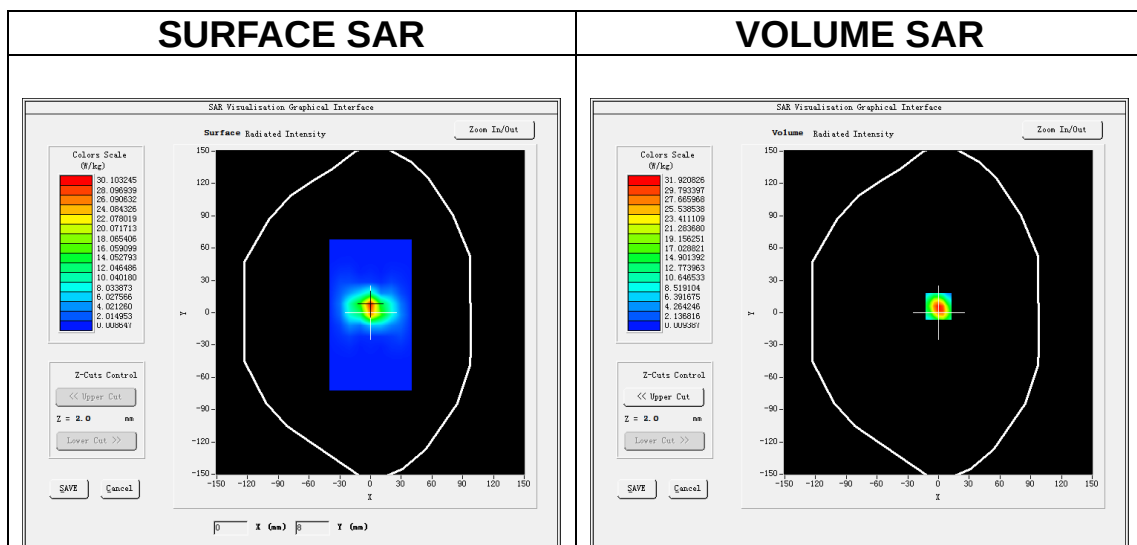
Date of measurement: 6/9/2024

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>2.04</u>

B. SAR Measurement Results

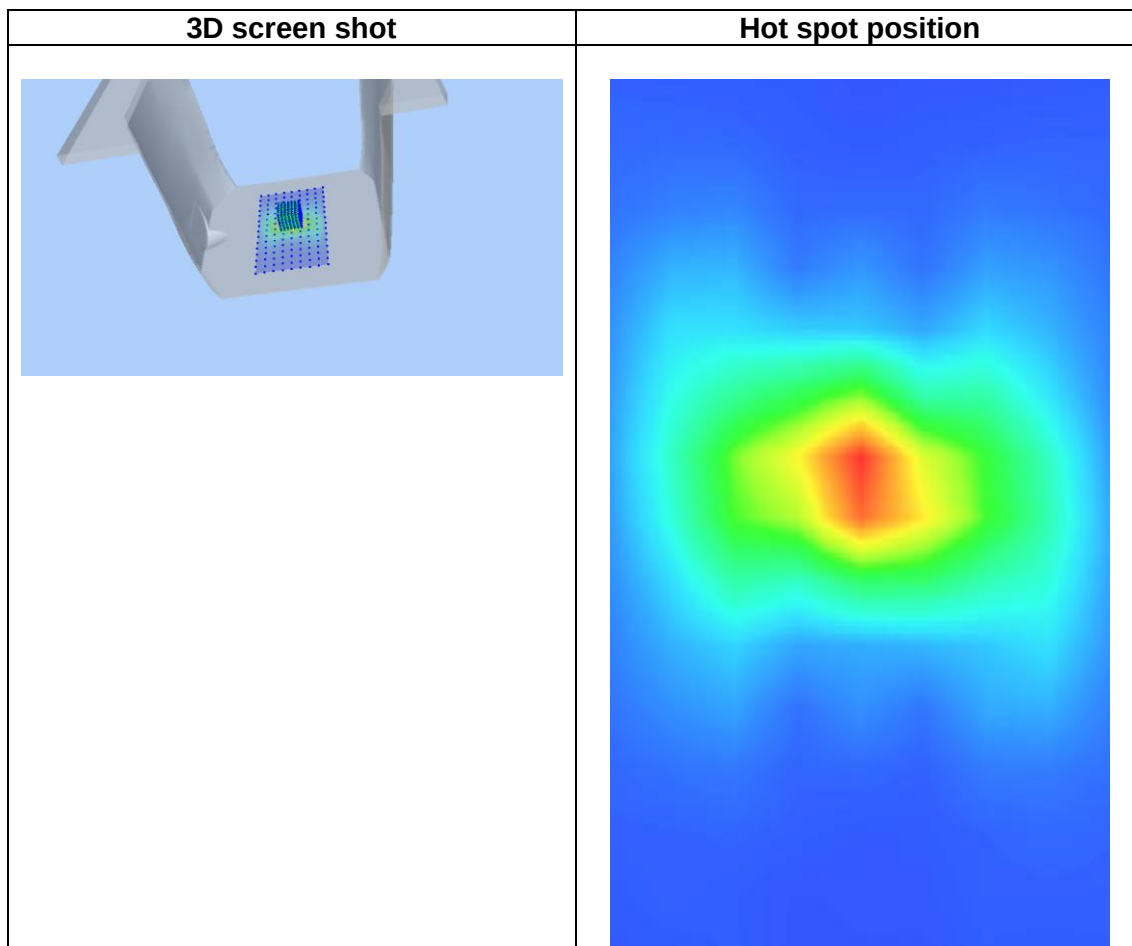
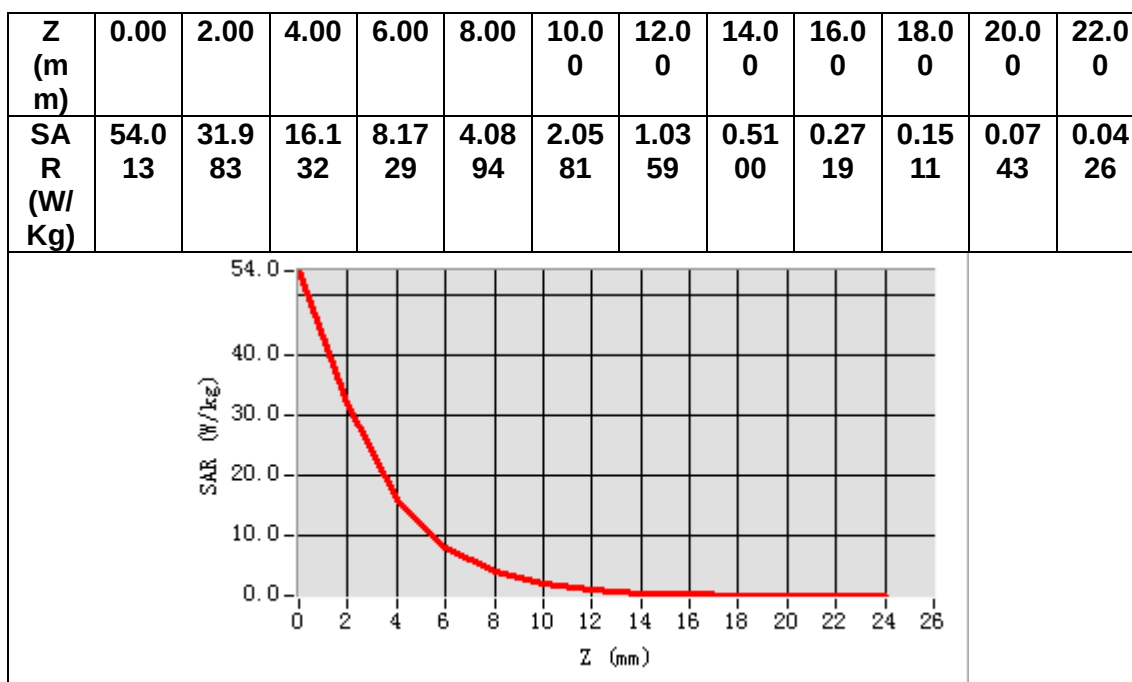
Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.425021
Relative permittivity (imaginary part)	15.888565
Conductivity (S/m)	5.119649
Variation (%)	3.290000



Maximum location: X=0.00, Y=6.00

SAR Peak: 57.37 W/kg

SAR 10g (W/Kg)	3.520352
SAR 1g (W/Kg)	10.986099



13. 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 5.2G Ant1 Body
MEASUREMENT 13 WLAN 5.2G Ant2 Head
MEASUREMENT 14 WLAN 5.2G Ant2 Body
MEASUREMENT 15 WLAN 5.2G MIMO Head
MEASUREMENT 16 WLAN 5.2G MIMO Body
MEASUREMENT 17 WLAN 5.8G Ant1 Head
MEASUREMENT 18 WLAN 5.8G Ant1 Body
MEASUREMENT 19 WLAN 5.8G Ant2 Head
MEASUREMENT 20 WLAN 5.8G Ant2 Body
MEASUREMENT 21 WLAN 5.8G MIMO Head
MEASUREMENT 22 WLAN 5.8G MIMO Body
MEASUREMENT 23 WLAN 2.4G Ant1 Head
MEASUREMENT 24 WLAN 2.4G Ant1 Body
MEASUREMENT 25 WLAN 2.4G Ant2 Head
MEASUREMENT 26 WLAN 2.4G Ant2 Body
MEASUREMENT 27 WLAN 2.4G MIMO Head
MEASUREMENT 28 WLAN 2.4G MIMO Body
MEASUREMENT 29 LTE Band 2 Head
MEASUREMENT 30 LTE Band 2 Body
MEASUREMENT 31 LTE Band 4 Head
MEASUREMENT 32 LTE Band 4 Body
MEASUREMENT 33 LTE Band 5 Head
MEASUREMENT 34 LTE Band 5 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 41 Head
MEASUREMENT 40 LTE Band 41 Body
MEASUREMENT 41 LTE Band 66 Head
MEASUREMENT 42 LTE Band 66 Body
MEASUREMENT 43 LTE Band 71 Head
MEASUREMENT 44 LTE Band 71 Body
MEASUREMENT 45 LTE Band SA n66 Head
MEASUREMENT 46 LTE Band SA n66 Body
MEASUREMENT 47 LTE Band SA n71 Head
MEASUREMENT 48 LTE Band SA n71 Body
MEASUREMENT 49 WCDMA Band 2 Extremity
MEASUREMENT 50 WCDMA Band 4 Extremity
MEASUREMENT 51 LTE Band 2 Extremity
MEASUREMENT 52 LTE Band 4 Extremity
MEASUREMENT 53 LTE Band 66 Extremity
MEASUREMENT 54 NR Band 66 Extremity
MEASUREMENT 55 WLAN 2.4G MIMO Extremity
MEASUREMENT 56 WLAN 5.2G Ant1 Extremity
MEASUREMENT 57 WLAN 5.2G Ant2 Extremity
MEASUREMENT 58 WLAN 5.2G MIMO Extremity
MEASUREMENT 59 WLAN 5.8G Ant1 Extremity
MEASUREMENT 60 WLAN 5.8G Ant2 Extremity
MEASUREMENT 61 WLAN 5.8G MIMO Extremity

MEASUREMENT 1

Date of measurement: 11/12/2024

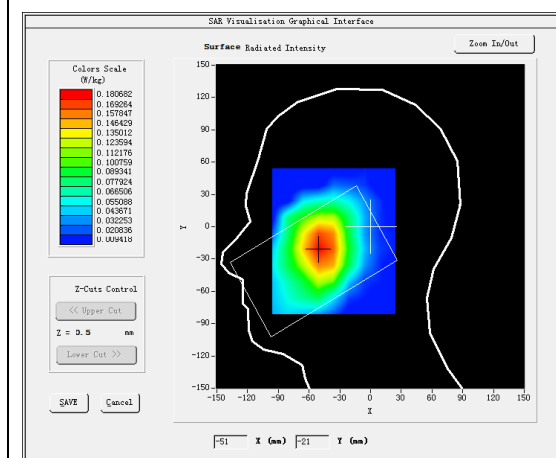
A. Experimental conditions.

<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>

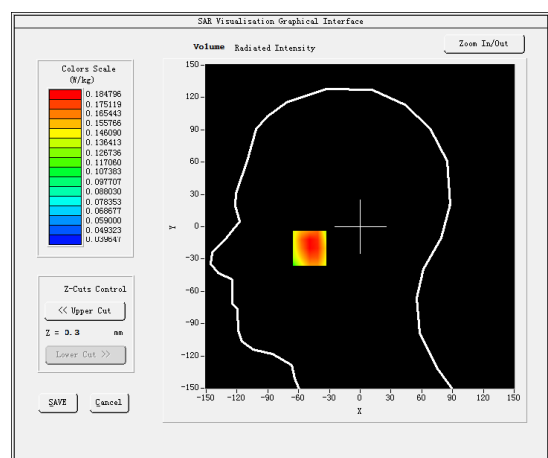
B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	41.742706
Relative permittivity (imaginary part)	19.618612
Conductivity (S/m)	0.911612
Variation (%)	-1.510000

SURFACE SAR



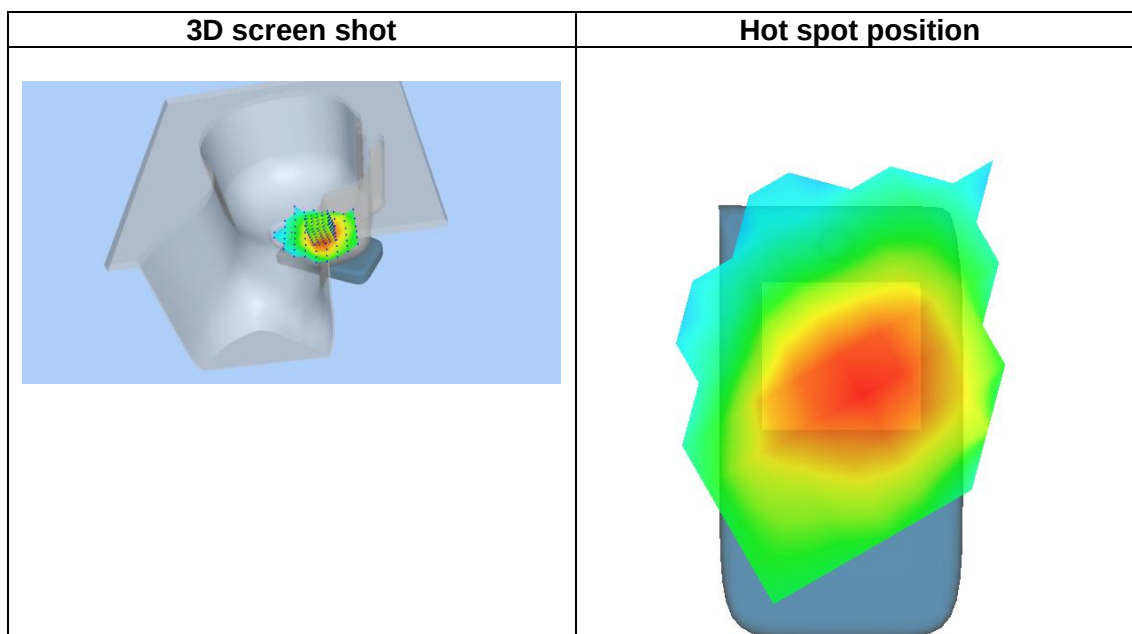
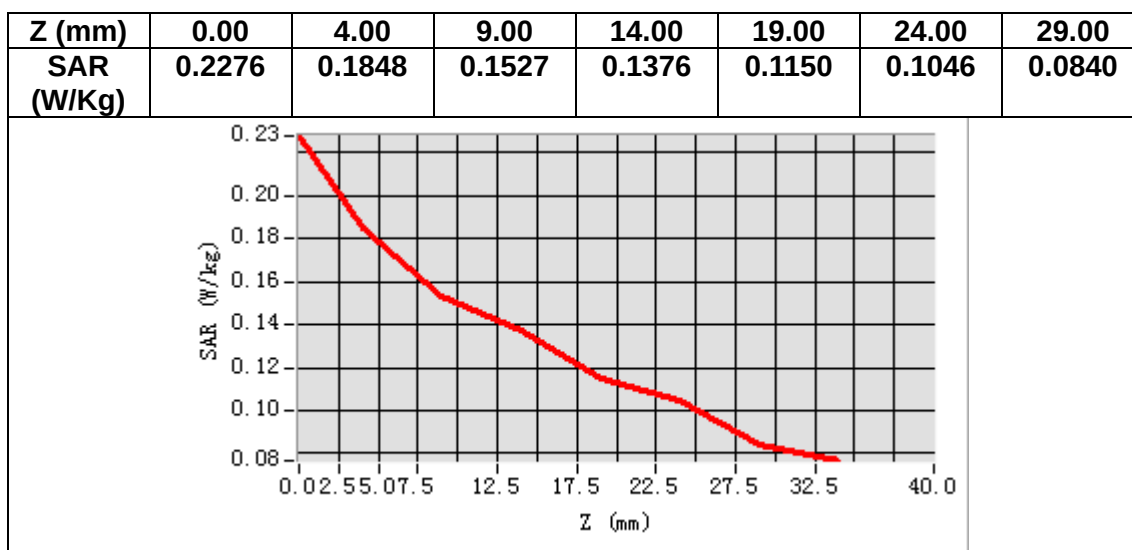
VOLUME SAR



Maximum location: X=-49.00, Y=-20.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.147859
SAR 1g (W/Kg)	0.186121



MEASUREMENT 2

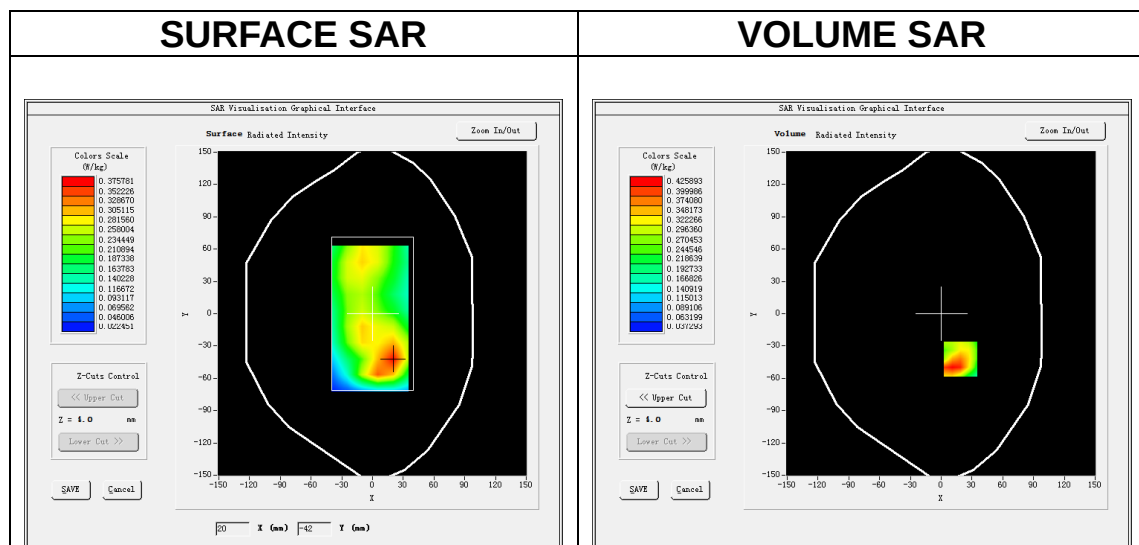
Date of measurement: 11/12/2024

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

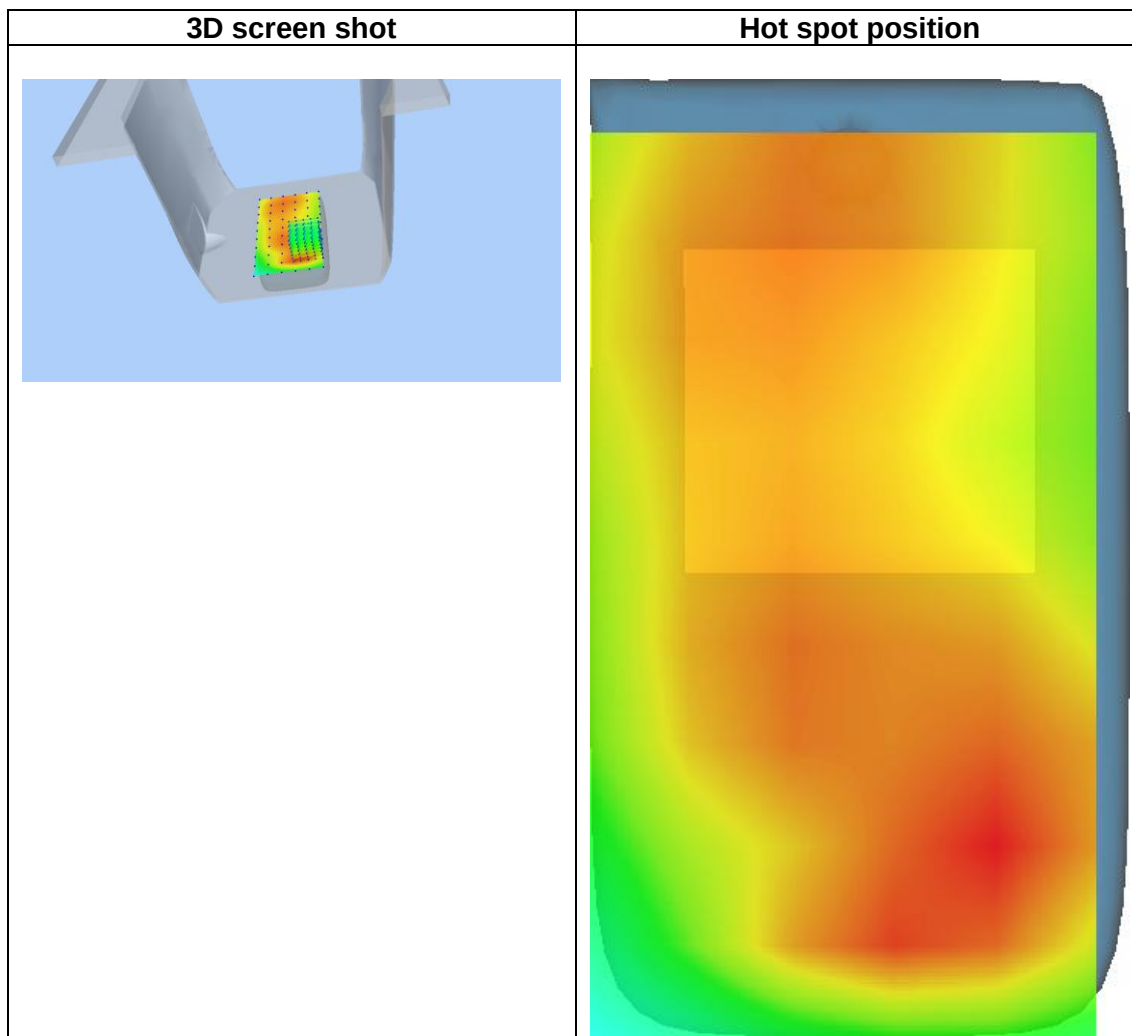
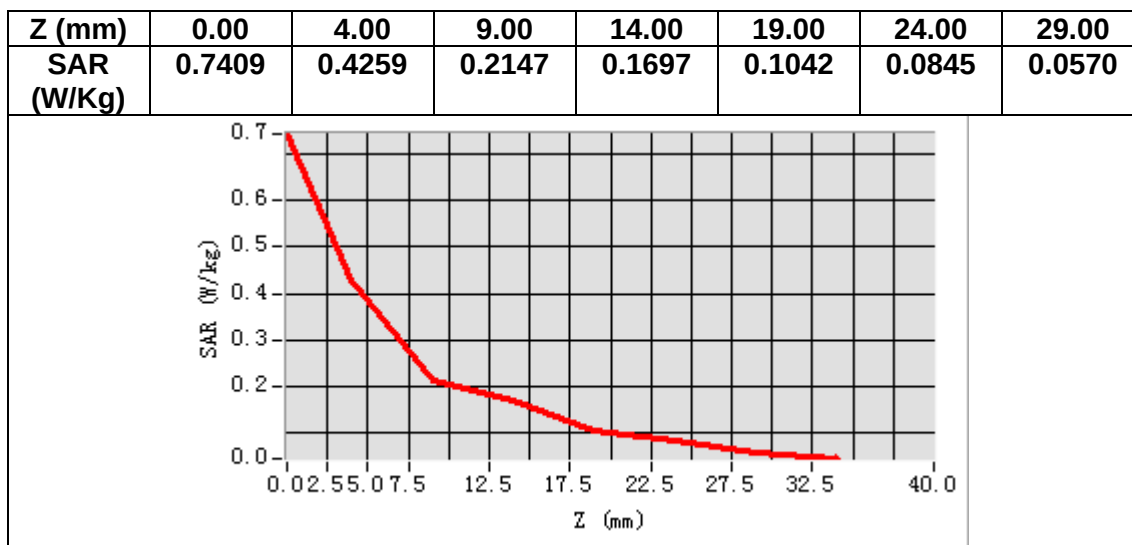
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.742706
Relative permittivity (imaginary part)	19.618612
Conductivity (S/m)	0.911612
Variation (%)	-2.690000



Maximum location: X=19.00, Y=-42.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.242129
SAR 1g (W/Kg)	0.410581



MEASUREMENT 3

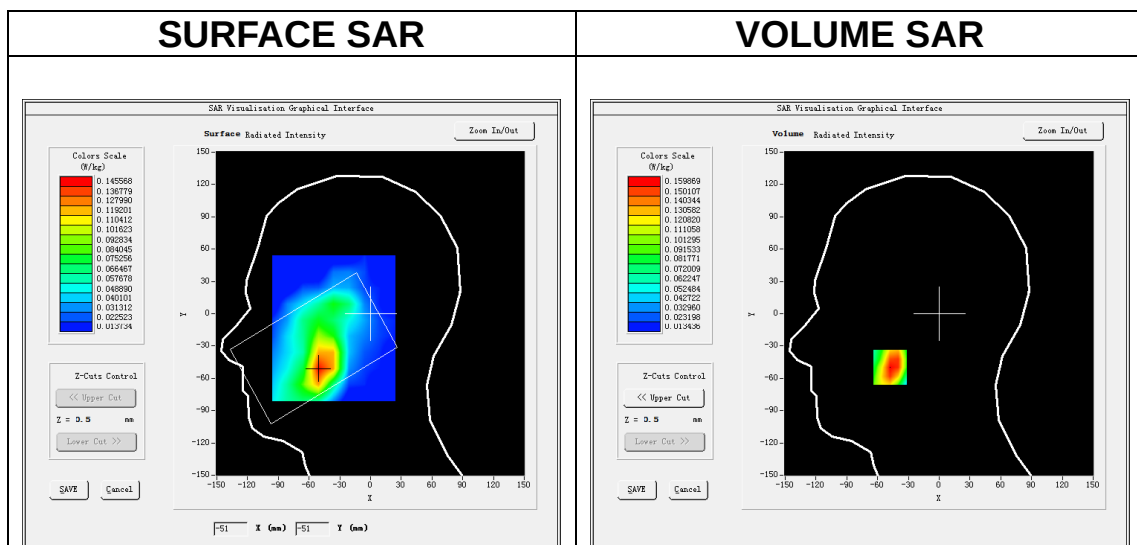
Date of measurement: 26/12/2024

A. Experimental conditions.

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

B. SAR Measurement Results

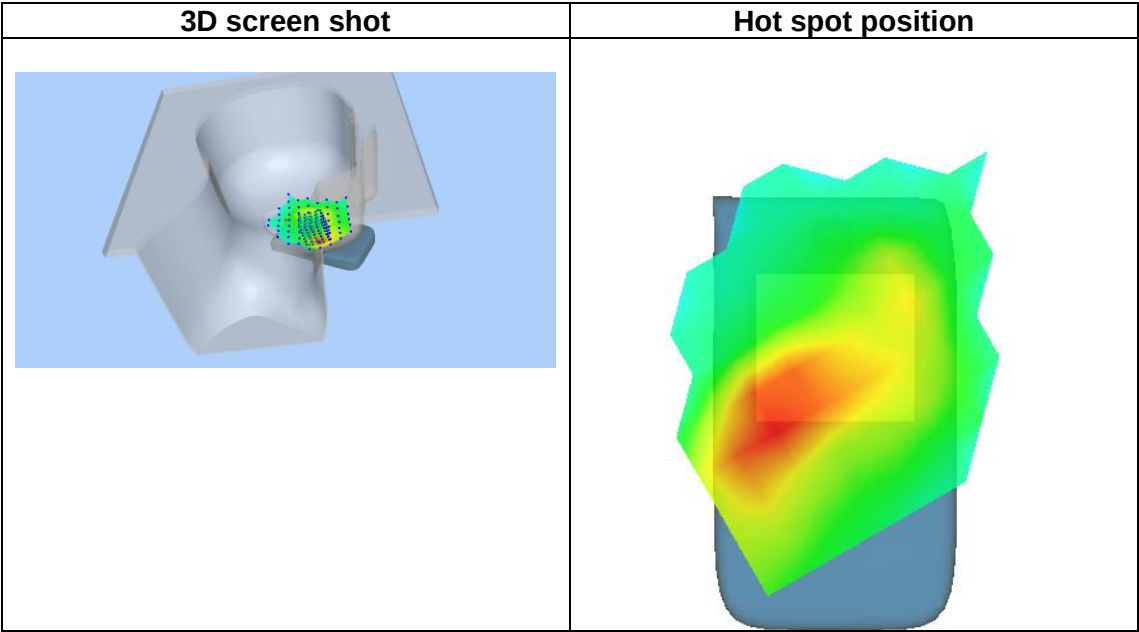
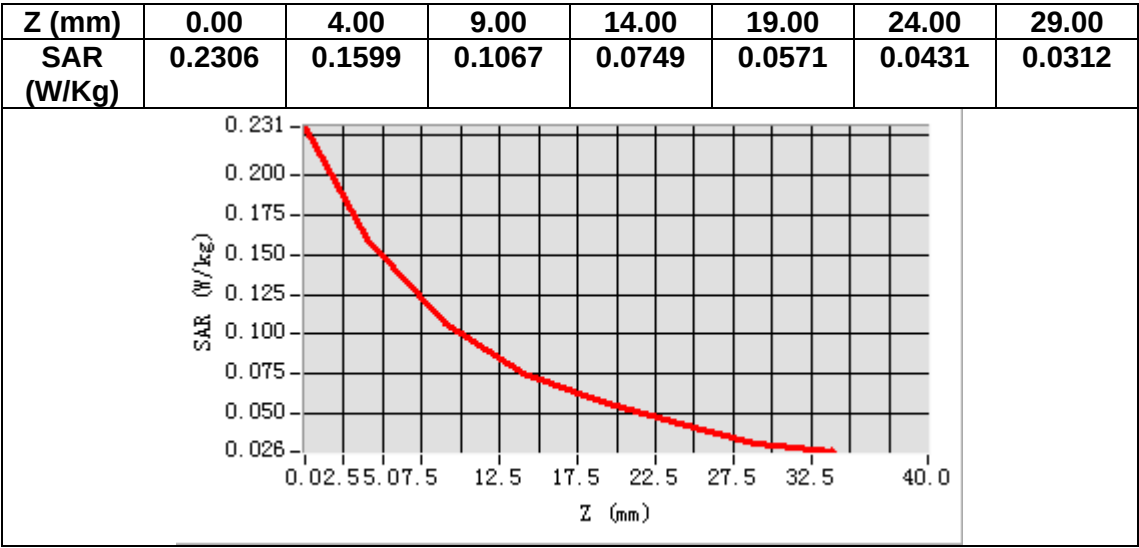
Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.611801
Relative permittivity (imaginary part)	13.870998
Conductivity (S/m)	1.448749
Variation (%)	4.210000



Maximum location: X=-48.00, Y=-50.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.097605
SAR 1g (W/Kg)	0.161865



MEASUREMENT 4

Date of measurement: 26/12/2024

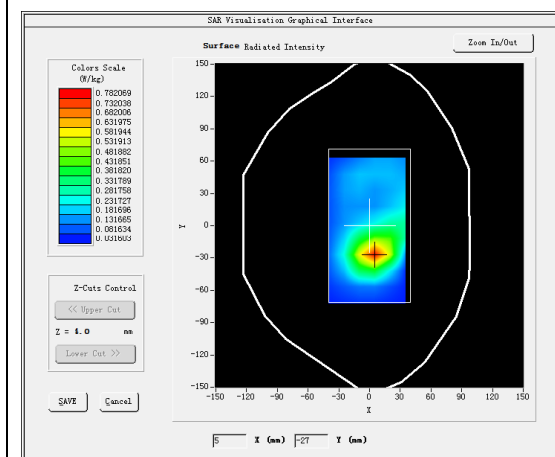
A. Experimental conditions.

<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>

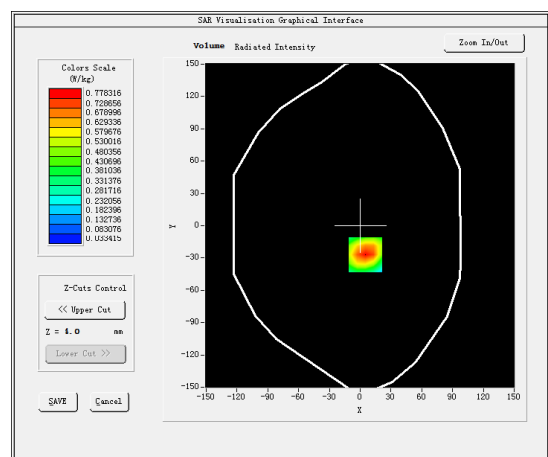
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.611801
Relative permittivity (imaginary part)	13.870998
Conductivity (S/m)	1.448749
Variation (%)	-0.780000

SURFACE SAR



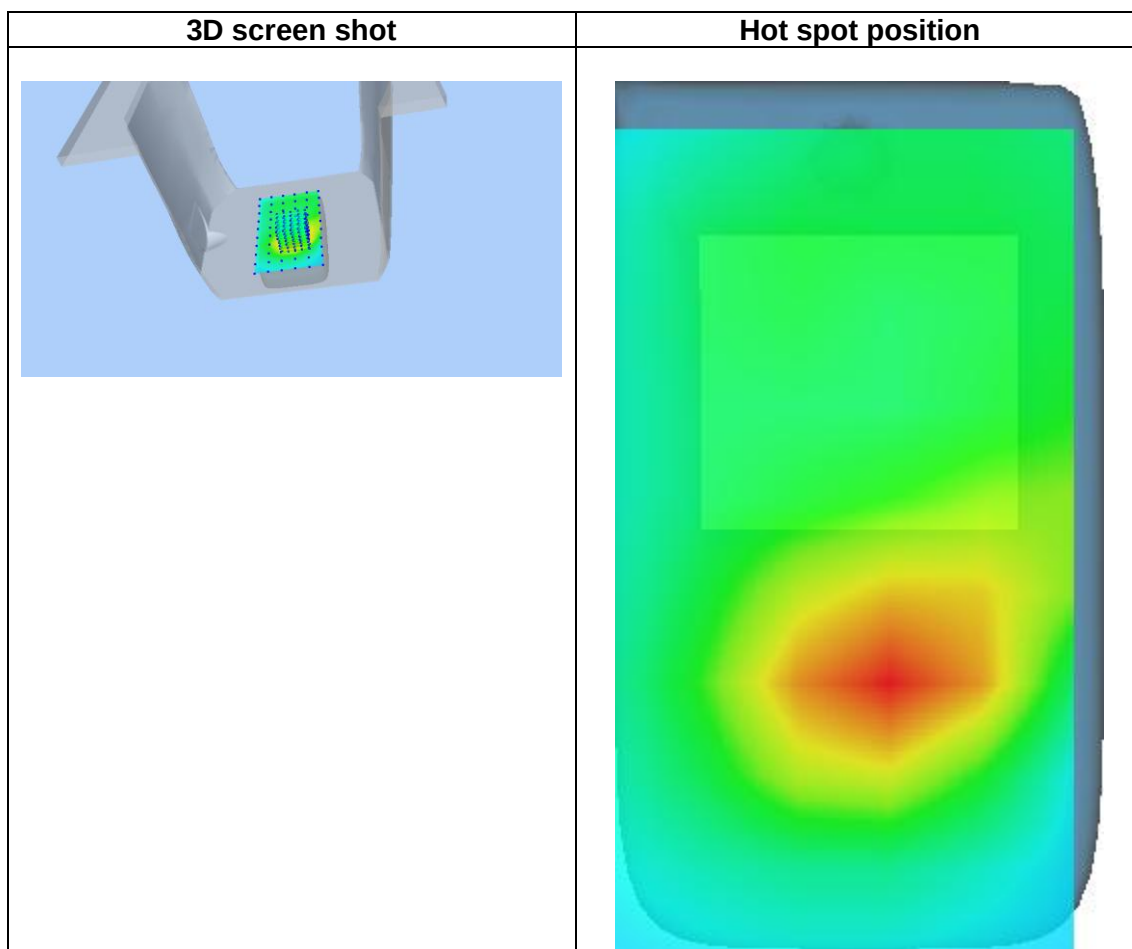
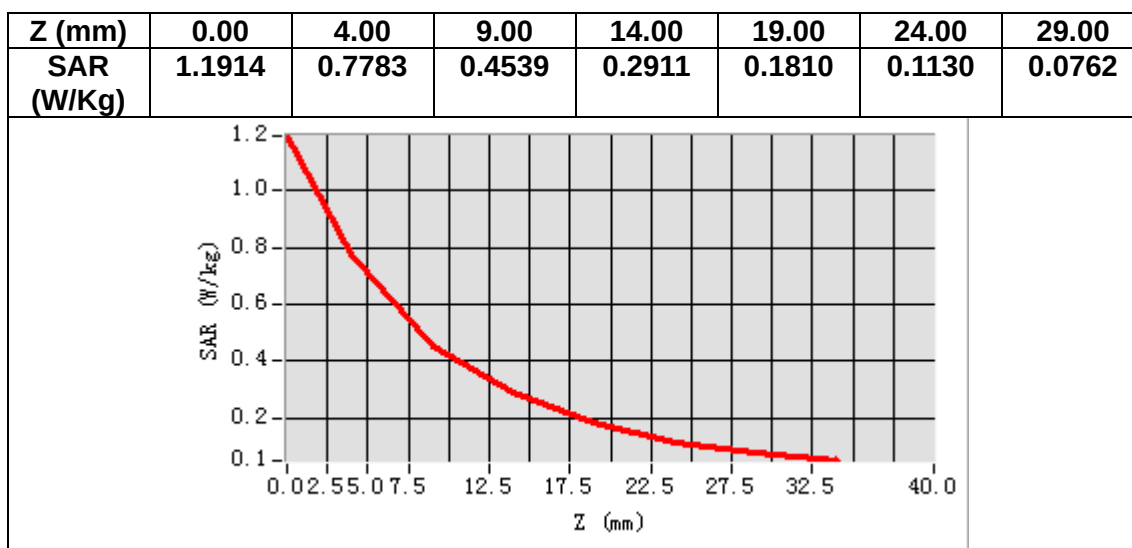
VOLUME SAR



Maximum location: X=5.00, Y=-27.00

SAR Peak: 1.20 W/kg

SAR 10g (W/Kg)	0.417879
SAR 1g (W/Kg)	0.758195



MEASUREMENT 5

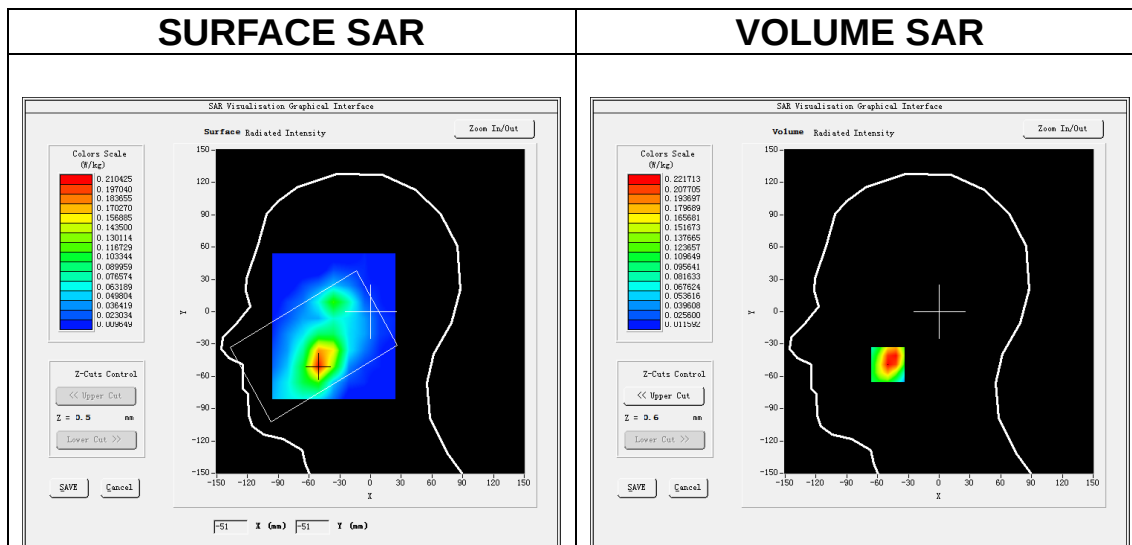
Date of measurement: 26/12/2024

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

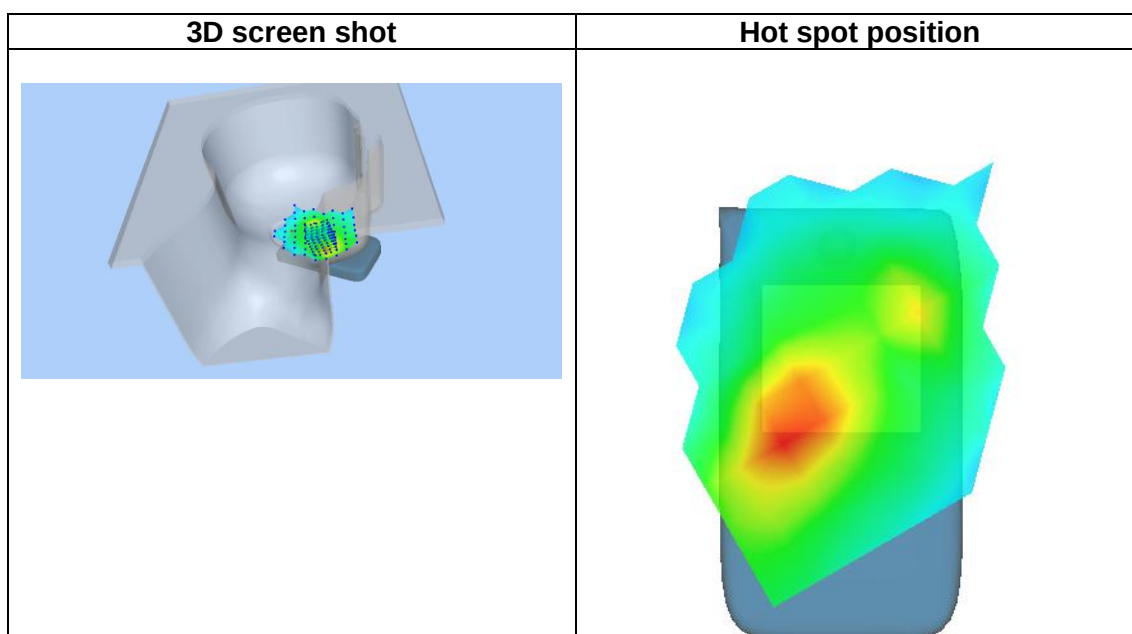
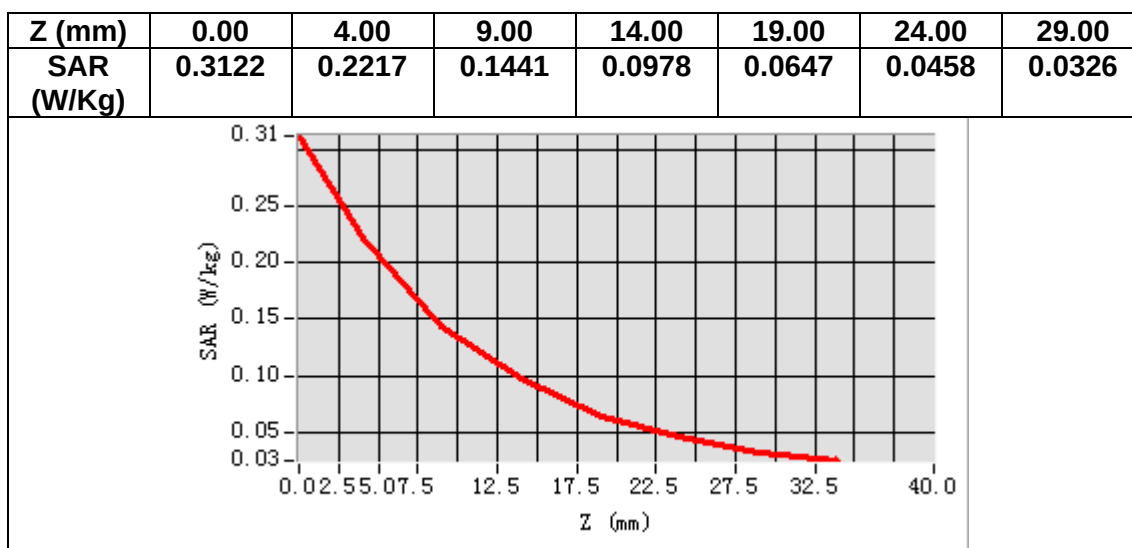
Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.611801
Relative permittivity (imaginary part)	13.870998
Conductivity (S/m)	1.448749
Variation (%)	2.700000



Maximum location: X=-50.00, Y=-49.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.129948
SAR 1g (W/Kg)	0.225964



MEASUREMENT 6

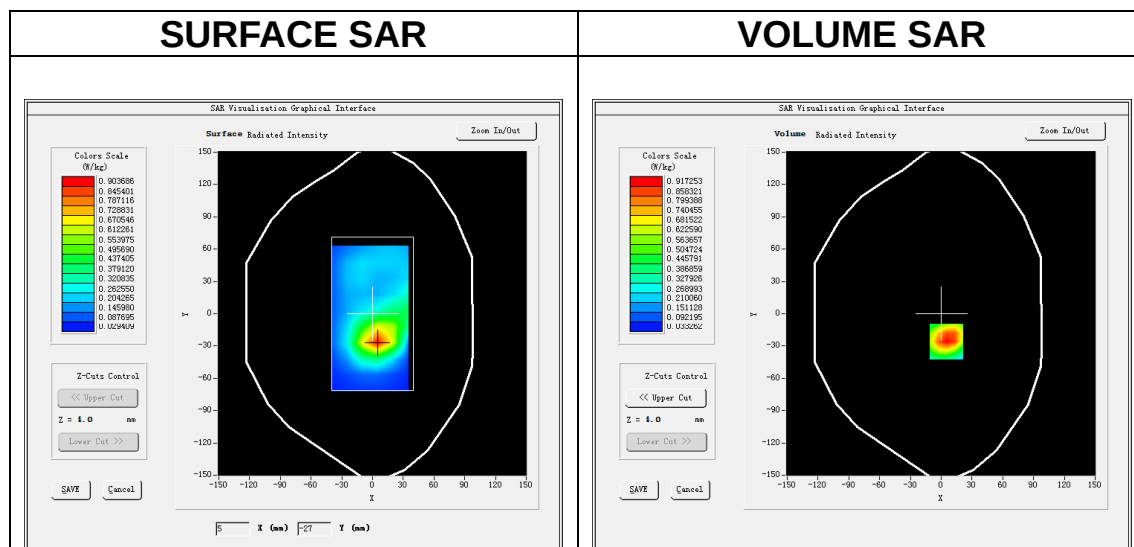
Date of measurement: 26/12/2024

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

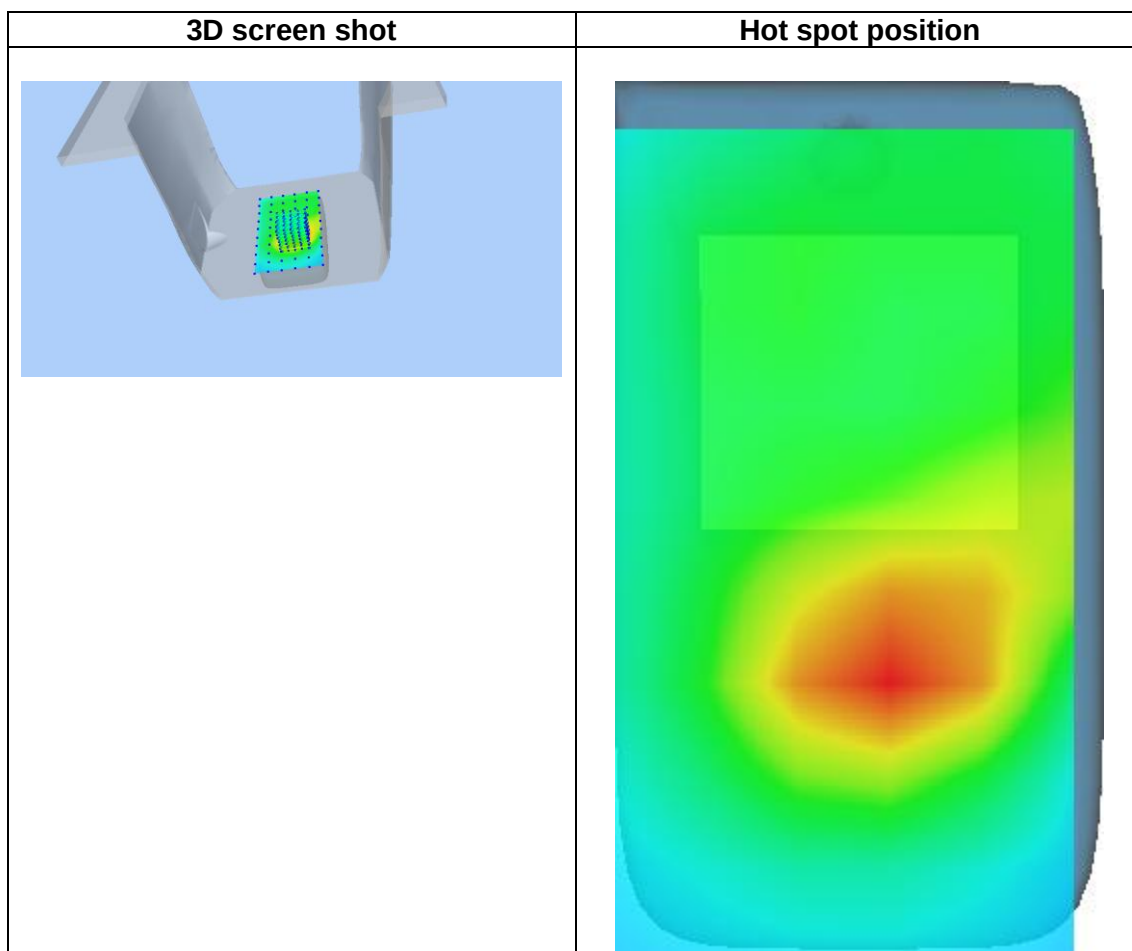
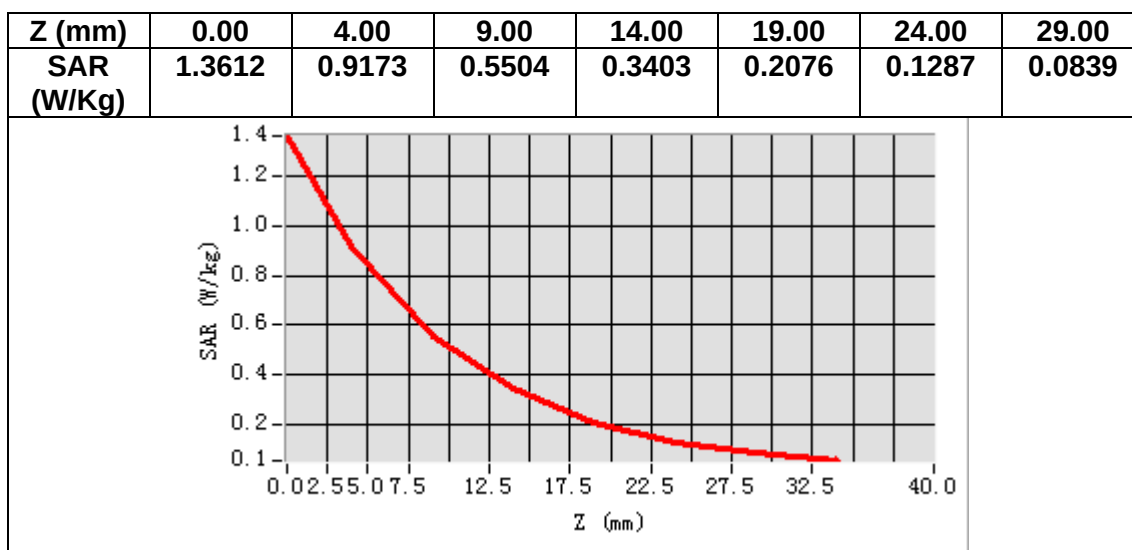
Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.611801
Relative permittivity (imaginary part)	13.870998
Conductivity (S/m)	1.448749
Variation (%)	-0.260000



Maximum location: X=5.00, Y=-26.00

SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.498140
SAR 1g (W/Kg)	0.907094



MEASUREMENT 7

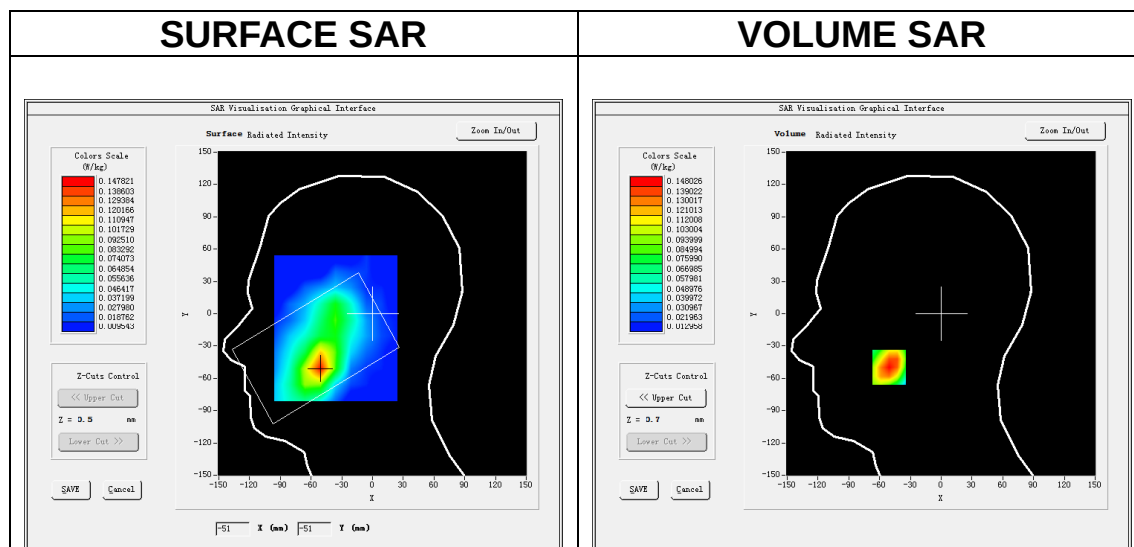
Date of measurement: 25/12/2024

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

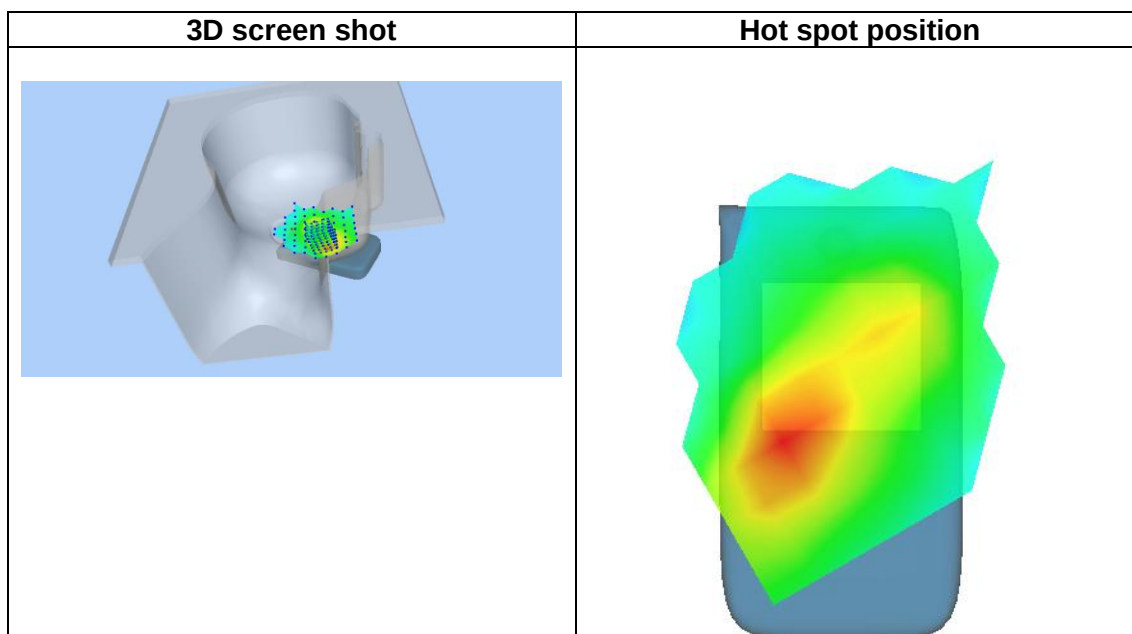
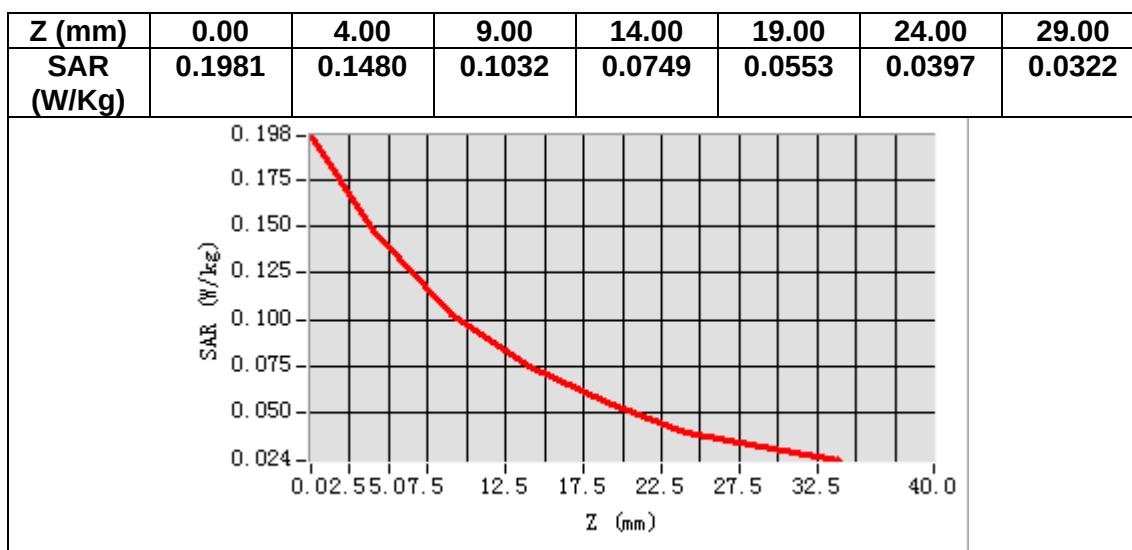
Frequency (MHz)	1732.600000
Relative permittivity (real part)	39.429882
Relative permittivity (imaginary part)	13.699847
Conductivity (S/m)	1.318230
Variation (%)	2.820000



Maximum location: X=-51.00, Y=-50.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.090081
SAR 1g (W/Kg)	0.140585



MEASUREMENT 8

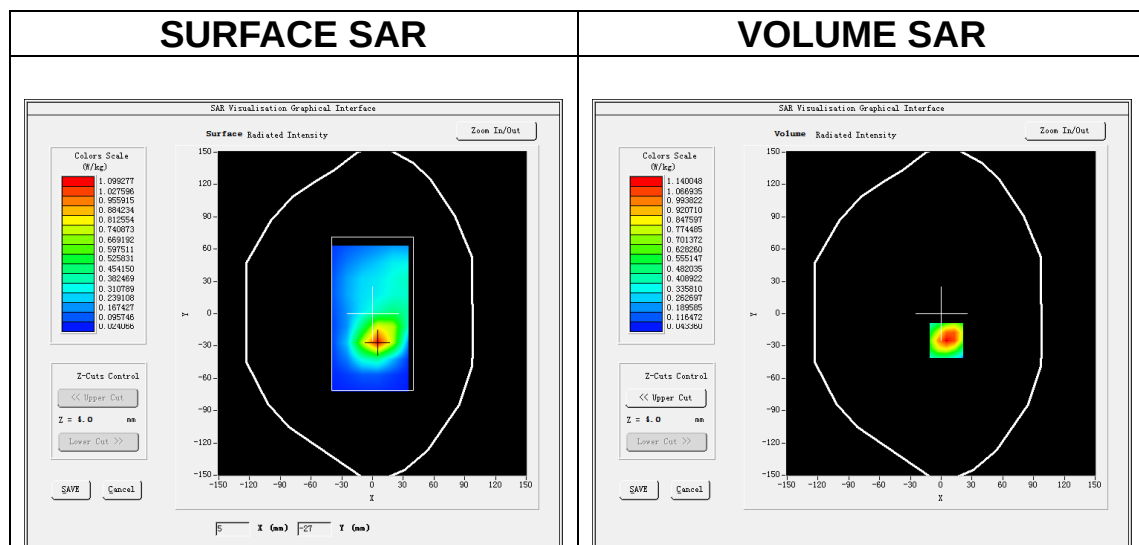
Date of measurement: 25/12/2024

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>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.51</u>

B. SAR Measurement Results

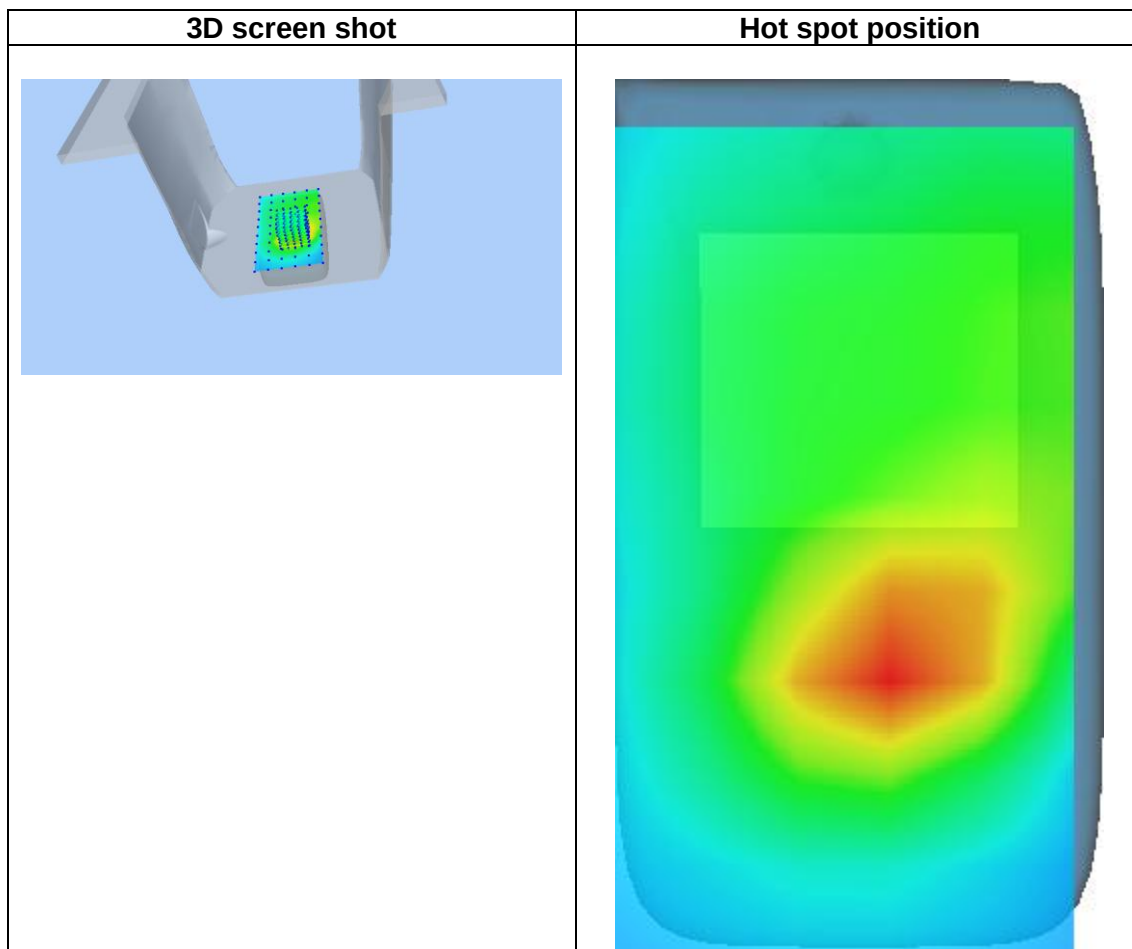
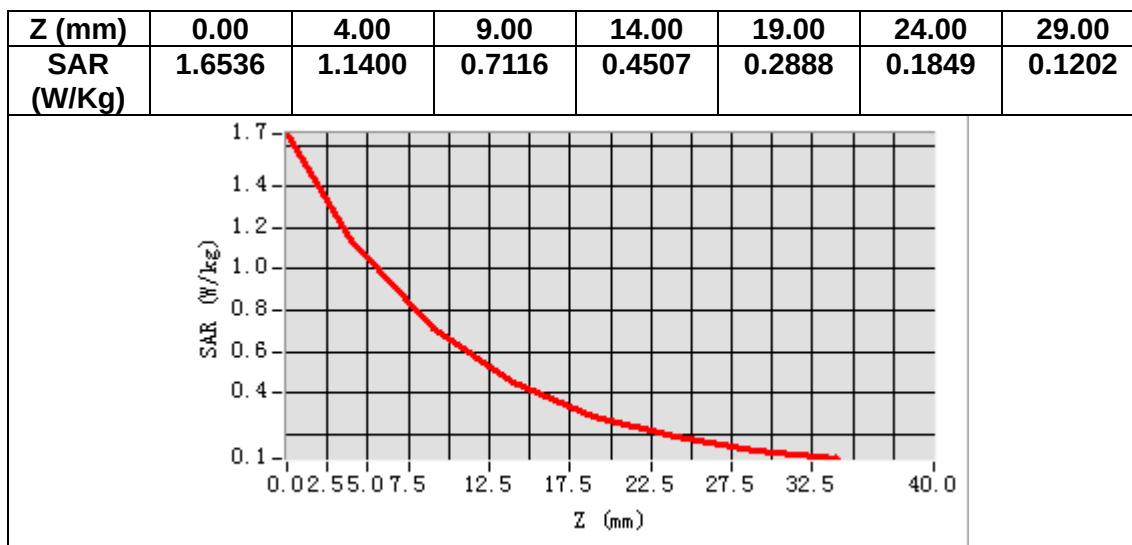
Frequency (MHz)	1752.600000
Relative permittivity (real part)	39.299583
Relative permittivity (imaginary part)	13.710547
Conductivity (S/m)	1.334493
Variation (%)	-0.540000



Maximum location: X=5.00, Y=-25.00

SAR Peak: 1.74 W/kg

SAR 10g (W/Kg)	0.610416
SAR 1g (W/Kg)	1.090847



MEASUREMENT 9

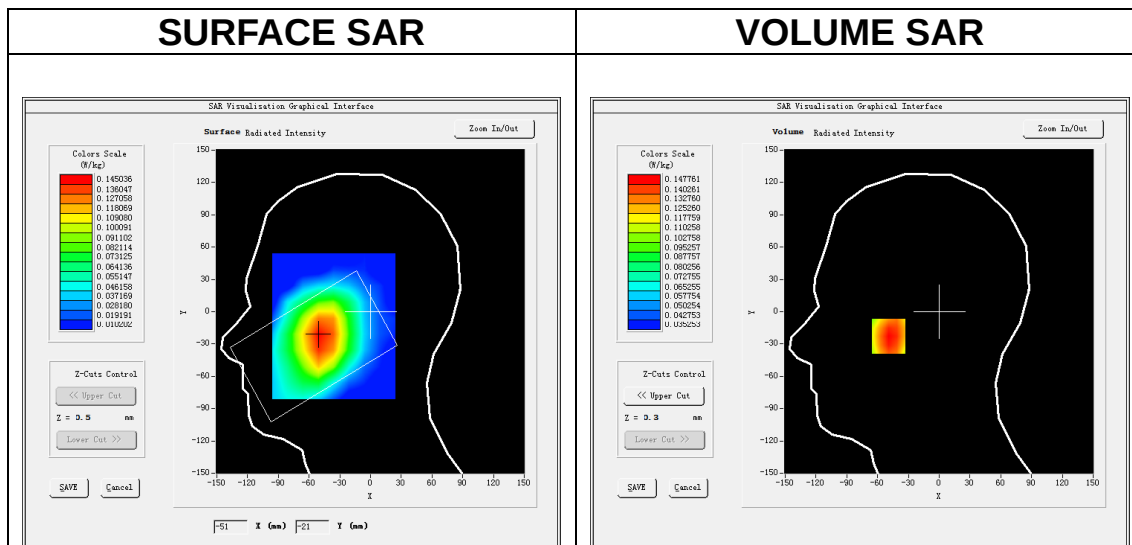
Date of measurement: 11/12/2024

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>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

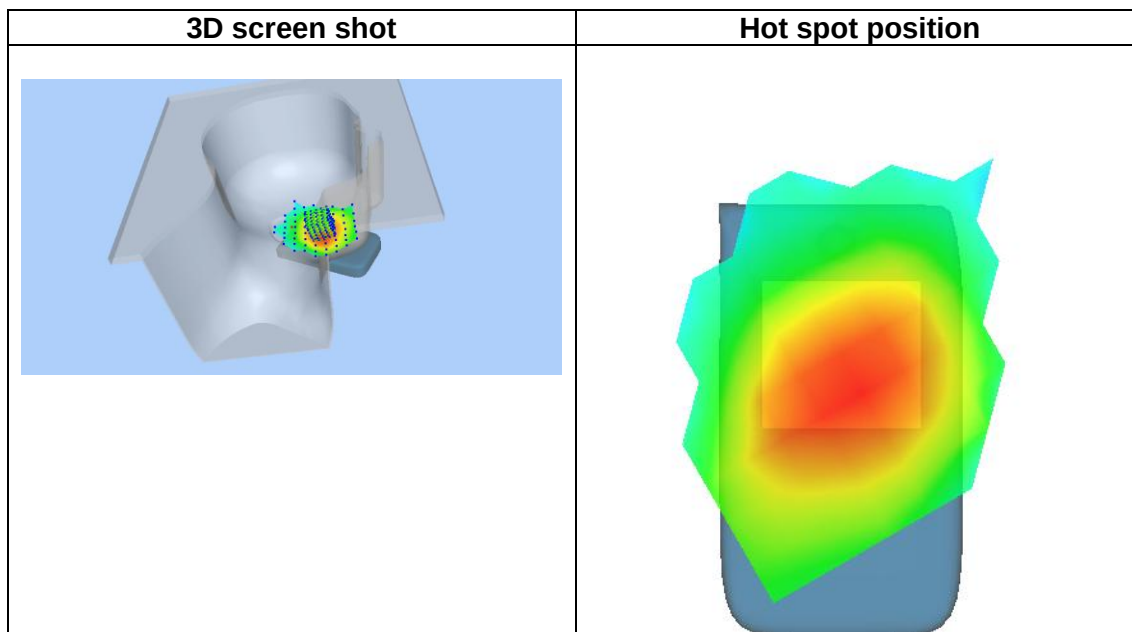
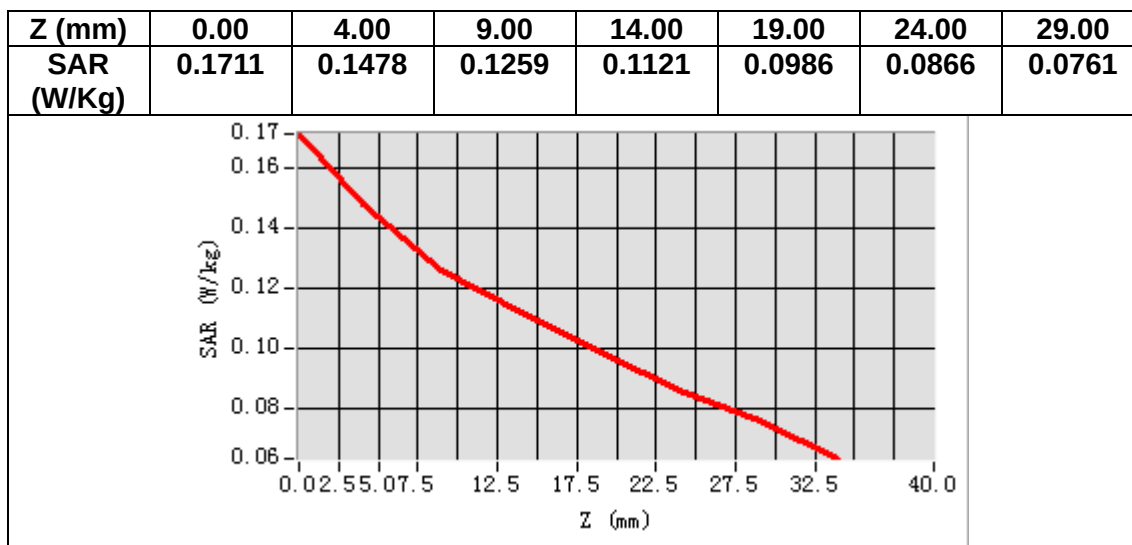
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.742706
Relative permittivity (imaginary part)	19.618612
Conductivity (S/m)	0.911612
Variation (%)	4.220000



Maximum location: X=-49.00, Y=-23.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.118363
SAR 1g (W/Kg)	0.145802



MEASUREMENT 10

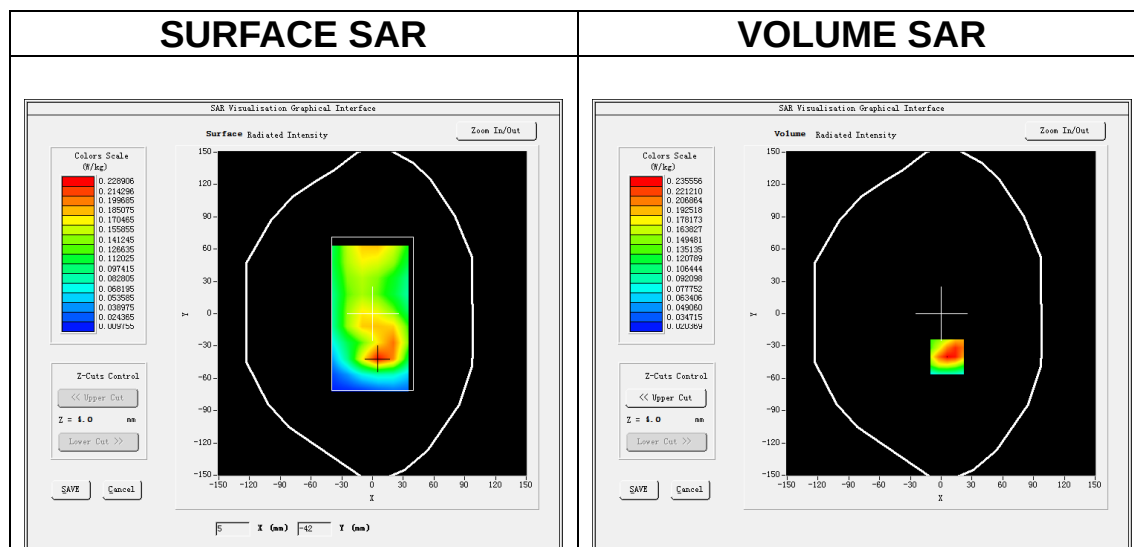
Date of measurement: 11/12/2024

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

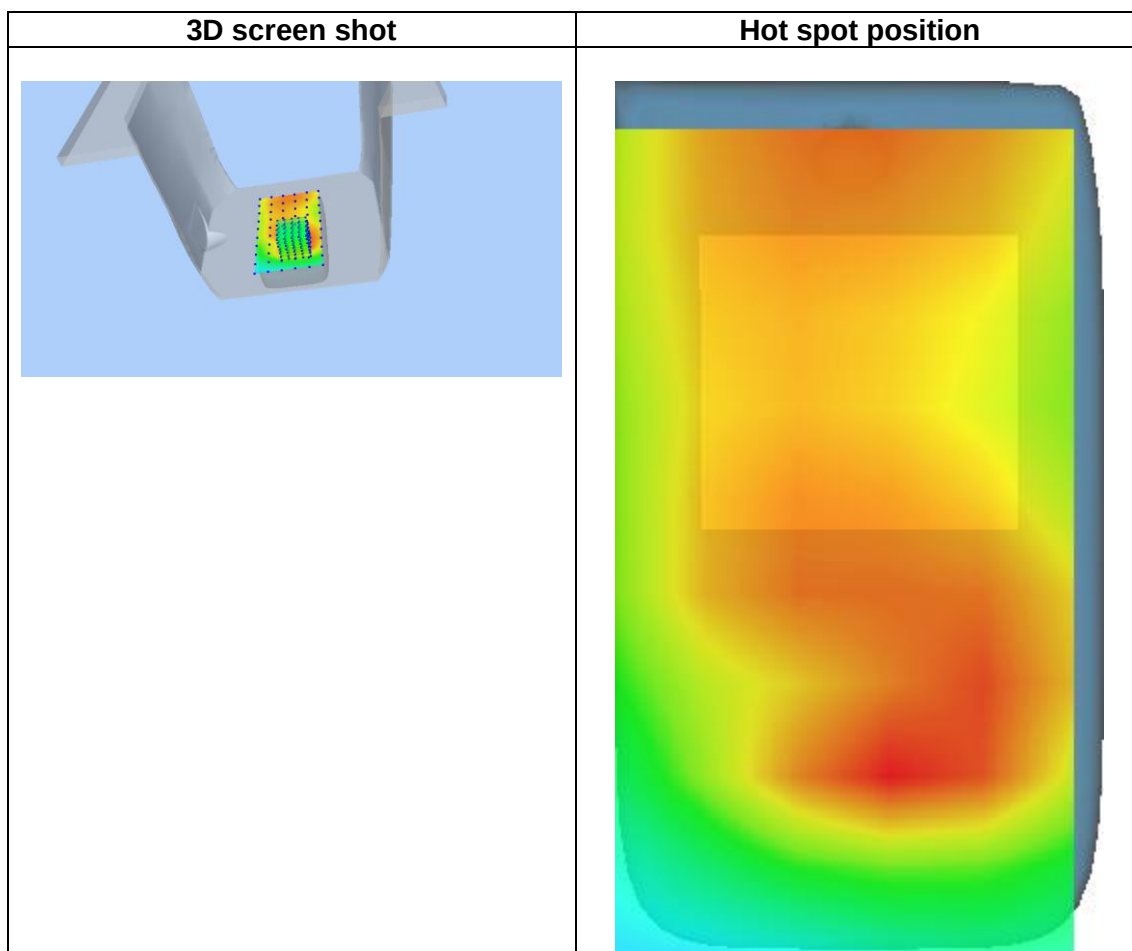
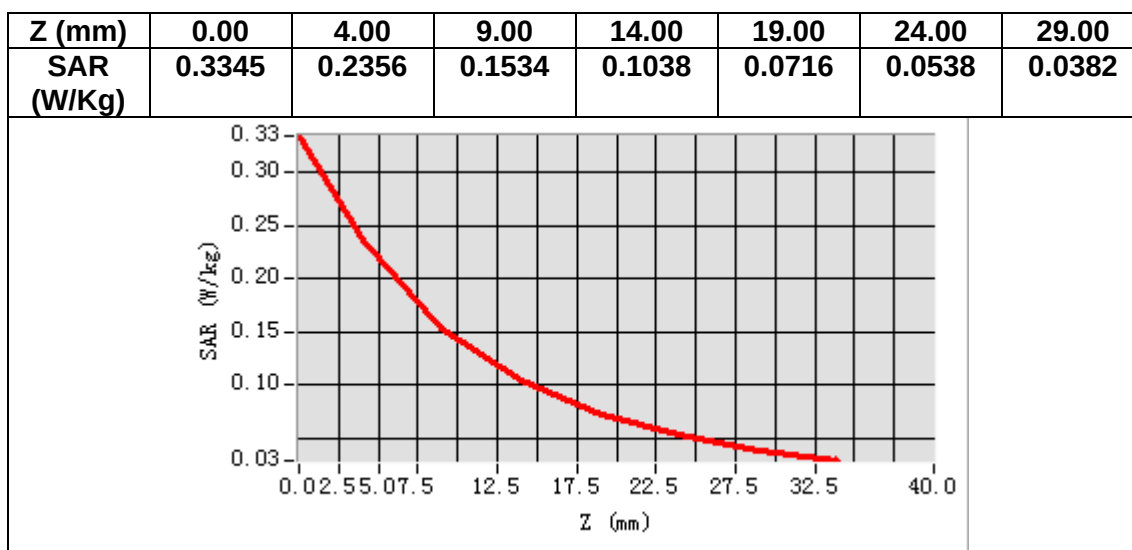
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.742706
Relative permittivity (imaginary part)	19.618612
Conductivity (S/m)	0.911612
Variation (%)	-1.040000



Maximum location: X=6.00, Y=-40.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.142224
SAR 1g (W/Kg)	0.228734



MEASUREMENT 11

Date of measurement: 11/12/2024

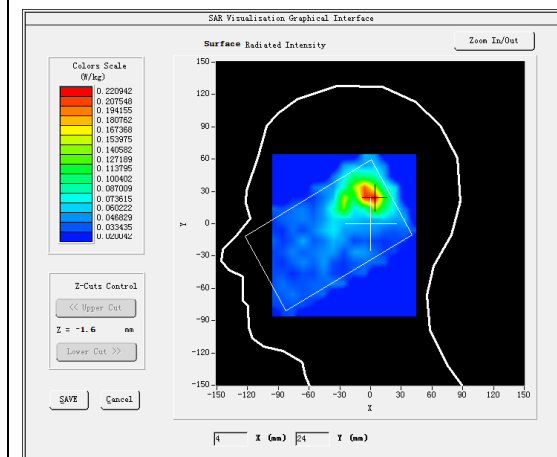
A. Experimental conditions.

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>Middle</u>
Signal	<u>IEEE802.11ax (Crest factor: 1.0)</u>
ConvF	<u>1.89</u>

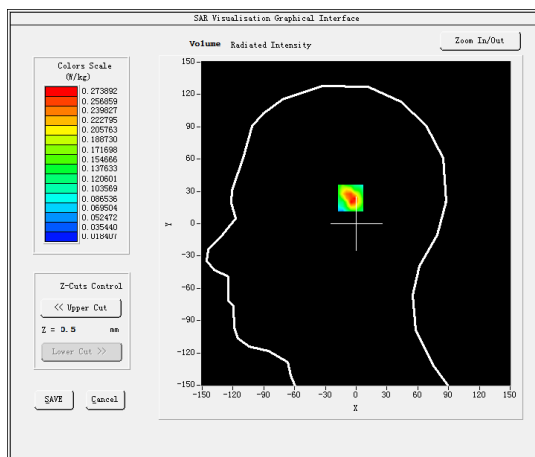
B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	34.652485
Relative permittivity (imaginary part)	15.561054
Conductivity (S/m)	4.495416
Variation (%)	3.760000

SURFACE SAR



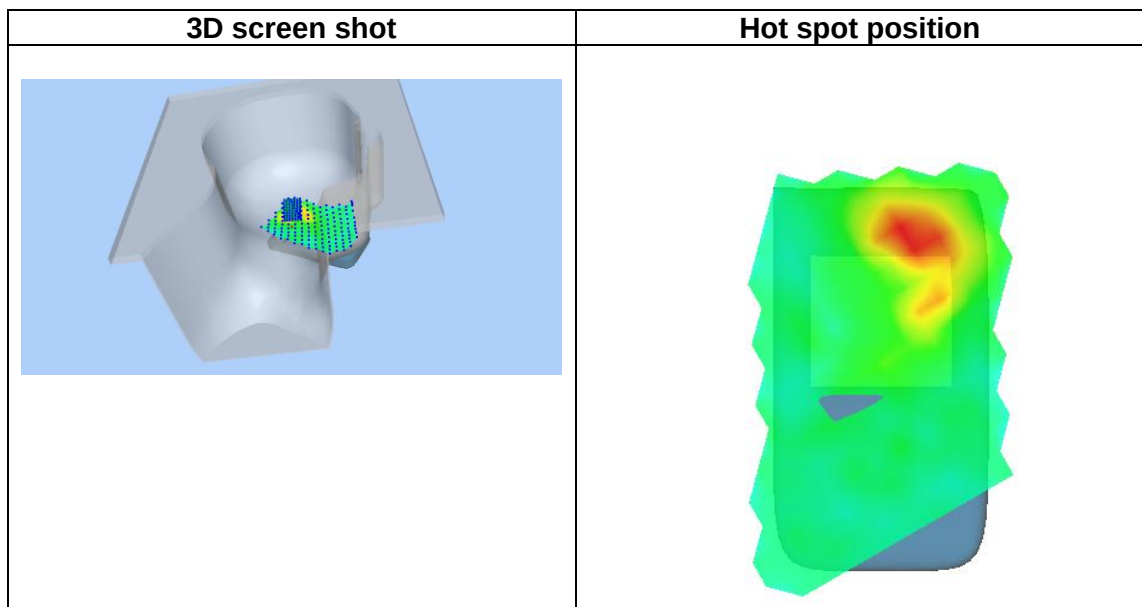
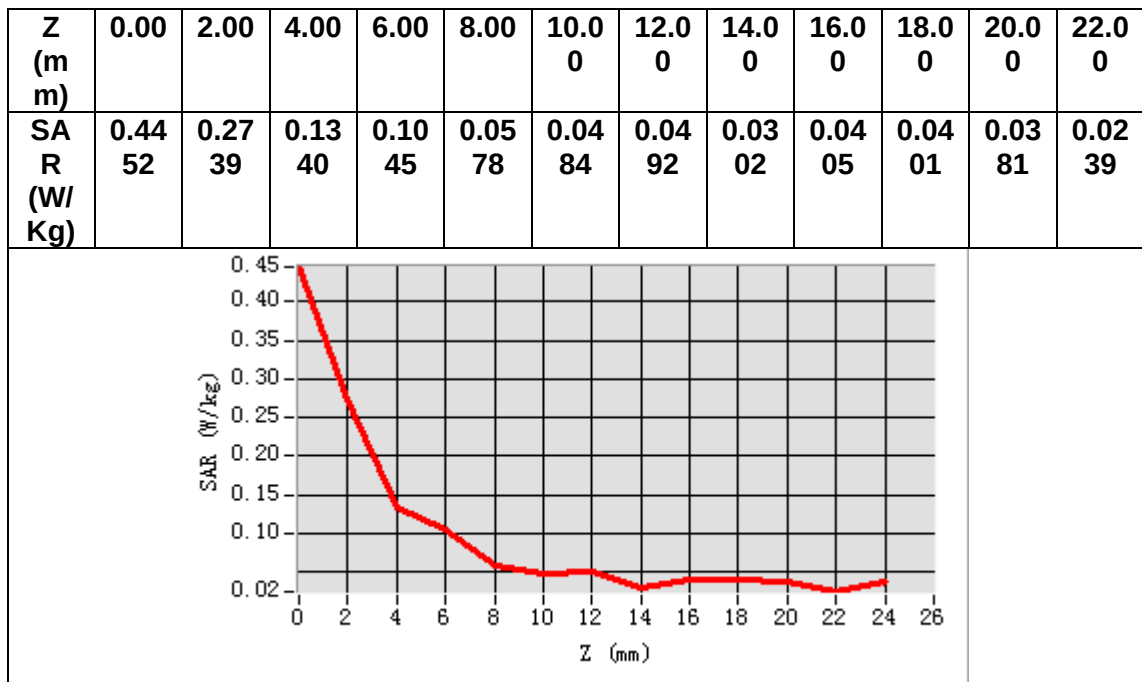
VOLUME SAR



Maximum location: X=-2.00, Y=26.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.113407
SAR 1g (W/Kg)	0.261409



MEASUREMENT 12

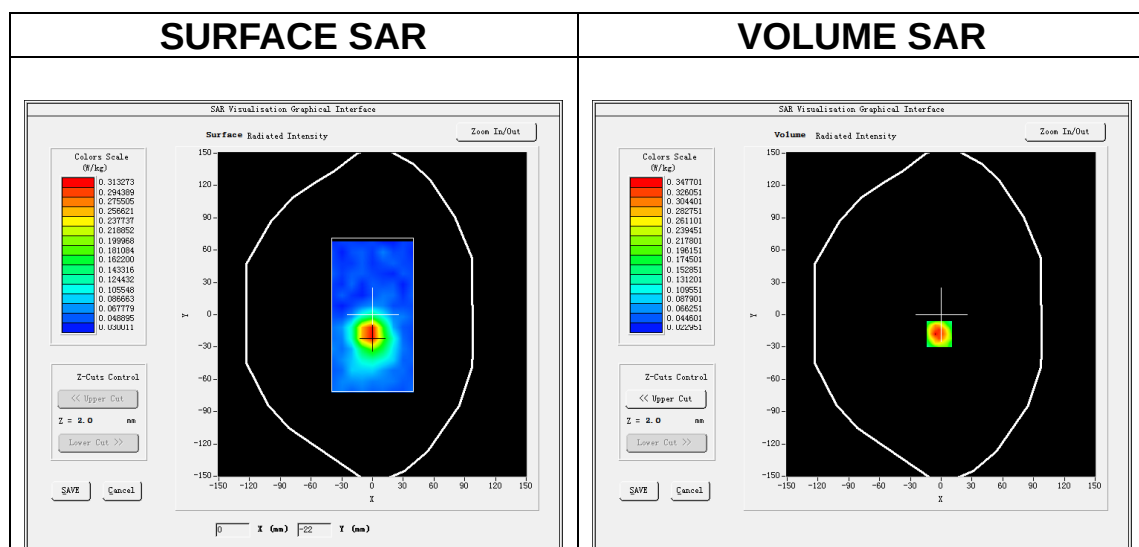
Date of measurement: 11/12/2024

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>IEEE802.11ax (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.89</u>

B. SAR Measurement Results

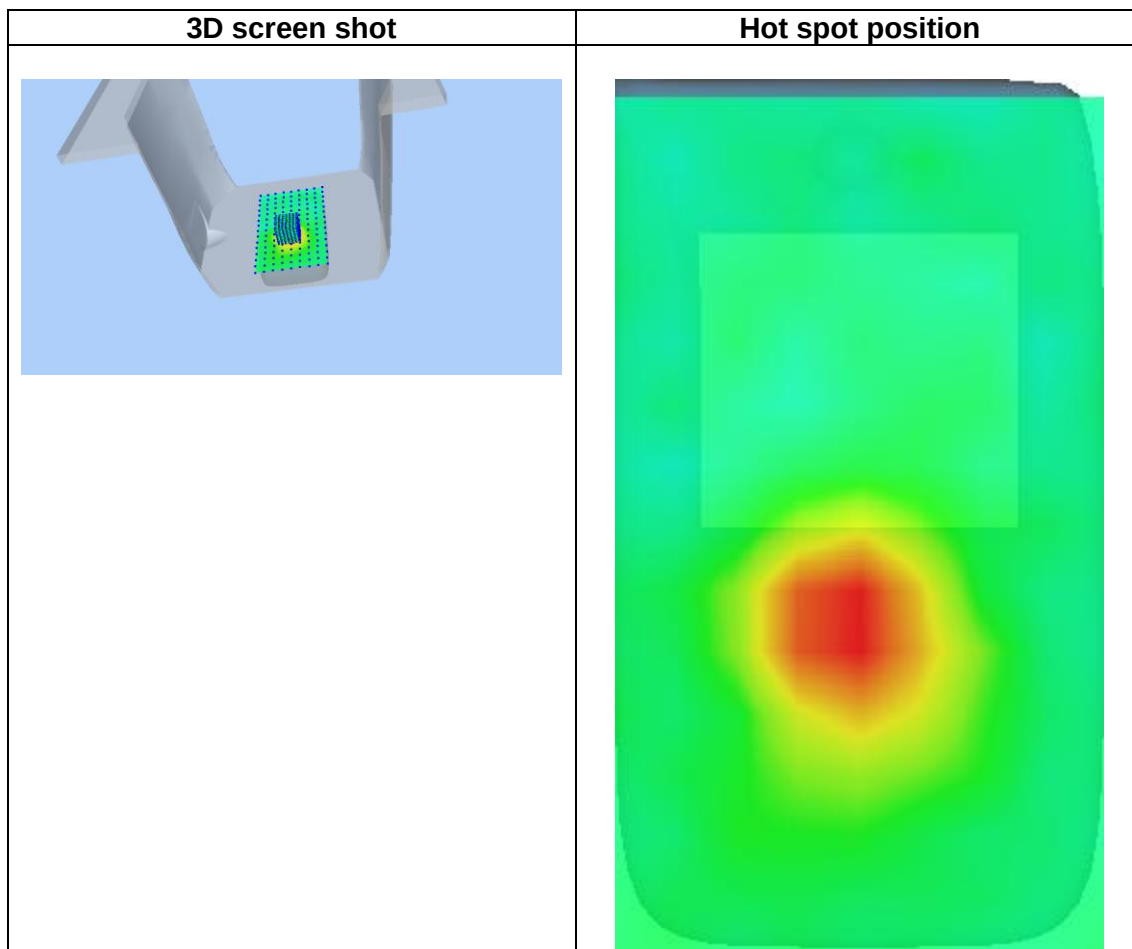
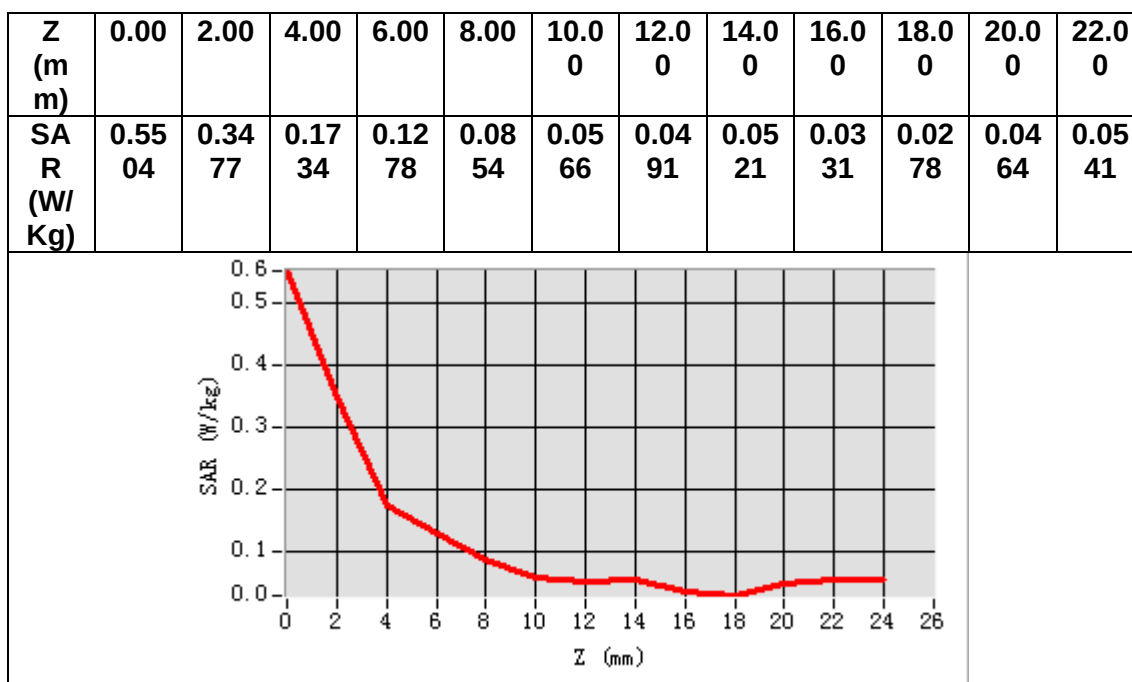
Frequency (MHz)	5200.000000
Relative permittivity (real part)	34.652485
Relative permittivity (imaginary part)	15.561054
Conductivity (S/m)	4.495416
Variation (%)	-1.140000



Maximum location: X=-2.00, Y=-18.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.108644
SAR 1g (W/Kg)	0.219216



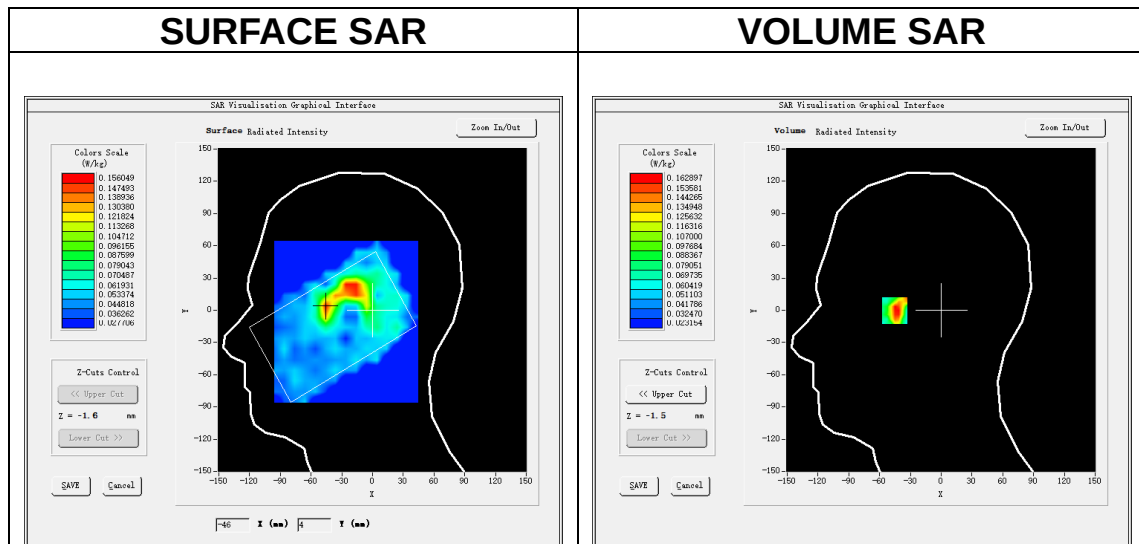
MEASUREMENT 13

Date of measurement: 11/12/2024

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>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11ax (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.89</u>

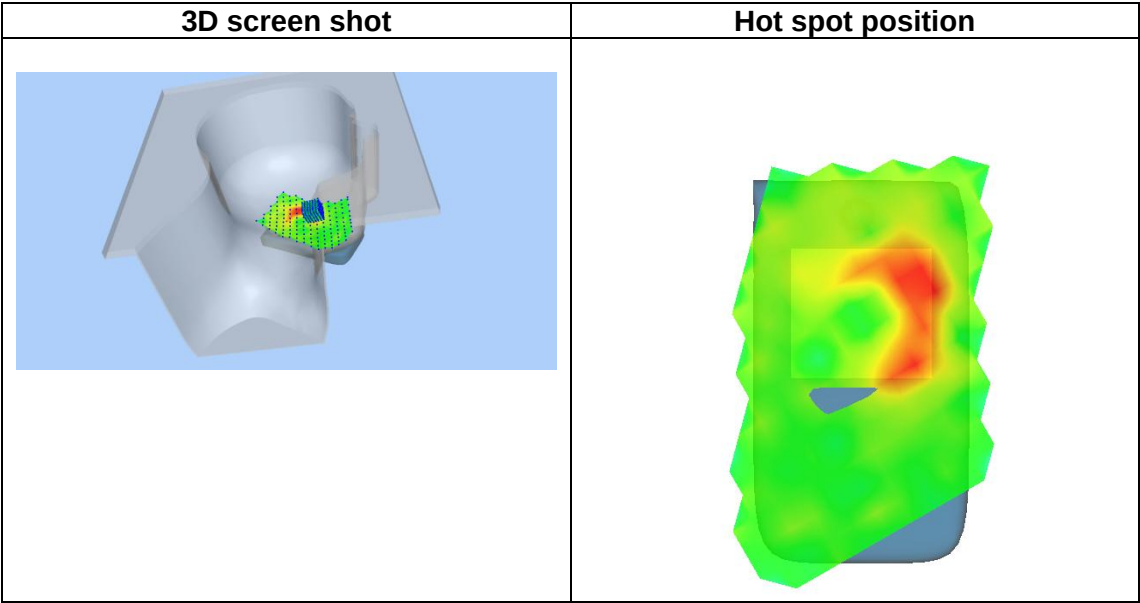
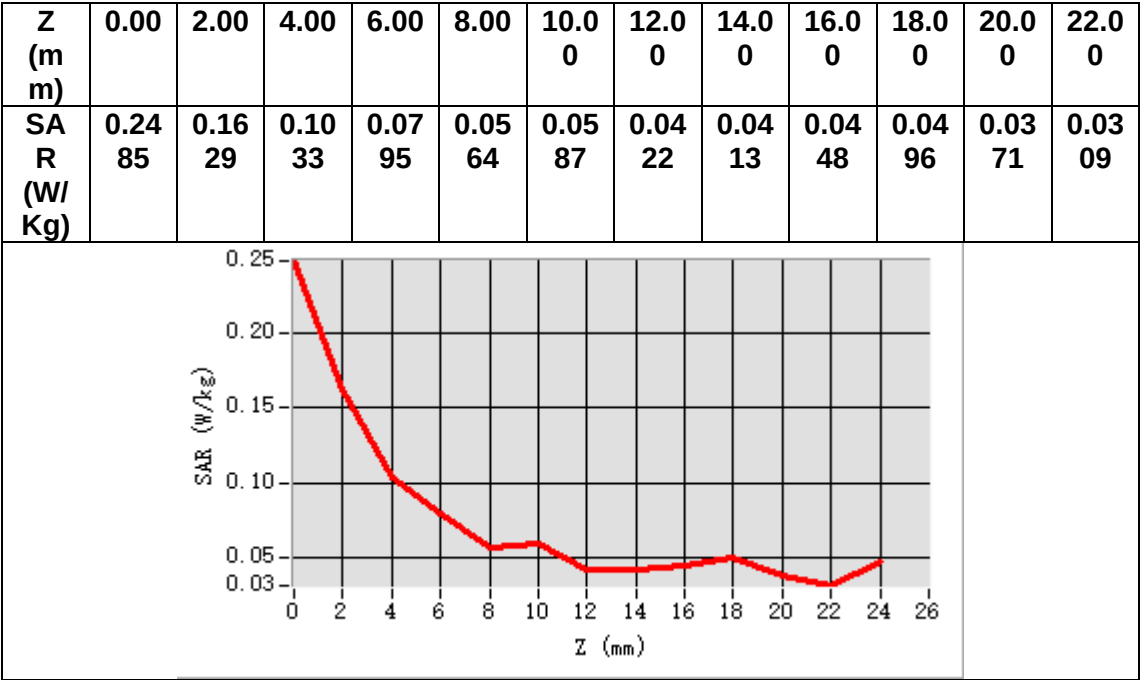
Frequency (MHz)	5200.000000
Relative permittivity (real part)	34.652485
Relative permittivity (imaginary part)	15.561054
Conductivity (S/m)	4.495416
Variation (%)	-4.880000



Maximum location: X=-45.00, Y=3.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.080148
SAR 1g (W/Kg)	0.163450



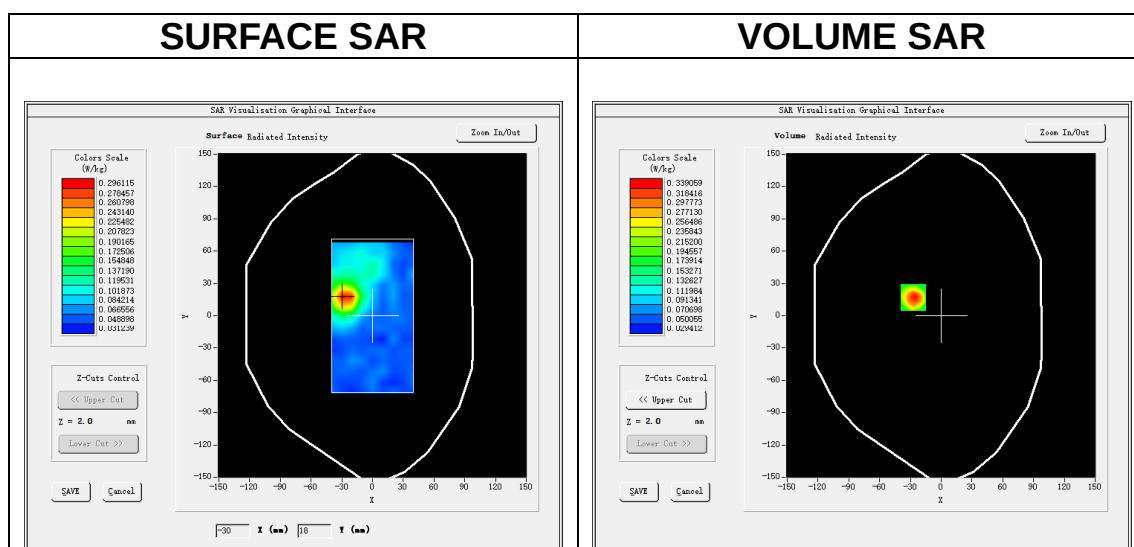
MEASUREMENT 14

Date of measurement: 11/12/2024

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>IEEE802.11ax (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.89</u>

Frequency (MHz)	5200.000000
Relative permittivity (real part)	34.652485
Relative permittivity (imaginary part)	15.561054
Conductivity (S/m)	4.495416
Variation (%)	15.340000

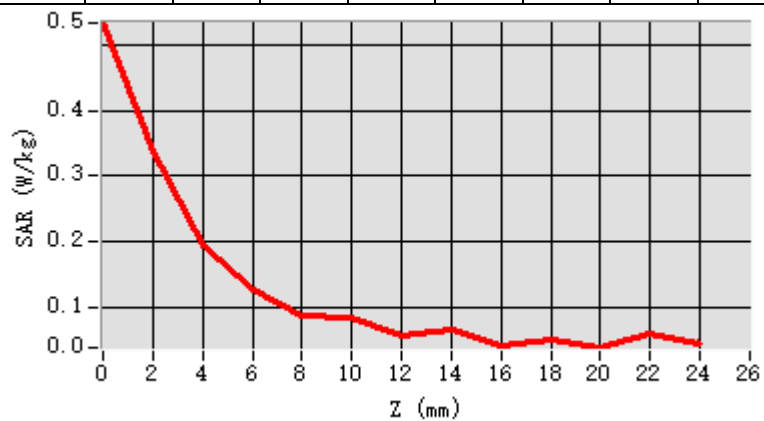


Maximum location: X=-27.00, Y=17.00

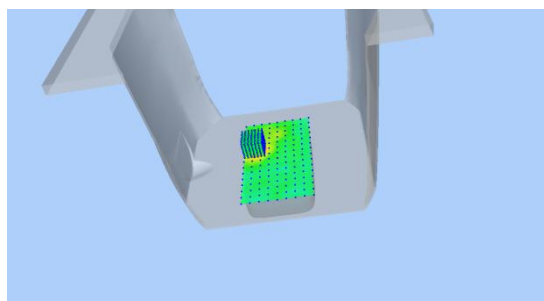
SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.113230
SAR 1g (W/Kg)	0.217436

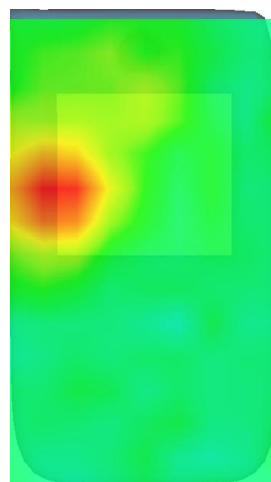
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
						0	0	0	0	0	0	0
SA R (W/ Kg)	0.53 42	0.33 91	0.19 32	0.12 76	0.08 69	0.08 21	0.05 62	0.06 59	0.04 10	0.05 04	0.03 74	0.05 90



3D screen shot



Hot spot position



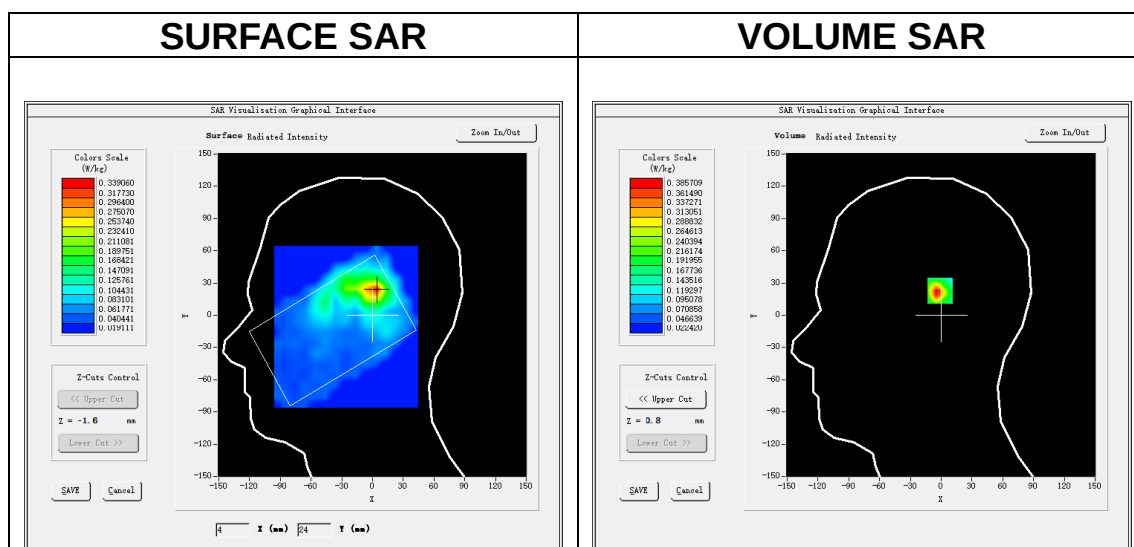
MEASUREMENT 15

Date of measurement: 11/12/2024

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>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11ax (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.89</u>

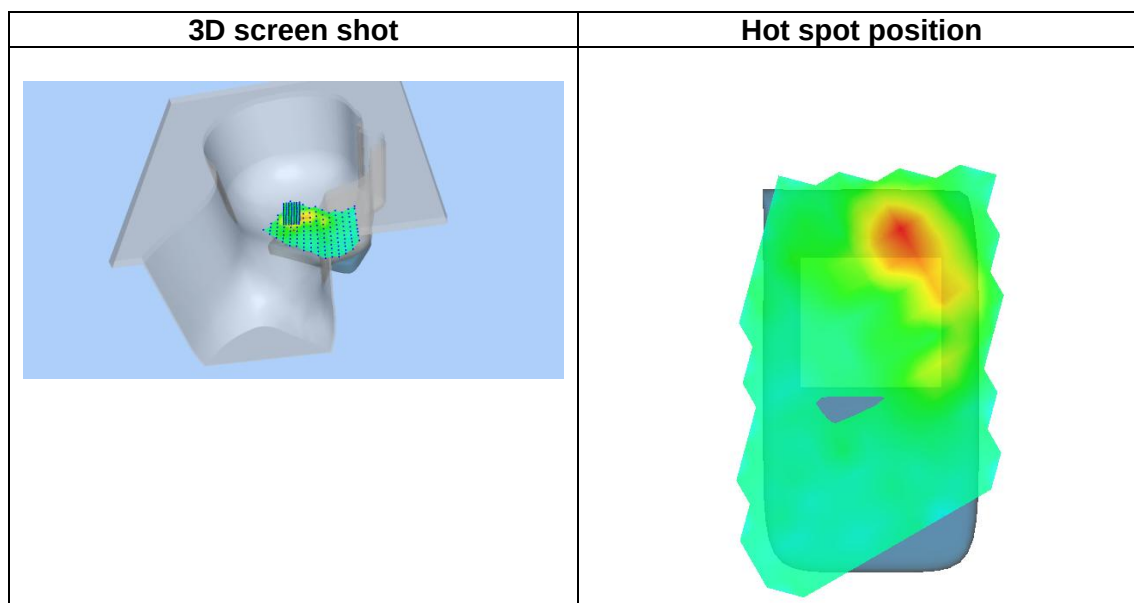
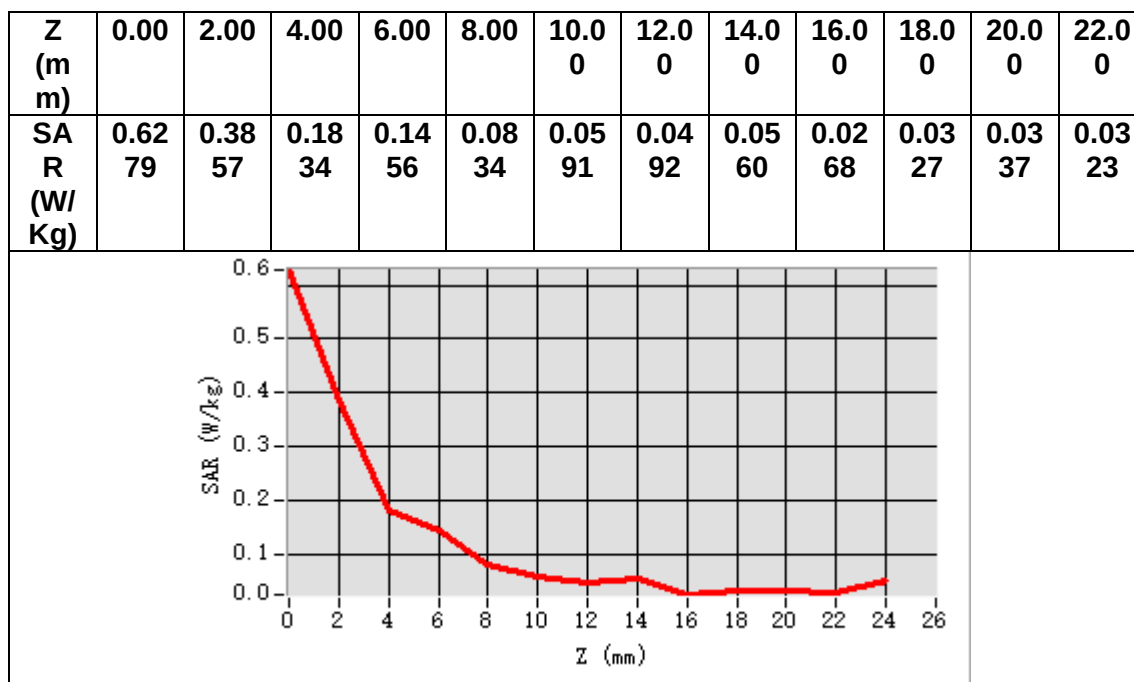
Frequency (MHz)	5200.000000
Relative permittivity (real part)	34.652485
Relative permittivity (imaginary part)	15.561054
Conductivity (S/m)	4.495416
Variation (%)	-9.420000



Maximum location: X=3.00, Y=24.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.150357
SAR 1g (W/Kg)	0.352986



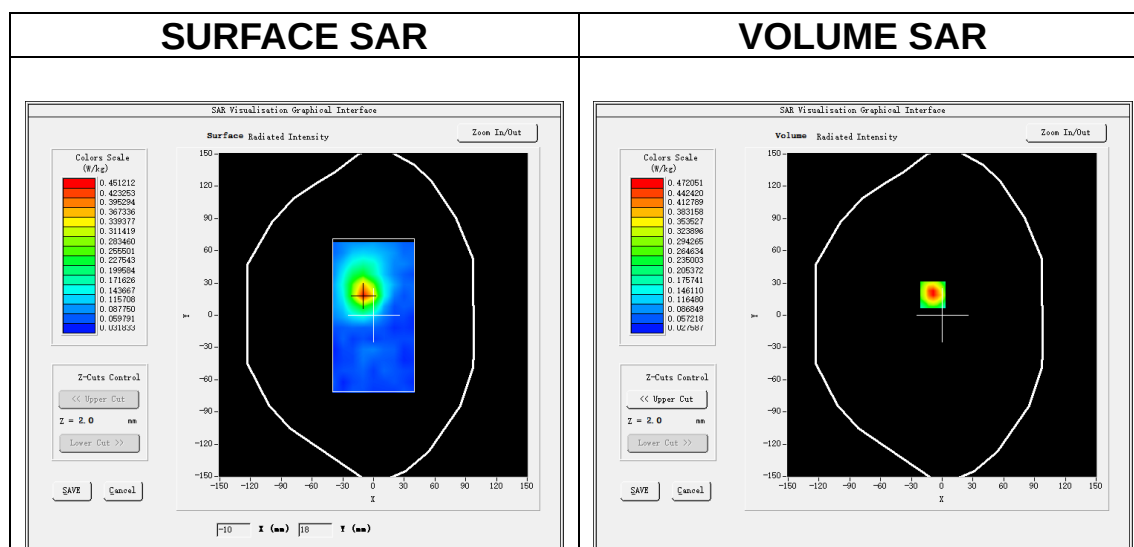
MEASUREMENT 16

Date of measurement: 11/12/2024

A. Experimental conditions.

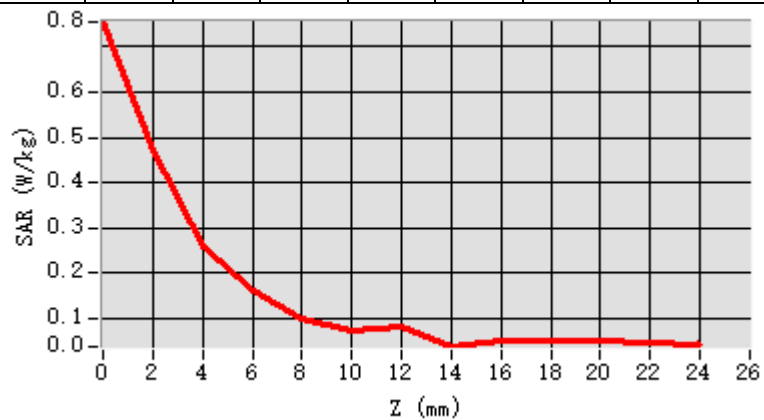
Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11ax (Crest factor: 1.0)</u>
ConvF	<u>1.89</u>

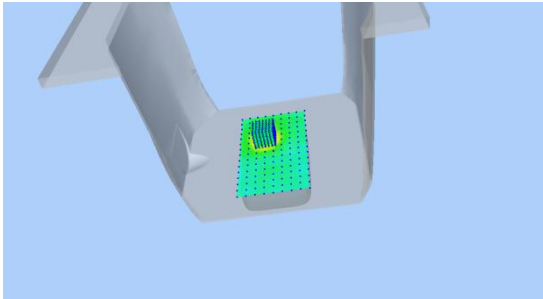
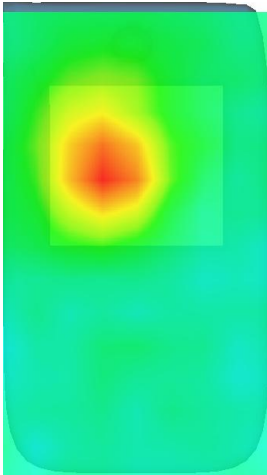
Frequency (MHz)	5200.000000
Relative permittivity (real part)	34.652485
Relative permittivity (imaginary part)	15.561054
Conductivity (S/m)	4.495416
Variation (%)	2.800000

**Maximum location: X=-9.00, Y=19.00****SAR Peak: 0.81 W/kg**

SAR 10g (W/Kg)	0.140483
SAR 1g (W/Kg)	0.289742

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
SA R (W/ Kg)	0.75 54	0.47 21	0.25 94	0.16 27	0.10 14	0.07 20	0.07 98	0.03 77	0.04 95	0.05 08	0.05 13	0.04 83



3D screen shot	Hot spot position
	

MEASUREMENT 17

Date of measurement: 17/12/2024

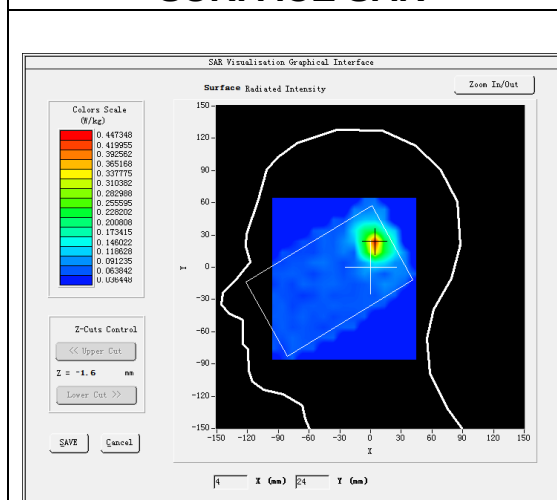
A. Experimental conditions.

<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>Left head</u>
<u>Device Position</u>	<u>Cheek</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>

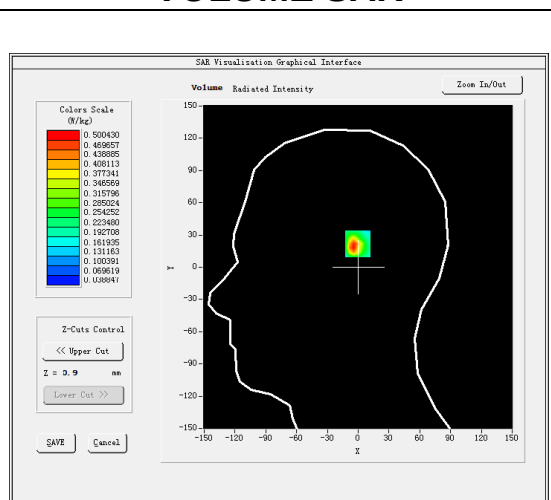
B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative permittivity (real part)	33.979572
Relative permittivity (imaginary part)	15.795672
Conductivity (S/m)	5.076553
Variation (%)	-0.350000

SURFACE SAR



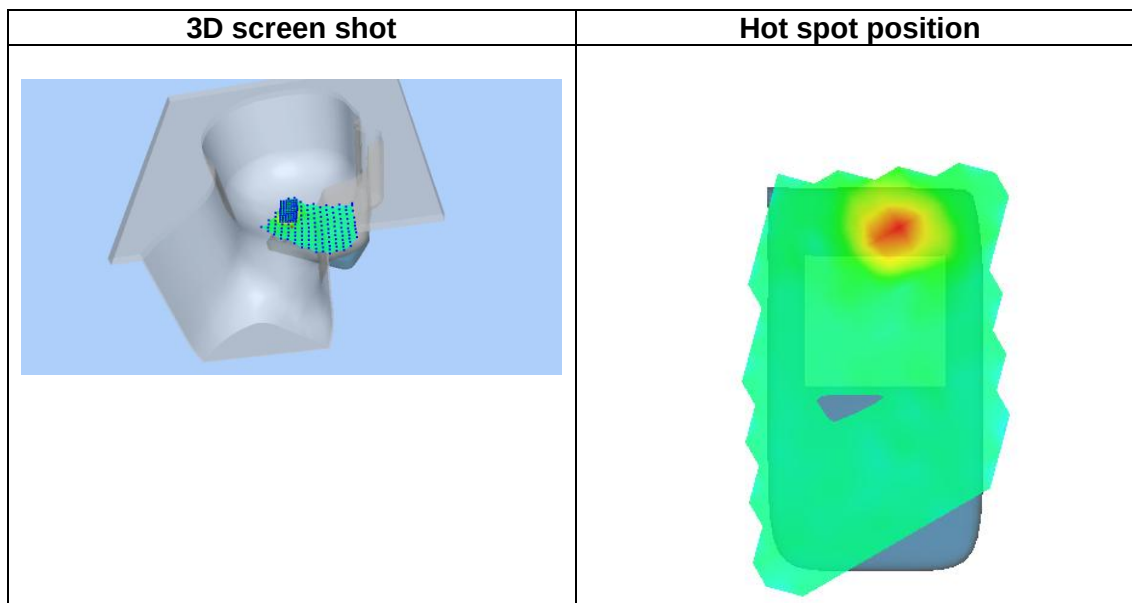
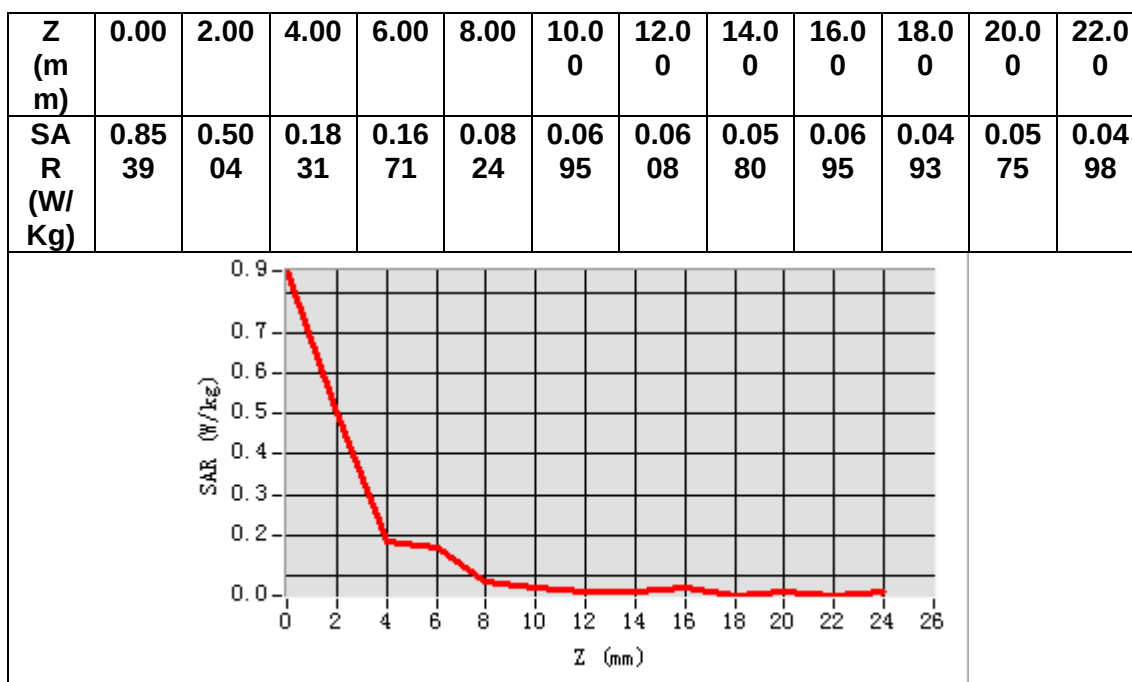
VOLUME SAR



Maximum location: X=5.00, Y=23.00

SAR Peak: 1.29 W/kg

SAR 10g (W/Kg)	0.193648
SAR 1g (W/Kg)	0.482234



MEASUREMENT 18

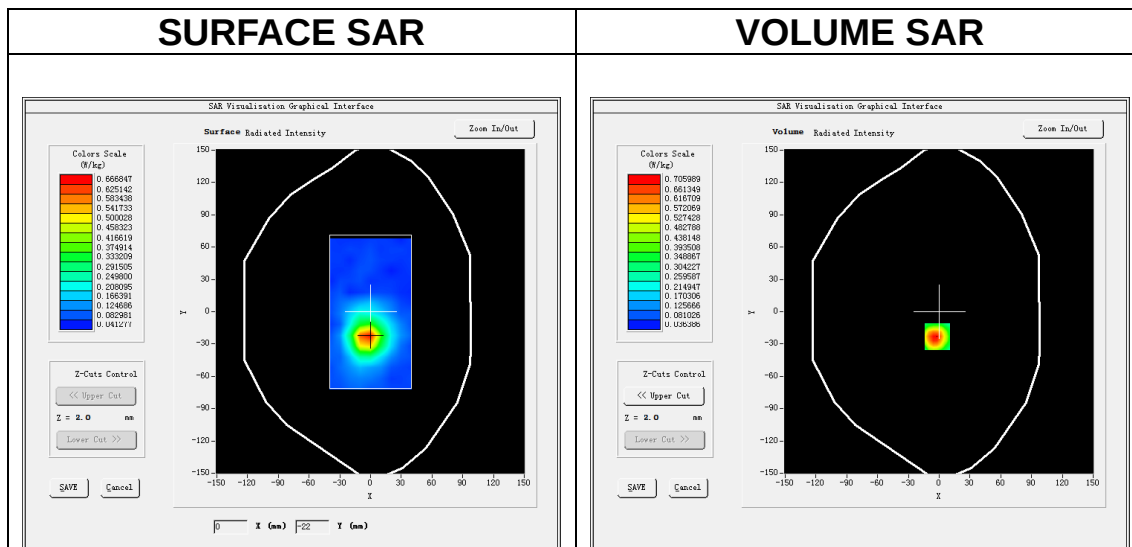
Date of measurement: 17/12/2024

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>IEEE802.11ax (Crest factor: 1.0)</u>
ConvF	<u>1.90</u>

B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative permittivity (real part)	33.979572
Relative permittivity (imaginary part)	15.795672
Conductivity (S/m)	5.076553
Variation (%)	-0.560000

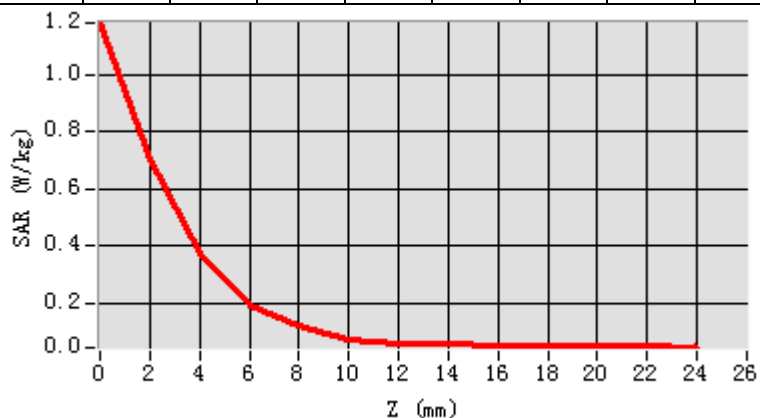


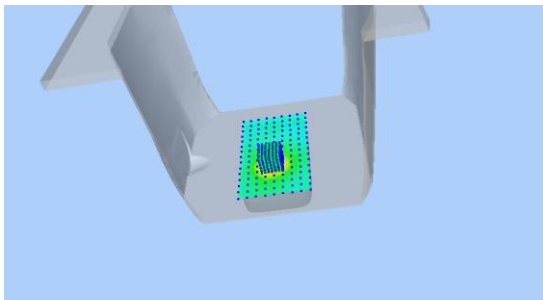
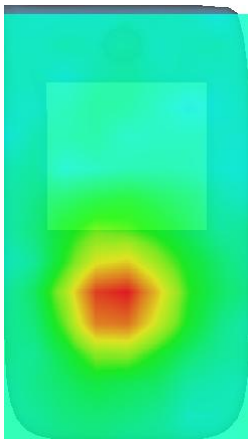
Maximum location: X=-2.00, Y=-23.00

SAR Peak: 1.26 W/kg

SAR 10g (W/Kg)	0.196497
SAR 1g (W/Kg)	0.427589

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)	1.17 87	0.70 60	0.37 63	0.19 48	0.12 71	0.07 61	0.05 95	0.06 40	0.05 27	0.05 10	0.05 61	0.05 66



3D screen shot	Hot spot position
	

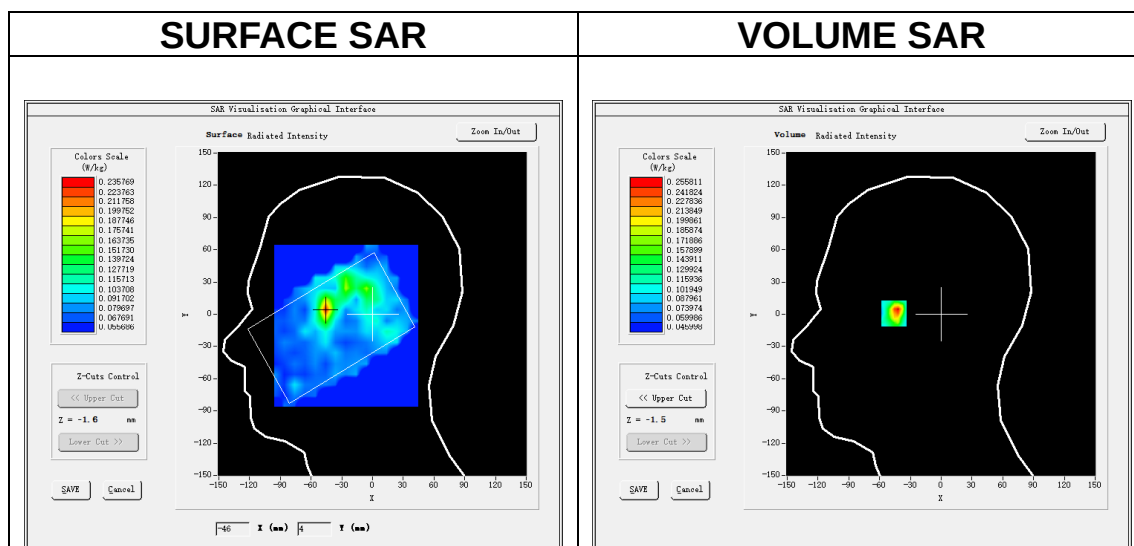
MEASUREMENT 19

Date of measurement: 17/12/2024

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>Middle</u>
Signal	<u>IEEE802.11a (Crest factor: 1.0)</u>
ConvF	<u>1.90</u>

Frequency (MHz)	5785.000000
Relative permittivity (real part)	33.979572
Relative permittivity (imaginary part)	15.795672
Conductivity (S/m)	5.076553
Variation (%)	4.630000

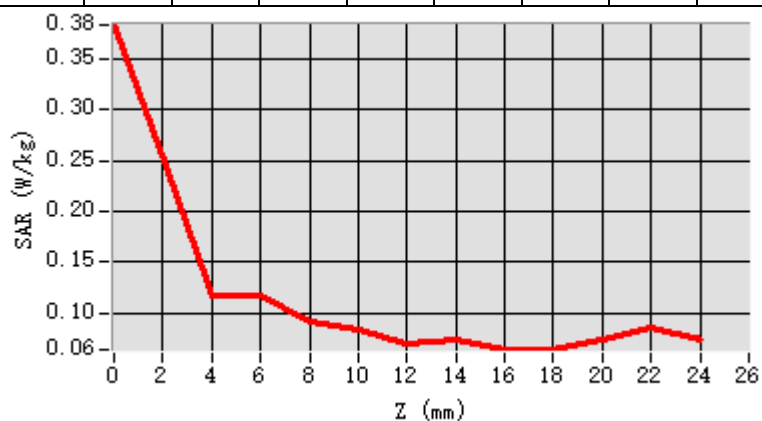


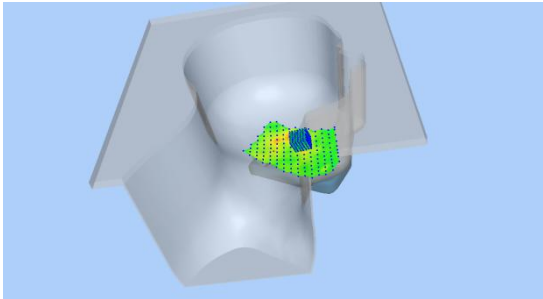
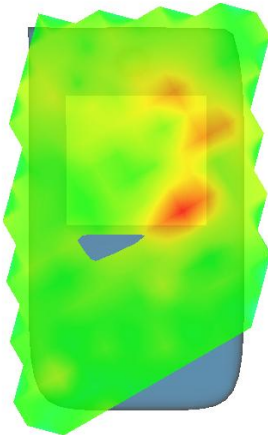
Maximum location: X=-46.00, Y=5.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.116103
SAR 1g (W/Kg)	0.235251

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)	0.38 27	0.25 58	0.11 68	0.11 76	0.09 20	0.08 42	0.07 03	0.07 43	0.06 47	0.06 43	0.07 33	0.08 62



3D screen shot	Hot spot position
	

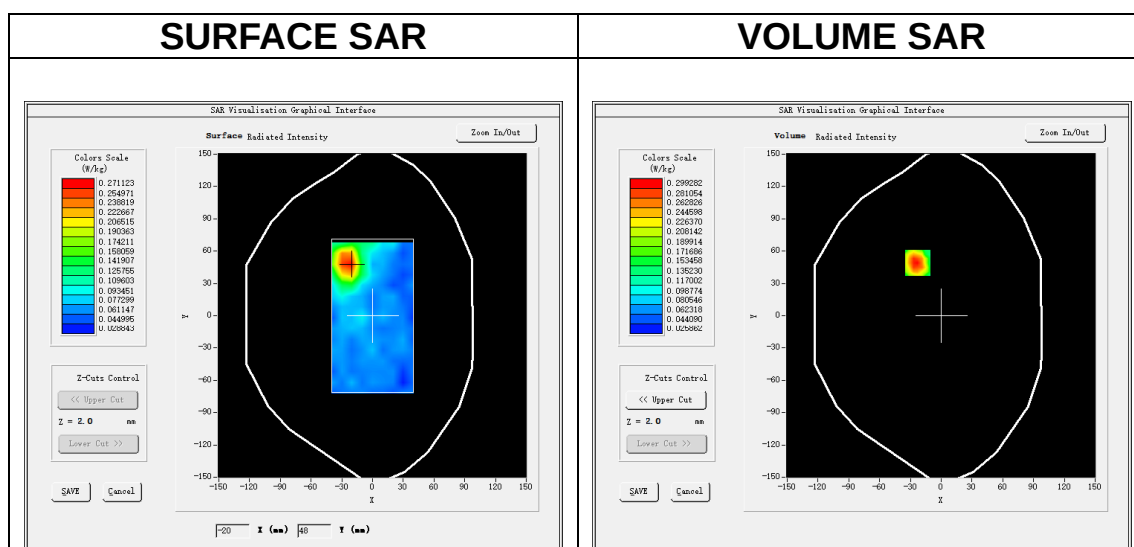
MEASUREMENT 20

Date of measurement: 17/12/2024

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>IEEE802.11ax (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>1.90</u>

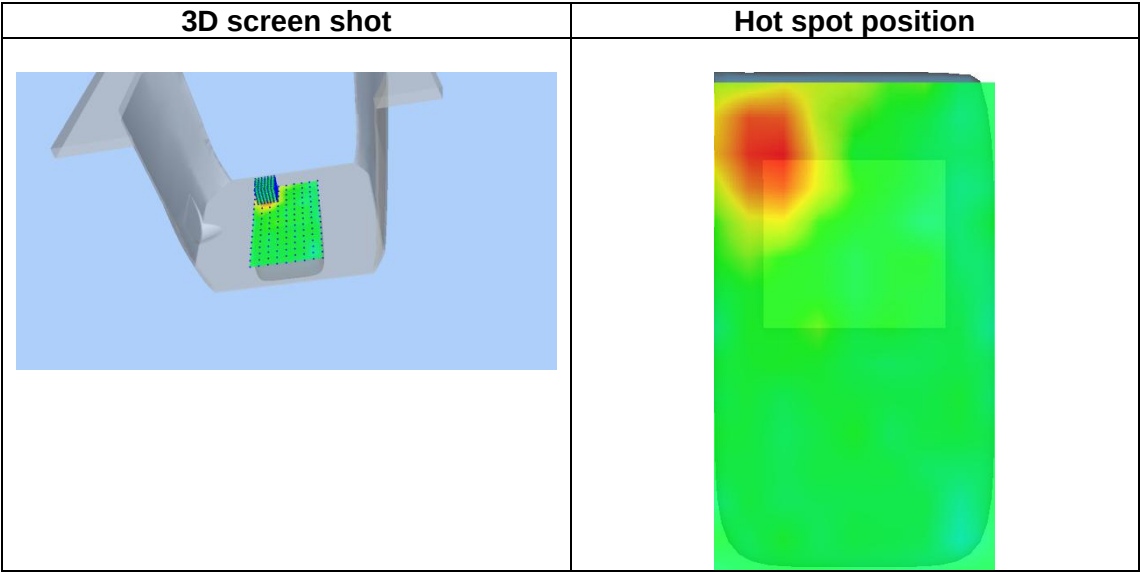
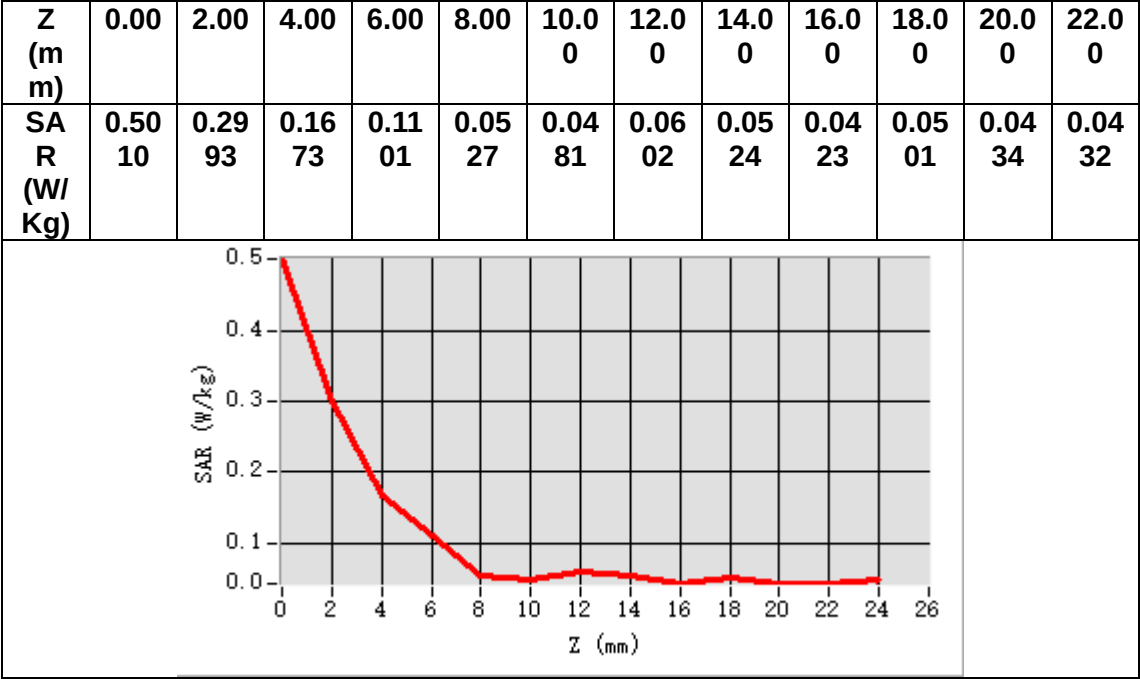
Frequency (MHz)	5785.000000
Relative permittivity (real part)	33.979572
Relative permittivity (imaginary part)	15.795672
Conductivity (S/m)	5.076553
Variation (%)	20.400000



Maximum location: X=-23.00, Y=49.00

SAR Peak: 0.53 W/kg

SAR 10g (W/Kg)	0.102551
SAR 1g (W/Kg)	0.192624



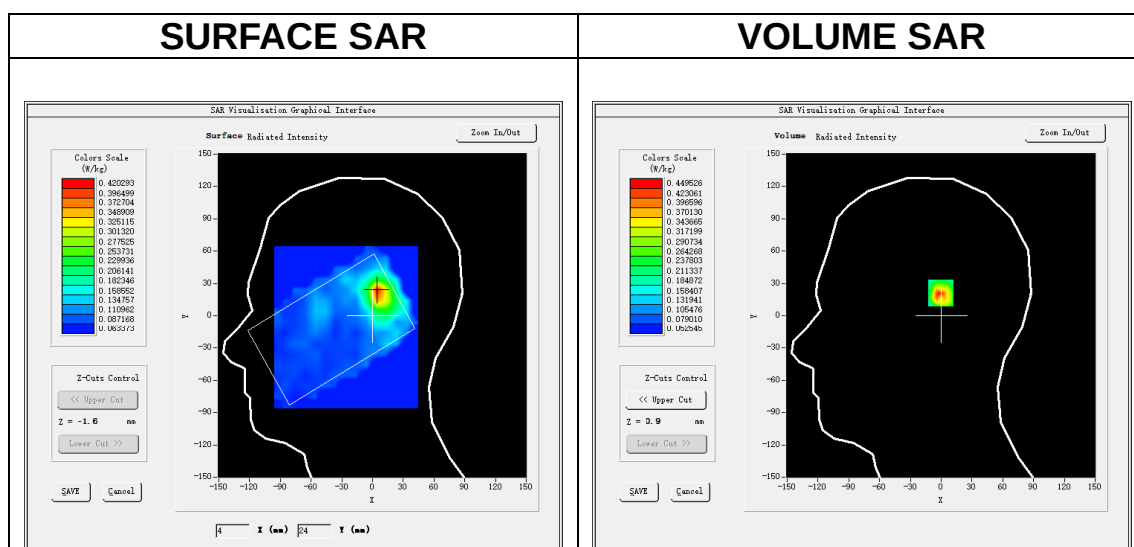
MEASUREMENT 21

Date of measurement: 17/12/2024

A. Experimental conditions.

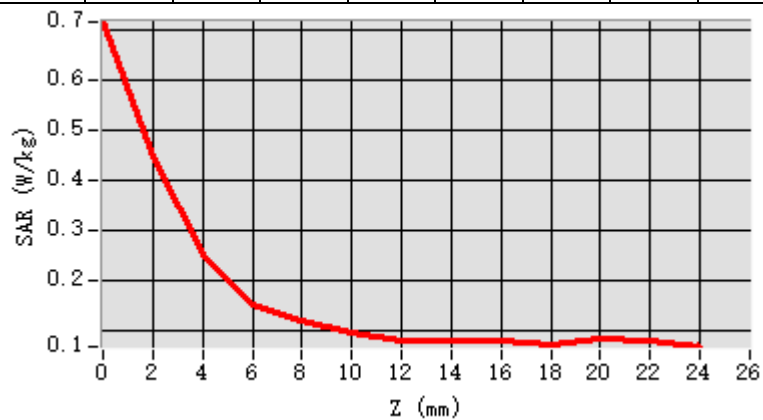
Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11a (Crest factor: 1.0)</u>
ConvF	<u>1.90</u>

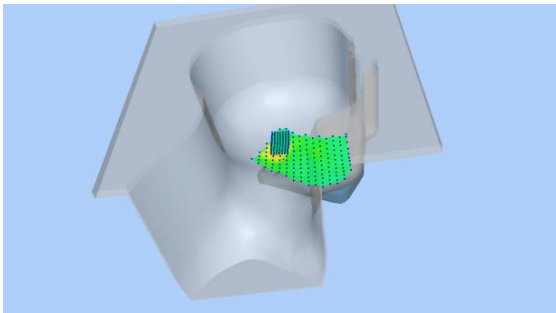
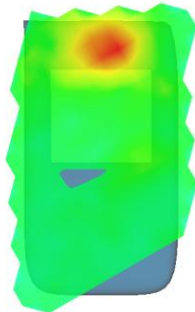
Frequency (MHz)	5785.000000
Relative permittivity (real part)	33.979572
Relative permittivity (imaginary part)	15.795672
Conductivity (S/m)	5.076553
Variation (%)	0.760000

**Maximum location: X=5.00, Y=22.00****SAR Peak: 1.12 W/kg**

SAR 10g (W/Kg)	0.193969
SAR 1g (W/Kg)	0.417160

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
SA R (W/ Kg)	0.71 67	0.44 95	0.25 15	0.15 36	0.12 27	0.09 53	0.08 00	0.08 18	0.08 07	0.07 22	0.08 37	0.08 25



3D screen shot	Hot spot position
	

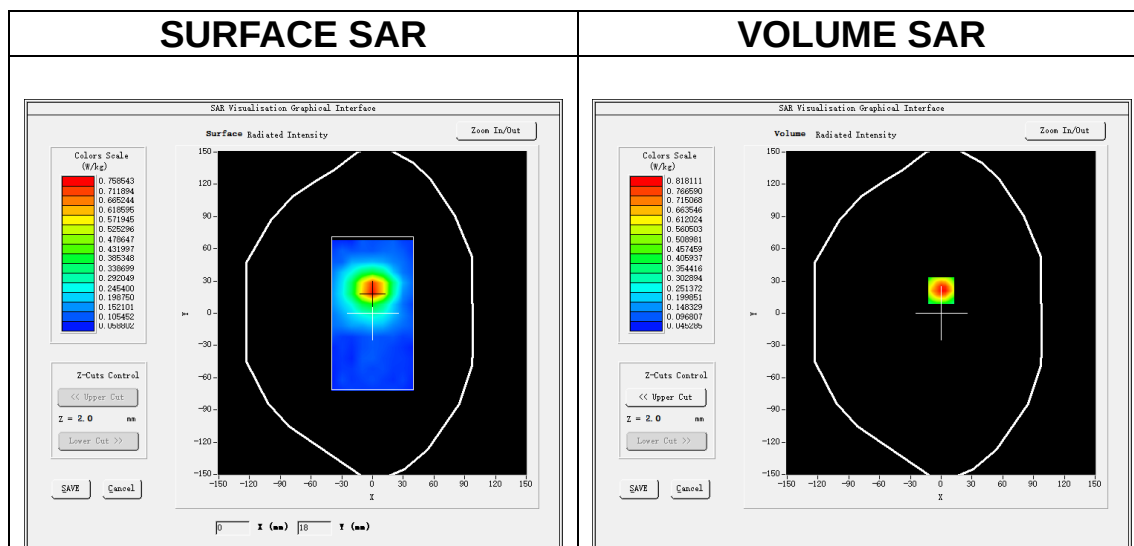
MEASUREMENT 22

Date of measurement: 17/12/2024

A. Experimental conditions.

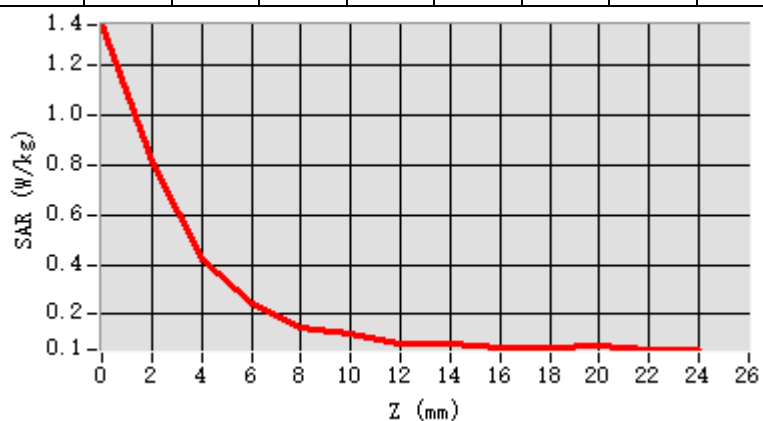
Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11ax (Crest factor: 1.0)</u>
ConvF	<u>1.90</u>

Frequency (MHz)	5785.000000
Relative permittivity (real part)	33.979572
Relative permittivity (imaginary part)	15.795672
Conductivity (S/m)	5.076553
Variation (%)	-0.840000

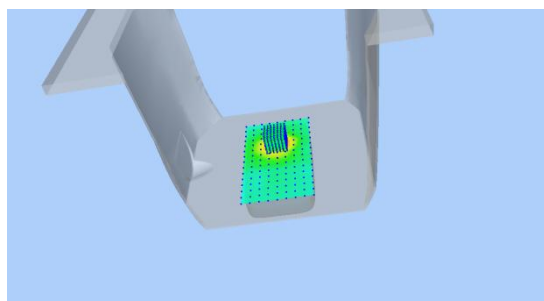
**Maximum location: X=0.00, Y=21.00****SAR Peak: 1.46 W/kg**

SAR 10g (W/Kg)	0.239035
SAR 1g (W/Kg)	0.505731

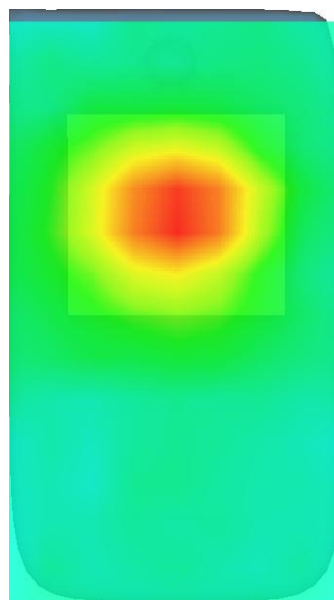
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SA R (W/ Kg)	1.36 48	0.81 81	0.42 05	0.24 14	0.14 61	0.12 21	0.08 04	0.08 15	0.06 82	0.06 64	0.07 41	0.05 73



3D screen shot



Hot spot position



MEASUREMENT 23

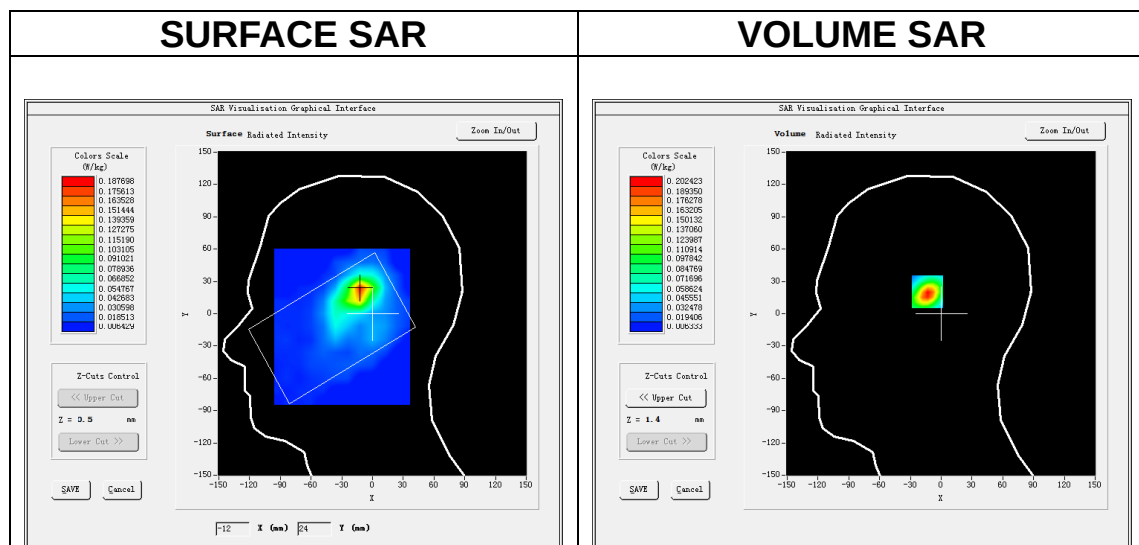
Date of measurement: 12/12/2024

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

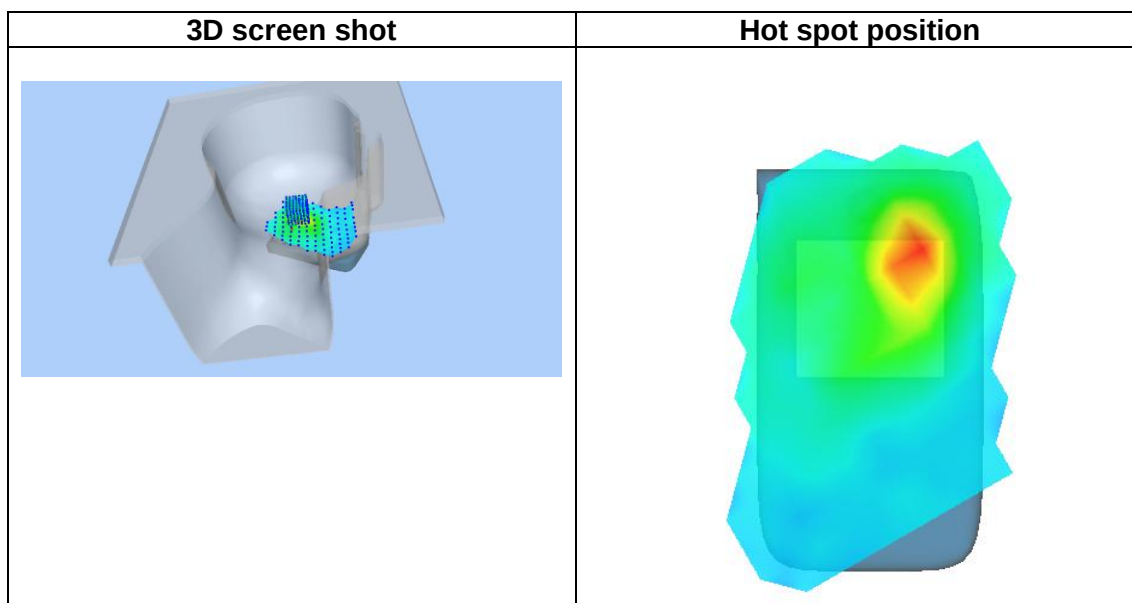
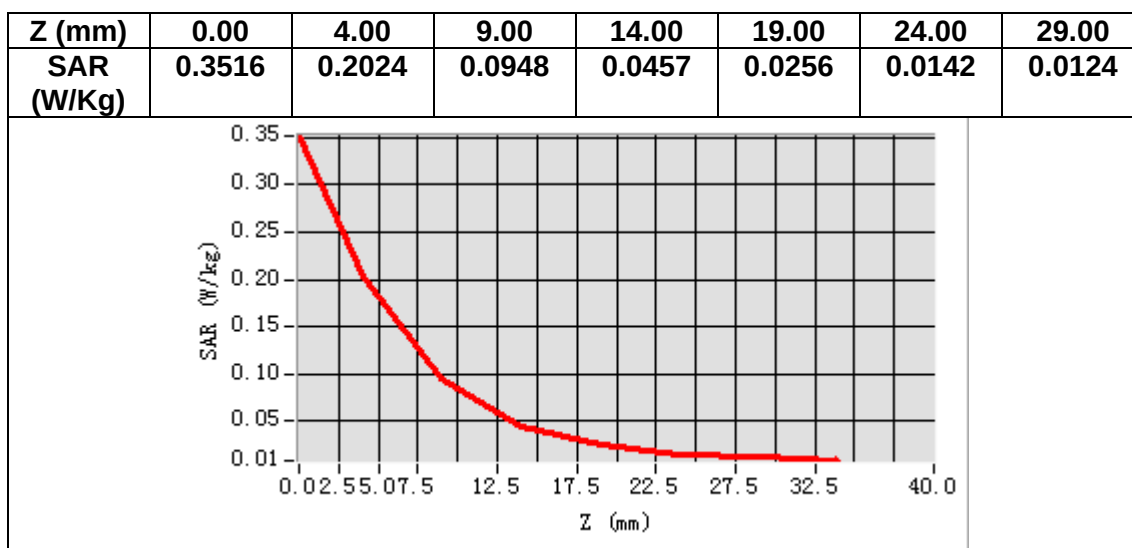
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.866589
Relative permittivity (imaginary part)	13.006529
Conductivity (S/m)	1.760940
Variation (%)	4.210000



Maximum location: X=-12.00, Y=22.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.083390
SAR 1g (W/Kg)	0.184132



MEASUREMENT 24

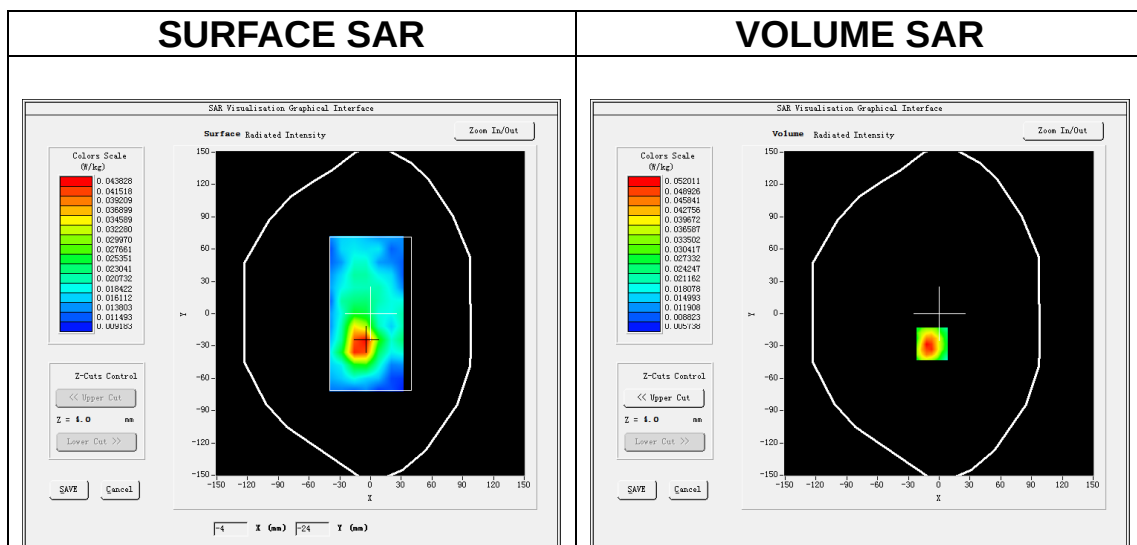
Date of measurement: 12/12/2024

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>Validation plane</u>
Device Position	<u>Body</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

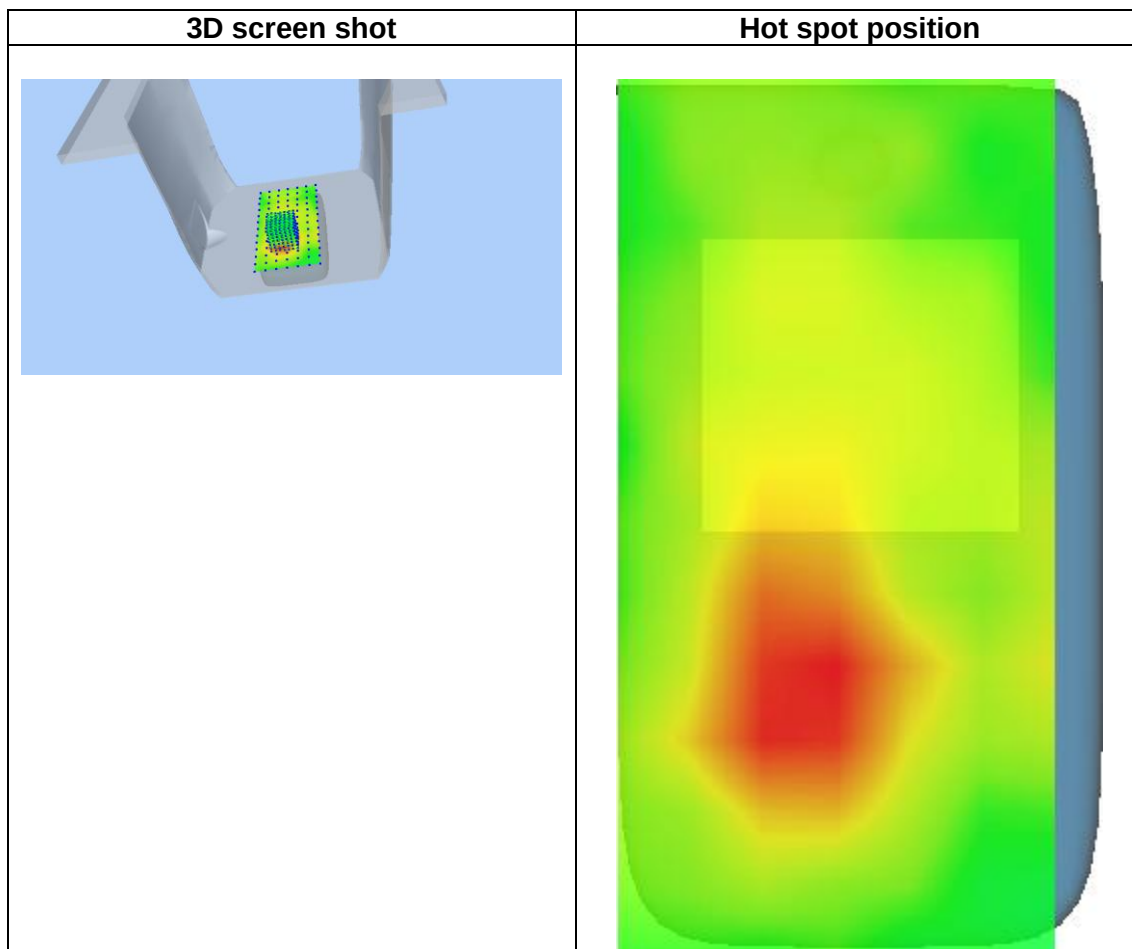
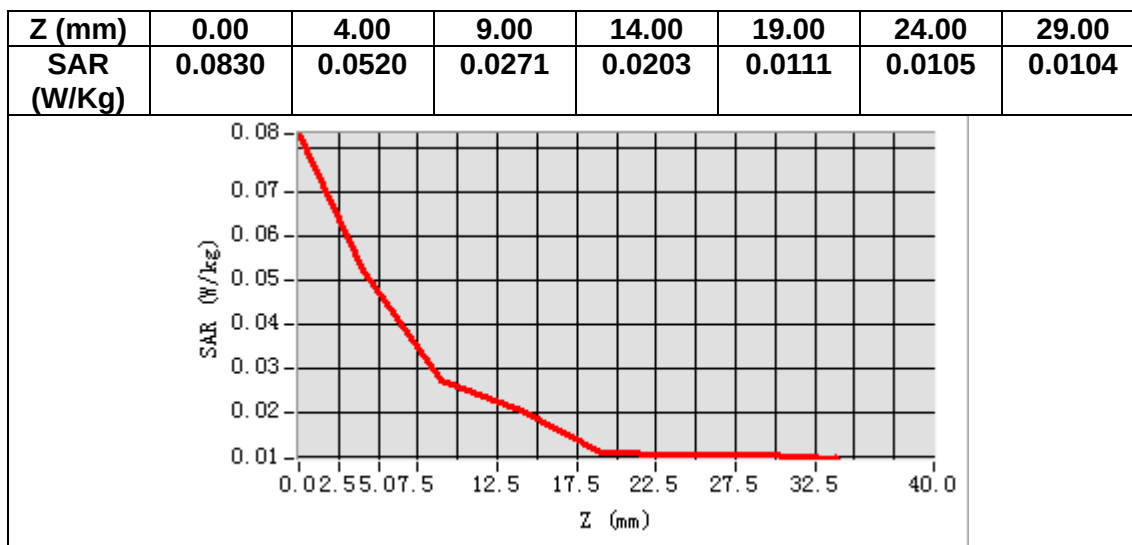
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.866589
Relative permittivity (imaginary part)	13.006529
Conductivity (S/m)	1.760940
Variation (%)	2.780000



Maximum location: X=-7.00, Y=-28.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.027742
SAR 1g (W/Kg)	0.048101



MEASUREMENT 25

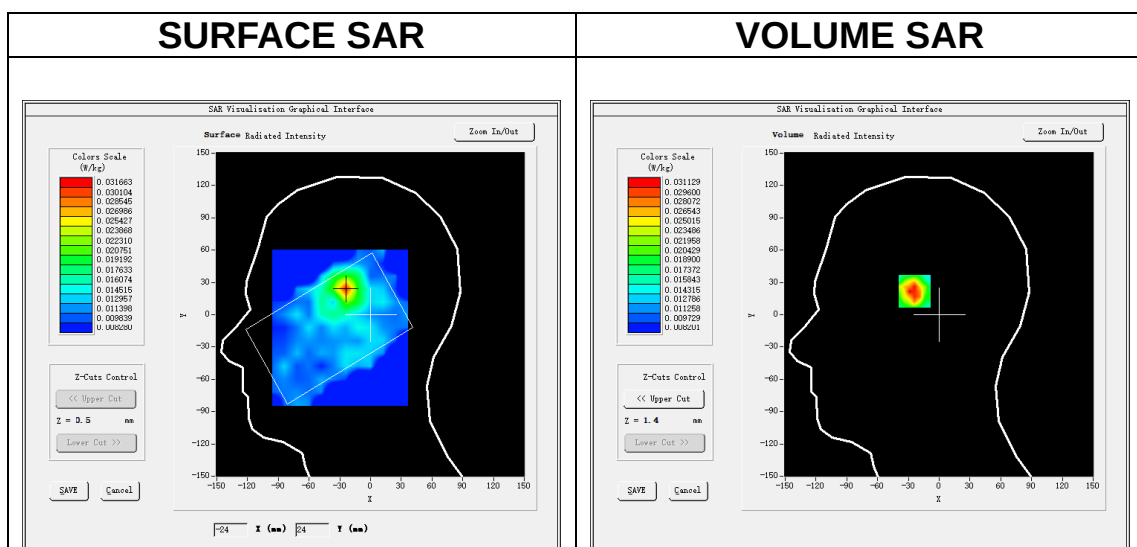
Date of measurement: 12/12/2024

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>Left head</u>
<u>Device Position</u>	<u>Cheek</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

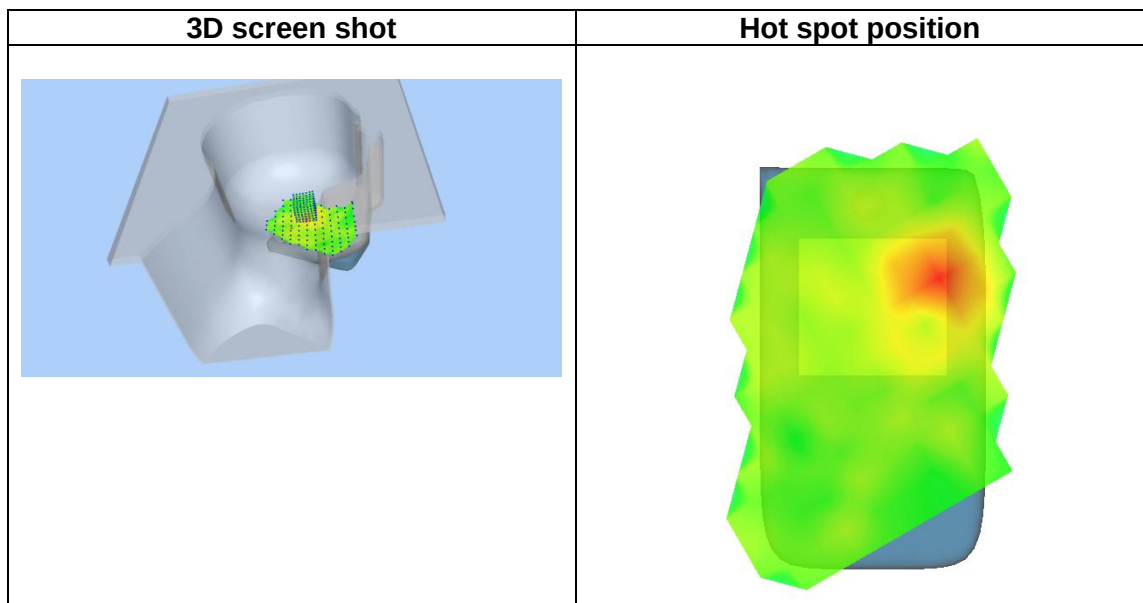
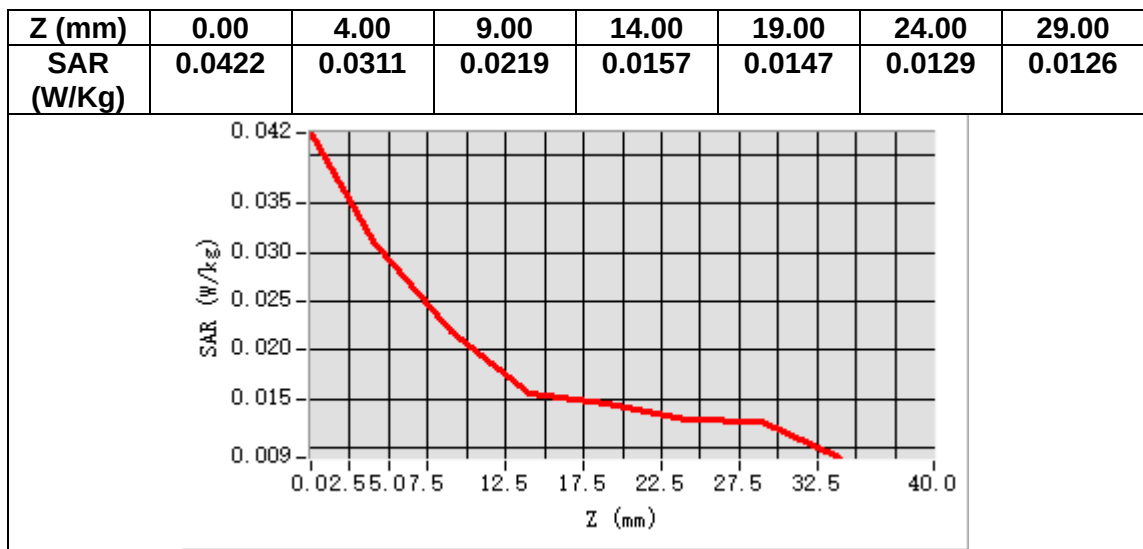
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.866589
Relative permittivity (imaginary part)	13.006529
Conductivity (S/m)	1.760940
Variation (%)	0.790000



Maximum location: X=-24.00, Y=24.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.019759
SAR 1g (W/Kg)	0.029420



MEASUREMENT 26

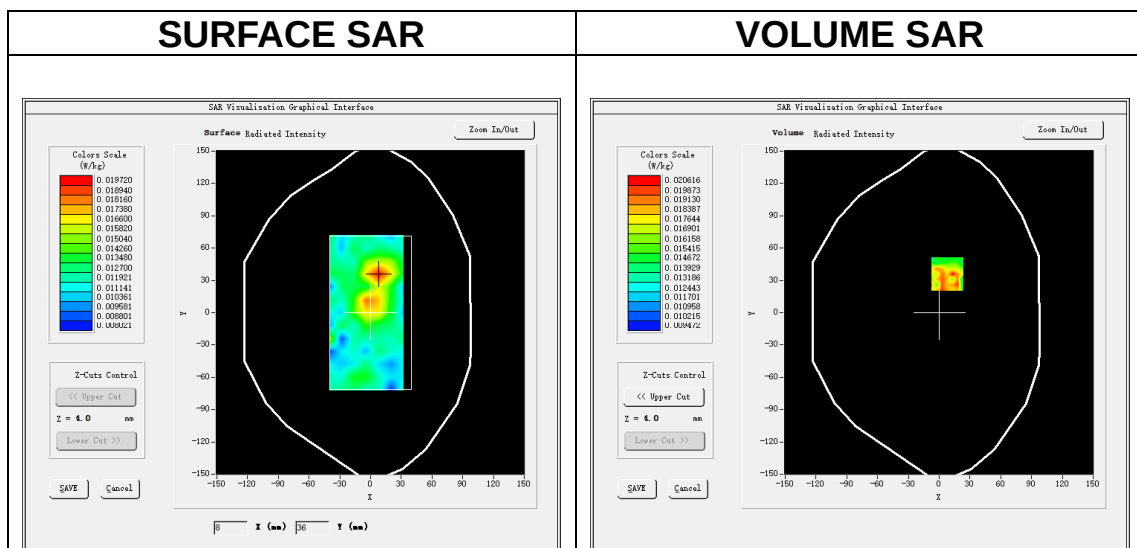
Date of measurement: 12/12/2024

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

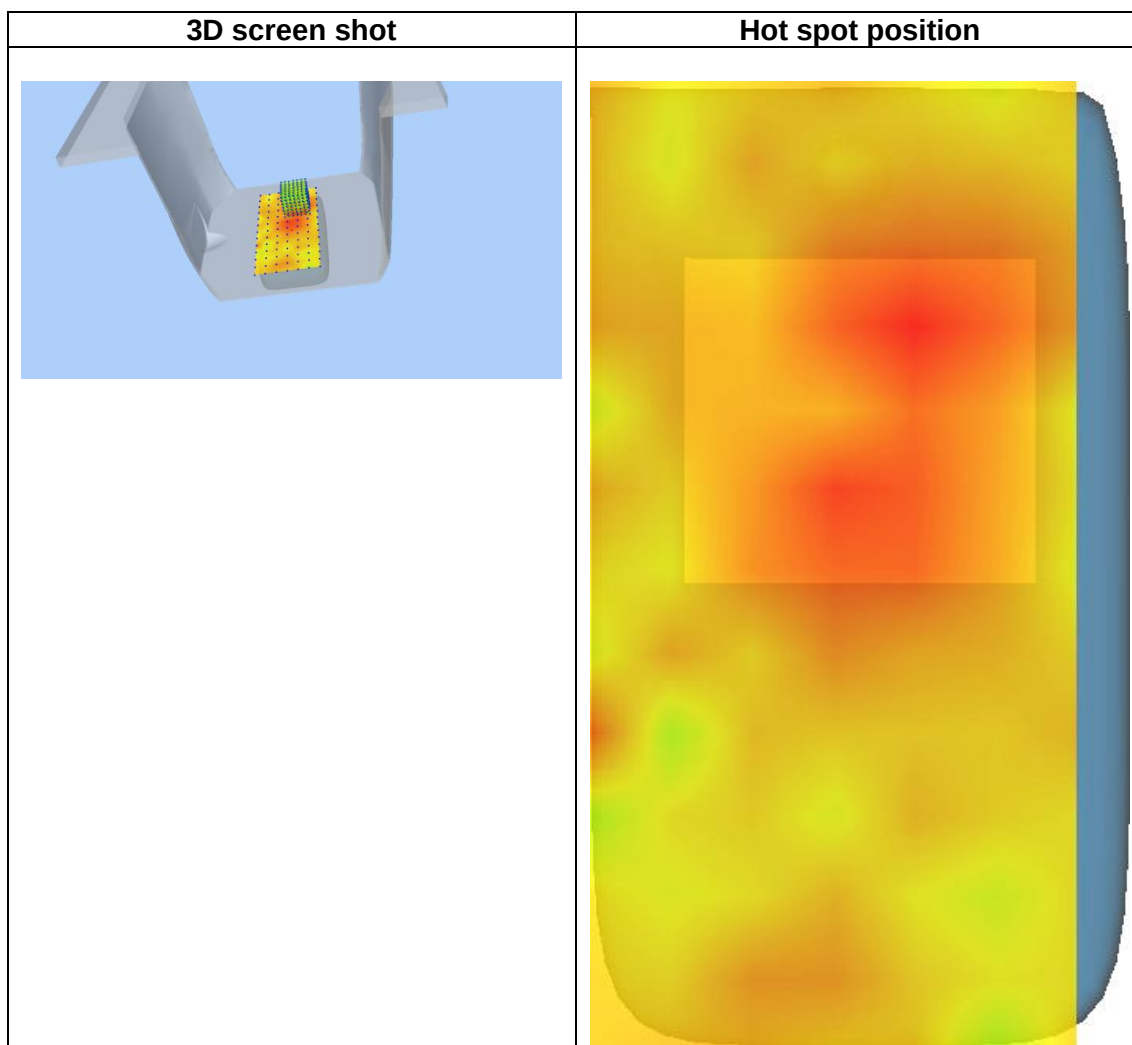
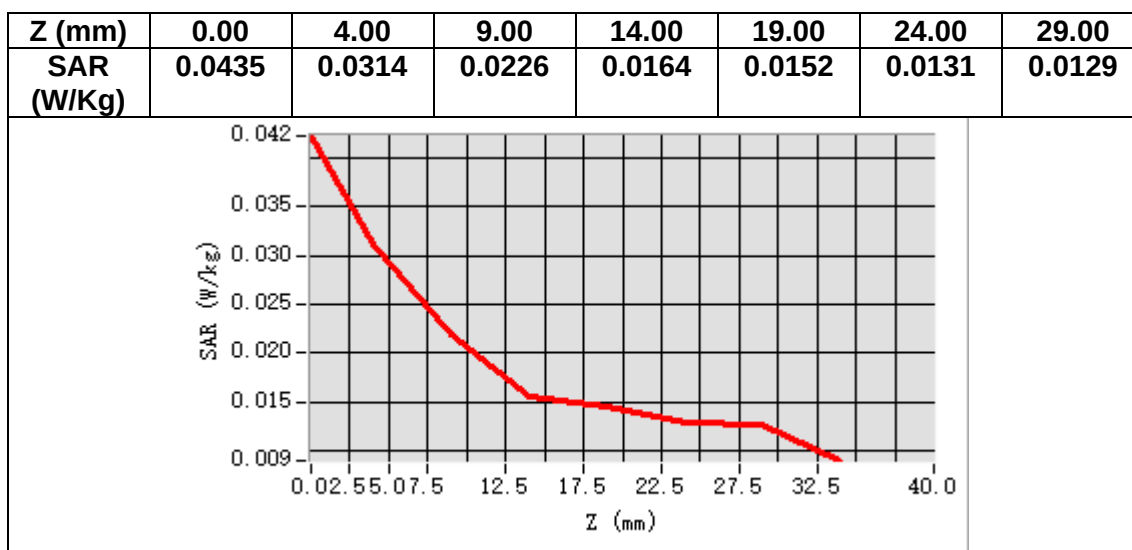
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.866589
Relative permittivity (imaginary part)	13.006529
Conductivity (S/m)	1.760940
Variation (%)	0.790000



Maximum location: X=-24.00, Y=24.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.020685
SAR 1g (W/Kg)	0.029742



MEASUREMENT 27

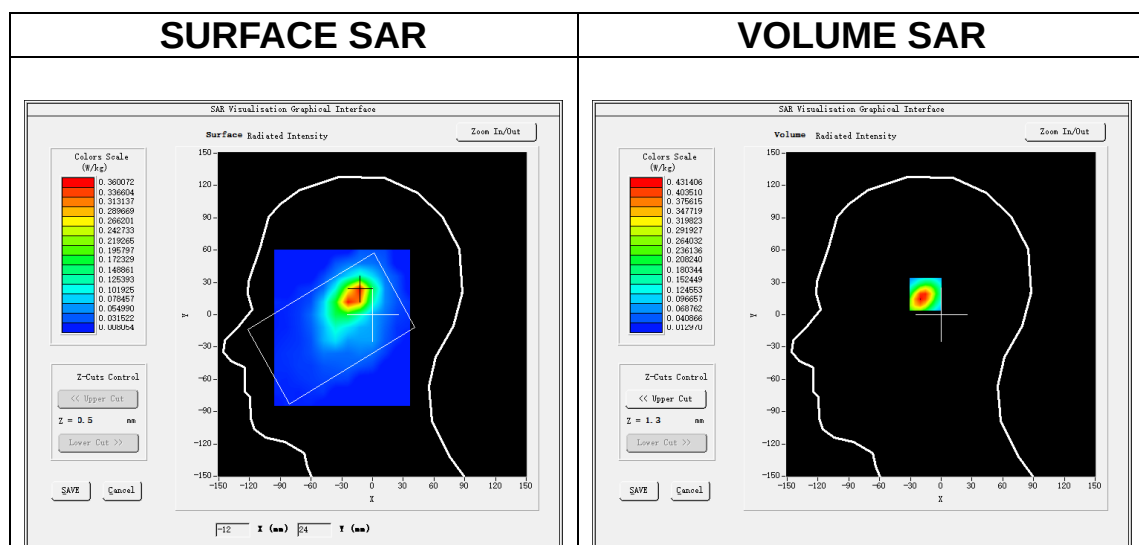
Date of measurement: 12/12/2024

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>Left head</u>
<u>Device Position</u>	<u>Cheek</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

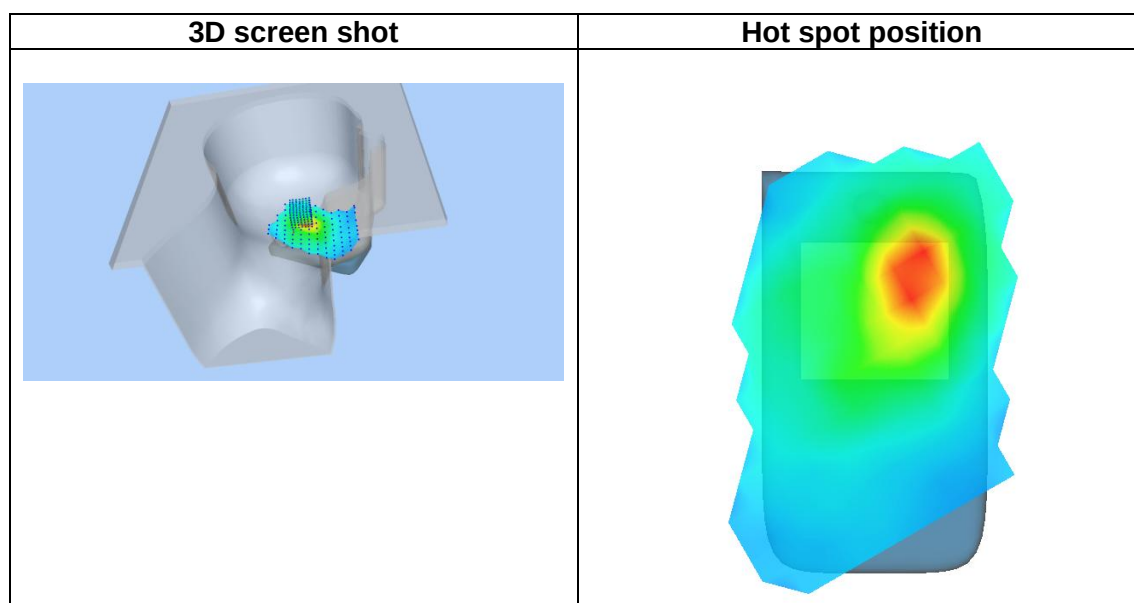
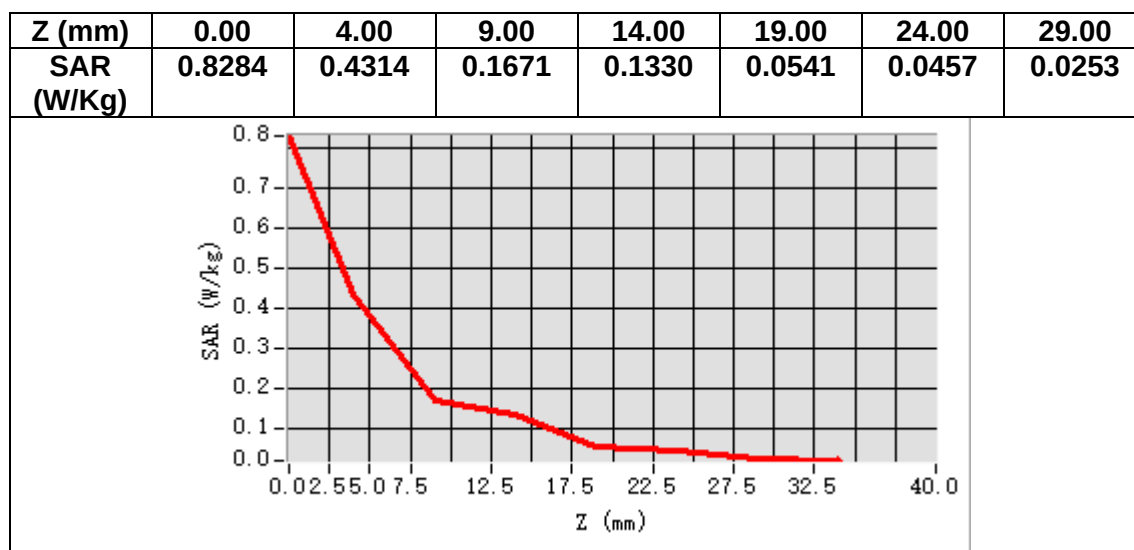
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.866589
Relative permittivity (imaginary part)	13.006529
Conductivity (S/m)	1.760940
Variation (%)	2.250000



Maximum location: X=-14.00, Y=21.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.193009
SAR 1g (W/Kg)	0.396706



MEASUREMENT 28

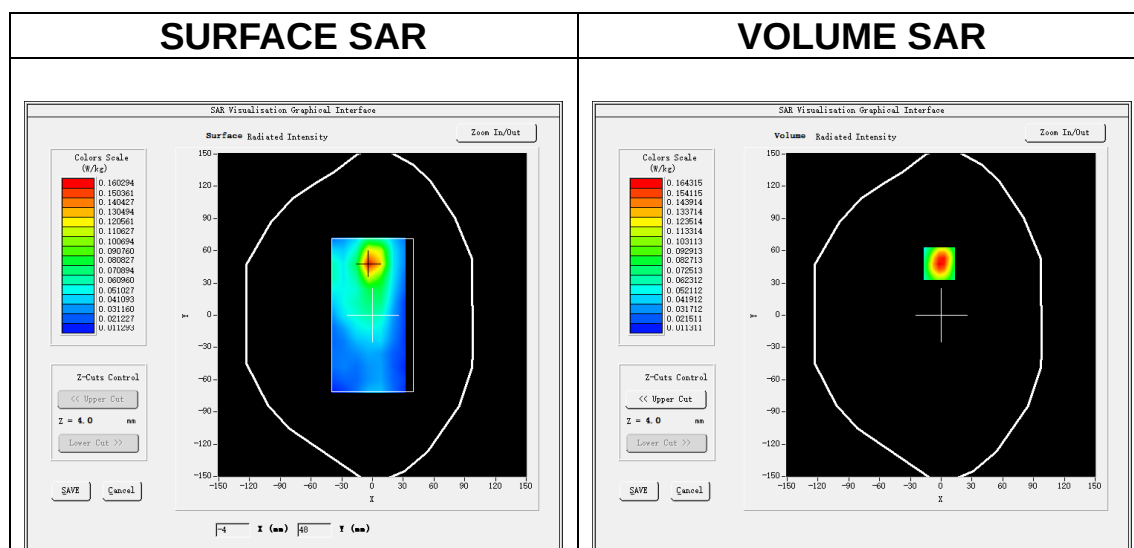
Date of measurement: 12/12/2024

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)	37.866589
Relative permittivity (imaginary part)	13.006529
Conductivity (S/m)	1.760940
Variation (%)	1.110000

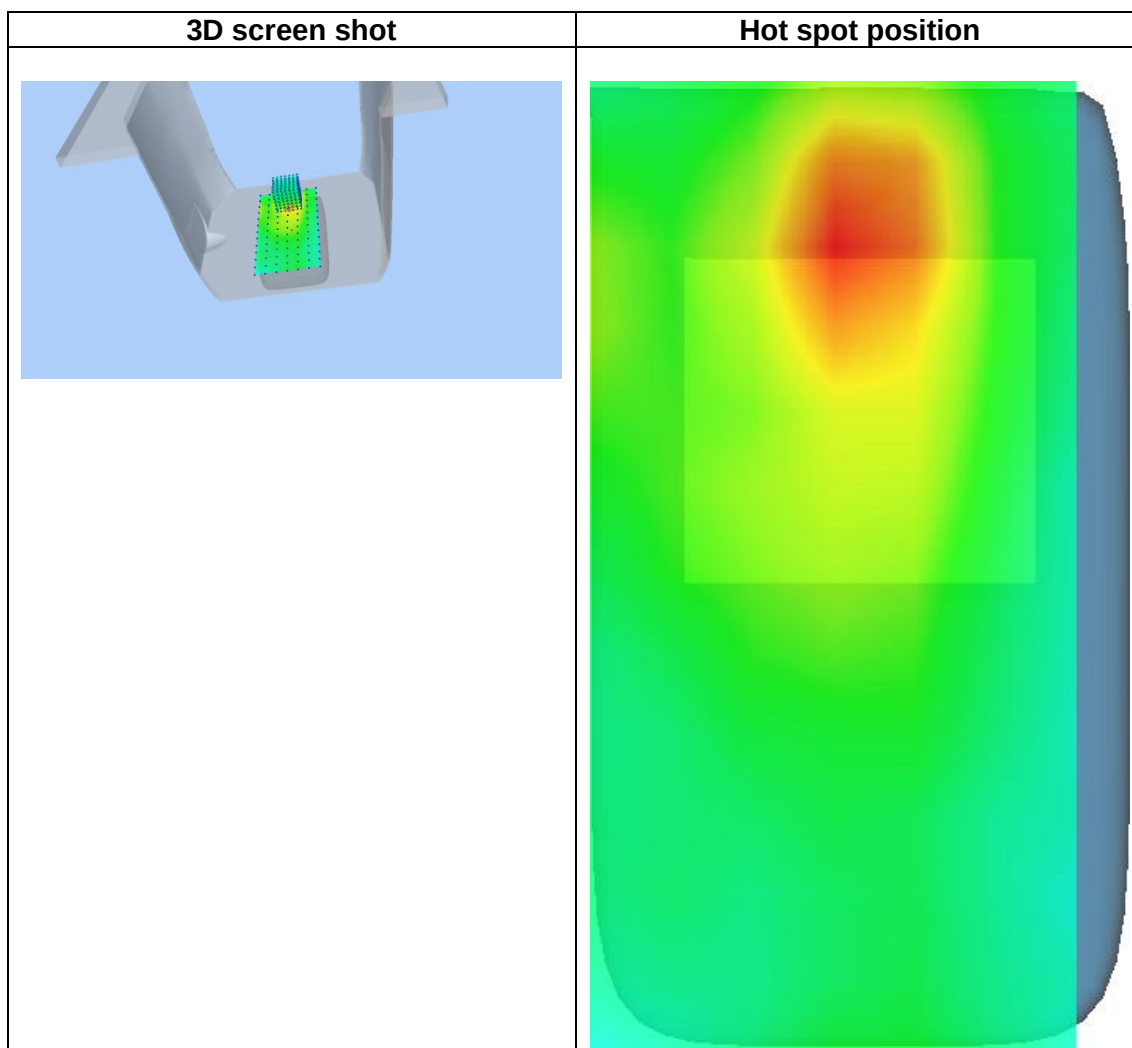
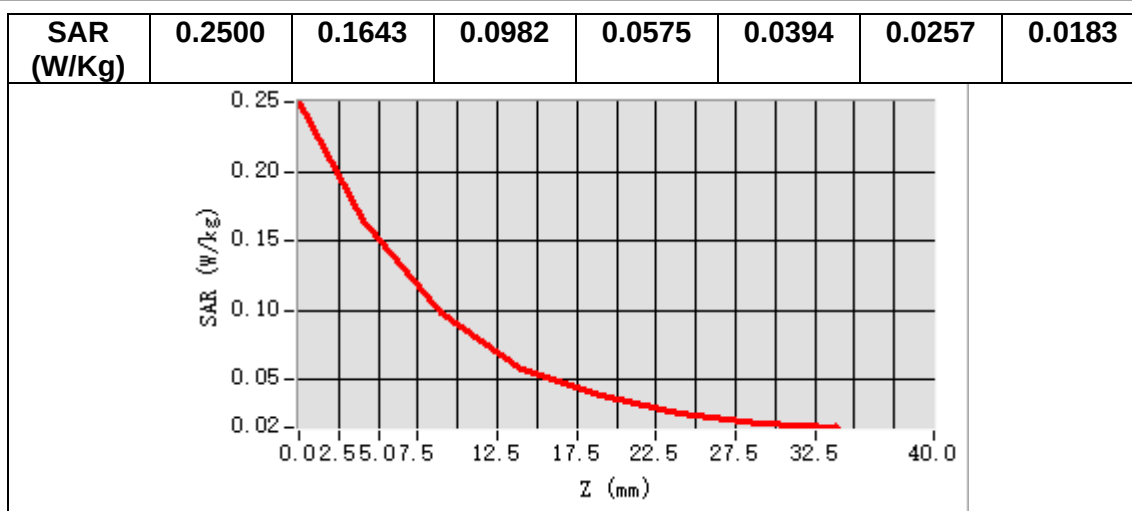


Maximum location: X=-2.00, Y=48.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.084917
SAR 1g (W/Kg)	0.156358

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
--------	------	------	------	-------	-------	-------	-------



MEASUREMENT 29

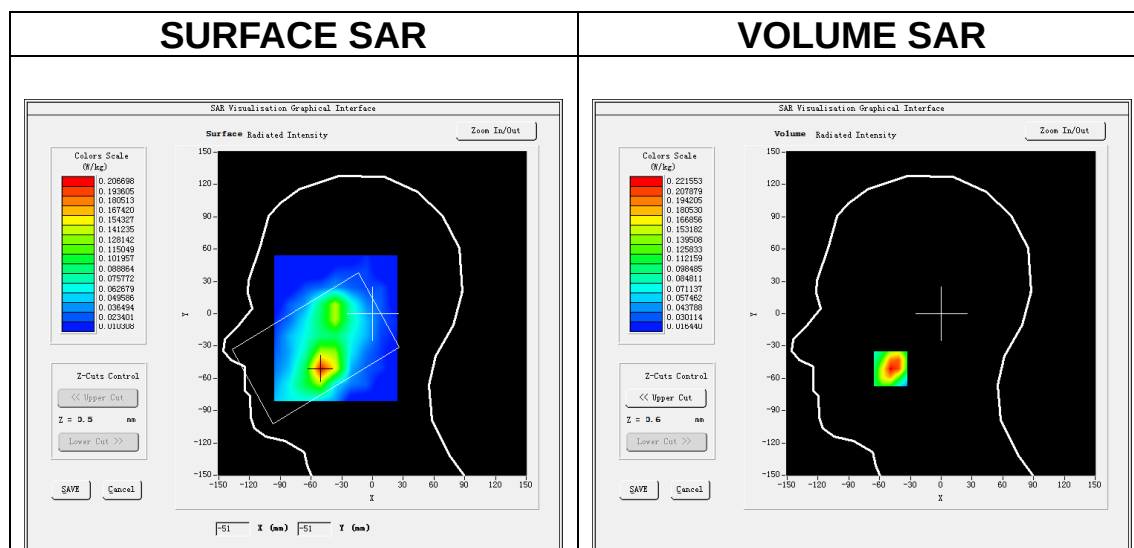
Date of measurement: 9/12/2024

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>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.57</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.543578
Relative permittivity (imaginary part)	13.809931
Conductivity (S/m)	1.442371
Variation (%)	-2.350000



Maximum location: X=-49.00, Y=-51.00

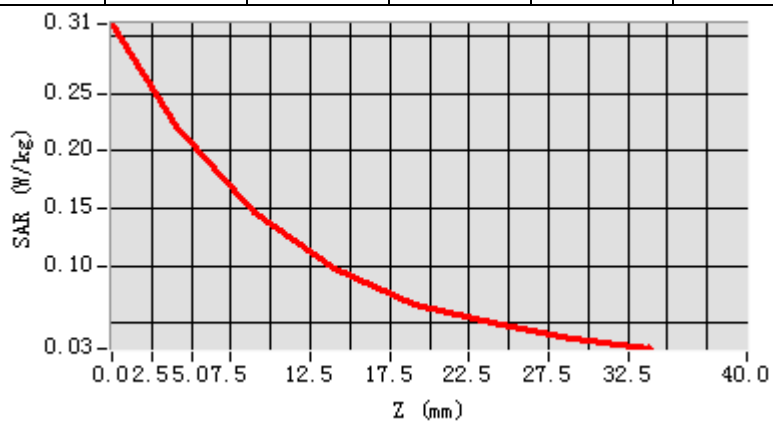
SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.125221
-----------------------	----------

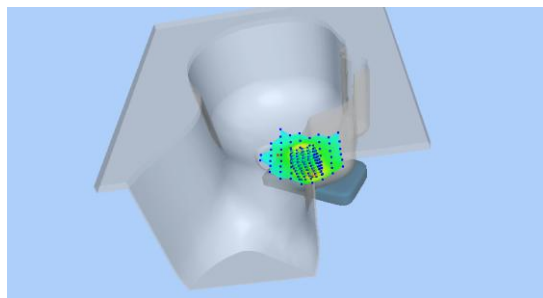
SAR 1g (W/Kg)

0.220020

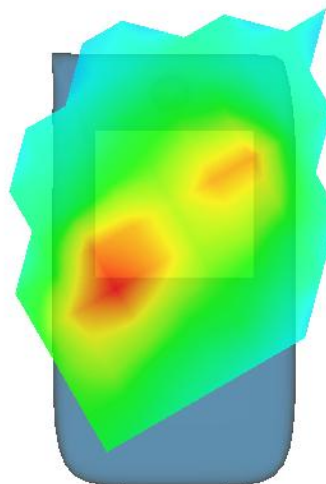
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3106	0.2216	0.1458	0.0983	0.0668	0.0513	0.0360



3D screen shot



Hot spot position



MEASUREMENT 30

Date of measurement: 9/12/2024

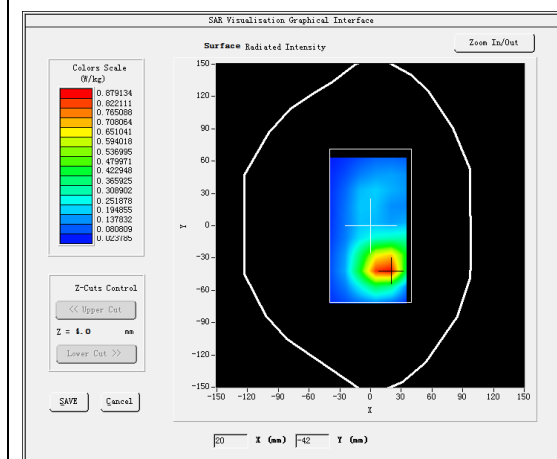
A. Experimental conditions.

<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>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.57</u>

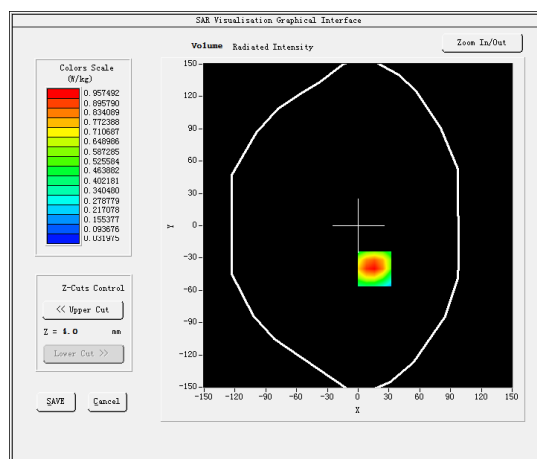
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.543578
Relative permittivity (imaginary part)	13.809931
Conductivity (S/m)	1.442371
Variation (%)	-0.330000

SURFACE SAR



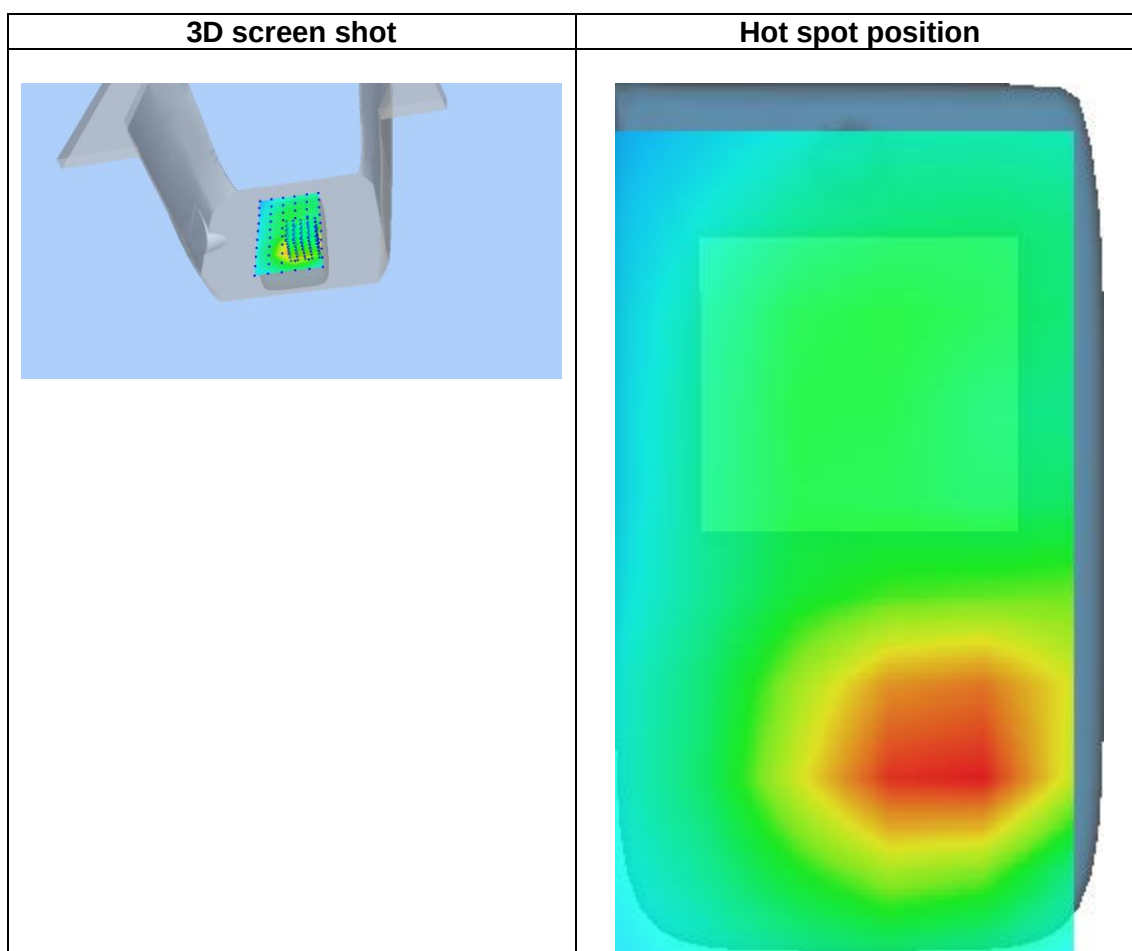
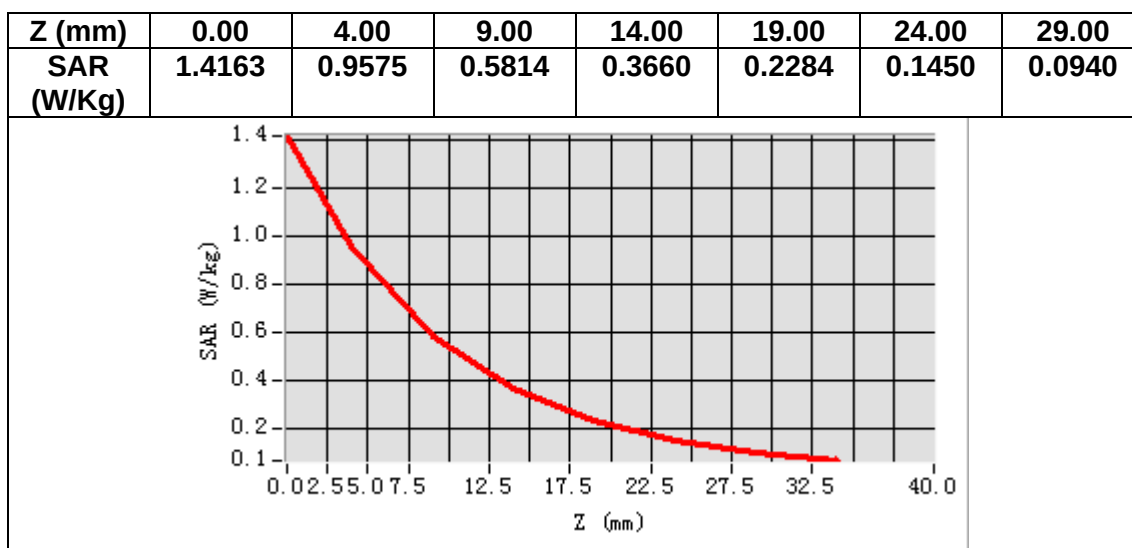
VOLUME SAR



Maximum location: X=16.00, Y=-40.00

SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.533963
SAR 1g (W/Kg)	0.943667



MEASUREMENT 31

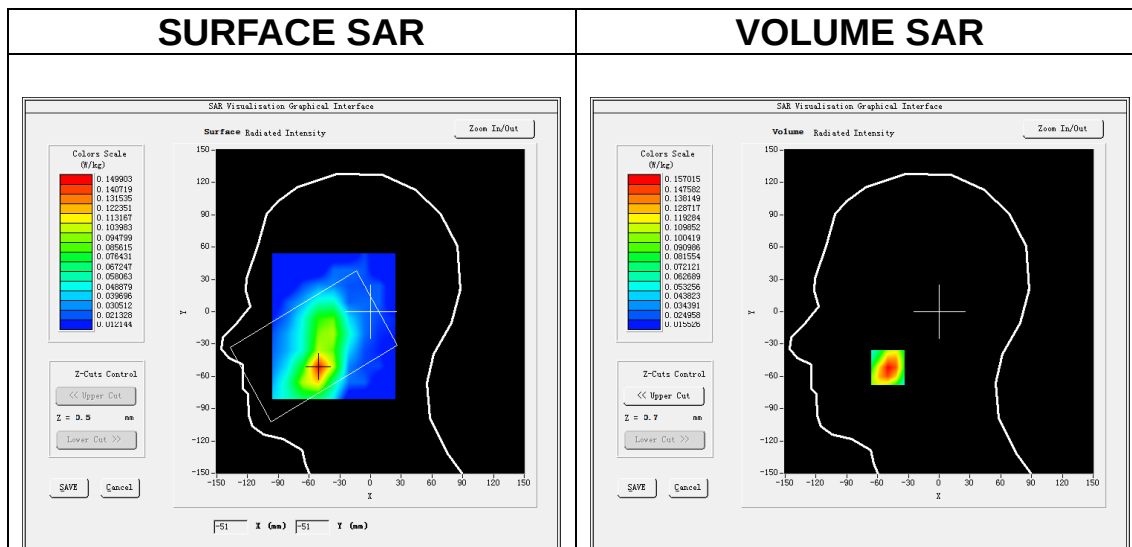
Date of measurement: 6/12/2024

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>LTE band 4</u>
Channels	<u>Middle</u>
Signal	<u>LTE (Crest factor: 1.0)</u>
ConvF	<u>2.51</u>

B. SAR Measurement Results

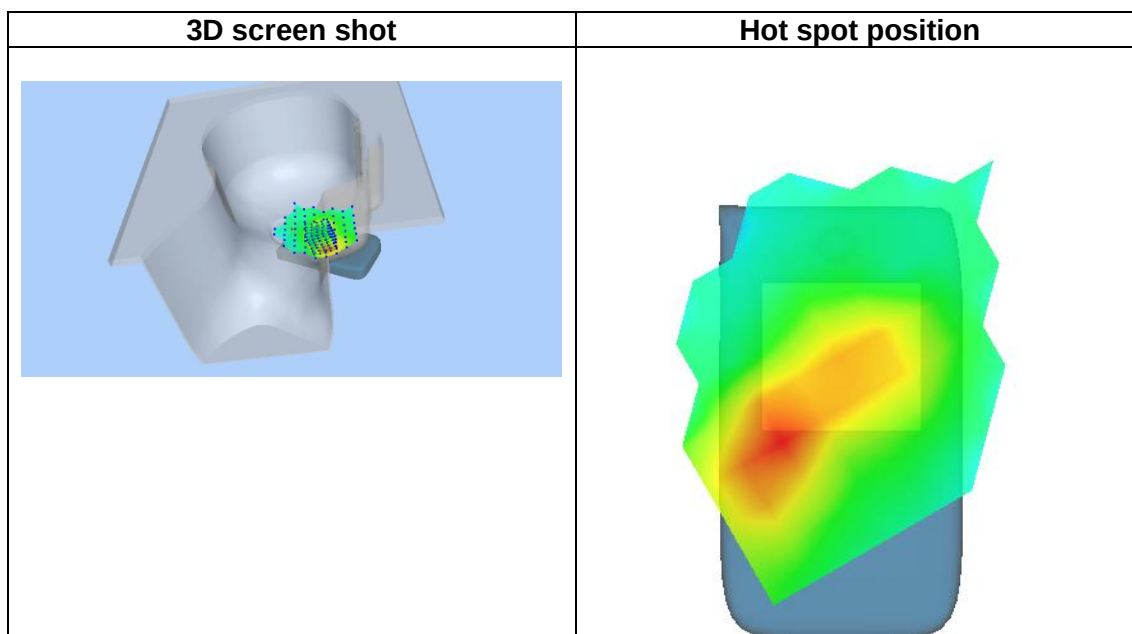
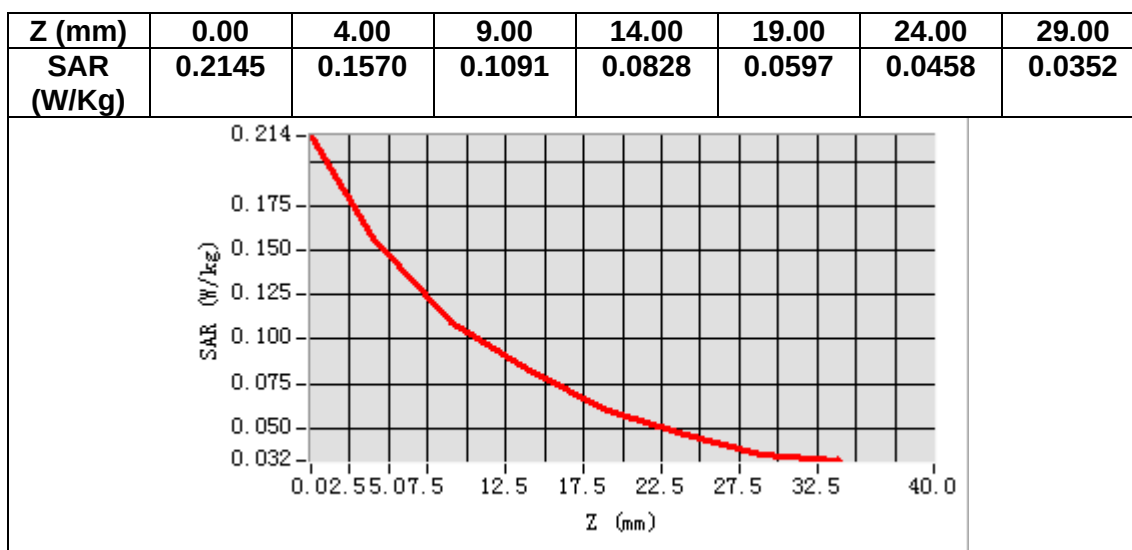
Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.437782
Relative permittivity (imaginary part)	13.684697
Conductivity (S/m)	1.317152
Variation (%)	-2.210000



Maximum location: X=-50.00, Y=-52.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.095885
SAR 1g (W/Kg)	0.152671



MEASUREMENT 32

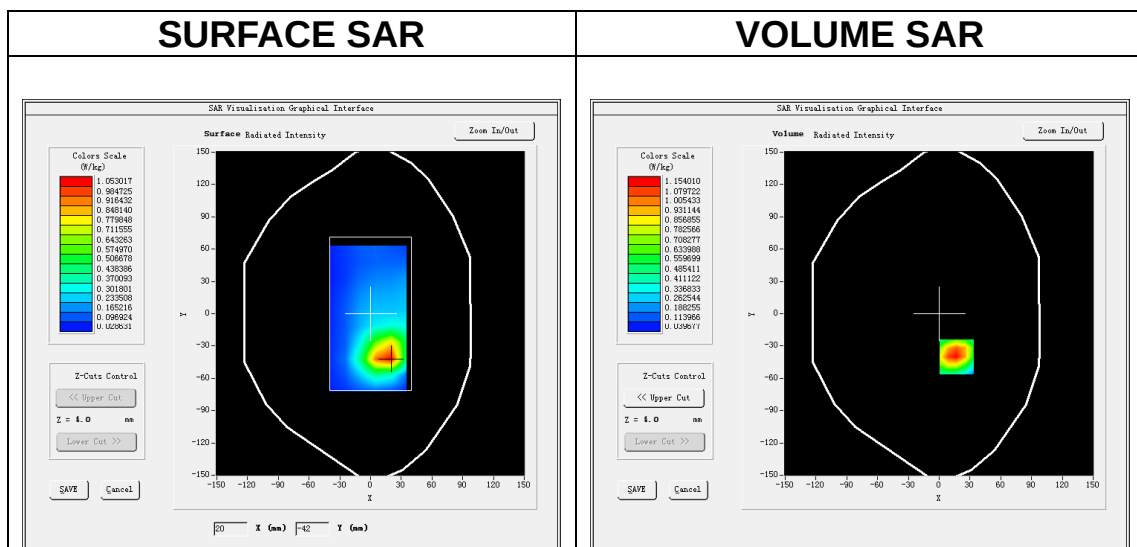
Date of measurement: 6/12/2024

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>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.51</u>

B. SAR Measurement Results

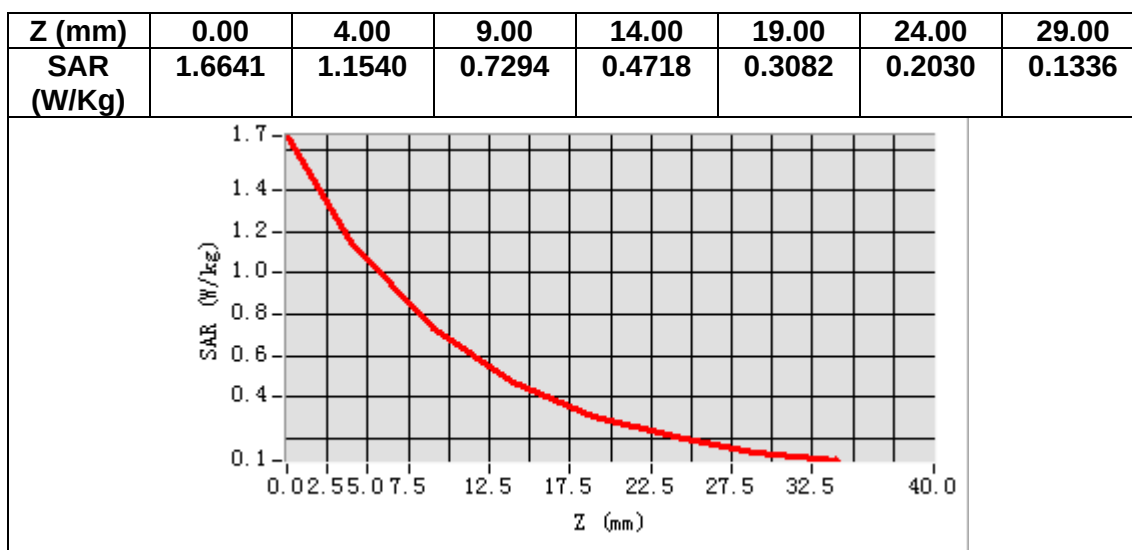
Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.437782
Relative permittivity (imaginary part)	13.684697
Conductivity (S/m)	1.317152
Variation (%)	-0.440000



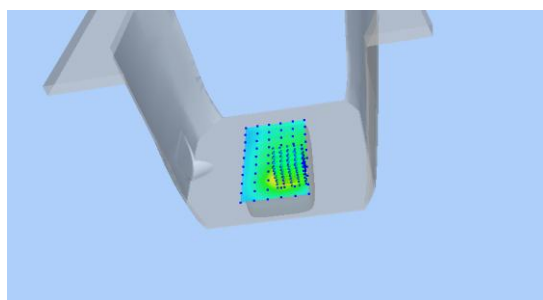
Maximum location: X=17.00, Y=-40.00

SAR Peak: 1.70 W/kg

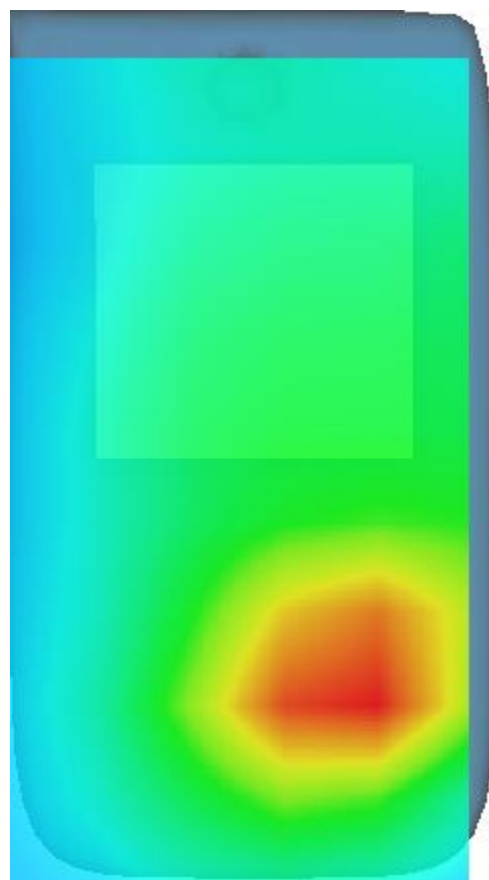
SAR 10g (W/Kg)	0.630462
SAR 1g (W/Kg)	1.105210



3D screen shot



Hot spot position



MEASUREMENT 33

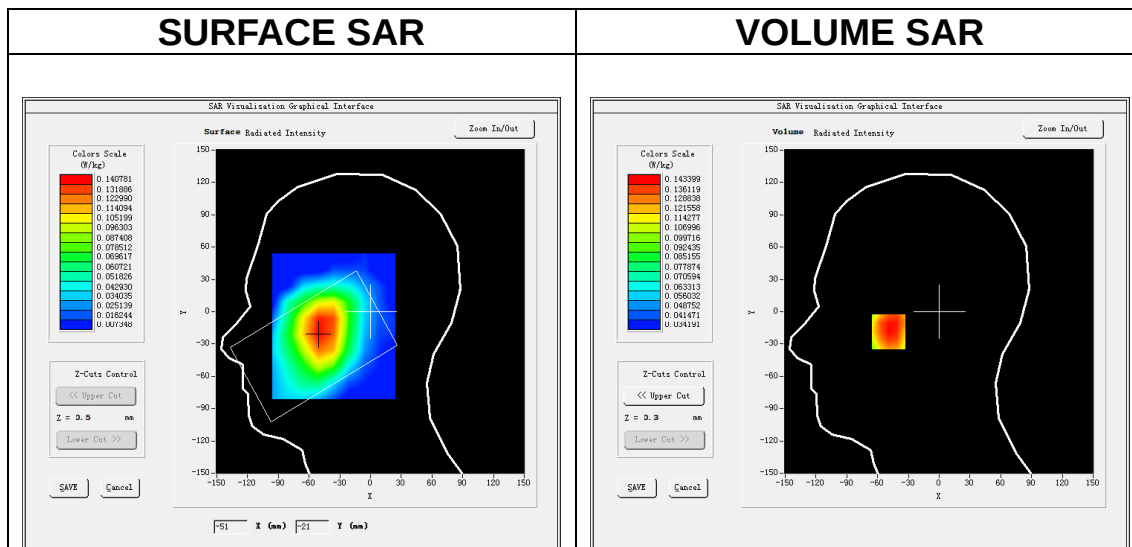
Date of measurement: 11/12/2024

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>LTE band 5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.34</u>

B. SAR Measurement Results

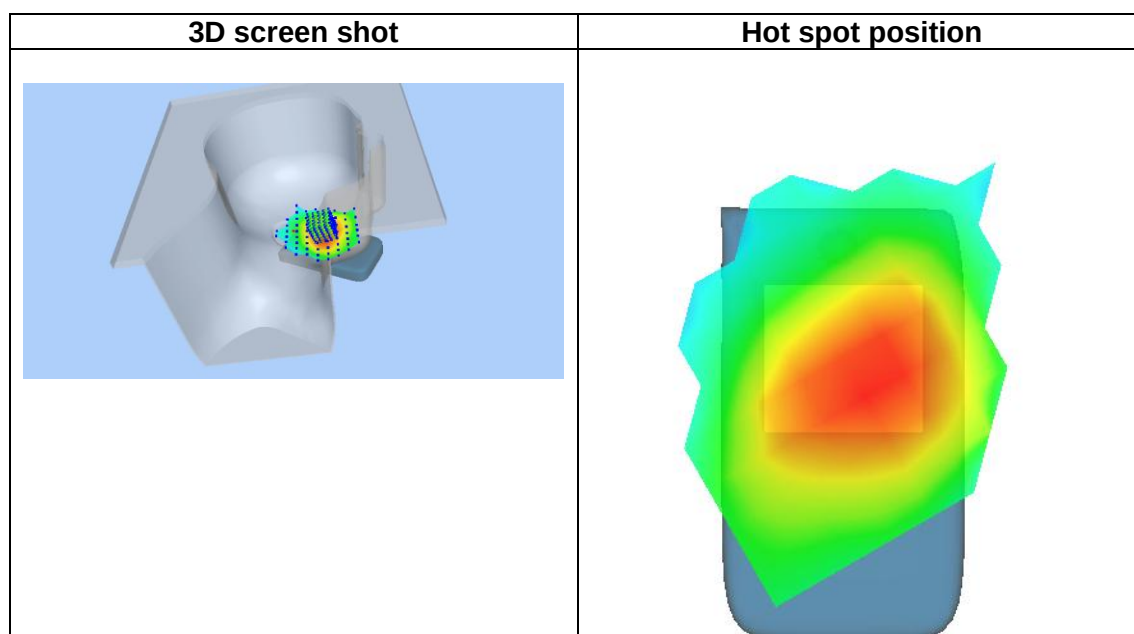
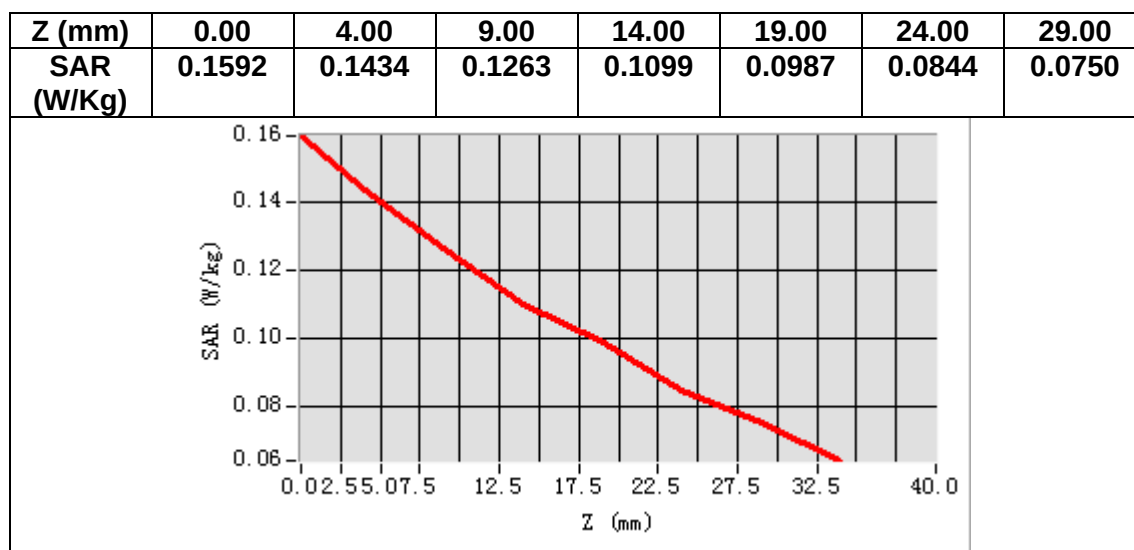
Frequency (MHz)	836.500000
Relative permittivity (real part)	41.745296
Relative permittivity (imaginary part)	19.617273
Conductivity (S/m)	0.911658
Variation (%)	3.020000



Maximum location: X=-49.00, Y=-18.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.116205
SAR 1g (W/Kg)	0.142058



MEASUREMENT 34

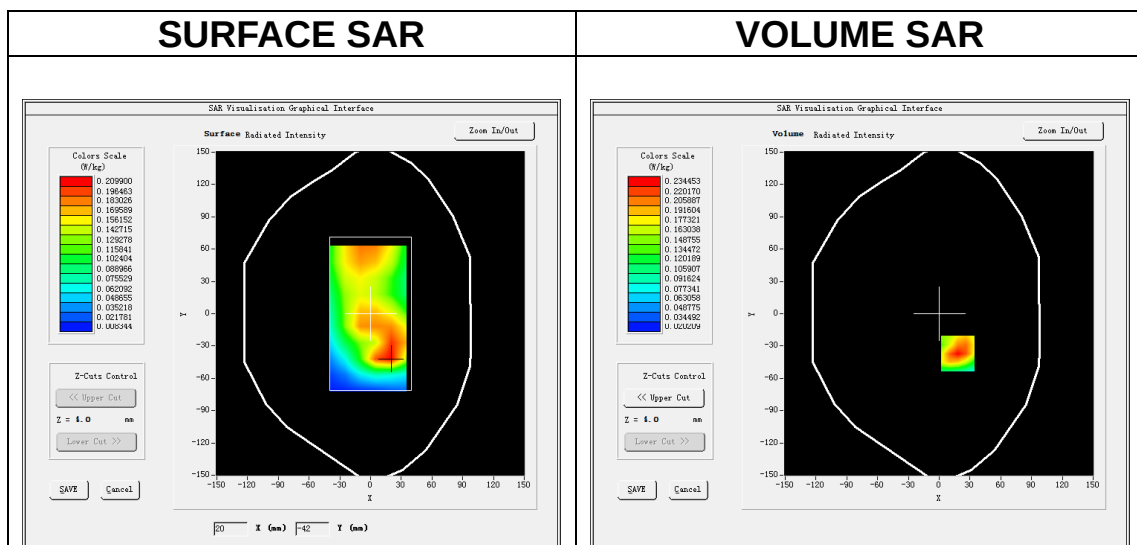
Date of measurement: 11/12/2024

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>LTE band 5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.34</u>

B. SAR Measurement Results

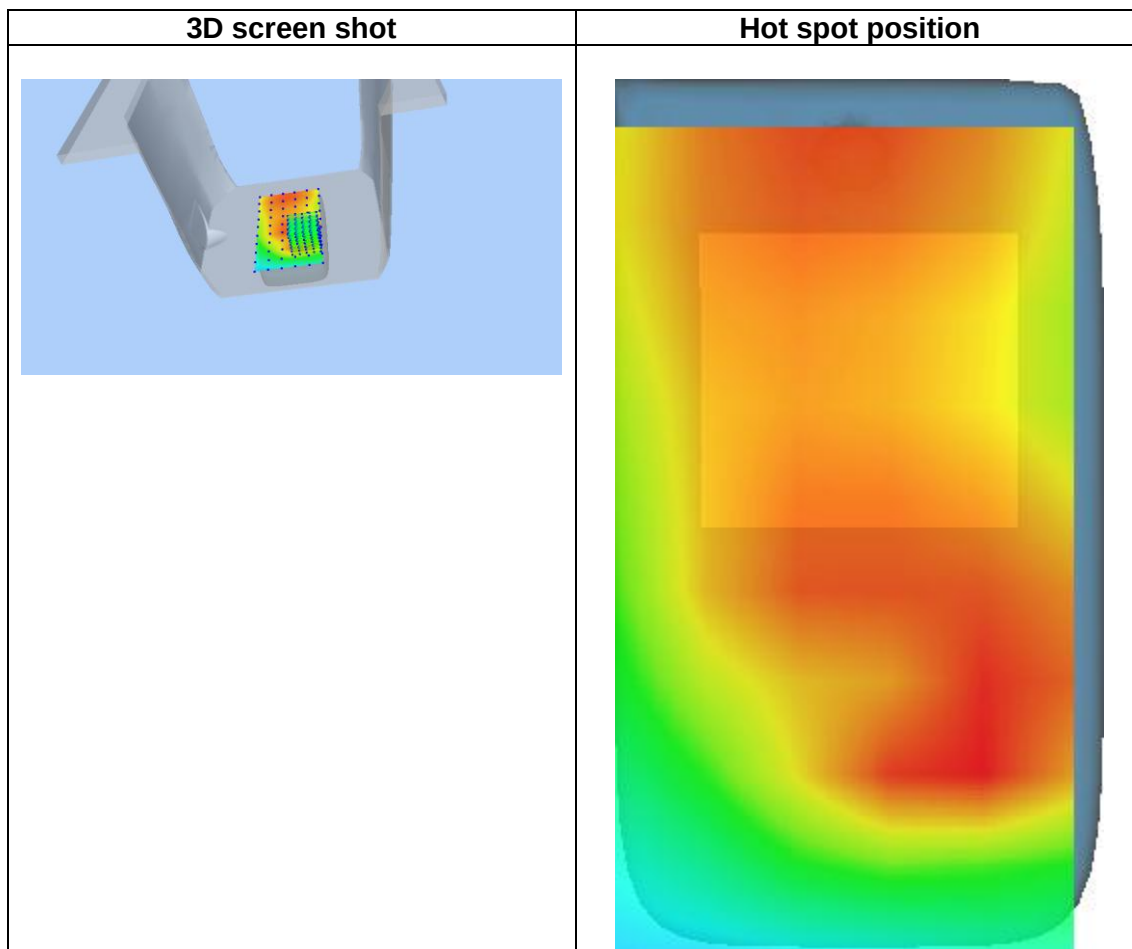
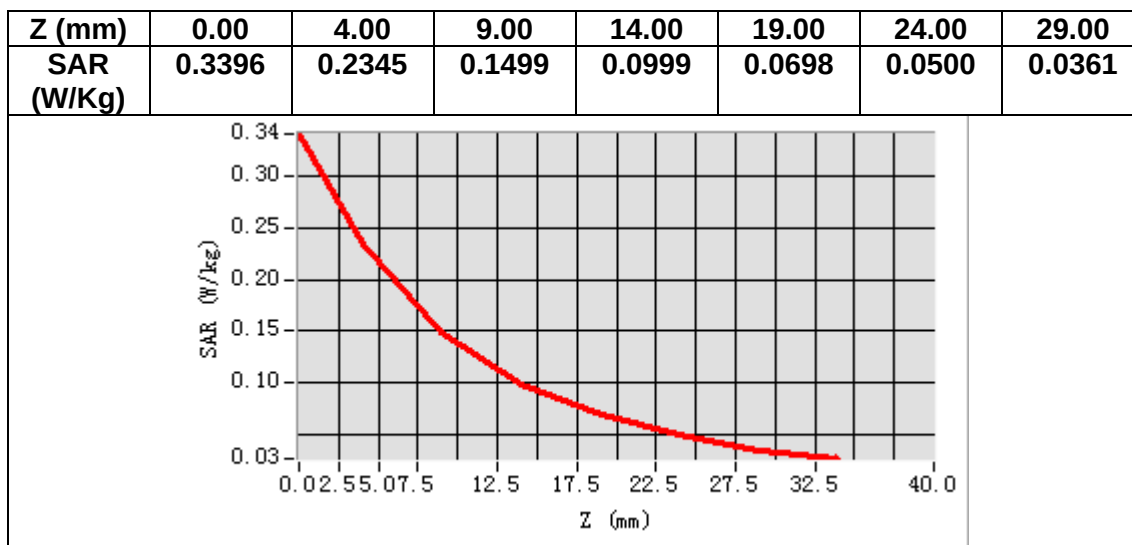
Frequency (MHz)	836.500000
Relative permittivity (real part)	41.745296
Relative permittivity (imaginary part)	19.617273
Conductivity (S/m)	0.911658
Variation (%)	-0.770000



Maximum location: X=18.00, Y=-37.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.136554
SAR 1g (W/Kg)	0.223280



MEASUREMENT 35

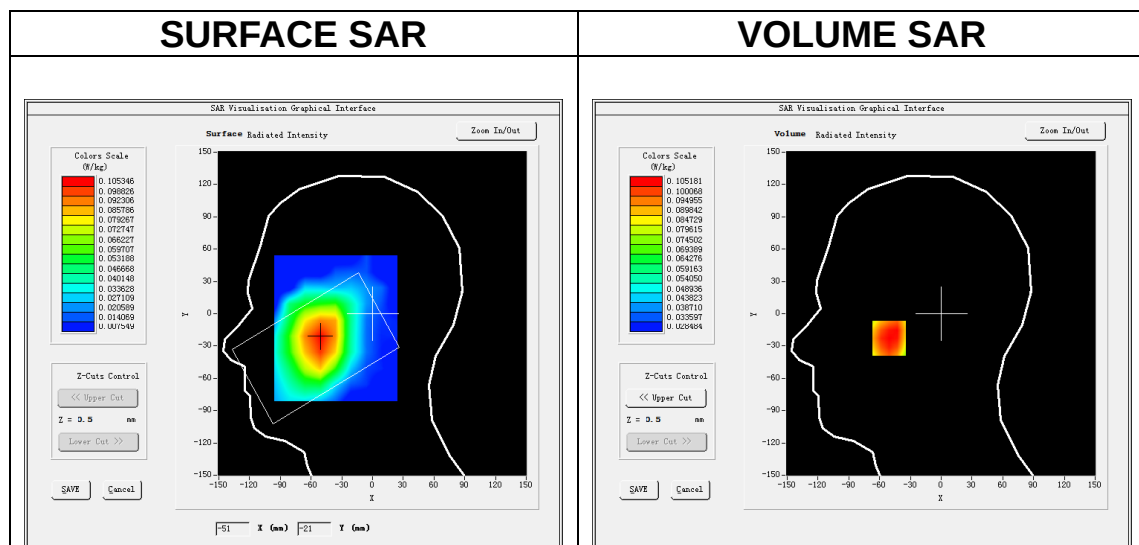
Date of measurement: 13/12/2024

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>LTE band 12</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.42</u>

B. SAR Measurement Results

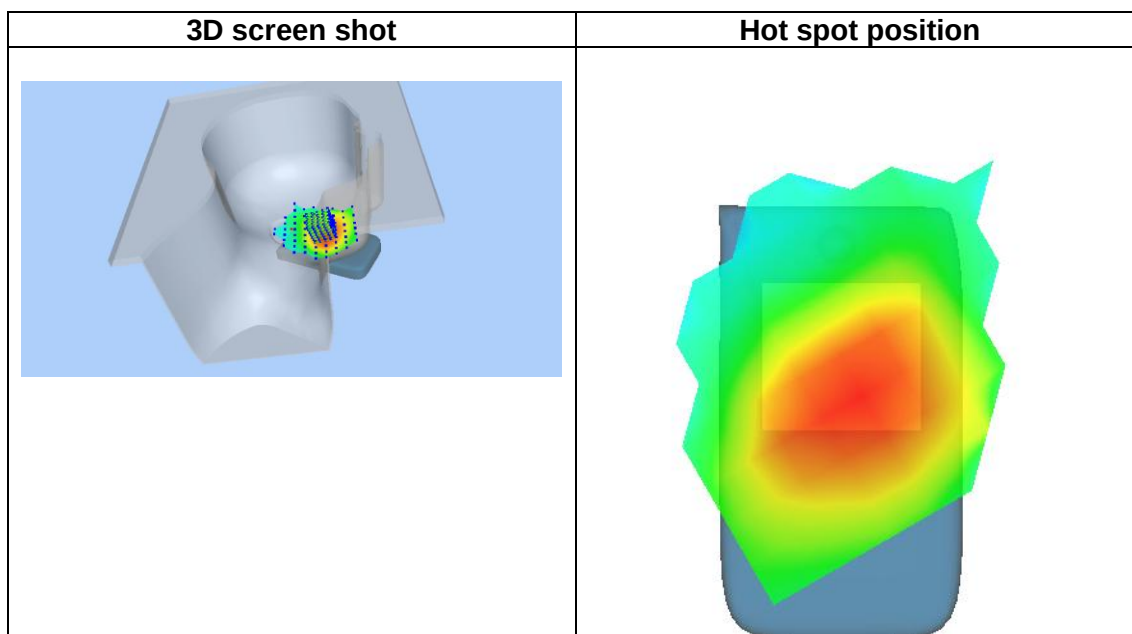
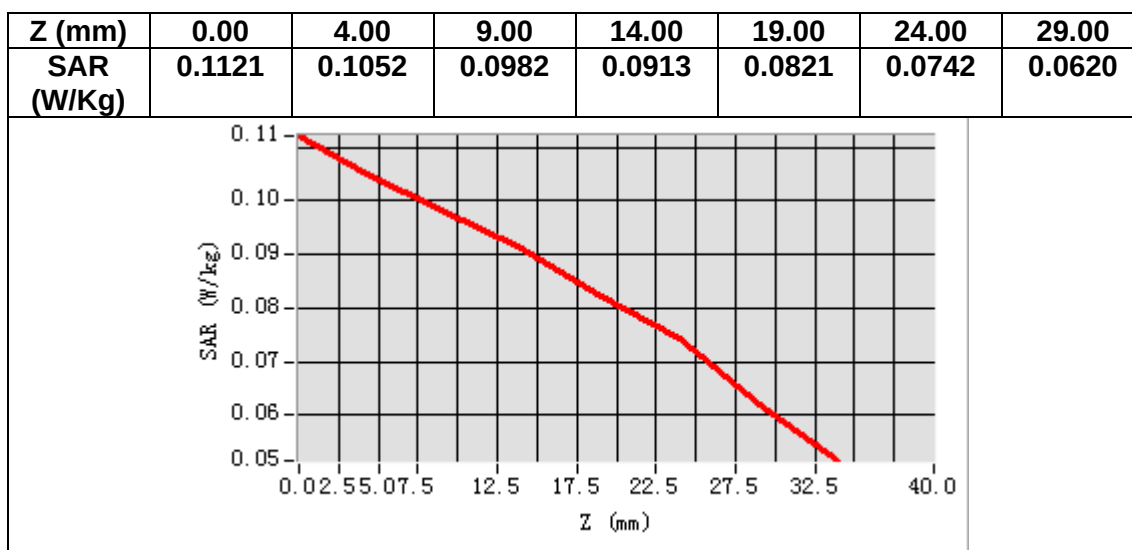
Frequency (MHz)	707.500000
Relative permittivity (real part)	41.314651
Relative permittivity (imaginary part)	21.860296
Conductivity (S/m)	0.859231
Variation (%)	-1.600000



Maximum location: X=-51.00, Y=-23.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.089981
SAR 1g (W/Kg)	0.104406



MEASUREMENT 36

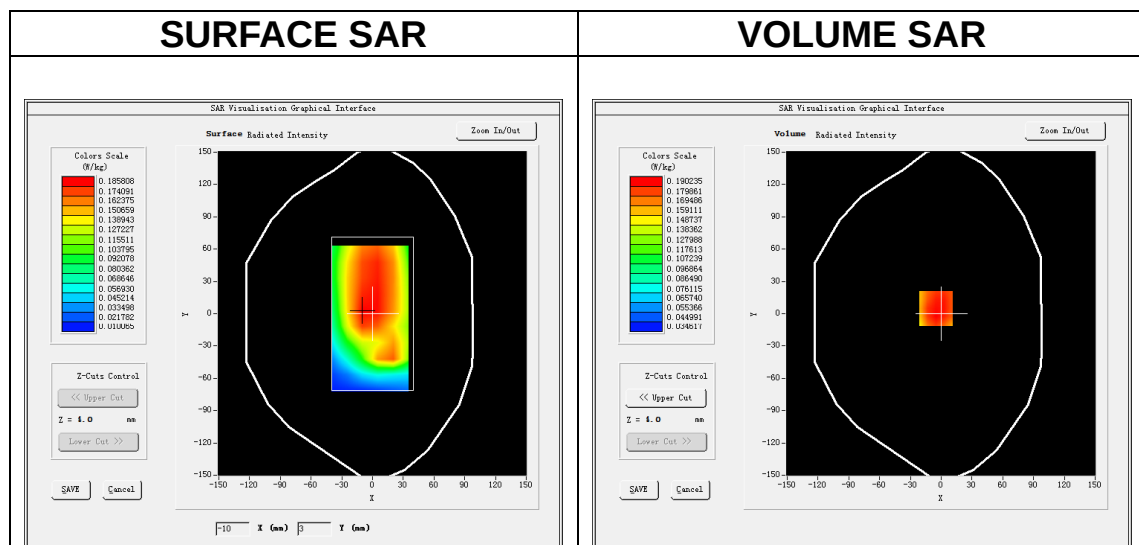
Date of measurement: 13/12/2024

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>Validation plane</u>
Device Position	<u>Body</u>
Band	<u>LTE band 12</u>
Channels	<u>Middle</u>
Signal	<u>LTE (Crest factor: 1.0)</u>
ConvF	<u>2.42</u>

B. SAR Measurement Results

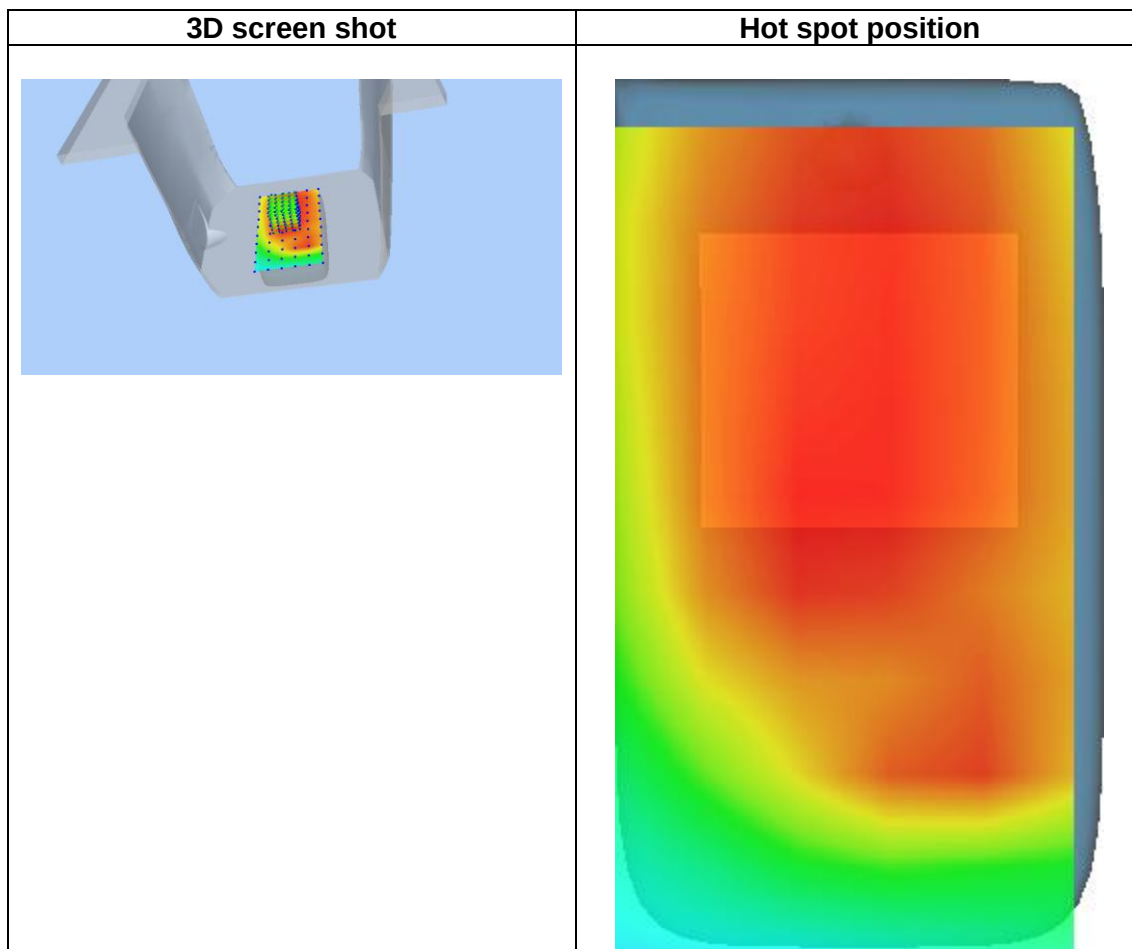
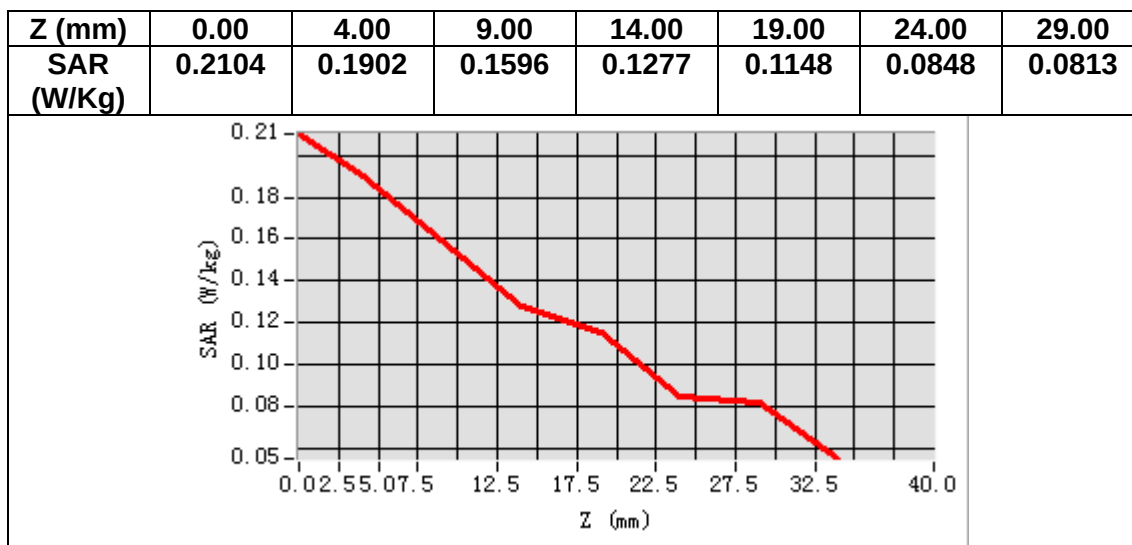
Frequency (MHz)	707.500000
Relative permittivity (real part)	41.314651
Relative permittivity (imaginary part)	21.860296
Conductivity (S/m)	0.859231
Variation (%)	0.010000



Maximum location: X=-5.00, Y=5.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.150191
SAR 1g (W/Kg)	0.185524



MEASUREMENT 37

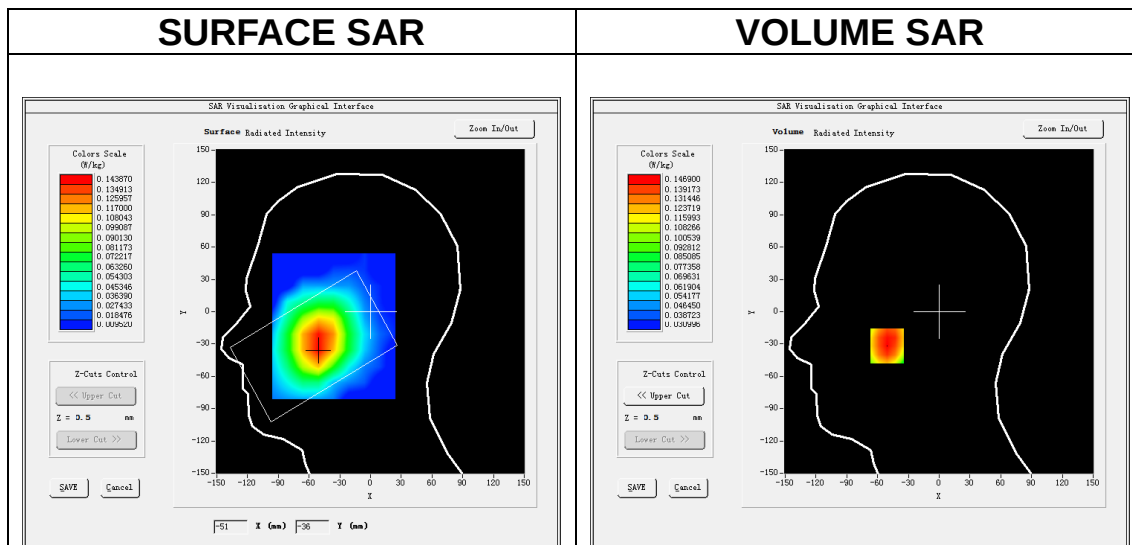
Date of measurement: 13/12/2024

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>LTE band 17</u>
Channels	<u>Middle</u>
Signal	<u>LTE (Crest factor: 1.0)</u>
ConvF	<u>2.42</u>

B. SAR Measurement Results

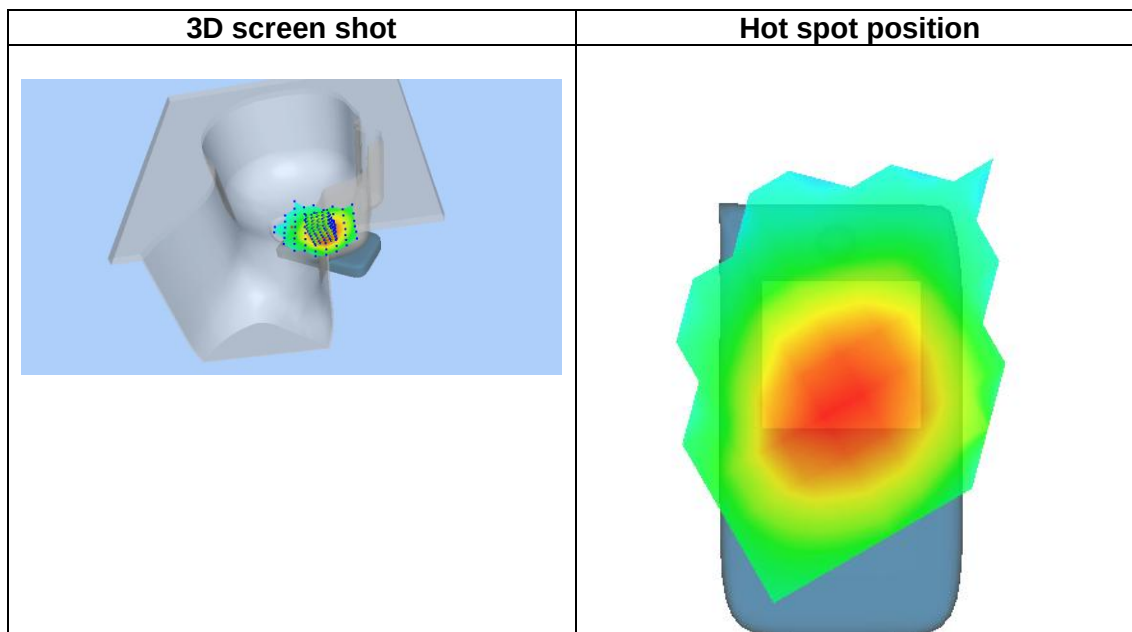
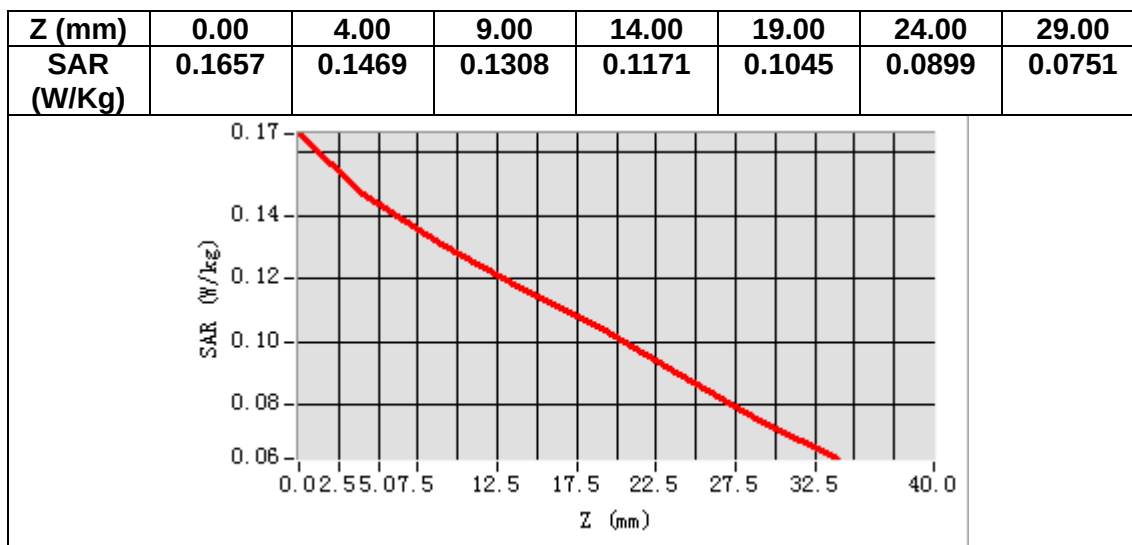
Frequency (MHz)	710.000000
Relative permittivity (real part)	41.299301
Relative permittivity (imaginary part)	21.800747
Conductivity (S/m)	0.859918
Variation (%)	-1.540000



Maximum location: X=-51.00, Y=-32.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.121966
SAR 1g (W/Kg)	0.145282



MEASUREMENT 38

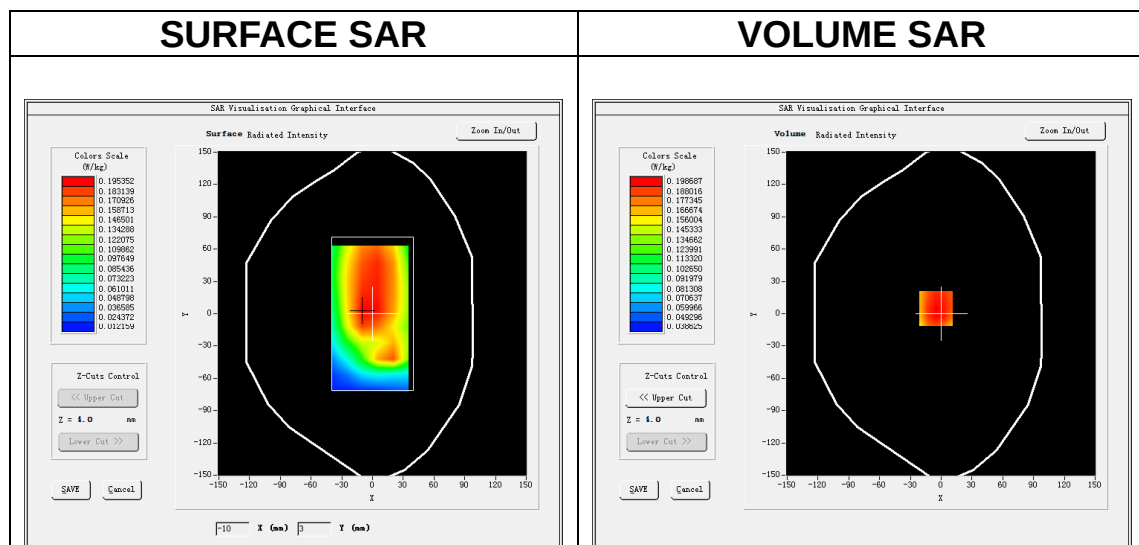
Date of measurement: 13/12/2024

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>LTE band 17</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.42</u>

B. SAR Measurement Results

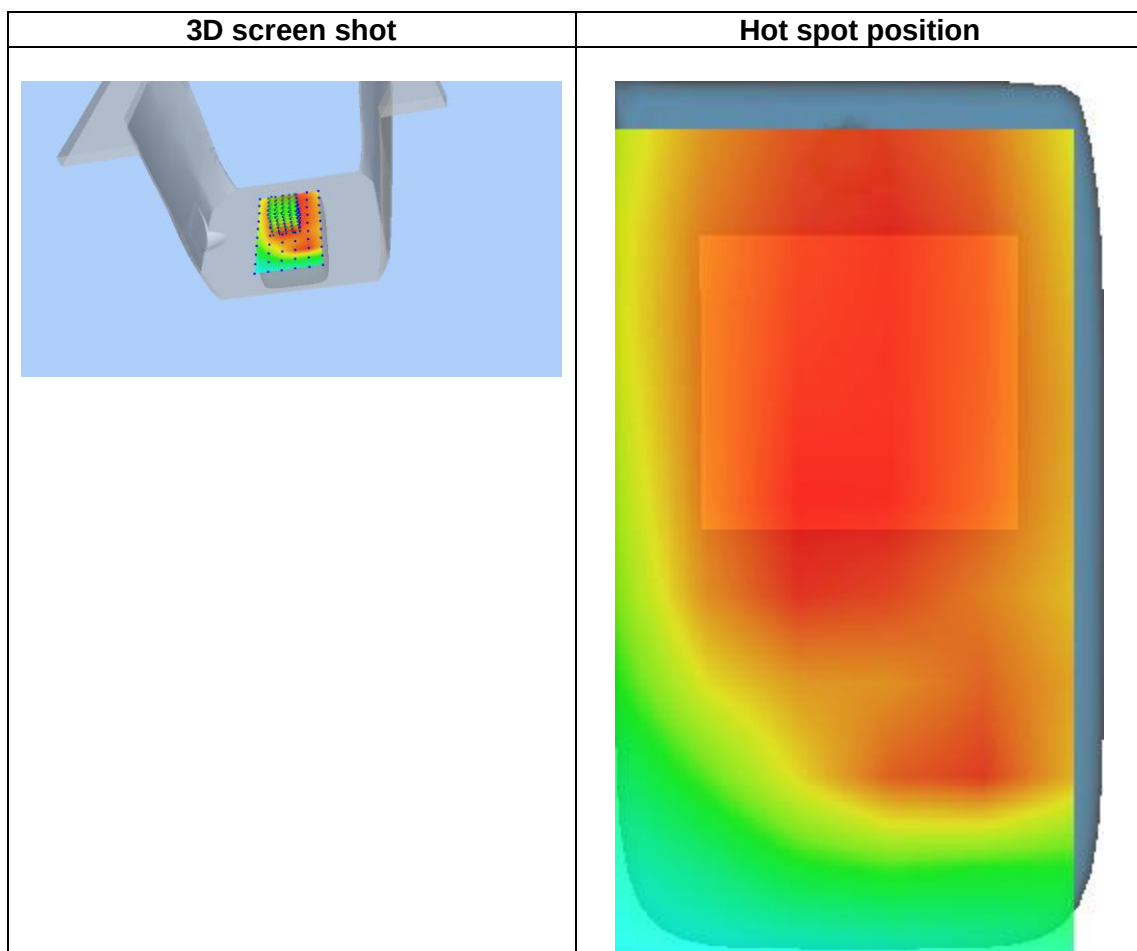
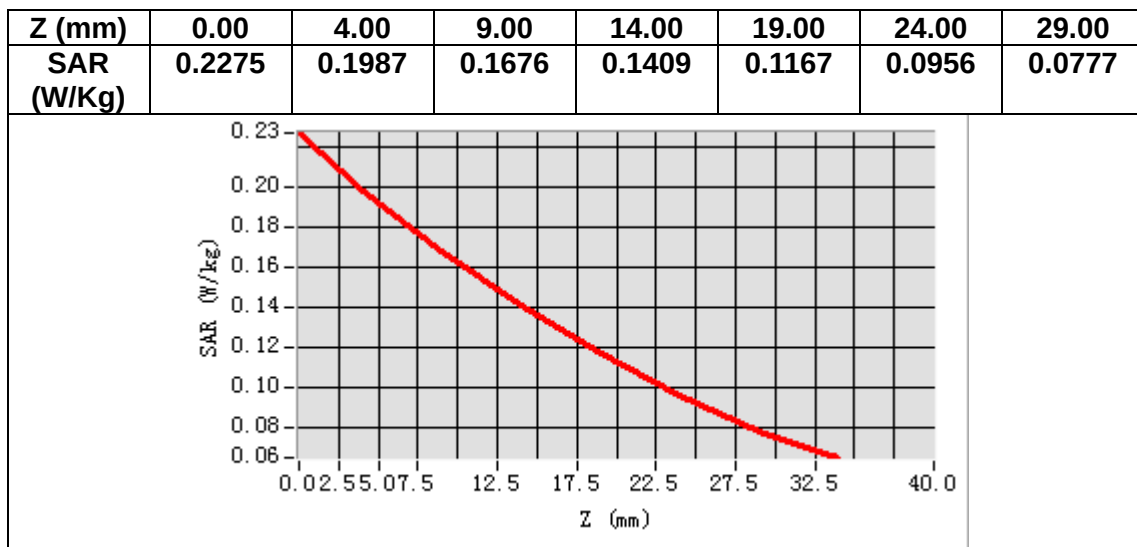
Frequency (MHz)	710.000000
Relative permittivity (real part)	41.299301
Relative permittivity (imaginary part)	21.800747
Conductivity (S/m)	0.859918
Variation (%)	-0.220000



Maximum location: X=-5.00, Y=5.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.157466
SAR 1g (W/Kg)	0.194949



MEASUREMENT 39

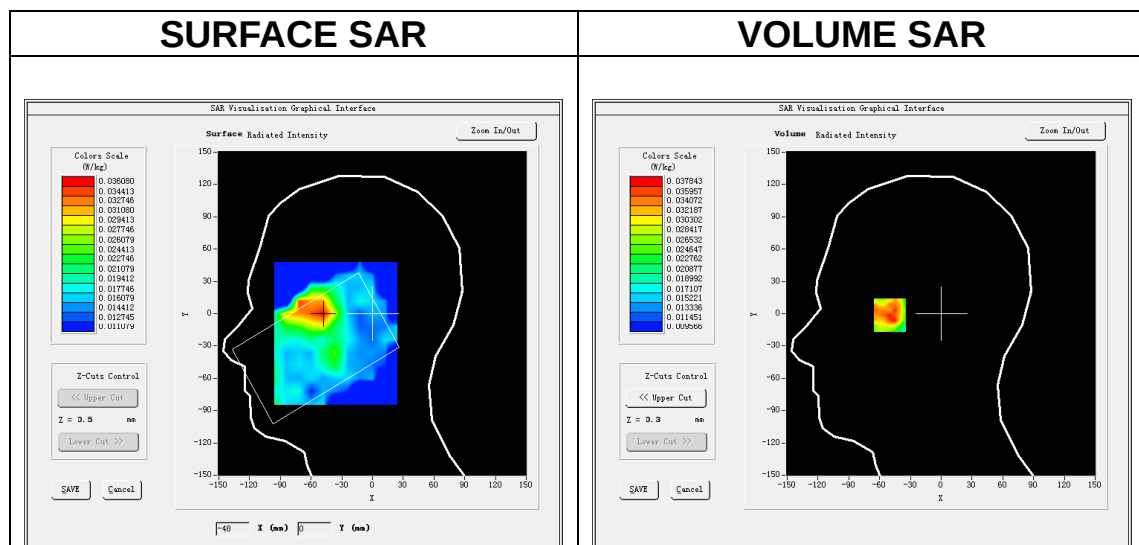
Date of measurement: 16/12/2024

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>LTE band 41</u>
Channels	<u>Middle</u>
Signal	<u>LTE (Crest factor: 1.6)</u>
ConvF	<u>2.51</u>

B. SAR Measurement Results

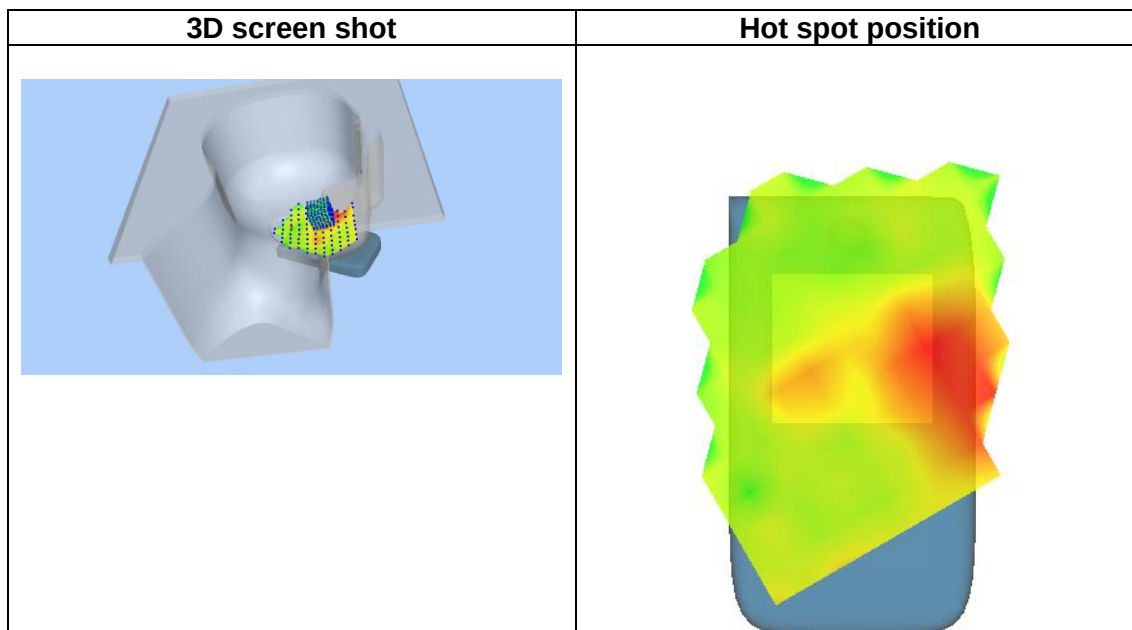
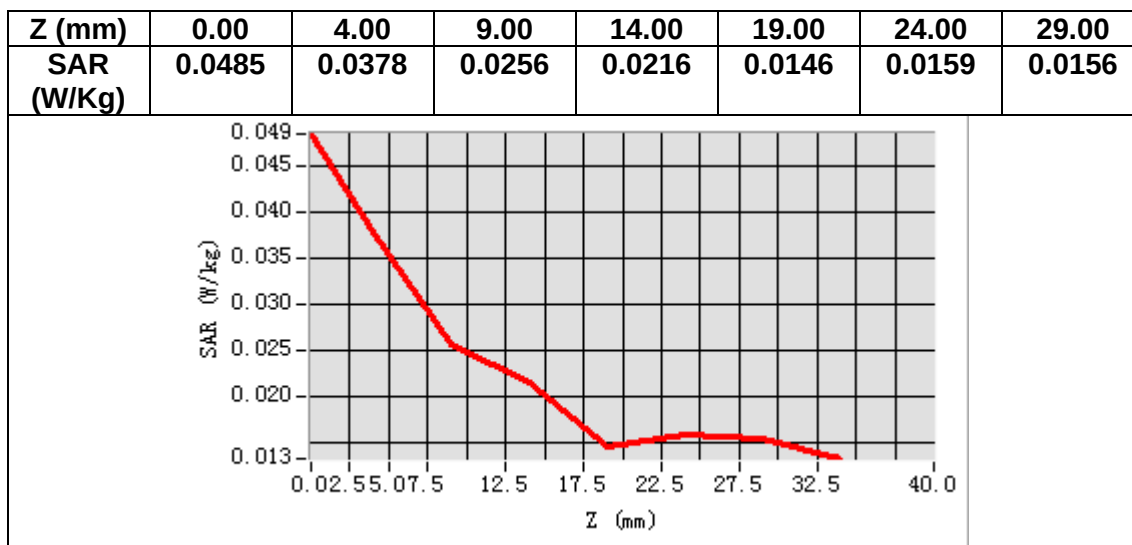
Frequency (MHz)	2593.000000
Relative permittivity (real part)	38.834721
Relative permittivity (imaginary part)	13.665514
Conductivity (S/m)	1.968593
Variation (%)	1.810000



Maximum location: X=-50.00, Y=1.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.024005
SAR 1g (W/Kg)	0.035741



MEASUREMENT 40

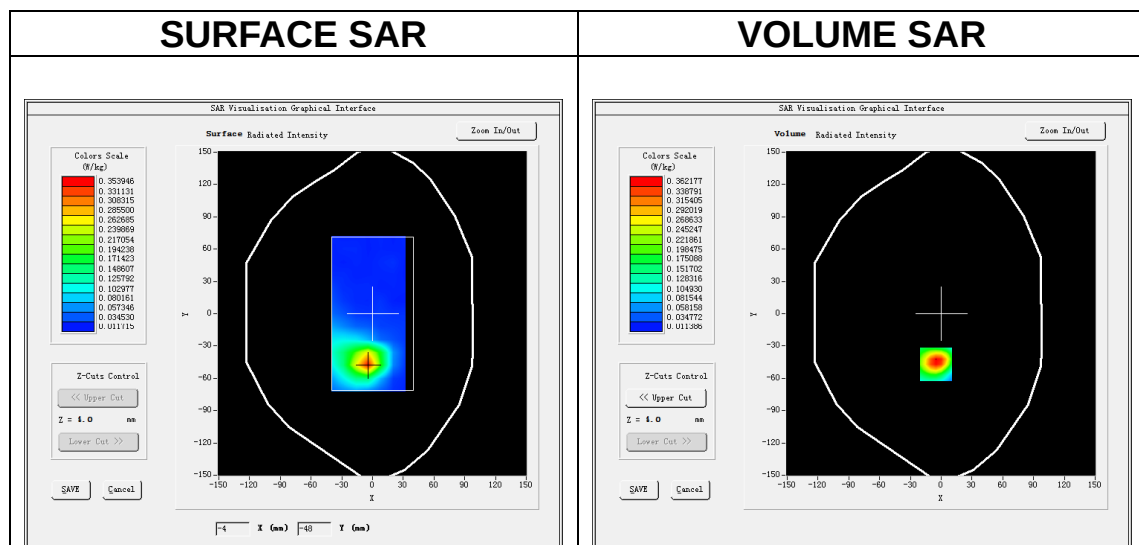
Date of measurement: 16/12/2024

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>LTE band 41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.6)</u>
<u>ConvF</u>	<u>2.51</u>

B. SAR Measurement Results

Frequency (MHz)	2593.000000
Relative permittivity (real part)	38.834721
Relative permittivity (imaginary part)	13.665514
Conductivity (S/m)	1.968593
Variation (%)	0.300000



Maximum location: X=-5.00, Y=-47.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.164970
SAR 1g (W/Kg)	0.344856