



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
LTE Band 2	20M	QPSK	1	99	Front side	1860	0.420	2.37	24.50	24.34	1.038	0.436	14
			50	0	Front side	1880	0.295	-0.67	22.00	21.88	1.028	0.303	/
			1	99	Back Side	1860	0.359	3.57	24.50	24.34	1.038	0.372	/
			50	0	Back Side	1880	0.254	-1.03	22.00	21.88	1.028	0.261	/
			1	99	Left Side	1860	0.140	-2.59	24.50	24.34	1.038	0.145	/
			50	0	Left Side	1880	0.101	-1.93	22.00	21.88	1.028	0.104	/
			1	99	Right Side	1860	0.310	-0.91	24.50	24.34	1.038	0.322	/
			50	0	Right Side	1880	0.219	-1.06	22.00	21.88	1.028	0.225	/
			1	99	Bottom Side	1860	0.279	-0.74	24.50	24.34	1.038	0.289	/
			50	0	Bottom Side	1880	0.198	-0.96	22.00	21.88	1.028	0.204	/
LTE Band 4	20M	QPSK	1	0	Front side	1720	0.904	0.80	24.30	24.05	1.059	0.958	16
			1	0	Front side	1732.5	0.815	0.68	22.80	22.54	1.062	0.865	/
			1	0	Front side	1745	0.872	-2.33	23.50	23.31	1.045	0.911	/
			50	0	Front side	1720	0.634	-1.06	22.00	21.80	1.047	0.664	/
			1	0	Back Side	1720	0.772	-0.06	24.30	24.05	1.059	0.818	/
			1	0	Back Side	1732.5	0.695	-3.65	22.80	22.54	1.062	0.738	/
			1	0	Back Side	1745	0.744	3.41	23.50	23.31	1.045	0.777	/
			50	0	Back Side	1720	0.543	0.84	22.00	21.80	1.047	0.569	/
			1	0	Left Side	1720	0.300	0.47	24.30	24.05	1.059	0.318	/
			50	0	Left Side	1720	0.210	-1.14	22.00	21.80	1.047	0.220	/
			1	0	Right Side	1720	0.671	0.45	24.30	24.05	1.059	0.711	/
			50	0	Right Side	1720	0.470	-2.41	22.00	21.80	1.047	0.492	/
			1	0	Bottom Side	1720	0.600	0.53	24.30	24.05	1.059	0.636	/
			50	0	Bottom Side	1720	0.423	0.18	22.00	21.80	1.047	0.443	/
LTE Band 5	10M	QPSK	1	0	Front side	844	0.515	2.02	24.80	24.53	1.064	0.548	/
			25	24	Front side	844	0.403	0.95	23.50	23.33	1.040	0.419	/
			1	0	Back Side	844	0.691	-2.39	24.80	24.53	1.064	0.735	/
			25	24	Back Side	844	0.543	-1.71	23.50	23.33	1.040	0.565	/
			1	0	Left Side	844	0.270	0.62	24.80	24.53	1.064	0.287	/



			25	24	Left Side	844	0.213	0.77	23.50	23.33	1.040	0.222	/
			1	0	Right Side	844	0.604	-0.78	24.80	24.53	1.064	0.643	/
			25	24	Right Side	844	0.473	0.88	23.50	23.33	1.040	0.492	/
			1	0	Bottom Side	829	0.790	-2.75	24.00	23.87	1.030	0.814	/
			1	0	Bottom Side	836.5	0.751	-1.25	24.00	23.78	1.052	0.790	/
			1	0	Bottom Side	844	0.812	-2.85	24.80	24.53	1.064	0.864	18
			25	24	Bottom Side	844	0.634	3.68	23.50	23.33	1.040	0.659	/
LTE Band 7	20M	QPSK	1	99	Front side	2510	1.022	-2.16	24.30	24.19	1.026	1.048	20
			1	99	Front side	2535	0.900	3.81	22.70	22.52	1.042	0.938	/
			1	99	Front side	2560	0.943	1.40	23.50	23.35	1.035	0.976	/
			50	49	Front side	2510	0.715	-0.12	21.70	21.50	1.047	0.749	/
			1	99	Back Side	2510	0.873	3.90	24.30	24.19	1.026	0.895	/
			1	99	Back Side	2535	0.769	1.72	22.70	22.52	1.042	0.802	/
			1	99	Back Side	2560	0.807	-1.70	23.50	23.35	1.035	0.835	/
			50	49	Back Side	2510	0.613	3.65	21.70	21.50	1.047	0.642	/
			1	99	Left Side	2510	0.338	2.44	24.30	24.19	1.026	0.347	/
			50	49	Left Side	2510	0.236	-2.09	21.70	21.50	1.047	0.247	/
			1	99	Right Side	2510	0.761	-0.21	24.30	24.19	1.026	0.781	/
			50	49	Right Side	2510	0.532	-1.30	21.70	21.50	1.047	0.557	/
			1	99	Bottom Side	2510	0.677	3.36	24.30	24.19	1.026	0.694	/
			50	49	Bottom Side	2510	0.475	-1.71	21.70	21.50	1.047	0.497	/
LTE Band 12	10M	QPSK	1	49	Front side	704	0.134	2.82	24.50	24.32	1.042	0.140	/
			25	24	Front side	707.5	0.092	3.26	22.20	22.00	1.047	0.096	/
			1	49	Back Side	704	0.182	-1.74	24.50	24.32	1.042	0.190	/
			25	24	Back Side	707.5	0.129	2.05	22.20	22.00	1.047	0.135	/
			1	49	Left Side	704	0.070	3.76	24.50	24.32	1.042	0.073	/
			25	24	Left Side	707.5	0.050	-2.31	22.20	22.00	1.047	0.052	/
			1	49	Right Side	704	0.159	-1.55	24.50	24.32	1.042	0.166	/
			25	24	Right Side	707.5	0.114	-2.90	22.20	22.00	1.047	0.119	/
			1	49	Bottom Side	704	0.211	0.49	24.50	24.32	1.042	0.220	22



			25	24	Bottom Side	707.5	0.148	-3.04	22.20	22.00	1.047	0.155	/
LTE Band 17	10M	QPSK	1	24	Front side	709	0.148	-2.77	24.50	24.30	1.047	0.155	/
			25	24	Front side	710	0.111	-2.94	22.20	21.98	1.052	0.117	/
			1	24	Back Side	709	0.194	-3.59	24.50	24.30	1.047	0.203	/
			25	24	Back Side	710	0.145	3.86	22.20	21.98	1.052	0.153	/
			1	24	Left Side	709	0.079	-1.26	24.50	24.30	1.047	0.083	/
			25	24	Left Side	710	0.060	-0.36	22.20	21.98	1.052	0.063	/
			1	24	Right Side	709	0.173	3.26	24.50	24.30	1.047	0.181	/
			25	24	Right Side	710	0.132	-1.14	22.20	21.98	1.052	0.139	/
			1	24	Bottom Side	709	0.229	-0.24	24.50	24.30	1.047	0.240	24
			25	24	Bottom Side	710	0.170	0.11	22.20	21.98	1.052	0.179	/
LTE Band 26	10M	QPSK	1	24	Front side	819	0.427	-2.82	24.50	24.29	1.050	0.448	/
			36	24	Front side	819	0.298	3.91	21.80	21.58	1.052	0.313	/
			1	24	Back Side	819	0.574	3.38	24.50	24.29	1.050	0.602	/
			36	24	Back Side	819	0.405	1.27	21.80	21.58	1.052	0.426	/
			1	24	Left Side	819	0.224	2.97	24.50	24.29	1.050	0.235	/
			36	24	Left Side	819	0.155	-2.45	21.80	21.58	1.052	0.163	/
			1	24	Right Side	819	0.504	-2.85	24.50	24.29	1.050	0.529	/
			36	24	Right Side	819	0.352	3.72	21.80	21.58	1.052	0.370	/
			1	24	Bottom Side	819	0.676	-2.13	24.50	24.29	1.050	0.709	26
			36	24	Bottom Side	819	0.472	-3.44	21.80	21.58	1.052	0.497	/
LTE Band 38	20M	QPSK	1	74	Front side	2580	0.238	2.16	24.20	23.94	1.062	0.253	28
			50	39	Front side	2610	0.185	-3.96	23.00	22.80	1.047	0.194	/
			1	74	Back Side	2580	0.207	2.55	24.20	23.94	1.062	0.220	/
			50	39	Back Side	2610	0.164	-0.18	23.00	22.80	1.047	0.172	/
			1	74	Left Side	2580	0.082	1.07	24.20	23.94	1.062	0.087	/
			50	39	Left Side	2610	0.066	1.74	23.00	22.80	1.047	0.069	/
			1	74	Right Side	2580	0.177	3.99	24.20	23.94	1.062	0.188	/
			50	39	Right Side	2610	0.137	-1.39	23.00	22.80	1.047	0.143	/
			1	74	Bottom Side	2580	0.158	-3.37	24.20	23.94	1.062	0.168	/
			50	39	Bottom Side	2610	0.123	-3.65	23.00	22.80	1.047	0.129	/



					m Side								
LTE Band 40	10M	QPS K	1	49	Front side	2310	0.169	-1.64	24.00	23.73	1.064	0.180	30
			50	24	Front side	2310	0.135	-0.69	23.00	22.63	1.089	0.147	/
			1	49	Back Side	2310	0.145	1.10	24.00	23.73	1.064	0.154	/
			50	24	Back Side	2310	0.115	-0.36	23.00	22.63	1.089	0.125	/
			1	49	Left Side	2310	0.055	0.83	24.00	23.73	1.064	0.059	/
			50	24	Left Side	2310	0.042	2.86	23.00	22.63	1.089	0.046	/
			1	49	Right Side	2310	0.126	2.44	24.00	23.73	1.064	0.134	/
			50	24	Right Side	2310	0.101	1.18	23.00	22.63	1.089	0.110	/
			1	49	Botto m Side	2310	0.113	-1.29	24.00	23.73	1.064	0.120	/
			50	24	Botto m Side	2310	0.088	-1.69	23.00	22.63	1.089	0.096	/
LTE Band 41	20M	QPS K	1	49	Front side	2680	0.224	-1.62	24.00	23.80	1.047	0.235	32
			50	24	Front side	2680	0.174	-2.64	23.00	22.69	1.074	0.187	/
			1	49	Back Side	2680	0.194	1.29	24.00	23.80	1.047	0.203	/
			50	24	Back Side	2680	0.151	-3.50	23.00	22.69	1.074	0.162	/
			1	49	Left Side	2680	0.078	1.05	24.00	23.80	1.047	0.082	/
			50	24	Left Side	2680	0.060	0.24	23.00	22.69	1.074	0.064	/
			1	49	Right Side	2680	0.165	-2.04	24.00	23.80	1.047	0.173	/
			50	24	Right Side	2680	0.131	-2.23	23.00	22.69	1.074	0.141	/
			1	49	Botto m Side	2680	0.152	1.32	24.00	23.80	1.047	0.159	/
			50	24	Botto m Side	2680	0.120	1.81	23.00	22.69	1.074	0.129	/
LTE Band 66	20M	QPS K	1	0	Front side	1720	0.931	3.51	24.30	24.09	1.050	0.977	34
			1	0	Front side	1745	0.812	1.02	23.00	22.78	1.052	0.854	/
			1	0	Front side	1770	0.868	-3.13	23.70	23.50	1.047	0.909	/
			50	0	Front side	1770	0.654	3.98	22.00	21.80	1.047	0.685	/
			1	0	Back Side	1720	0.792	0.23	24.30	24.09	1.050	0.831	/
			1	0	Back Side	1745	0.692	-3.39	23.00	22.78	1.052	0.728	/
			1	0	Back Side	1770	0.741	-1.96	23.70	23.50	1.047	0.776	/
			50	0	Back Side	1770	0.555	-3.26	22.00	21.80	1.047	0.581	/
			1	0	Left Side	1720	0.307	0.67	24.30	24.09	1.050	0.322	/
			50	0	Left Side	1770	0.215	1.21	22.00	21.80	1.047	0.225	/
			1	0	Right	1720	0.693	3.28	24.30	24.09	1.050	0.727	/



					Side								
			50	0	Right Side	1770	0.486	-0.26	22.00	21.80	1.047	0.509	/
			1	0	Bottom Side	1720	0.616	-2.58	24.30	24.09	1.050	0.647	/
			50	0	Bottom Side	1770	0.430	2.29	22.00	21.80	1.047	0.450	/

Note:

1. The test separation of all above table is 10mm.
2. Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor
3. When the user enables the personal Wireless router functions for the handsets, actual operations include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The "Portable Hotspot" feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.



12.3 Repeated SAR

Band	Mode	Test Position	Ch.	Result 1g (W/Kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR(W/Kg)
GSM 850	GPRS Data-4 Slot	Right Cheek	824.2	0.786	-2.68	34.00	33.73	1.064	0.836
		Right Cheek	836.6	0.732	1.90	33.50	33.28	1.052	0.770
		Back Side	824.2	0.827	2.04	30.50	30.24	1.062	0.878
		Back Side	836.6	0.761	-0.64	30.00	29.78	1.052	0.801
		Bottom Side	824.2	0.967	2.00	30.50	30.24	1.062	1.027
		Bottom Side	836.6	0.879	-0.93	30.00	29.78	1.052	0.925
		Bottom Side	848.8	0.831	3.31	29.50	29.45	1.012	0.841
PCS 1900	GPRS Data-4 Slot	Front Side	1850.2	0.826	0.10	31.00	30.04	1.247	1.030
		Front Side	1880	0.886	0.78	30.20	30.05	1.035	0.917
		Front Side	1909.8	0.873	-2.38	30.20	30.04	1.038	0.906
		Back Side	1880	0.753	-1.24	30.20	30.05	1.035	0.779
WCDMA Band II	RMC	Front Side	1880	0.815	0.48	24.20	23.96	1.057	0.861
		Front Side	1907.6	0.749	3.69	24.00	23.71	1.069	0.801
WCDMA Band IV	RMC	Front Side	1712.6	0.858	3.17	24.20	23.95	1.059	0.909
		Front Side	1740	0.802	3.28	23.80	23.56	1.057	0.848
		Front Side	1752.4	0.766	0.39	23.50	23.45	1.012	0.775

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR(W/Kg)
LTE Band 4	20M	QPSK	1	0	Front side	1720	0.888	1.78	24.30	24.05	1.059	0.941
			1	0	Front side	1732.5	0.811	-0.68	22.80	22.54	1.062	0.861
			1	0	Front side	1745	0.839	-0.26	23.50	23.31	1.045	0.877
			1	0	Back Side	1720	0.746	2.82	24.30	24.05	1.059	0.790
LTE Band 5	20M	QPSK	1	0	Bottom Side	829	0.774	3.75	24.00	23.87	1.030	0.798
			1	0	Bottom Side	844	0.789	-0.75	24.80	24.53	1.064	0.840
LTE Band 7	20M	QPSK	1	99	Front side	2510	1.018	1.10	24.30	24.19	1.026	1.044
			1	99	Front side	2535	0.857	2.99	22.70	22.52	1.042	0.893
			1	99	Front side	2560	0.935	-1.43	23.50	23.35	1.035	0.968
			1	99	Back Side	2510	0.840	-0.57	24.30	24.19	1.026	0.862
			1	99	Back Side	2535	0.749	2.09	22.70	22.52	1.042	0.781
			1	99	Back Side	2560	0.789	-2.88	23.50	23.35	1.035	0.817
LTE Band 66	20M	QPSK	1	0	Right Cheek	1720	1.062	-0.64	24.30	24.09	1.050	1.115
			1	0	Right Cheek	1745	0.862	1.54	23.00	22.78	1.052	0.907



			1	0	Right Cheek	1770	0.919	0.95	23.70	23.50	1.047	0.962
			1	0	Right Tilt	1720	0.898	3.29	24.30	24.09	1.050	0.942
			1	0	Right Tilt	1745	0.786	0.09	23.00	22.78	1.052	0.827
			1	0	Right Tilt	1770	0.835	-3.22	23.70	23.50	1.047	0.874
			1	0	Front side	1720	0.888	3.06	24.30	24.09	1.050	0.932
			1	0	Front side	1745	0.772	-0.33	23.00	22.78	1.052	0.812
			1	0	Front side	1770	0.831	2.20	23.70	23.50	1.047	0.870
			1	0	Back Side	1720	0.772	-2.44	24.30	24.09	1.050	0.810

Band	Mode	Test Position	Ch.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
GSM 850	GPRS Data-4 Slot	Right Cheek	824.2	0.813	0.786	1.034
		Right Cheek	836.6	0.765	0.732	1.044
		Back Side	824.2	0.828	0.827	1.001
		Back Side	836.6	0.771	0.761	1.013
		Bottom Side	824.2	0.972	0.967	1.005
		Bottom Side	836.6	0.903	0.879	1.028
		Bottom Side	848.8	0.866	0.831	1.043
PCS 1900	GPRS Data-4 Slot	Front Side	1850	0.853	0.826	1.032
		Front Side	1880	0.914	0.886	1.031
		Front Side	1910	0.877	0.873	1.004
		Back Side	1880	0.777	0.753	1.032
WCDMA Band II	RMC	Front Side	1880	0.832	0.815	1.021
		Front Side	1908	0.765	0.749	1.021
WCDMA Band IV	RMC	Front Side	1713	0.877	0.858	1.022
		Front Side	1740	0.813	0.802	1.013
		Front Side	1752	0.794	0.766	1.037

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
LTE Band 4	20M	QPSK	1	0	Front side	1720	0.904	0.888	1.018
			1	0	Front side	1732.5	0.815	0.811	1.005
			1	0	Front side	1745	0.872	0.839	1.039
			1	0	Back Side	1720	0.772	0.746	1.034
LTE Band 5	20M	QPSK	1	0	Bottom Side	829	0.790	0.774	1.021
			1	0	Bottom Side	844	0.812	0.789	1.029
LTE Band 7	20M	QPSK	1	99	Front side	2510	1.022	1.018	1.004
			1	99	Front side	2535	0.900	0.857	1.050
			1	99	Front side	2560	0.943	0.935	1.008
			1	99	Back Side	2510	0.873	0.840	1.039
			1	99	Back Side	2535	0.769	0.749	1.026
			1	99	Back Side	2560	0.807	0.789	1.023
LTE Band 66	20M	QPSK	1	0	Right Cheek	1720	1.086	1.062	1.022
			1	0	Right Cheek	1745	0.890	0.862	1.032
			1	0	Right Cheek	1770	0.932	0.919	1.014



			1	0	Right Tilt	1720	0.923	0.898	1.028
			1	0	Right Tilt	1745	0.803	0.786	1.022
			1	0	Right Tilt	1770	0.851	0.835	1.019
			1	0	Front side	1720	0.931	0.888	1.048
			1	0	Front side	1745	0.812	0.772	1.051
			1	0	Front side	1770	0.868	0.831	1.045
			1	0	Back Side	1720	0.792	0.772	1.025

Note:

1. Per KDB 865664 D01,for each frequency band ,repeated SAR measurement is required only when the measured SAR is $\geq 0.8\text{W/Kg}$.
2. Per KDB 865664 D01,if the ratio of largest to smallest SAR for the original and first repeated measurement is ≤ 1.2 and the measured SAR $< 1.45\text{W/Kg}$, only one repeated measurement is required.
3. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is $\geq 1.45\text{W/Kg}$.
4. The ratio is the difference in percentage between original and repeated measured SAR.



12.4 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Head	1. GSM + 2.4GHz WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN
	6. LTE + Bluetooth
Body	1. GSM + 2.4GHz WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN
	6. LTE + Bluetooth

NOTE:

1. Bluetooth and WLAN can't simultaneous transmission at the same time.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
3. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:
 - a) $(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f \text{ (GHz)}} / x] \text{ W/kg}$ for test separation distances $\leq 50 \text{ mm}$;
Where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.
 - b) 0.4 W/Kg for 1-g SAR and 1.0 W/Kg for 10-g SAR, when the separation distance is $>50 \text{ mm}$.



Estimated SAR		Maximum Turn-up Power		Antenna to user(mm)	Frequency(GHz)	Stand Alone SAR(1g) [W/kg]
		dBm	mW			
BT	Head	6	3.981	5	2.44	0.166
	Body			5	2.44	0.166

Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN + NFC	Head	GSM	0.865	1.292
		2.4G WLAN	0.427	
	Body	GSM	0.946	1.050
		2.4G WLAN	0.104	
GSM + Bluetooth+ NFC	Head	GSM	0.865	1.031
		BT	0.166	
	Body	GSM	0.946	1.112
		BT	0.166	
WCDMA + 2.4G WLAN + NFC	Head	WCDMA	0.630	1.057
		2.4G WLAN	0.427	
	Body	WCDMA	0.929	1.033
		2.4G WLAN	0.104	
WCDMA + Bluetooth+ NFC	Head	WCDMA	0.630	0.796
		BT	0.166	
	Body	WCDMA	0.929	1.095
		BT	0.166	
LTE + 2.4G WLAN + NFC	Head	LTE	1.140	1.567
		2.4G WLAN	0.427	
	Body	LTE	1.048	1.152
		2.4G WLAN	0.104	
LTE + Bluetooth+ NFC	Head	LTE	1.140	1.306
		BT	0.166	
	Body	LTE	1.048	1.214
		BT	0.166	

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.

When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR-1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR-1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.



13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
750MHz Dipole	MVG	DIP0G750	SN 06/22 DIP0G750-638	2025.05.20	2028.05.19
835MHz Dipole	MVG	DIP0G835	SN 06/22 DIP0G835-639	2025.05.20	2028.05.19
1800MHz Dipole	MVG	DIP1G800	SN 06/22 DIP1G800-640	2025.05.20	2028.05.19
1900MHz Dipole	MVG	DIP1G900	SN 06/22 DIP1G900-641	2025.05.20	2028.05.19
2300MHz Dipole	MVG	DIP2G300	SN 06/22 DIP2G100-644	2025.05.20	2028.05.19
2450MHz Dipole	MVG	DIP2G450	SN 06/22 DIP2G450-645	2025.05.20	2028.05.19
2600MHz Dipole	MVG	DIP2G600	SN 06/22 DIP2G600-646	2025.05.20	2028.05.19
E-Field Probe	MVG	SSE2	2225-EPGO-450	2025.06.06	2026.06.05
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2025.06.02	2026.06.01
Antenna	MVG	ANTA 73	SN 06/22 ANTA 73	N/A	N/A
Ellipsoid Phantom	MVG	ELLI 51	SN 06/22 ELLI 51	N/A	N/A
Phantom	MVG	SAM 148	SN 06/22 SAM148	N/A	N/A
Phone holder	MVG	MSH 117	SN 06/22 MSH 117	N/A	N/A
Laptop positioner	MVG	LSH 36	SN 06/22 LSH 38	N/A	N/A
Directional coupler	SHW	SHWDCP	202203280013	N/A	N/A
Network Analyzer	ZVL	R&S	116184	2025.03.05	2026.03.04
Multi Meter	DMM6500	Keithley	4527252	2025.03.06	2026.03.05
Signal Generator	Keysight	N5182B	MY59100717	2025.03.05	2026.03.04
Wireless Communication Test Set	R&S	CMW500	137737	2025.03.05	2026.03.04
Power Sensor	R&S	Z11	116184	2025.03.05	2026.03.04
Electronic Temperature hygrometer	N/A	ST-W2318	N/A	2025.03.05	2026.03.04
Temperature hygrometer	N/A	TP101	N/A	2025.03.05	2026.03.04



Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

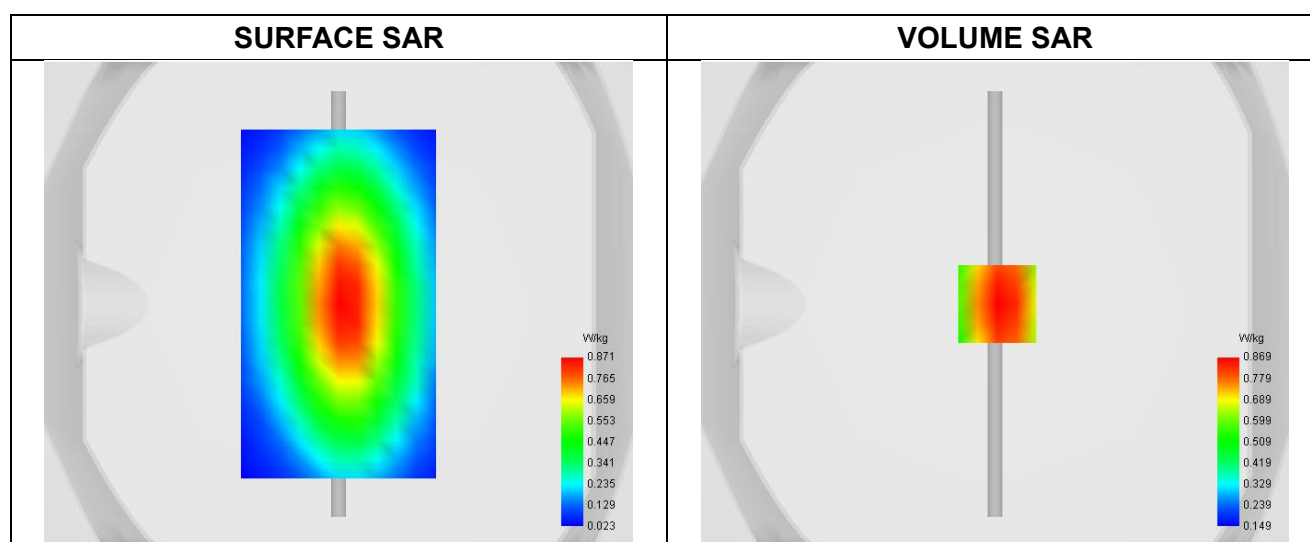
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-18

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	41.93
Conductivity (S/m)	0.87
Probe	2225-EPGO-450
ConvF	1.08
Crest factor:	1:1

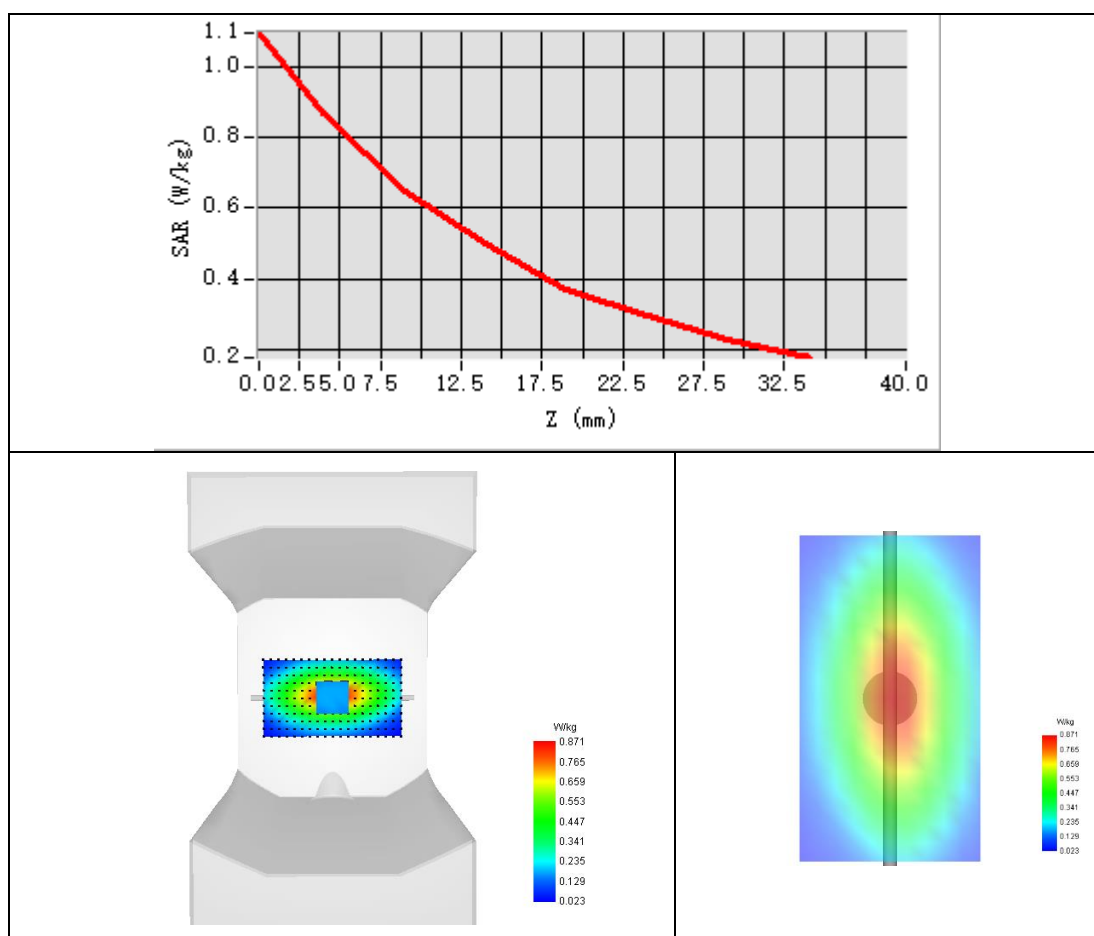


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.562
SAR 1g (W/Kg)	0.885



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

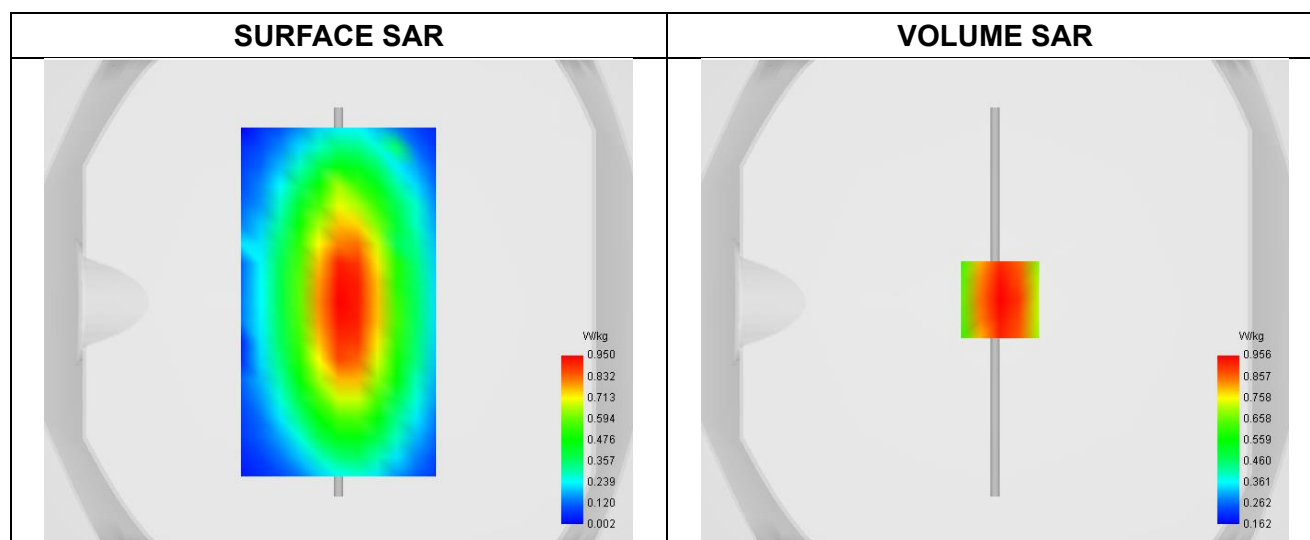
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-12

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	40.82
Conductivity (S/m)	0.92
Probe	2225-EPGO-450
ConvF	1.02
Crest factor:	1:1

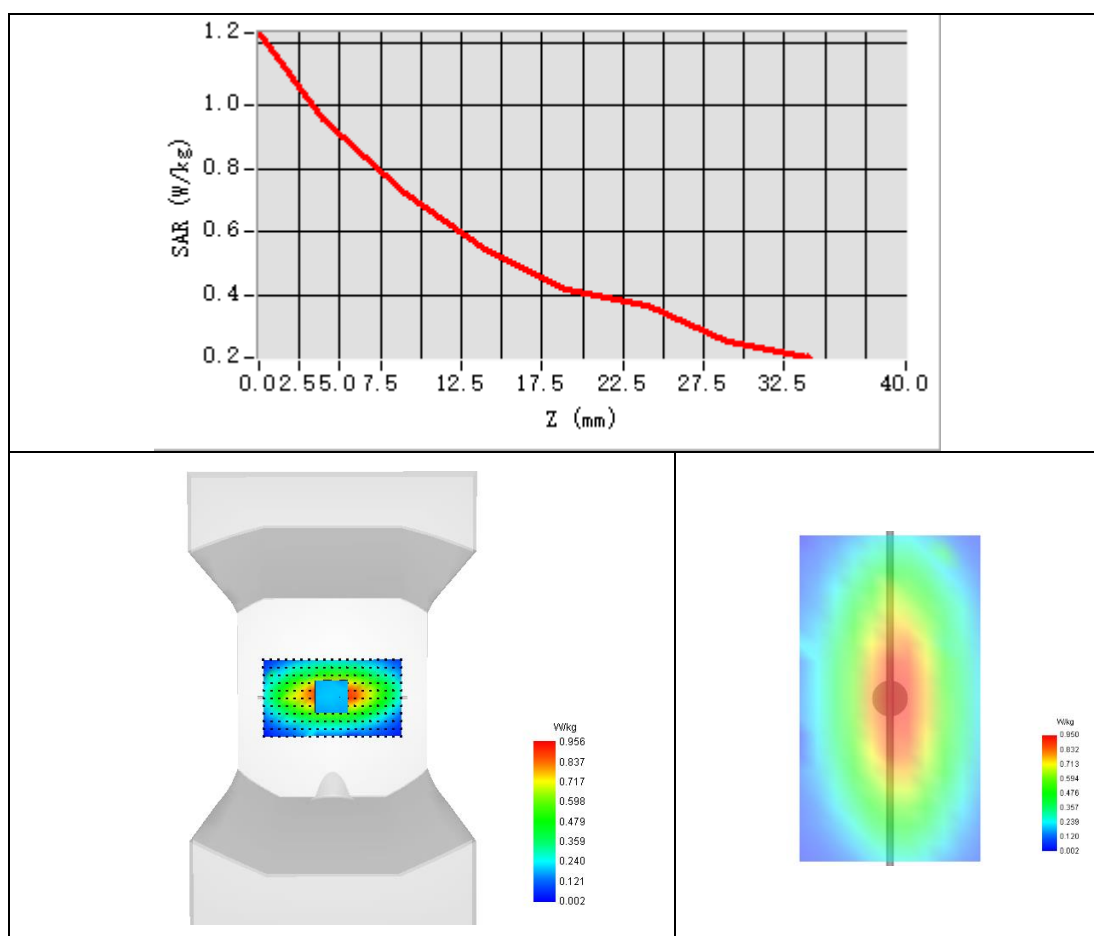


Maximum location: X=2.00, Y=1.00 ; SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.623
SAR 1g (W/Kg)	0.959



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

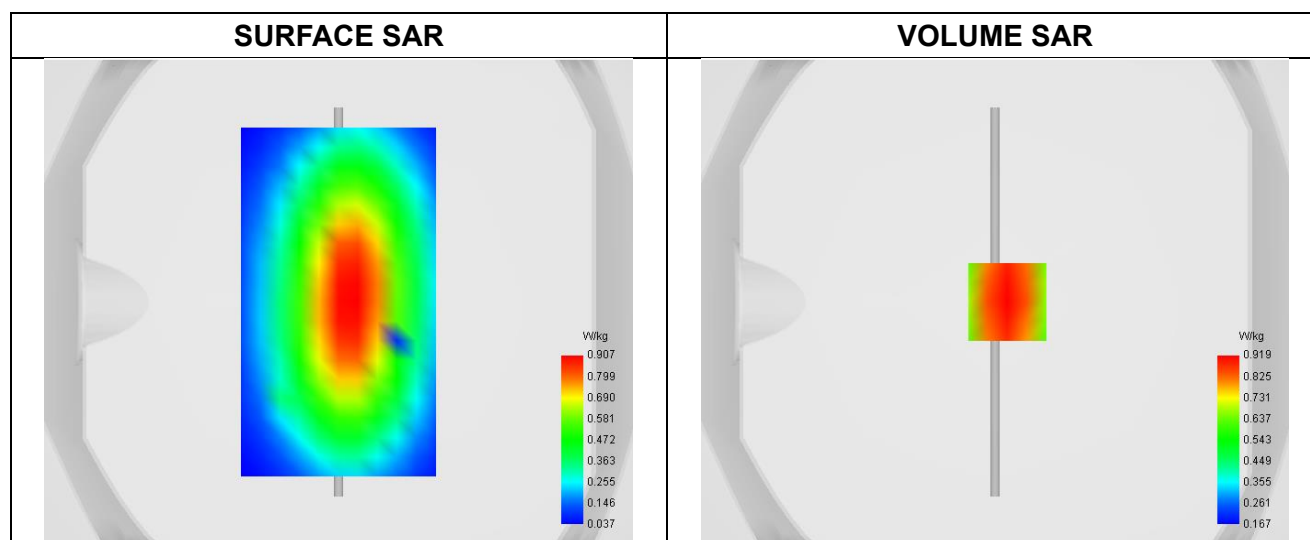
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-13

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	42.21
Conductivity (S/m)	0.89
Probe	2225-EPGO-450
ConvF	1.02
Crest factor:	1:1

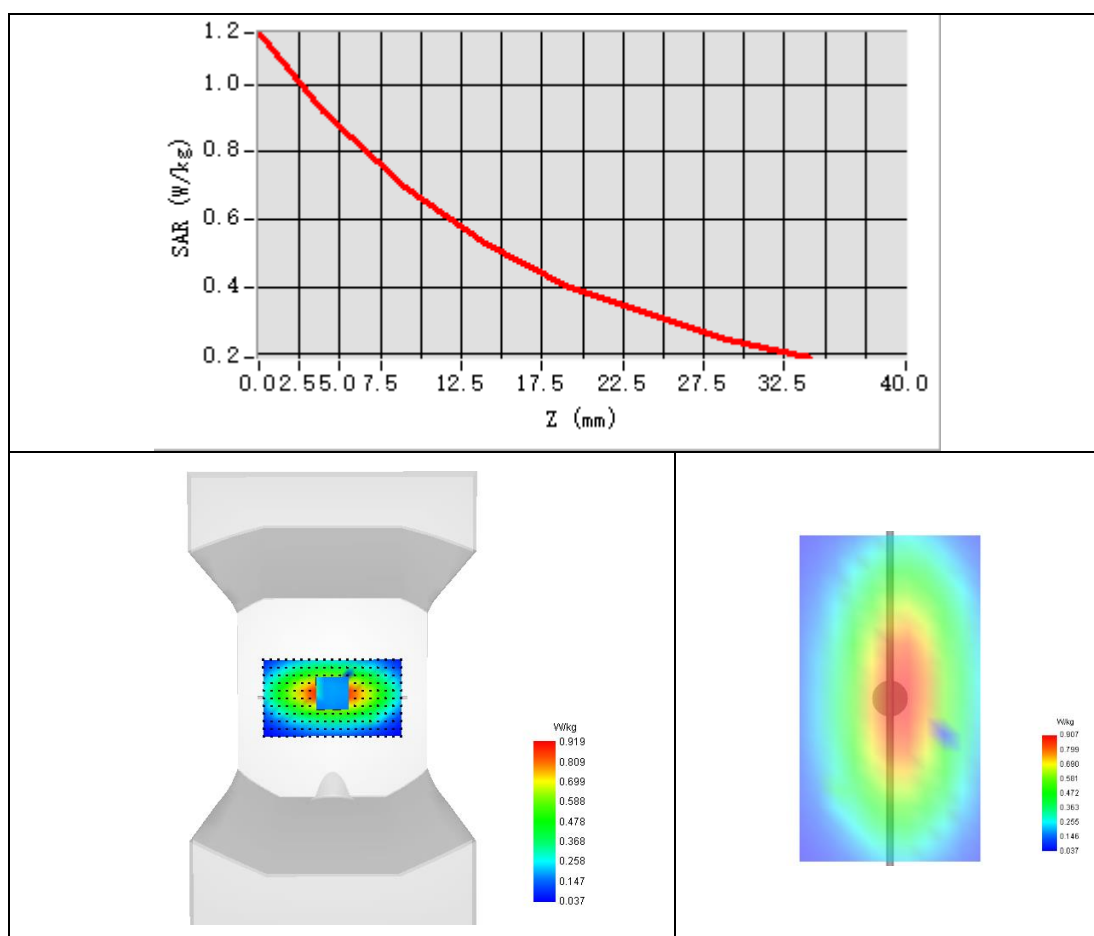


Maximum location: X=5.00, Y=0.00 ; SAR Peak: 1.15 W/kg

SAR 10g (W/Kg)	0.591
SAR 1g (W/Kg)	0.981



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

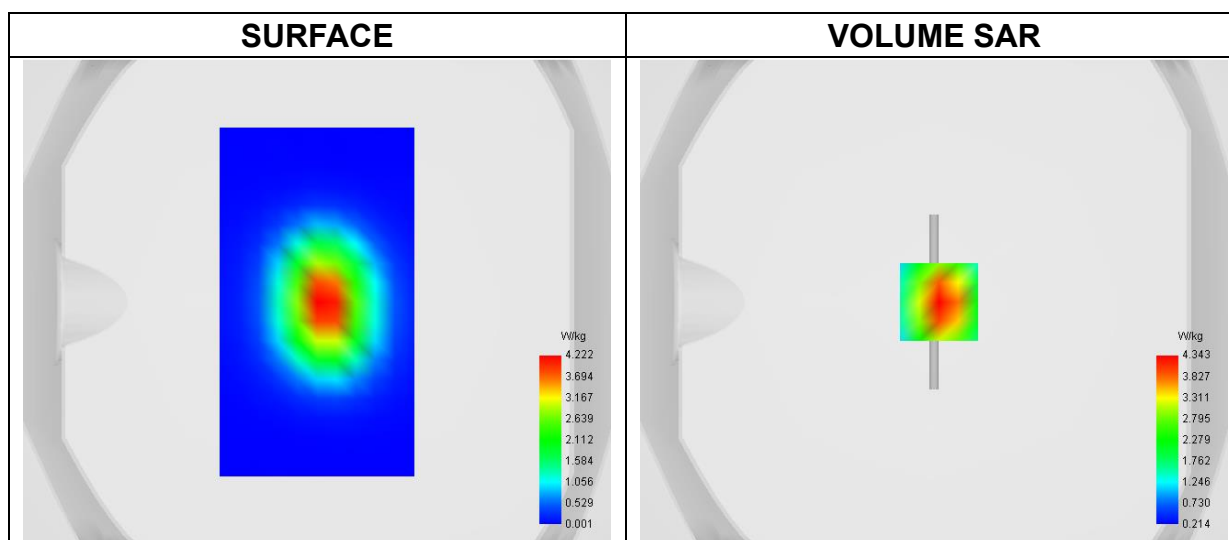
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-14

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	41.09
Conductivity (S/m)	1.46
Probe	2225-EPGO-450
ConvF	1.21
Crest factor:	1:1

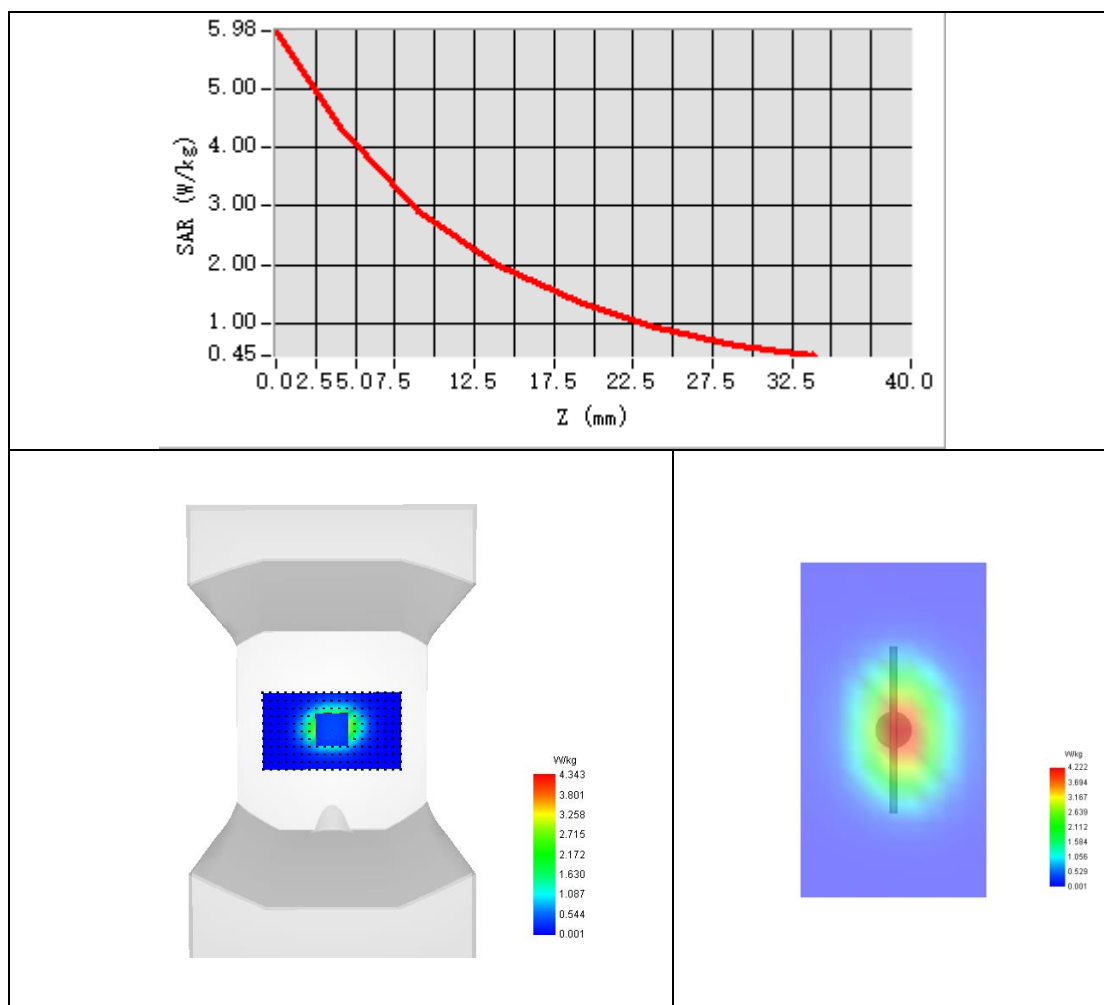


Maximum location: X=2.00, Y=0.00 ; SAR Peak: 6.03 W/kg

SAR 10g (W/Kg)	1.944
SAR 1g (W/Kg)	3.686



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

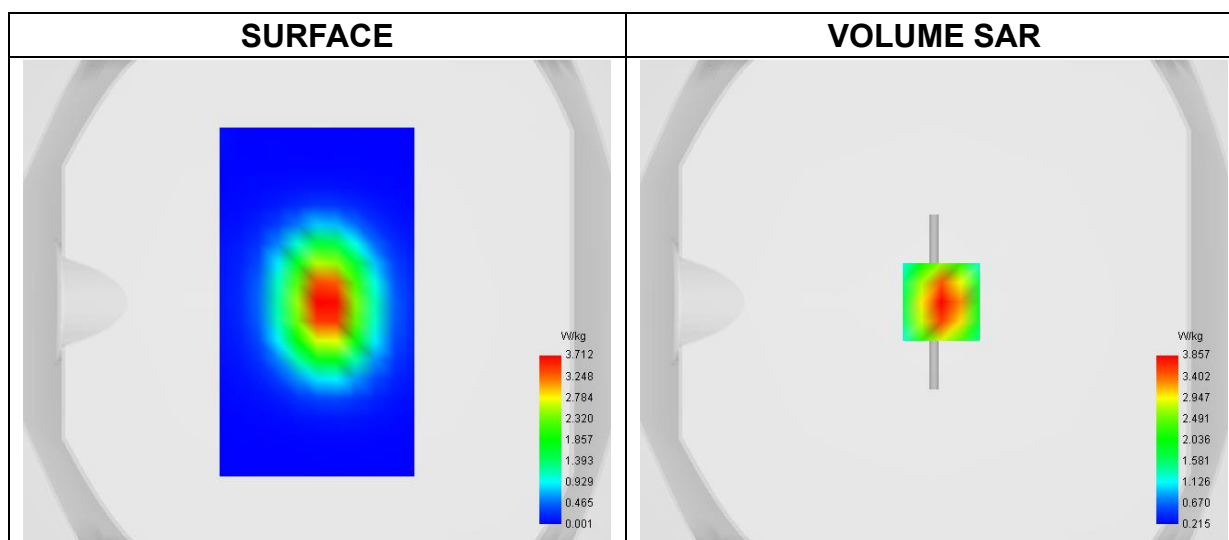
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-20

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.67
Conductivity (S/m)	1.41
Probe	2225-EPGO-450
ConvF	1.21
Crest factor:	1:1

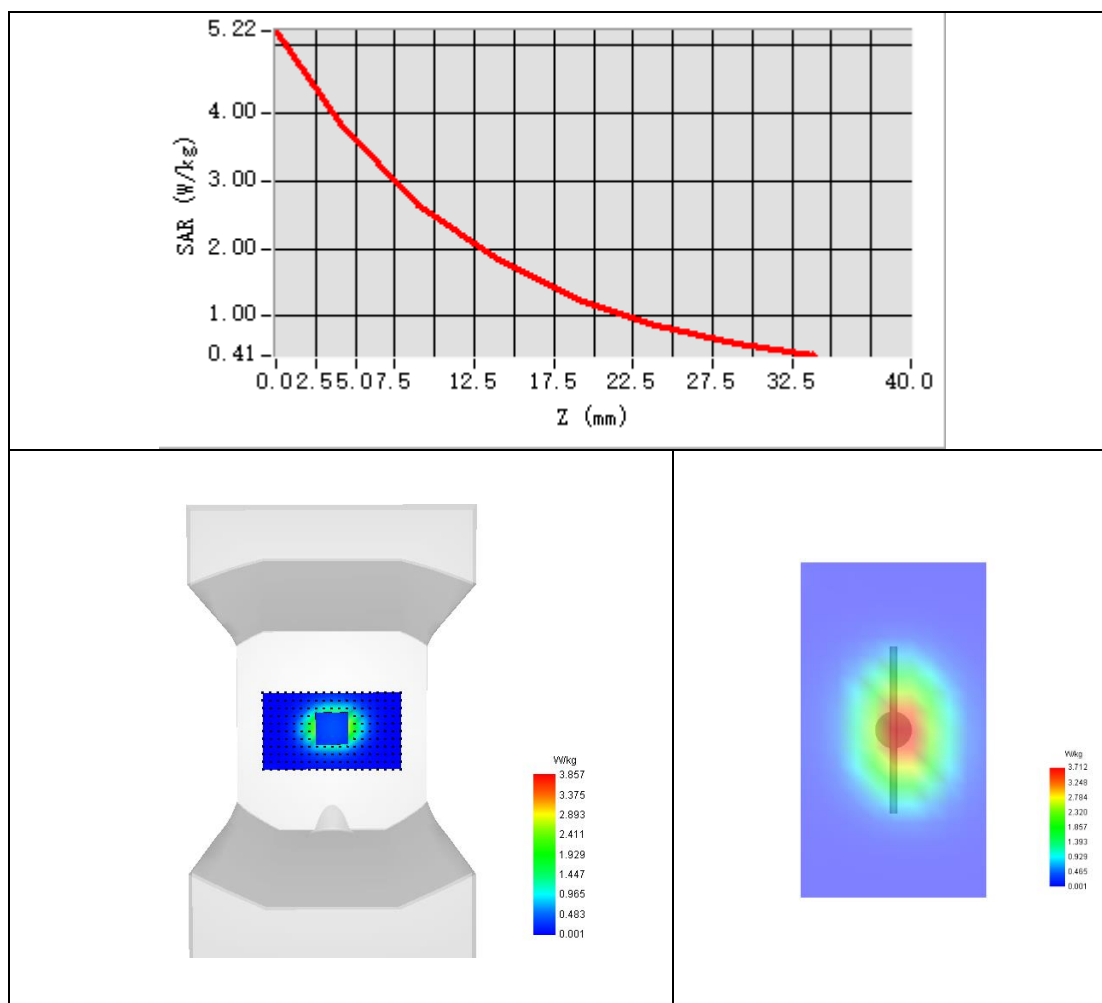


Maximum location: X=3.00, Y=0.00 ; SAR Peak: 5.22 W/kg

SAR 10g (W/Kg)	1.915
SAR 1g (W/Kg)	3.627



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

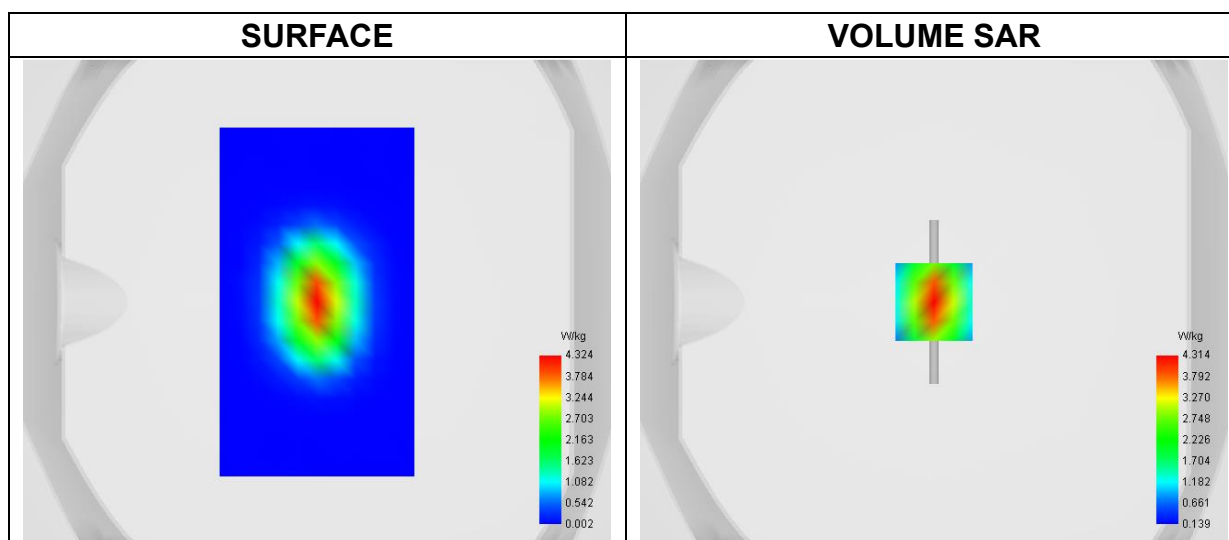
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-15

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.73
Conductivity (S/m)	1.39
Probe	2225-EPGO-450
ConvF	1.34
Crest factor:	1:1

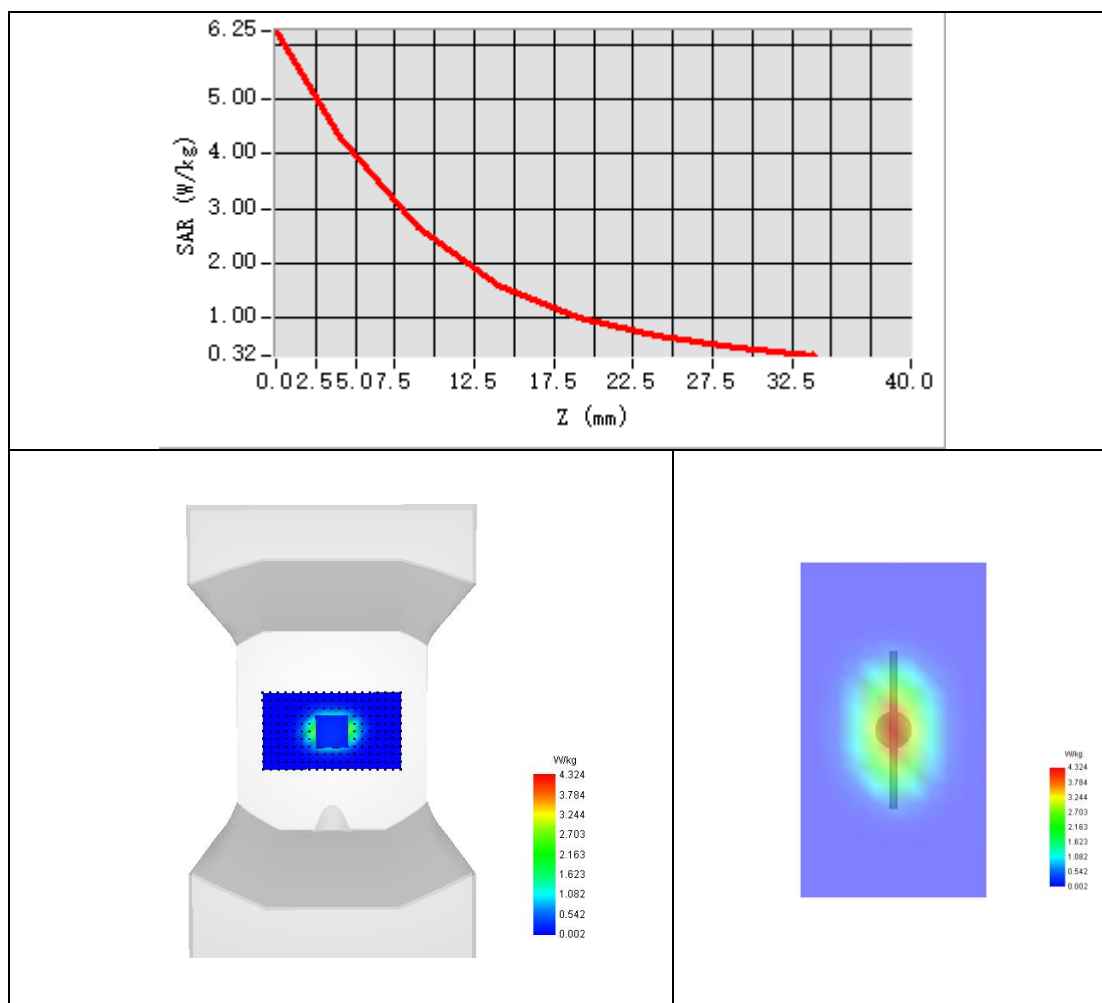


Maximum location: X=0.00, Y=0.00 ; SAR Peak: 6.24 W/kg

SAR 10g (W/Kg)	2.095
SAR 1g (W/Kg)	4.099



Z Axis Scan





System Performance Check Data (2300MHz)

Type: Phone measurement (Complete)

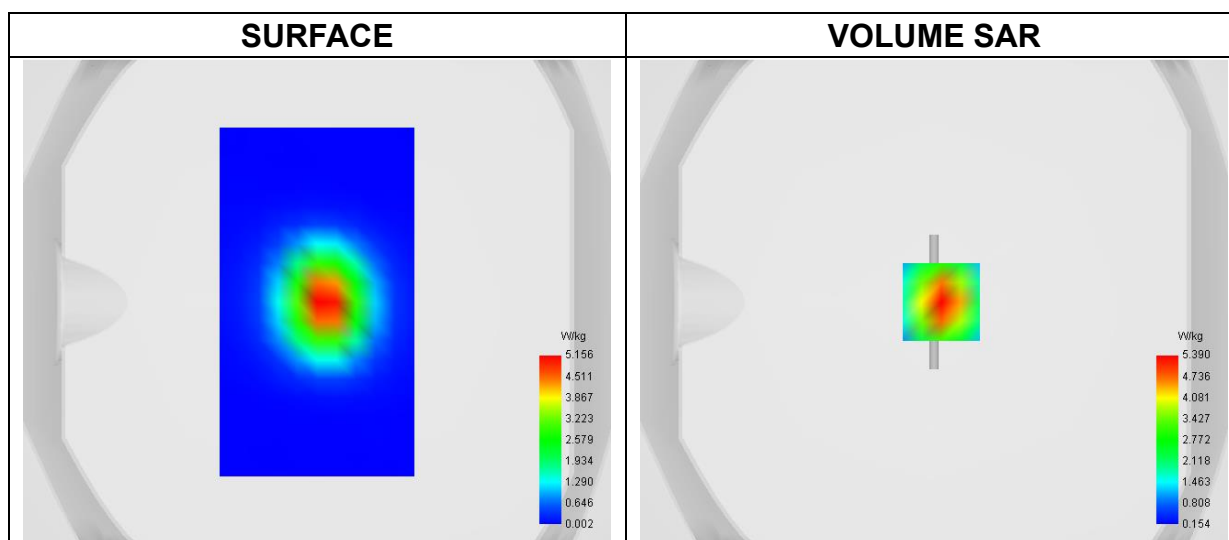
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-20

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2300
Channels	Middle
Signal	CW
Frequency (MHz)	2300.000
Relative permittivity	40.10
Conductivity (S/m)	1.44
Probe	2225-EPGO-450
ConvF	1.47
Crest factor:	1:1

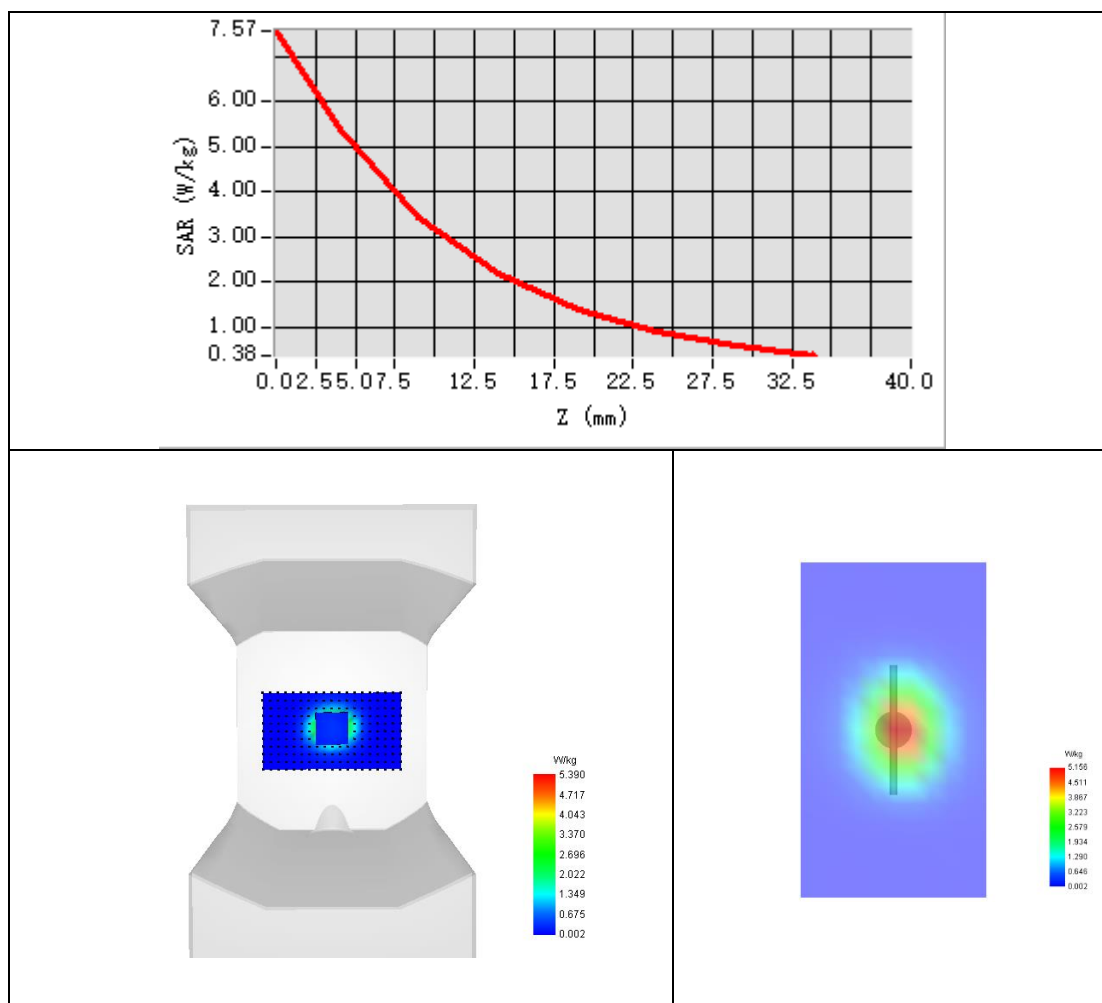


Maximum location: X=3.00, Y=0.00 ; SAR Peak: 7.58 W/kg

SAR 10g (W/Kg)	2.320
SAR 1g (W/Kg)	4.947



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

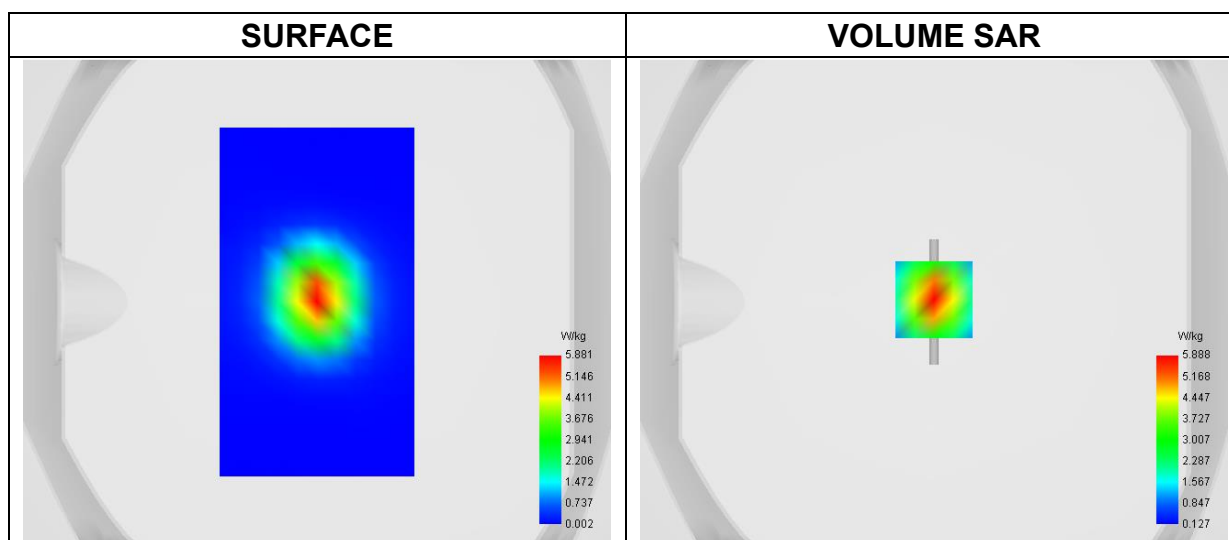
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-18

Experimental conditions.

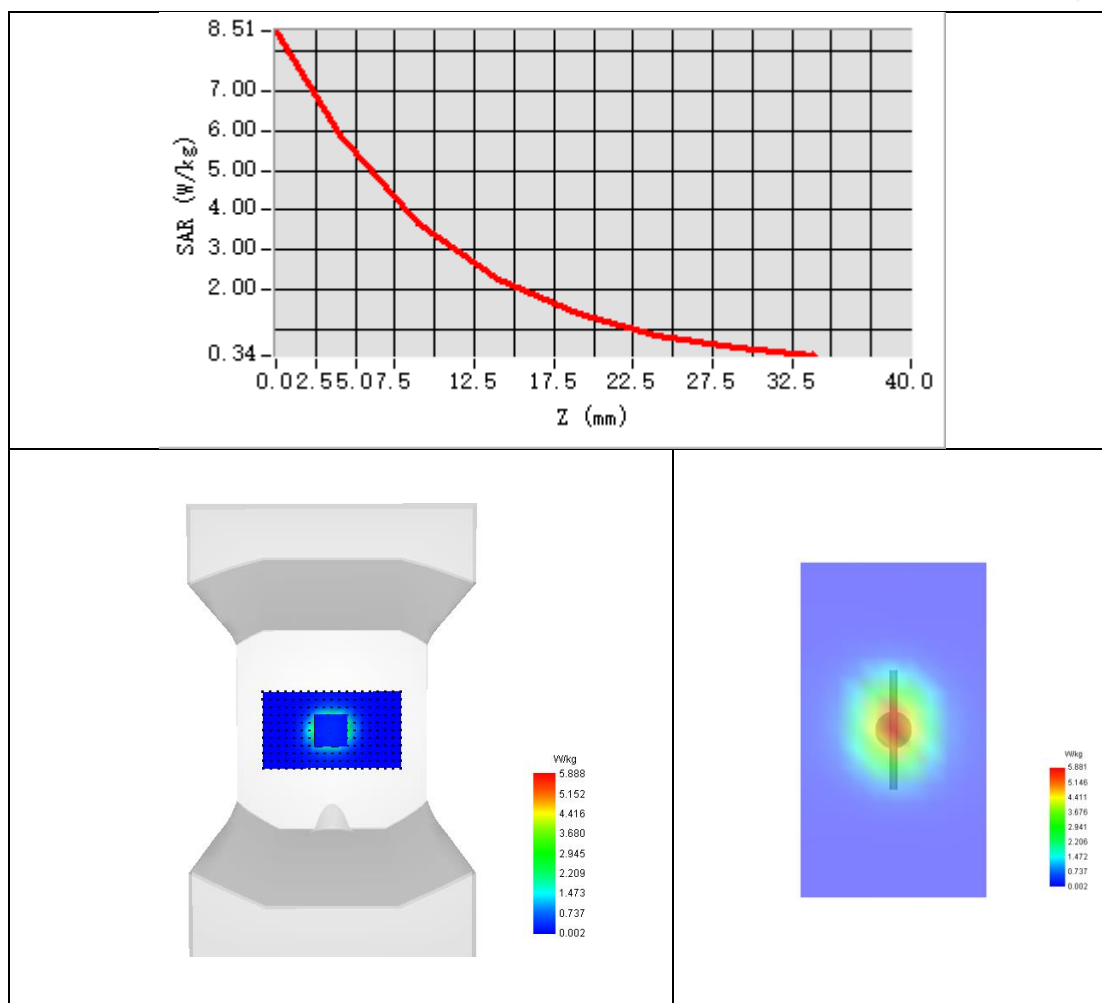
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	40.60
Conductivity (S/m)	1.81
Probe	2225-EPGO-450
ConvF	1.51
Crest factor:	1:1



Maximum location: X=0.00, Y=1.00 ; SAR Peak: 8.47 W/kg

SAR 10g (W/Kg)	2.444
SAR 1g (W/Kg)	5.144

Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

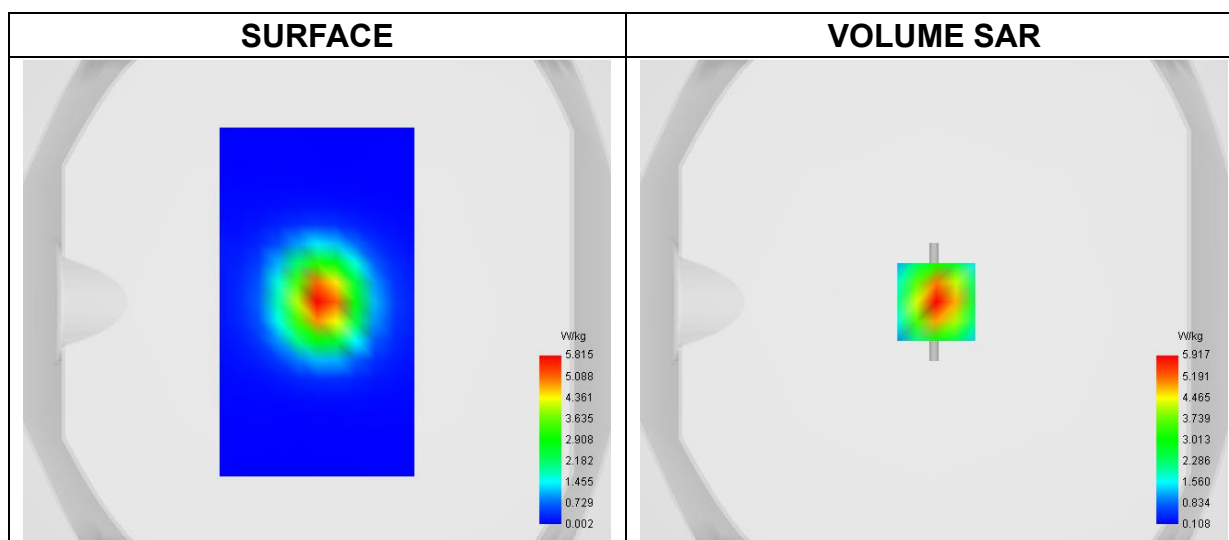
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-16

Experimental conditions.

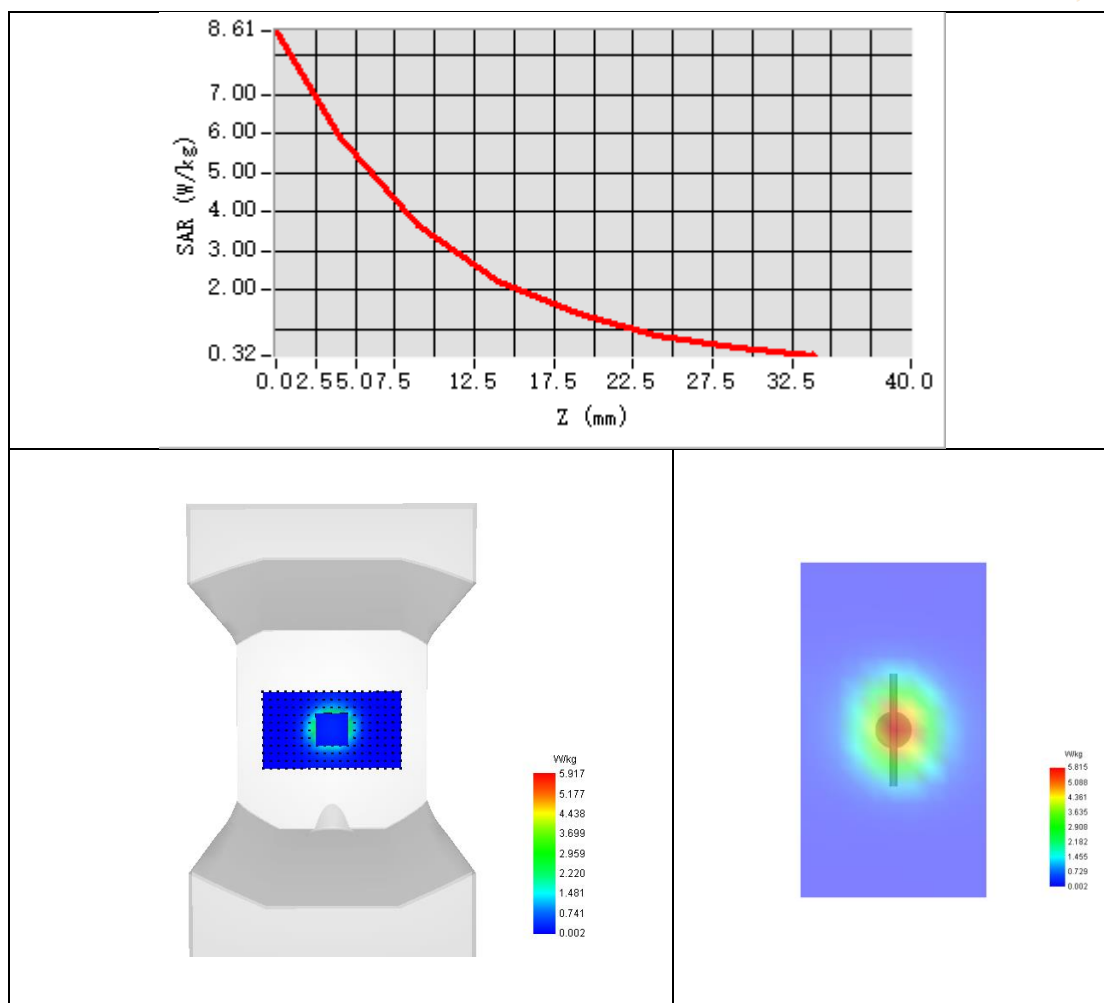
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.50
Conductivity (S/m)	2.03
Probe	2225-EPGO-450
ConvF	1.44
Crest factor:	1:1



Maximum location: X=1.00, Y=0.00 ; SAR Peak: 8.59 W/kg

SAR 10g (W/Kg)	2.515
SAR 1g (W/Kg)	5.648

Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

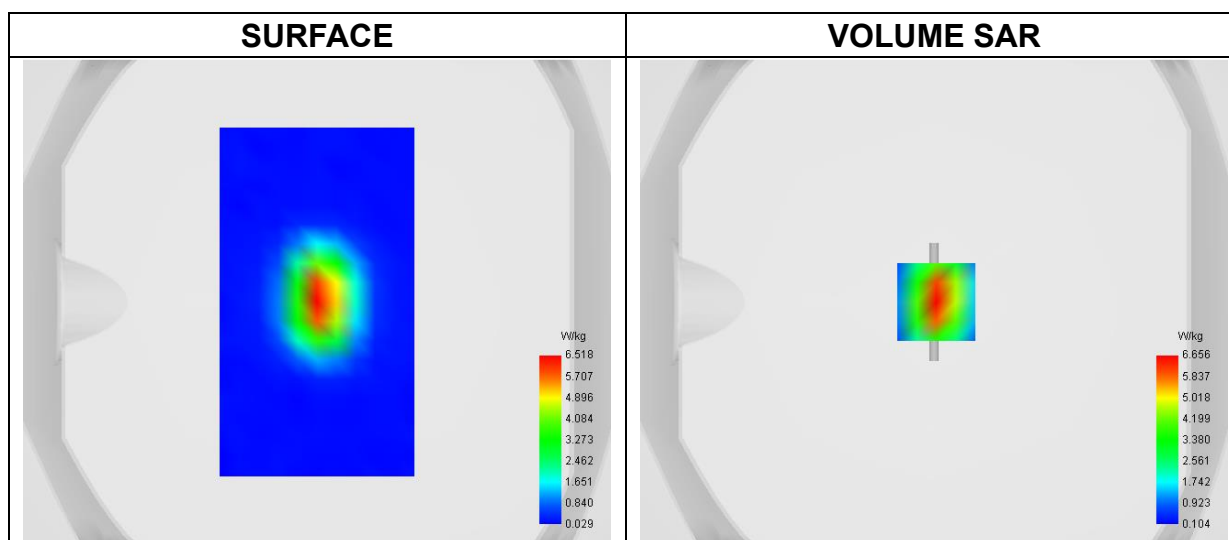
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-21

Experimental conditions.

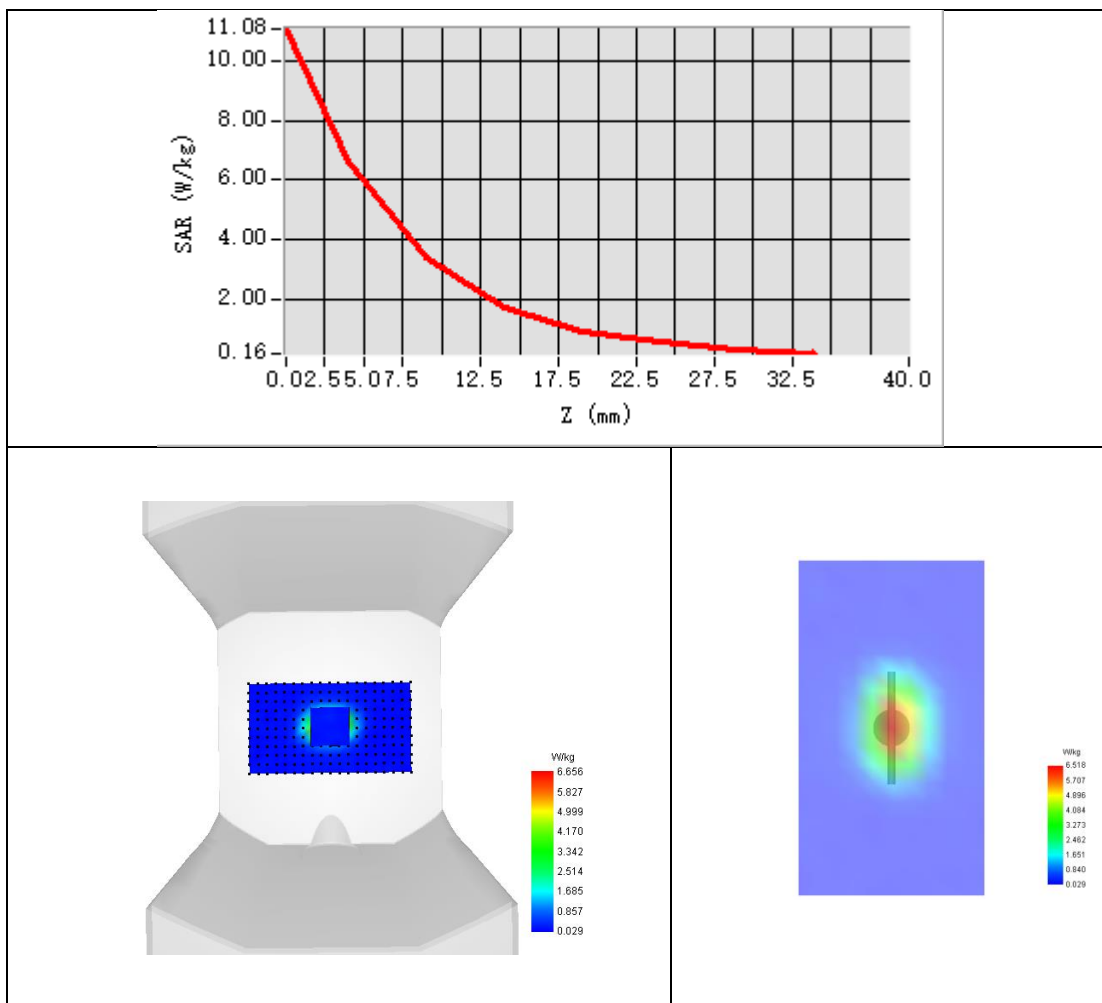
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.66
Conductivity (S/m)	1.99
Probe	2225-EPGO-450
ConvF	1.44
Crest factor:	1:1



Maximum location: X=1.00, Y=0.00 ; SAR Peak: 11.01 W/kg

SAR 10g (W/Kg)	2.501
SAR 1g (W/Kg)	5.652

Z Axis Scan



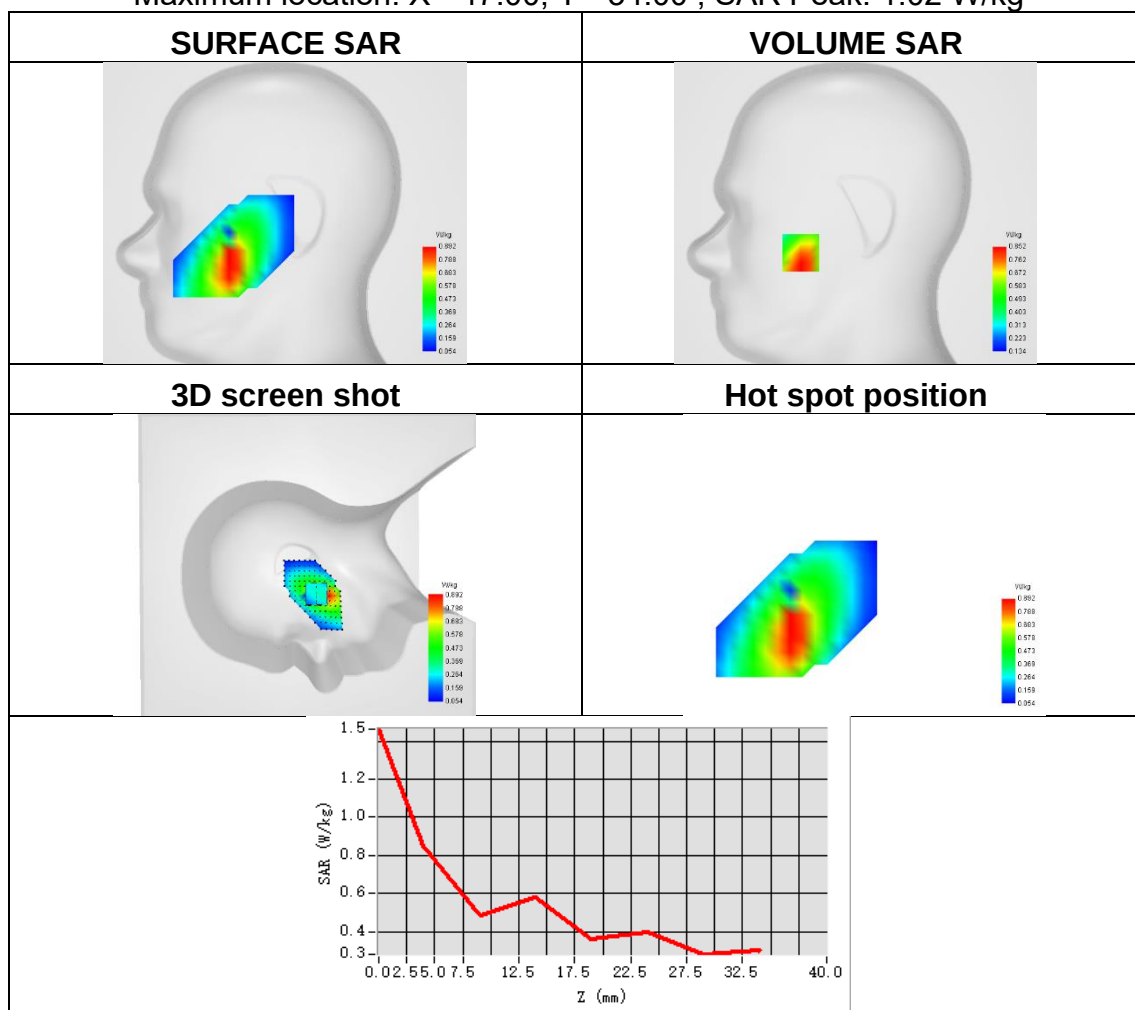


Appendix B. SAR Test Plots

Plot 1:

Test Date	2025-12-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	GSM850
Signal	TDMA (GSM)
Frequency	824.2
SAR 10g (W/Kg)	0.511
SAR 1g (W/Kg)	0.813
ConvF	1.02
Relative permittivity	42.21
Conductivity (S/m)	0.89

Maximum location: X=-47.00, Y=-34.00 ; SAR Peak: 1.02 W/kg

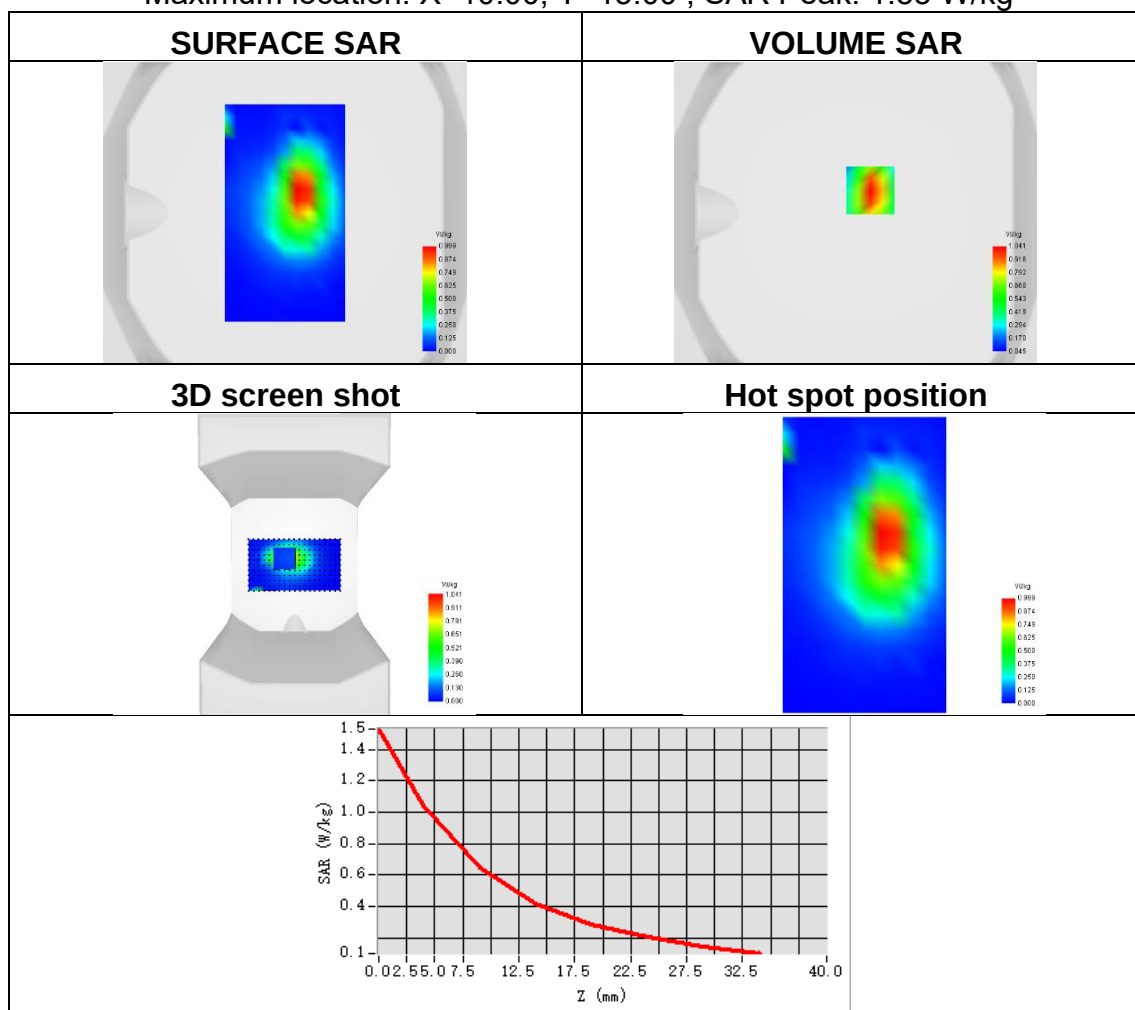




Plot 2:

Test Date	2025-12-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	GPRS850
Signal	TDMA (GPRS)
Frequency	824.2
SAR 10g (W/Kg)	0.543
SAR 1g (W/Kg)	0.972
ConvF	1.02
Relative permittivity	42.21
Conductivity (S/m)	0.89

Maximum location: X=10.00, Y=15.00 ; SAR Peak: 1.53 W/kg

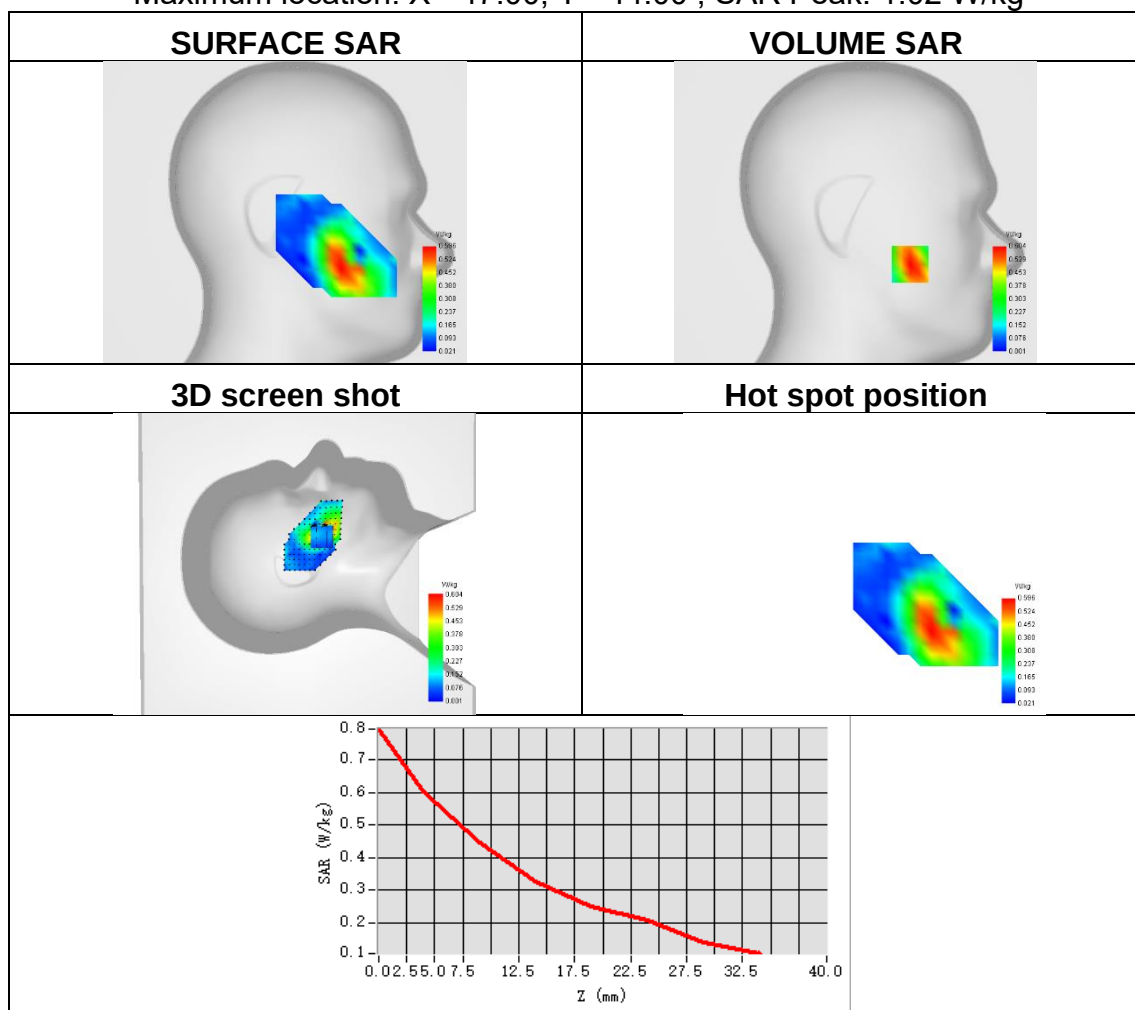




Plot 3:

Test Date	2025-12-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Signal	TDMA (GSM)
Frequency	1880
SAR 10g (W/Kg)	0.364
SAR 1g (W/Kg)	0.592
ConvF	1.34
Relative permittivity	40.73
Conductivity (S/m)	1.39

Maximum location: X=-47.00, Y=-44.00 ; SAR Peak: 1.02 W/kg

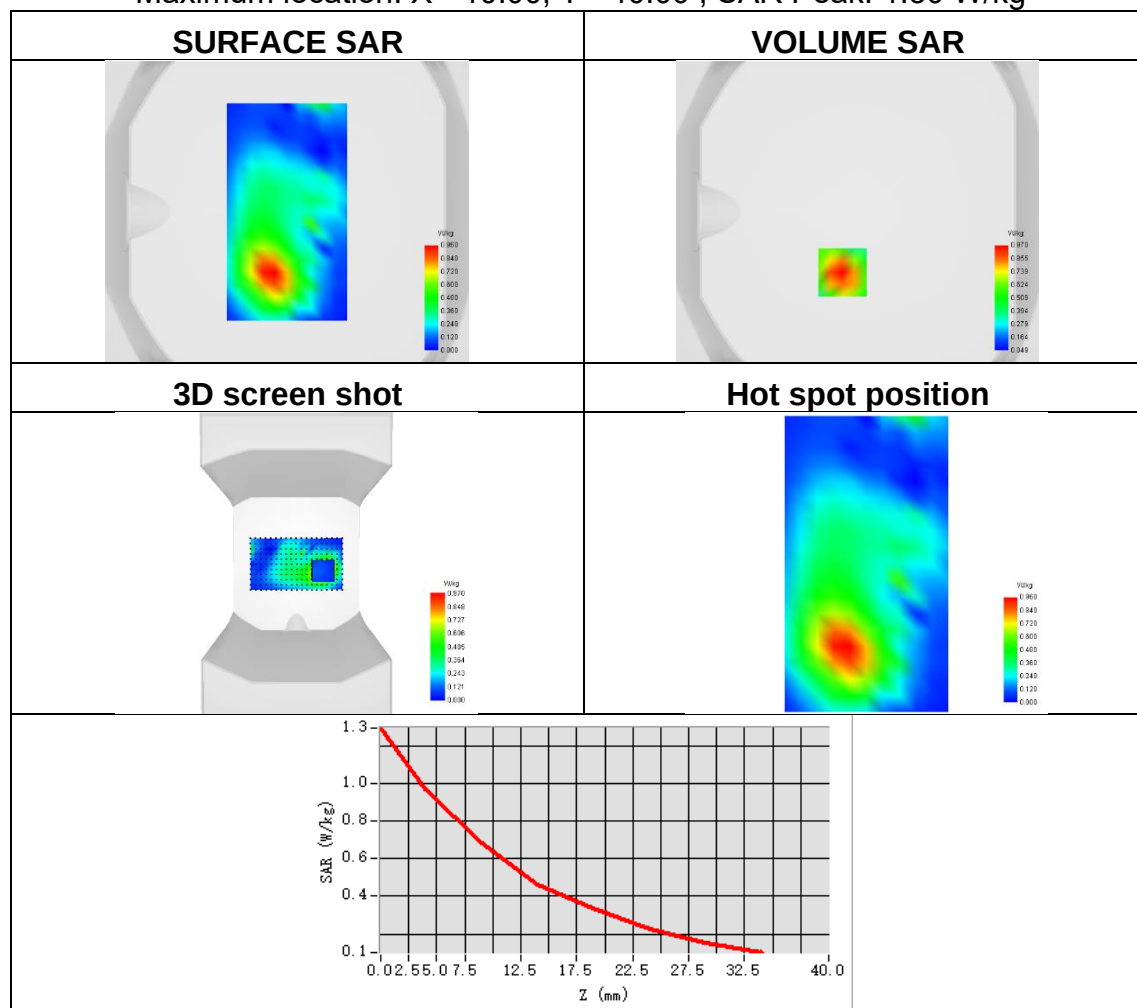




Plot 4:

Test Date	2025-12-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	GPRS1900
Signal	TDMA (GPRS)
Frequency	1880
SAR 10g (W/Kg)	0.574
SAR 1g (W/Kg)	0.914
ConvF	1.34
Relative permittivity	40.73
Conductivity (S/m)	1.39

Maximum location: X=-10.00, Y=-40.00 ; SAR Peak: 1.30 W/kg

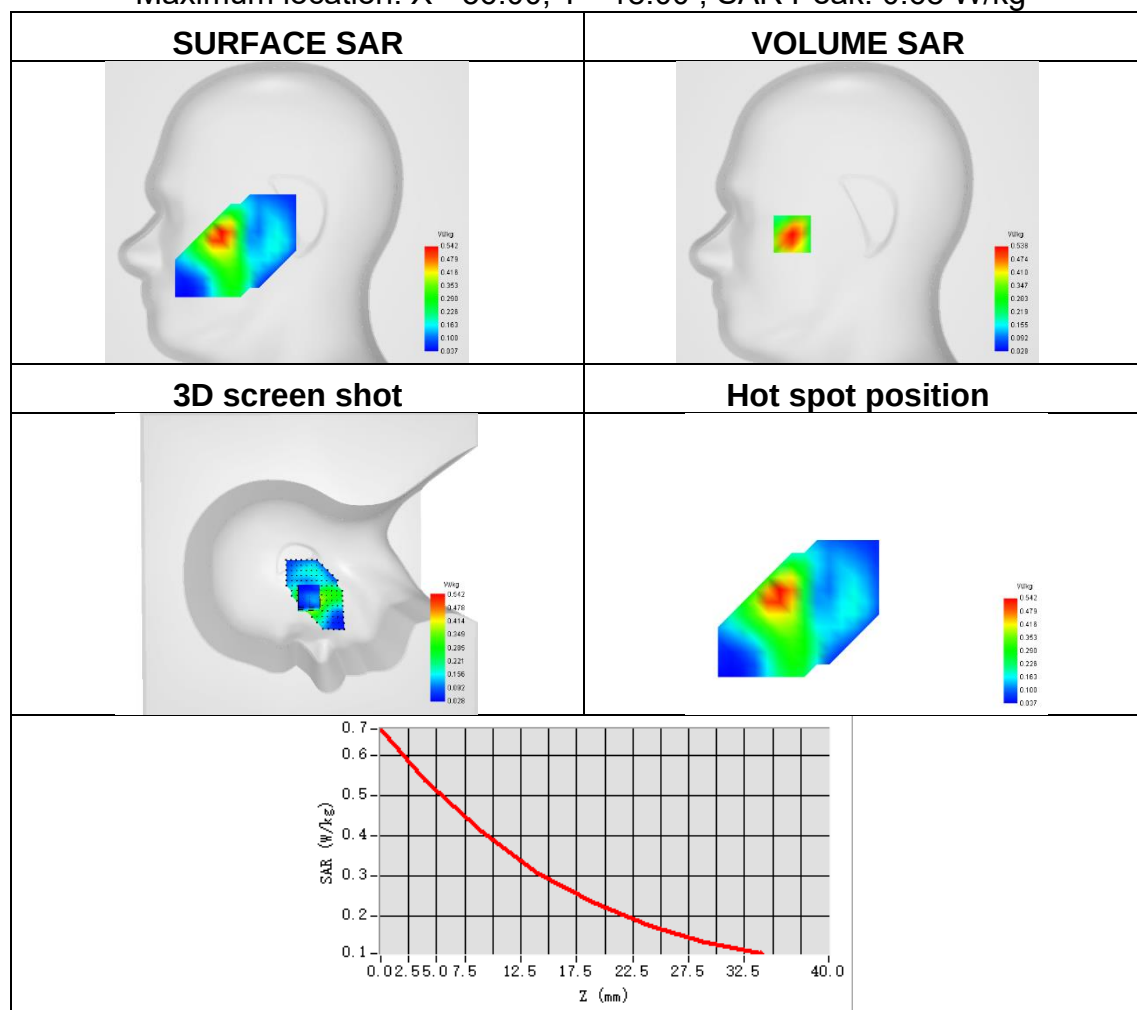




Plot 5:

Test Date	2025-12-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	Band 2 (1900)
Signal	WCDMA
Frequency	1880
SAR 10g (W/Kg)	0.340
SAR 1g (W/Kg)	0.506
ConvF	1.34
Relative permittivity	40.73
Conductivity (S/m)	1.39

Maximum location: X=-56.00, Y=-18.00 ; SAR Peak: 0.68 W/kg

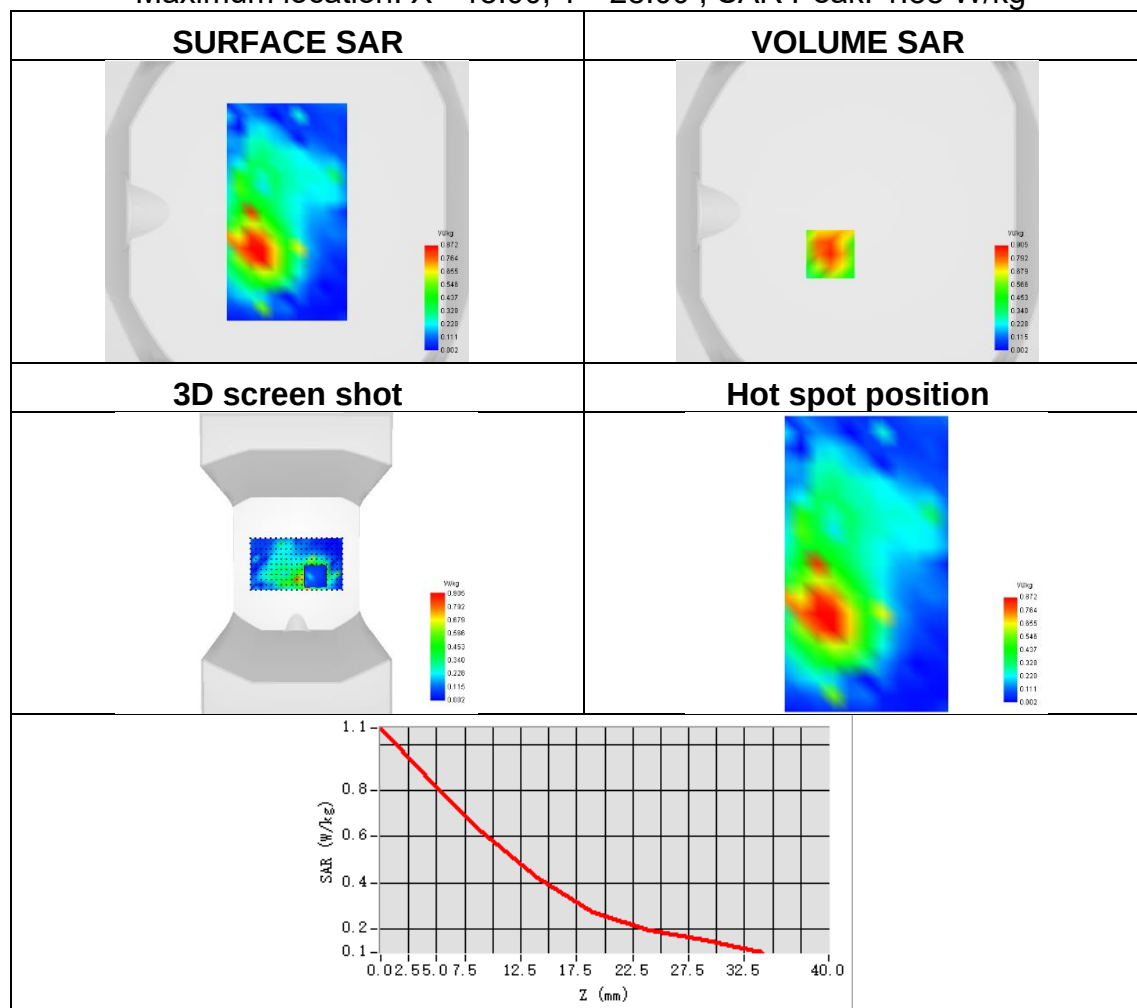




Plot 6:

Test Date	2025-12-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	Band 2 (1900)
Signal	WCDMA
Frequency	1880
SAR 10g (W/Kg)	0.436
SAR 1g (W/Kg)	0.832
ConvF	1.34
Relative permittivity	40.73
Conductivity (S/m)	1.39

Maximum location: X=-18.00, Y=-28.00 ; SAR Peak: 1.58 W/kg

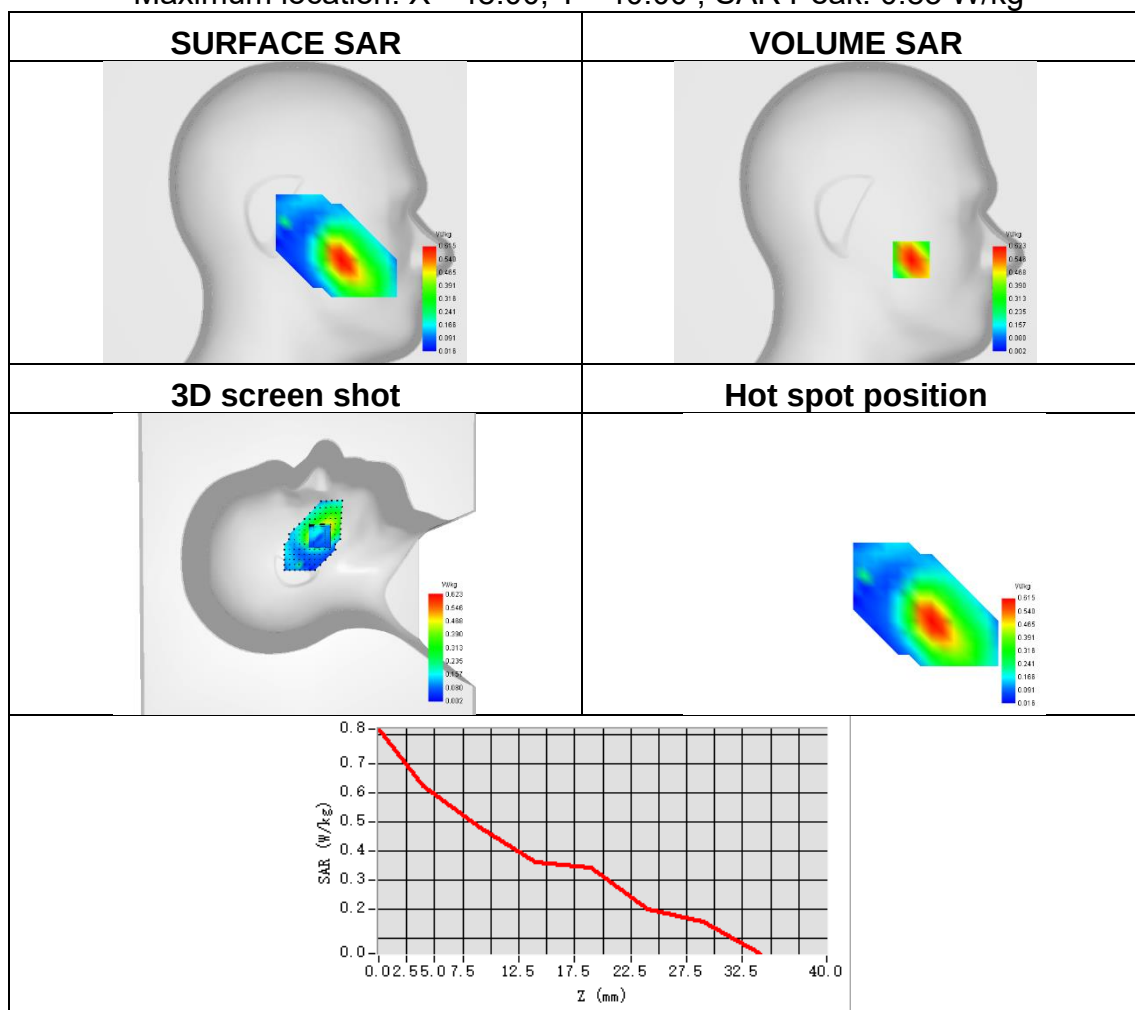




Plot 7:

Test Date	2025-12-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Band 4 (1700)
Signal	WCDMA
Frequency	1712.6
SAR 10g (W/Kg)	0.406
SAR 1g (W/Kg)	0.595
ConvF	1.21
Relative permittivity	41.09
Conductivity (S/m)	1.46

Maximum location: X=-48.00, Y=-40.00 ; SAR Peak: 0.83 W/kg

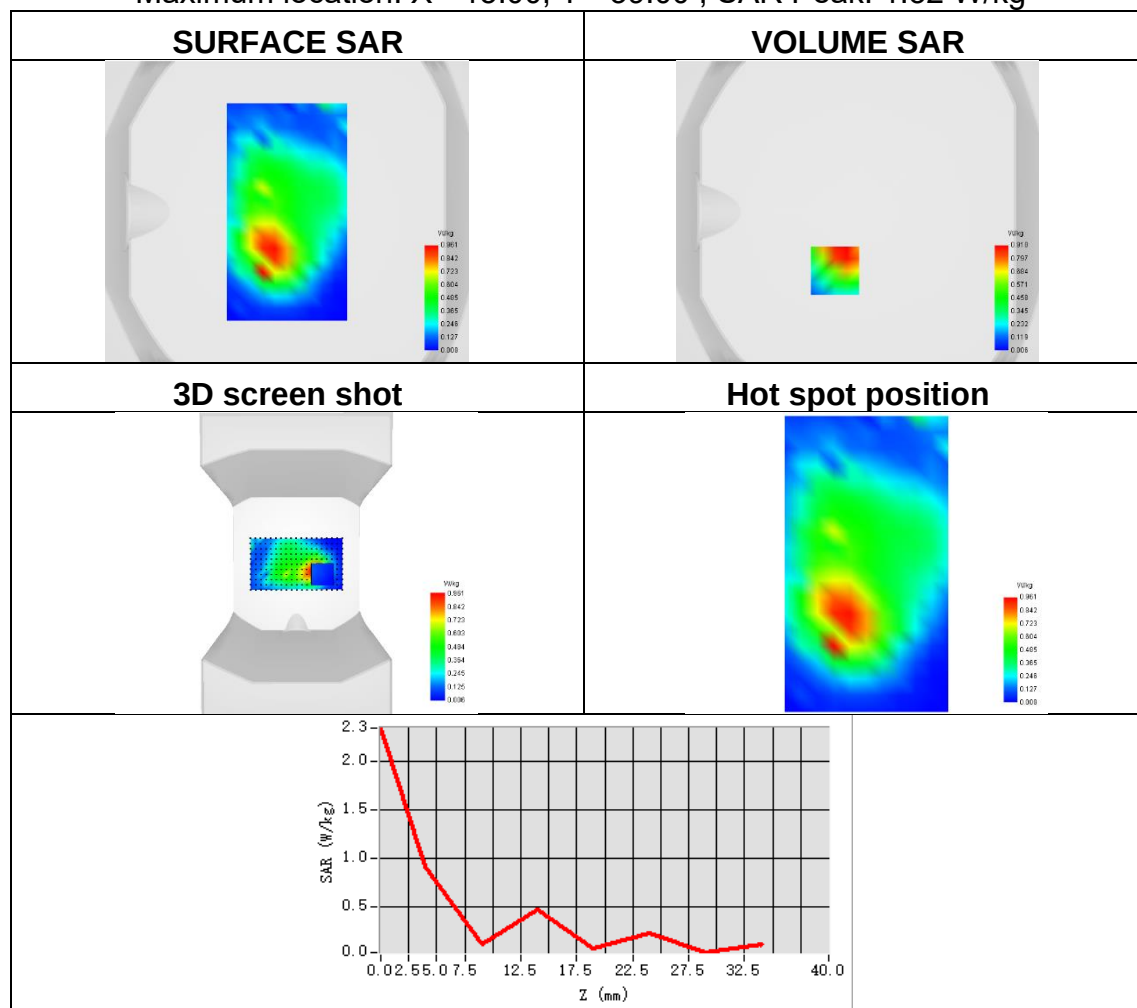




Plot 8:

Test Date	2025-12-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	Band 4 (1700)
Signal	WCDMA
Frequency	1712.6
SAR 10g (W/Kg)	0.433
SAR 1g (W/Kg)	0.877
ConvF	1.21
Relative permittivity	41.09
Conductivity (S/m)	1.46

Maximum location: X=-15.00, Y=-39.00 ; SAR Peak: 1.32 W/kg

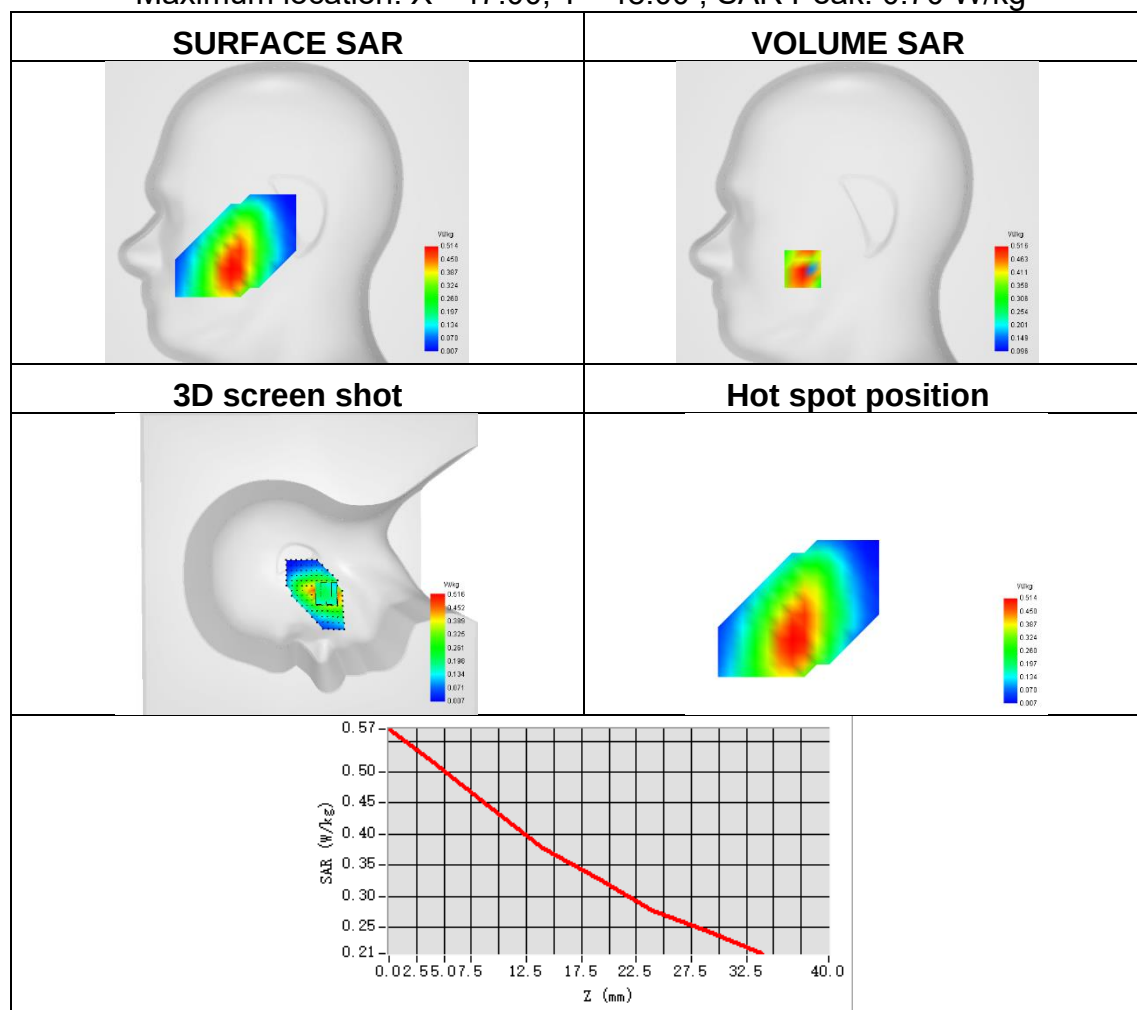




Plot 9:

Test Date	2025-12-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	Band 5 (850)
Signal	WCDMA
Frequency	846.6
SAR 10g (W/Kg)	0.375
SAR 1g (W/Kg)	0.485
ConvF	1.02
Relative permittivity	42.21
Conductivity (S/m)	0.89

Maximum location: X=-47.00, Y=-48.00 ; SAR Peak: 0.70 W/kg

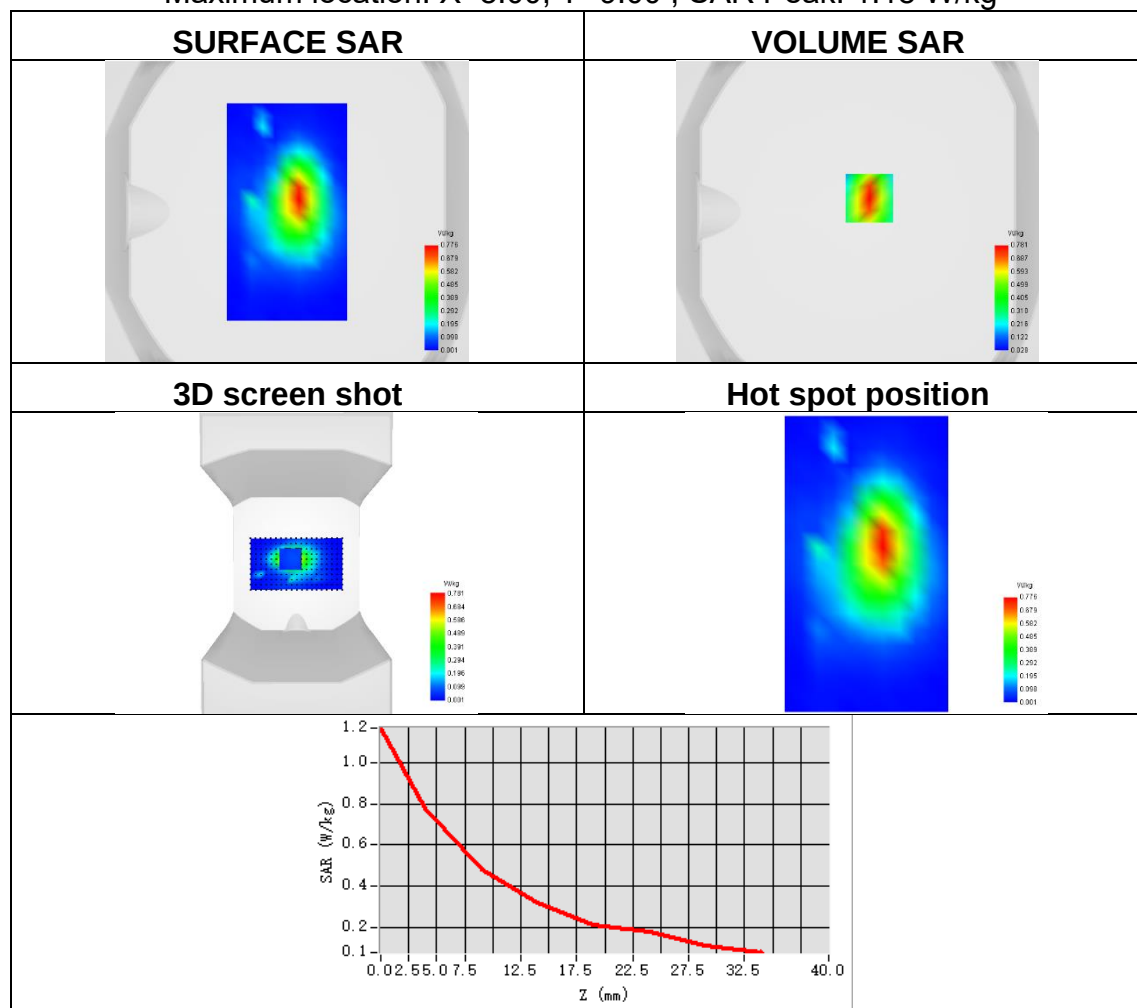




Plot 10:

Test Date	2025-12-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Band 5 (850)
Signal	WCDMA
Frequency	846.6
SAR 10g (W/Kg)	0.417
SAR 1g (W/Kg)	0.728
ConvF	1.02
Relative permittivity	42.21
Conductivity (S/m)	0.89

Maximum location: X=8.00, Y=9.00 ; SAR Peak: 1.18 W/kg

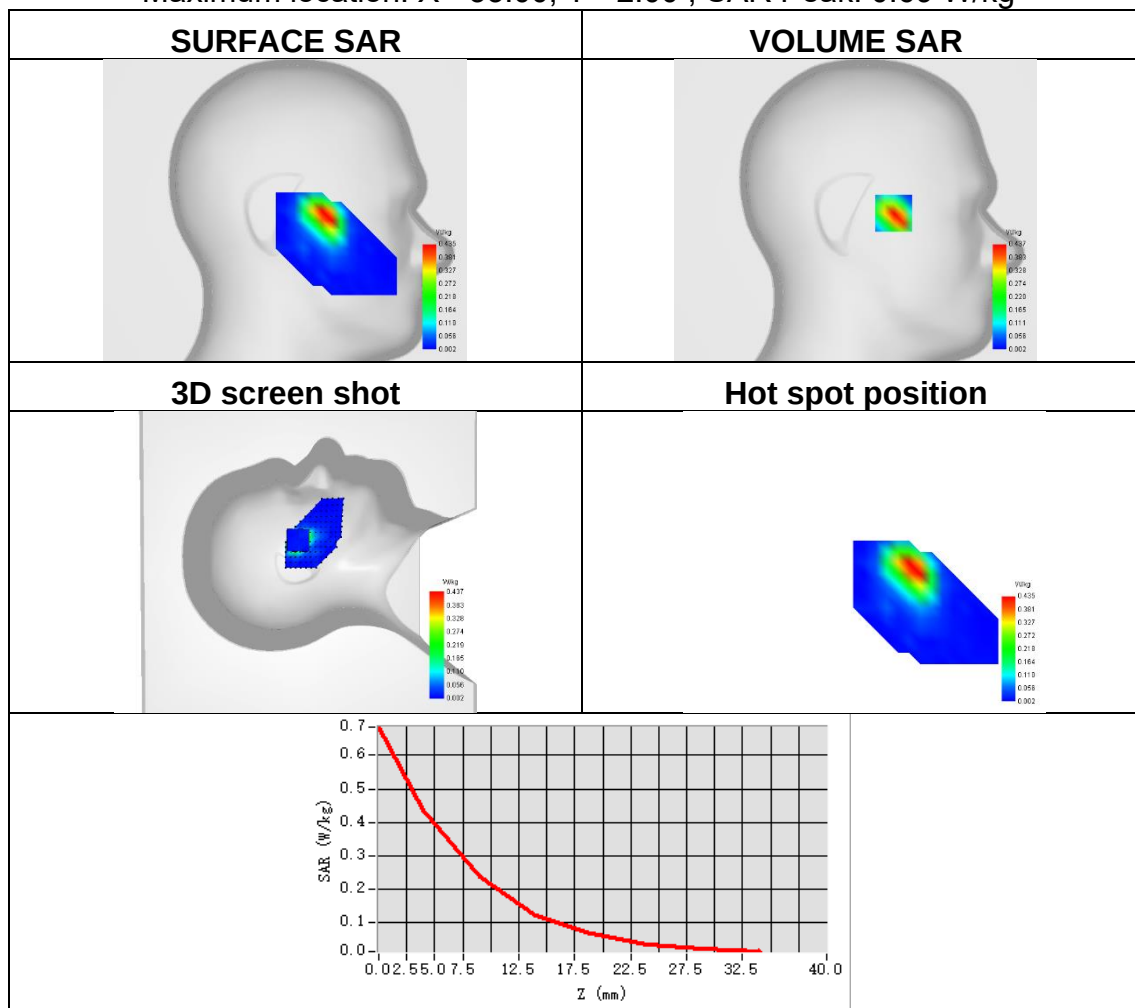




Plot 11:

Test Date	2025-12-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11b
Frequency	2462
SAR 10g (W/Kg)	0.194
SAR 1g (W/Kg)	0.410
ConvF	1.51
Relative permittivity	40.60
Conductivity (S/m)	1.81

Maximum location: X=-33.00, Y=-2.00 ; SAR Peak: 0.69 W/kg

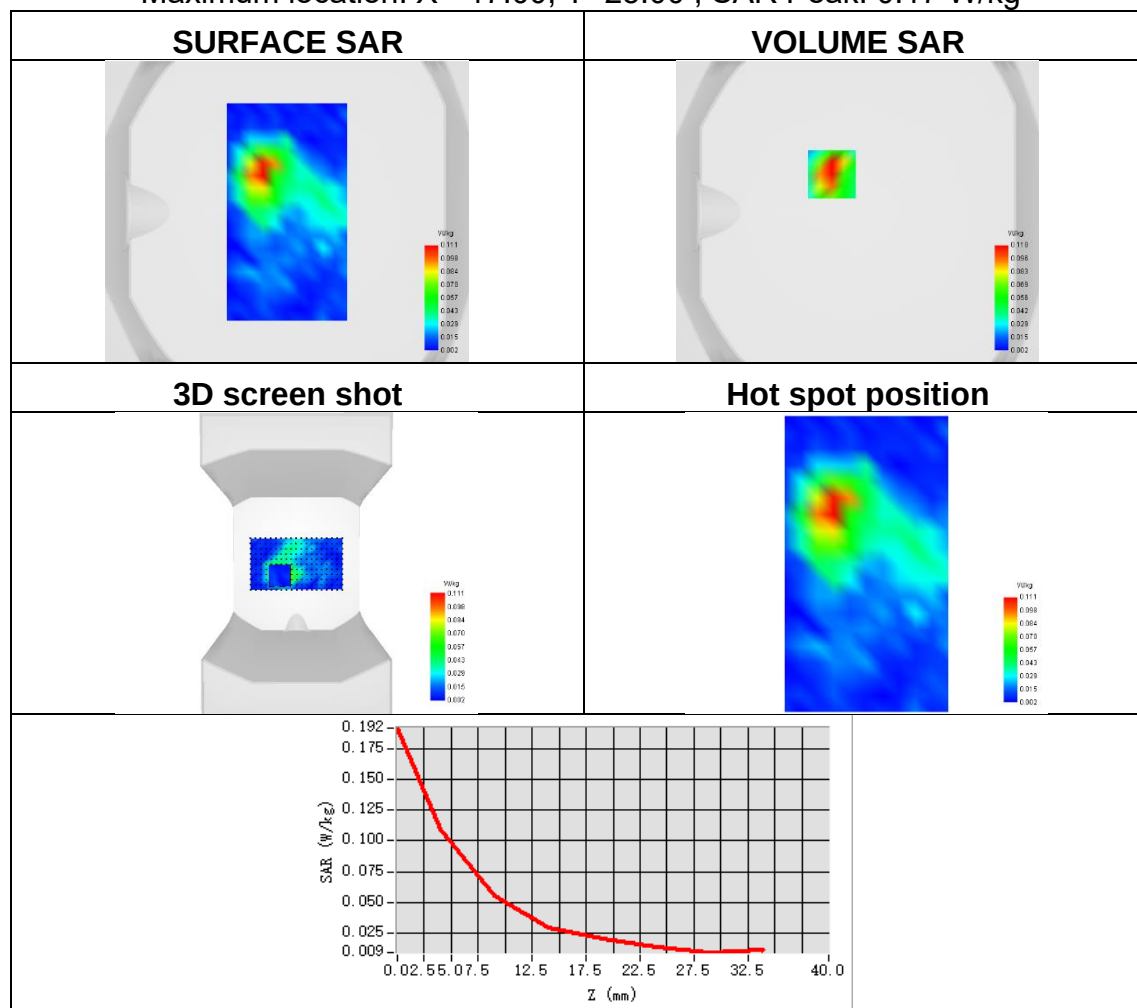




Plot 12:

Test Date	2025-12-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back side
Band	ISM
Signal	IEEE 802.11b
Frequency	2462
SAR 10g (W/Kg)	0.051
SAR 1g (W/Kg)	0.100
ConvF	1.51
Relative permittivity	40.60
Conductivity (S/m)	1.81

Maximum location: X=-17.00, Y=25.00 ; SAR Peak: 0.17 W/kg

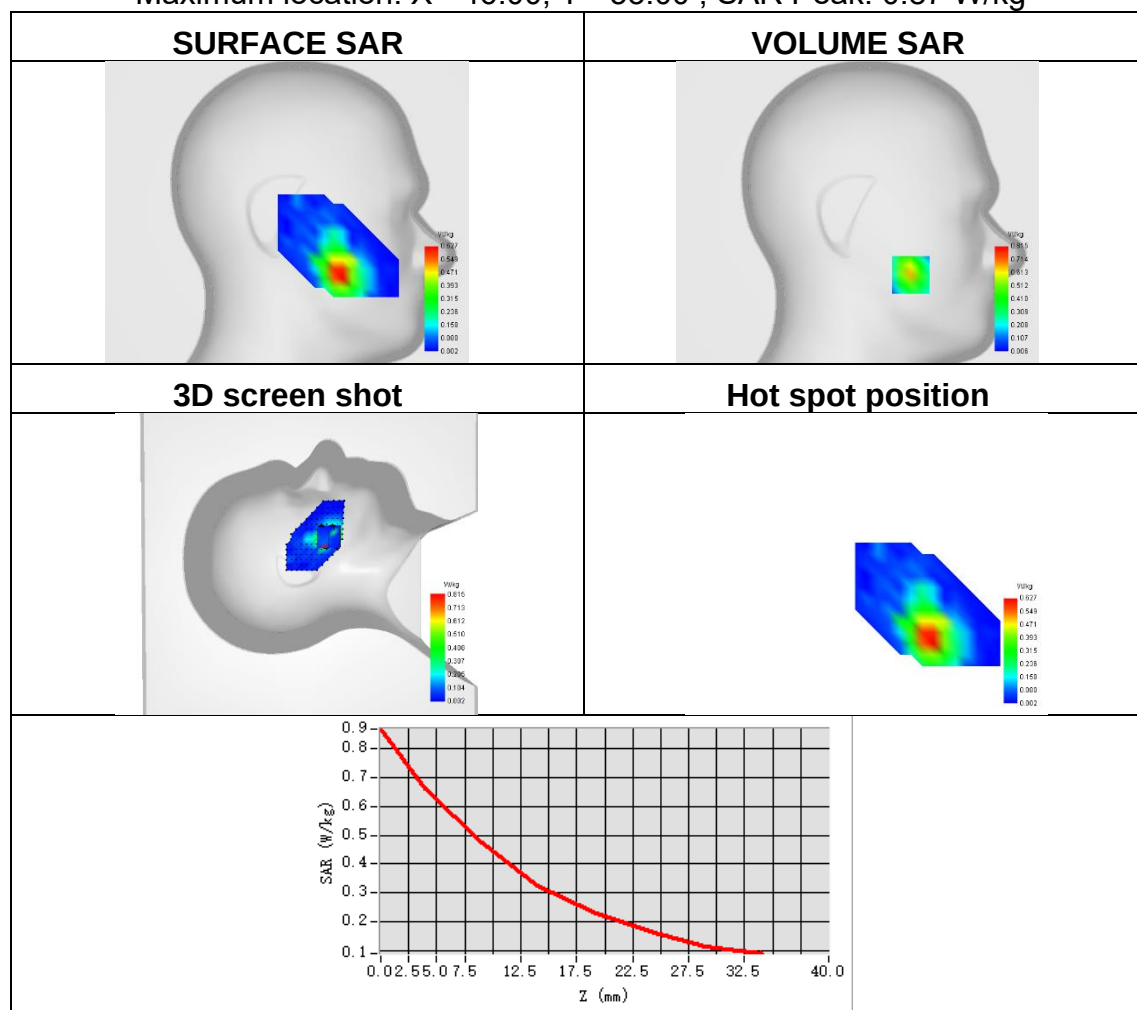




Plot 13:

Test Date	2025-12-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 2
Signal	LTE FDD
Frequency	1860
SAR 10g (W/Kg)	0.375
SAR 1g (W/Kg)	0.617
ConvF	1.34
Relative permittivity	40.73
Conductivity (S/m)	1.39

Maximum location: X=-46.00, Y=-53.00 ; SAR Peak: 0.87 W/kg

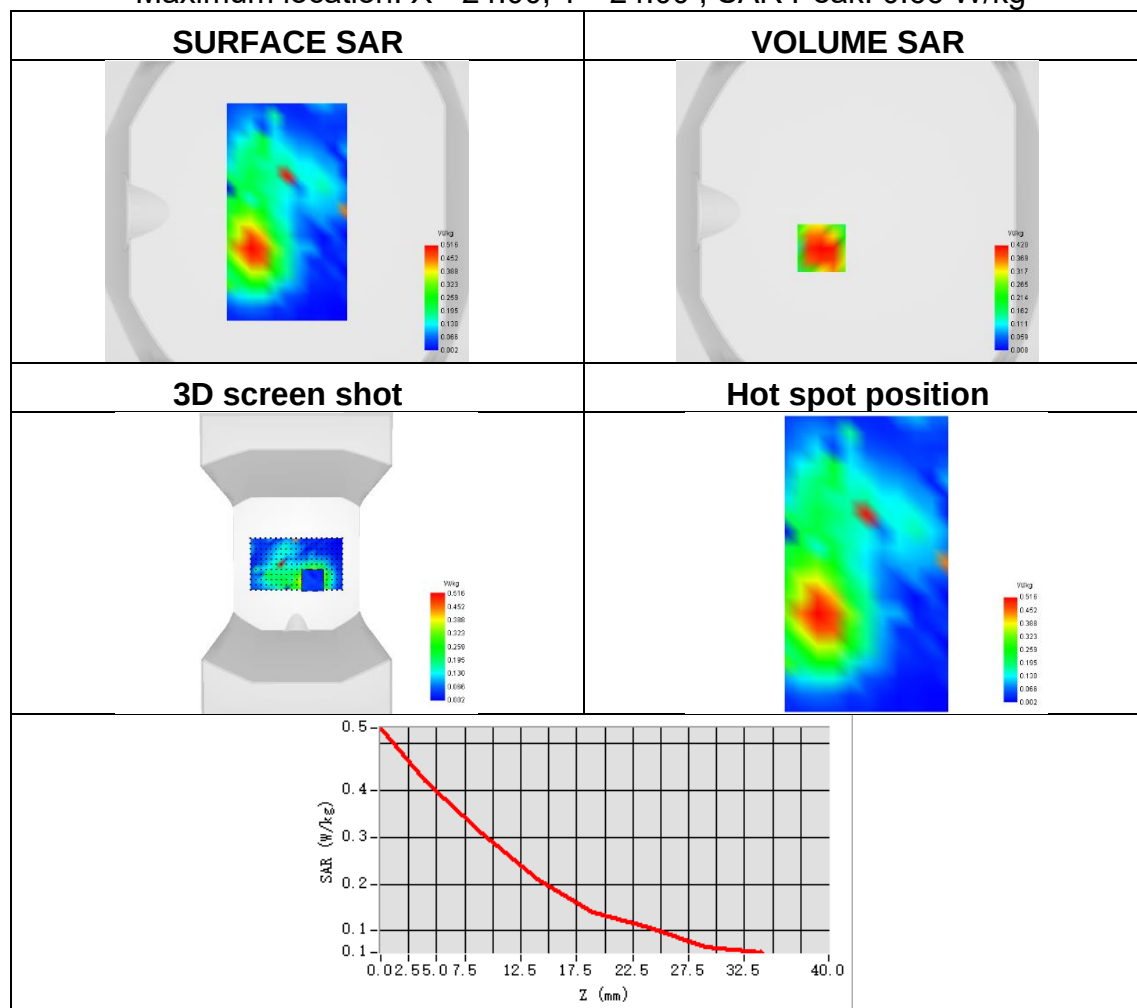




Plot 14:

Test Date	2025-12-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 2
Signal	LTE FDD
Frequency	1860
SAR 10g (W/Kg)	0.244
SAR 1g (W/Kg)	0.420
ConvF	1.34
Relative permittivity	40.73
Conductivity (S/m)	1.39

Maximum location: X=-24.00, Y=-24.00 ; SAR Peak: 0.66 W/kg

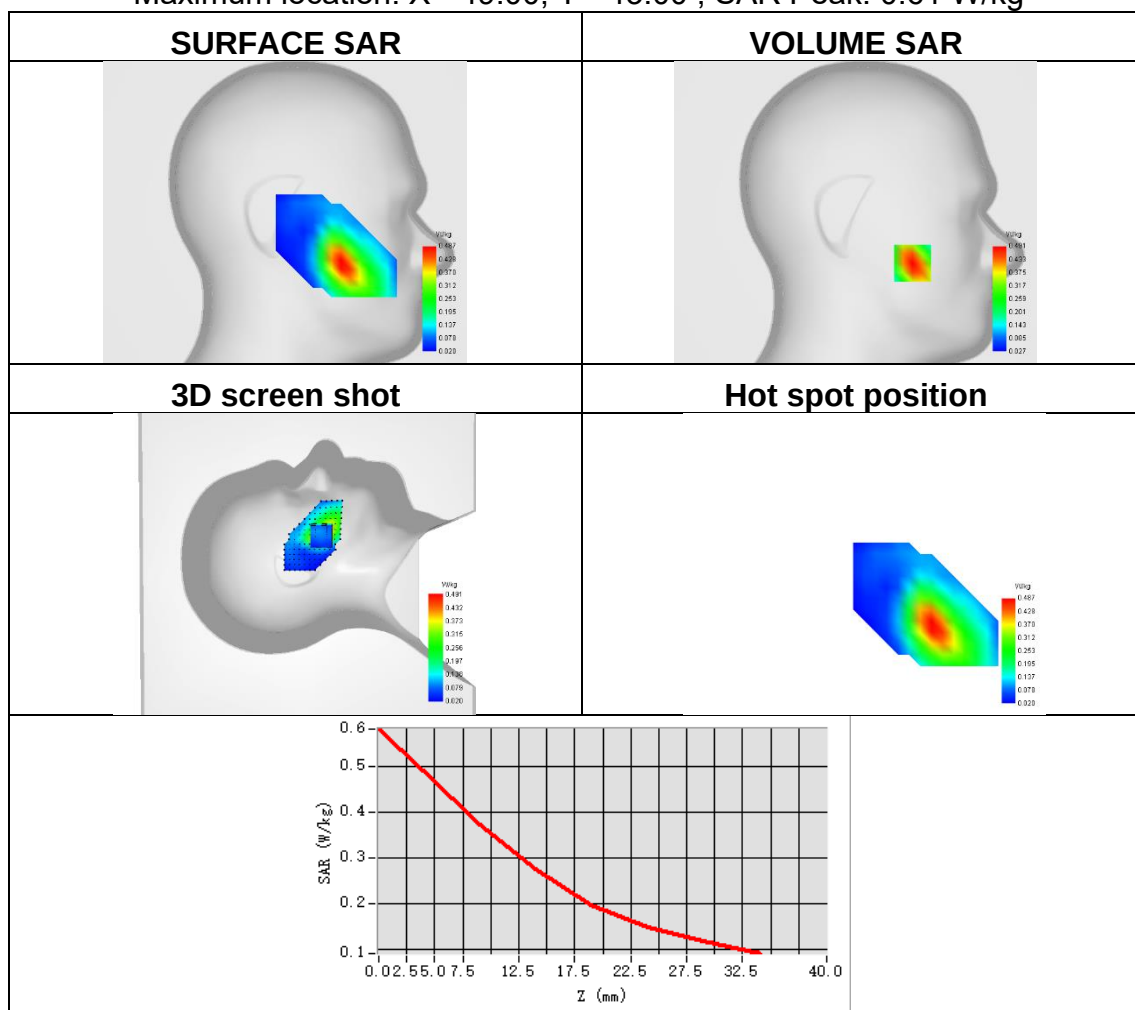




Plot 15:

Test Date	2025-12-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 4
Signal	LTE FDD
Frequency	1720
SAR 10g (W/Kg)	0.310
SAR 1g (W/Kg)	0.460
ConvF	1.21
Relative permittivity	41.09
Conductivity (S/m)	1.46

Maximum location: X=-49.00, Y=-43.00 ; SAR Peak: 0.61 W/kg

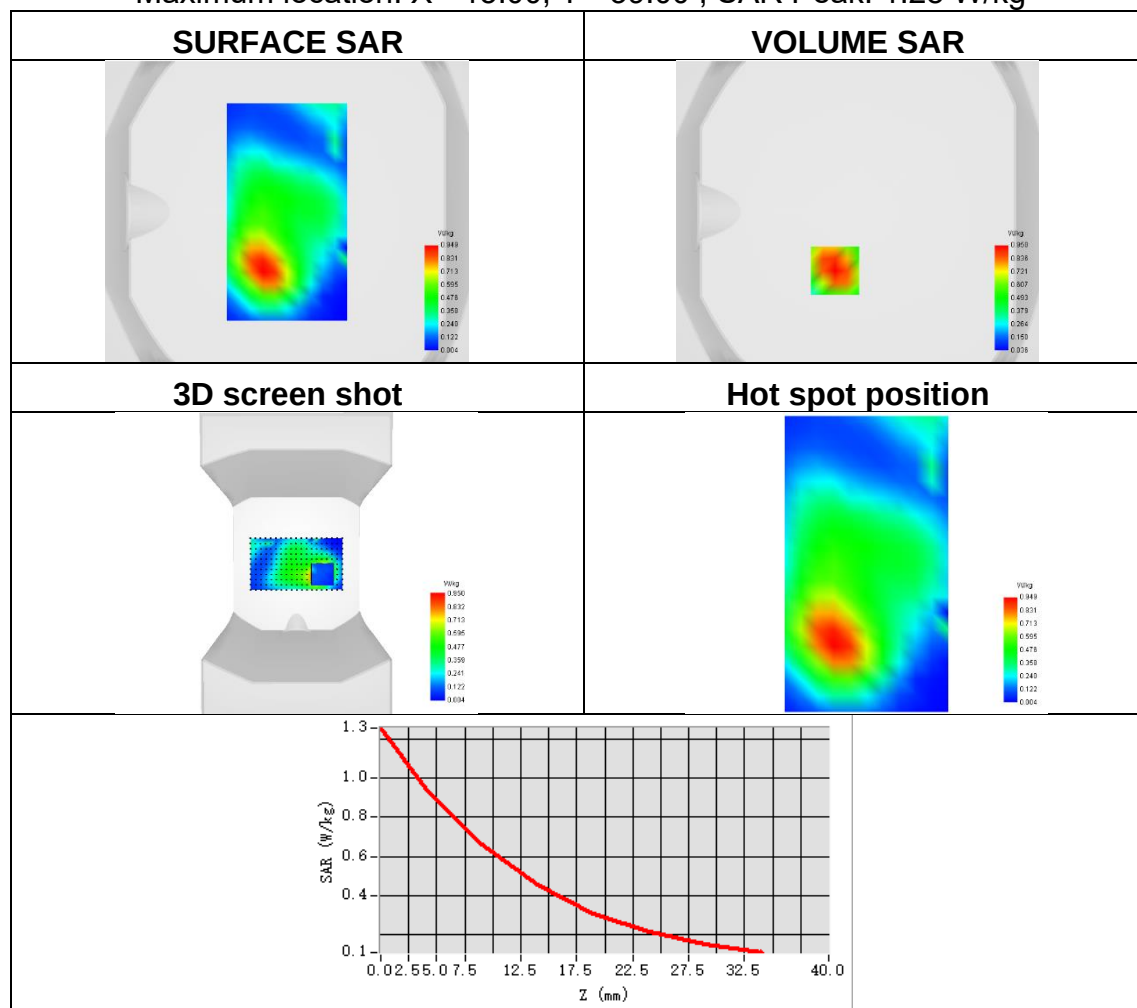




Plot 16:

Test Date	2025-12-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 4
Signal	LTE FDD
Frequency	1720
SAR 10g (W/Kg)	0.575
SAR 1g (W/Kg)	0.904
ConvF	1.21
Relative permittivity	41.09
Conductivity (S/m)	1.46

Maximum location: X=-15.00, Y=-39.00 ; SAR Peak: 1.28 W/kg

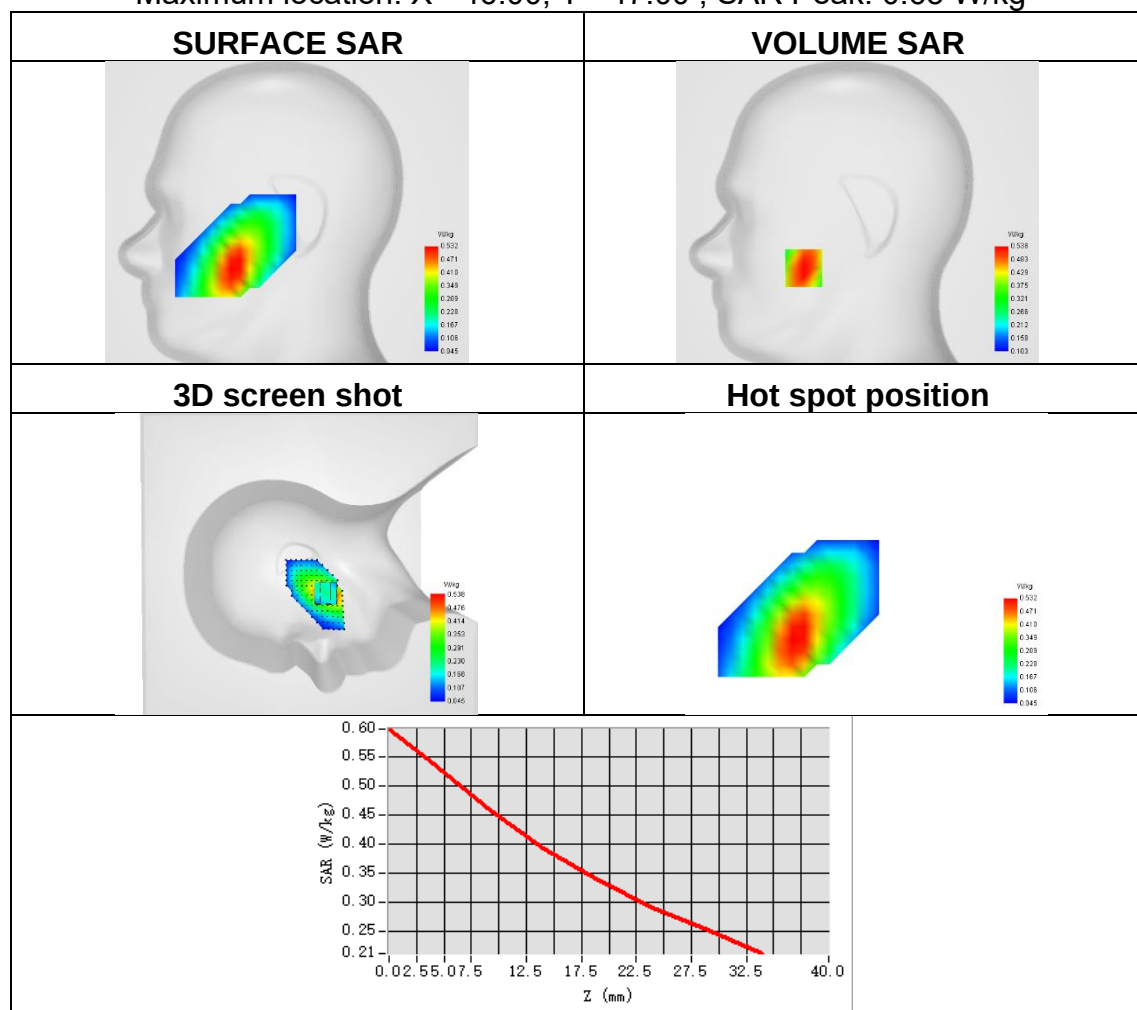




Plot 17:

Test Date	2025-12-12
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 5
Signal	LTE FDD
Frequency	844
SAR 10g (W/Kg)	0.413
SAR 1g (W/Kg)	0.520
ConvF	1.02
Relative permittivity	40.82
Conductivity (S/m)	0.92

Maximum location: X=-46.00, Y=-47.00 ; SAR Peak: 0.63 W/kg

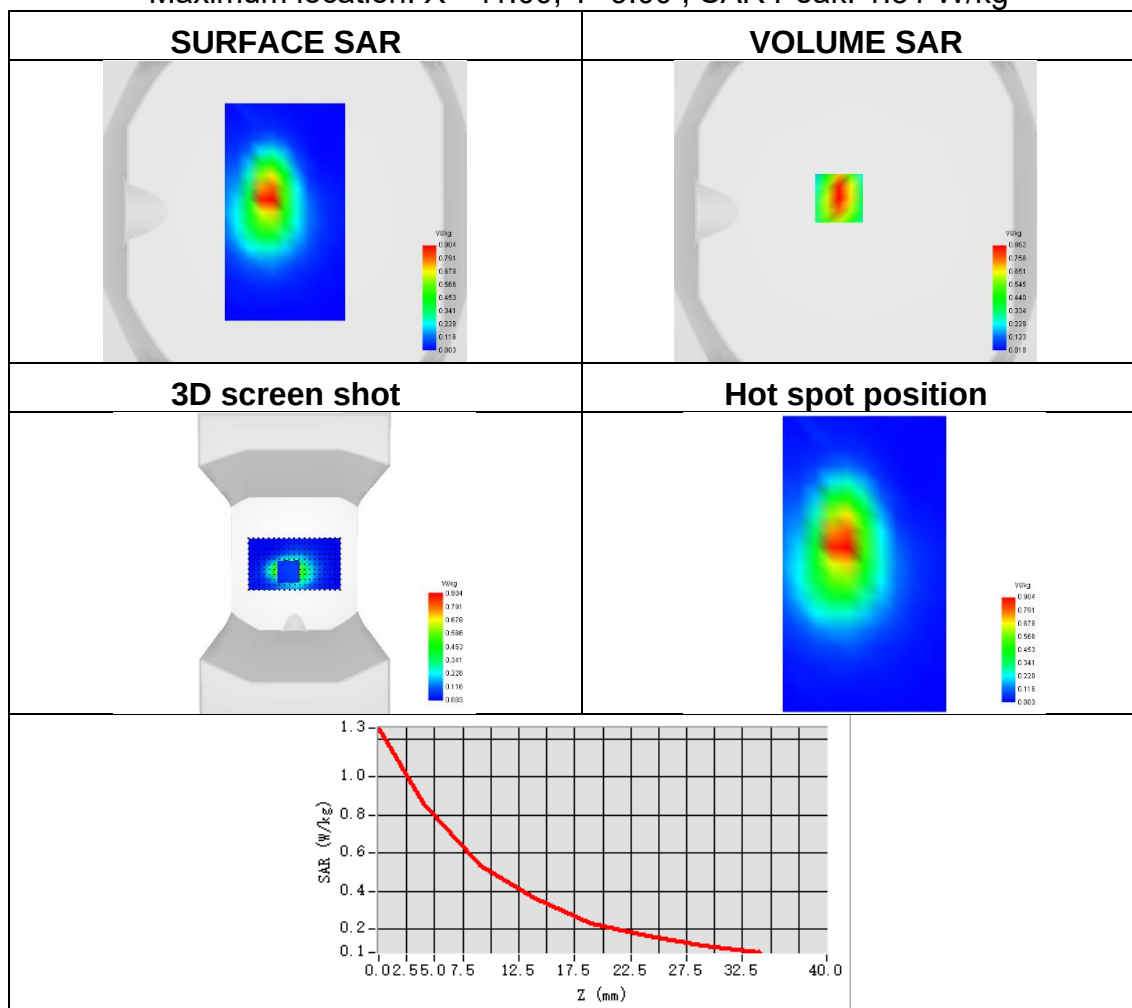




Plot 18:

Test Date	2025-12-12
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	LTE band 5
Signal	LTE FDD
Frequency	844
SAR 10g (W/Kg)	0.463
SAR 1g (W/Kg)	0.812
ConvF	1.02
Relative permittivity	40.82
Conductivity (S/m)	0.92

Maximum location: X=-11.00, Y=9.00 ; SAR Peak: 1.31 W/kg

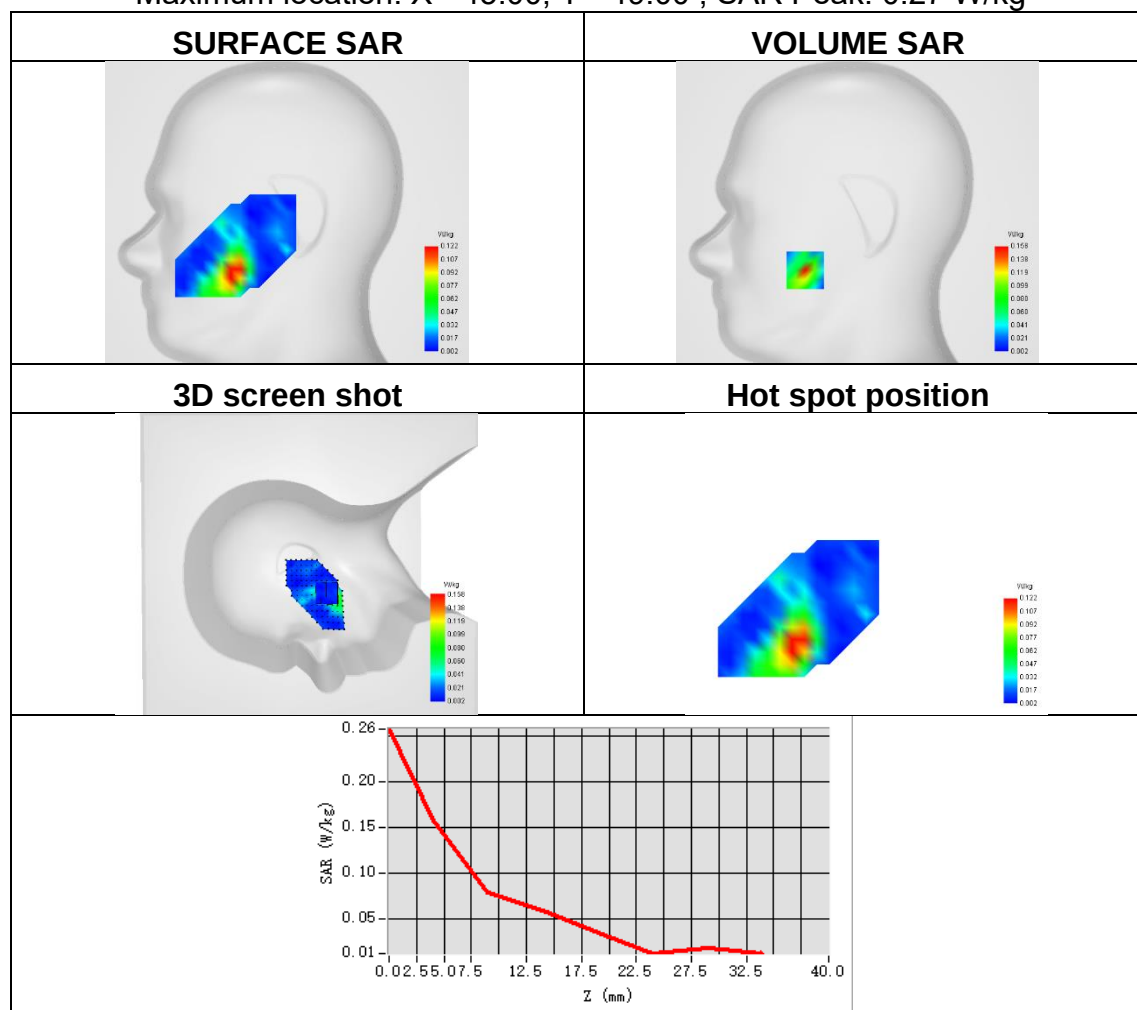




Plot 19:

Test Date	2025-12-16
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 7
Signal	LTE FDD
Frequency	2510
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.134
ConvF	1.44
Relative permittivity	39.50
Conductivity (S/m)	2.03

Maximum location: X=-45.00, Y=-49.00 ; SAR Peak: 0.27 W/kg

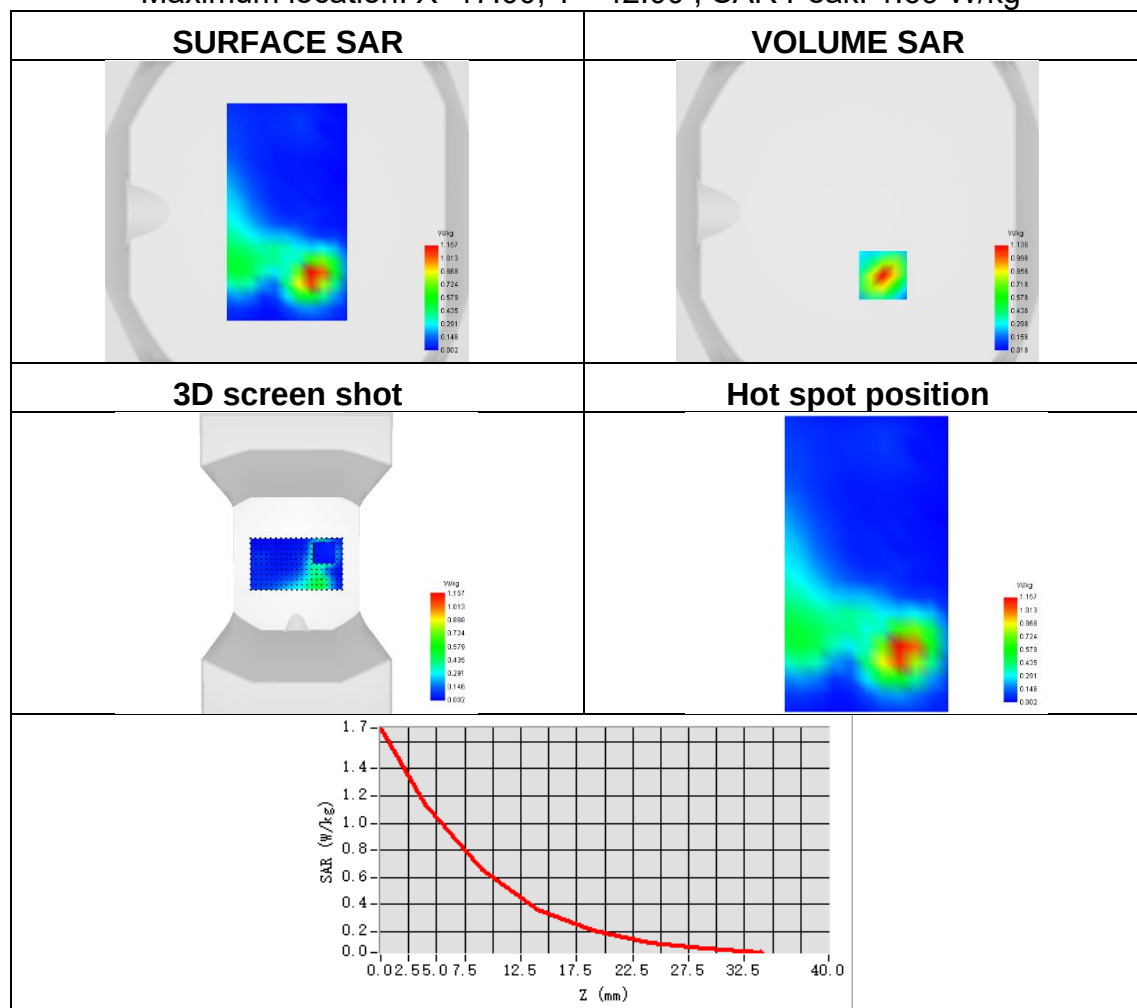




Plot 20:

Test Date	2025-12-16
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 7
Signal	LTE FDD
Frequency	2510
SAR 10g (W/Kg)	0.508
SAR 1g (W/Kg)	1.022
ConvF	1.44
Relative permittivity	39.50
Conductivity (S/m)	2.03

Maximum location: X=17.00, Y=-42.00 ; SAR Peak: 1.69 W/kg

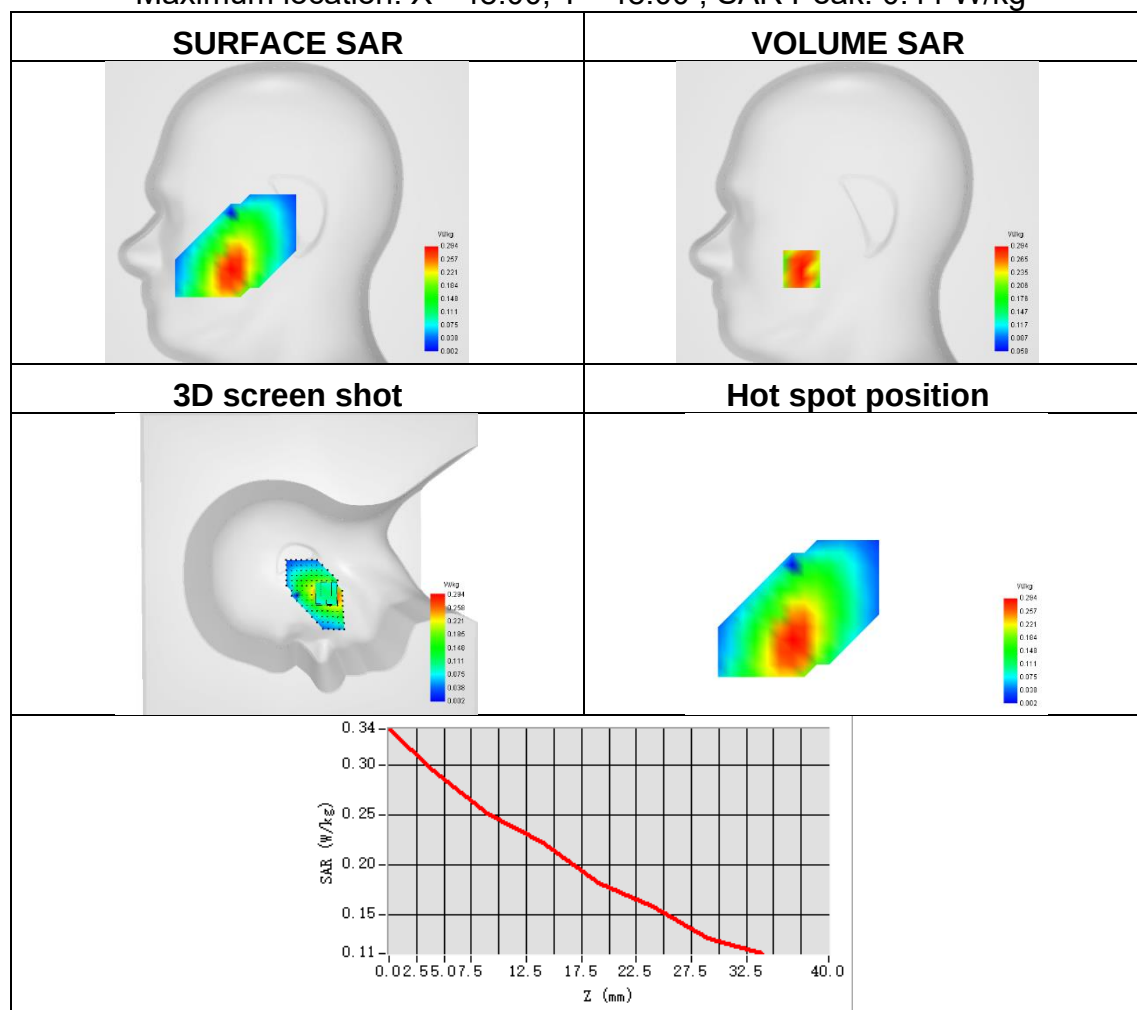




Plot 21:

Test Date	2025-12-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 12
Signal	LTE FDD
Frequency	704
SAR 10g (W/Kg)	0.218
SAR 1g (W/Kg)	0.292
ConvF	1.08
Relative permittivity	41.93
Conductivity (S/m)	0.87

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

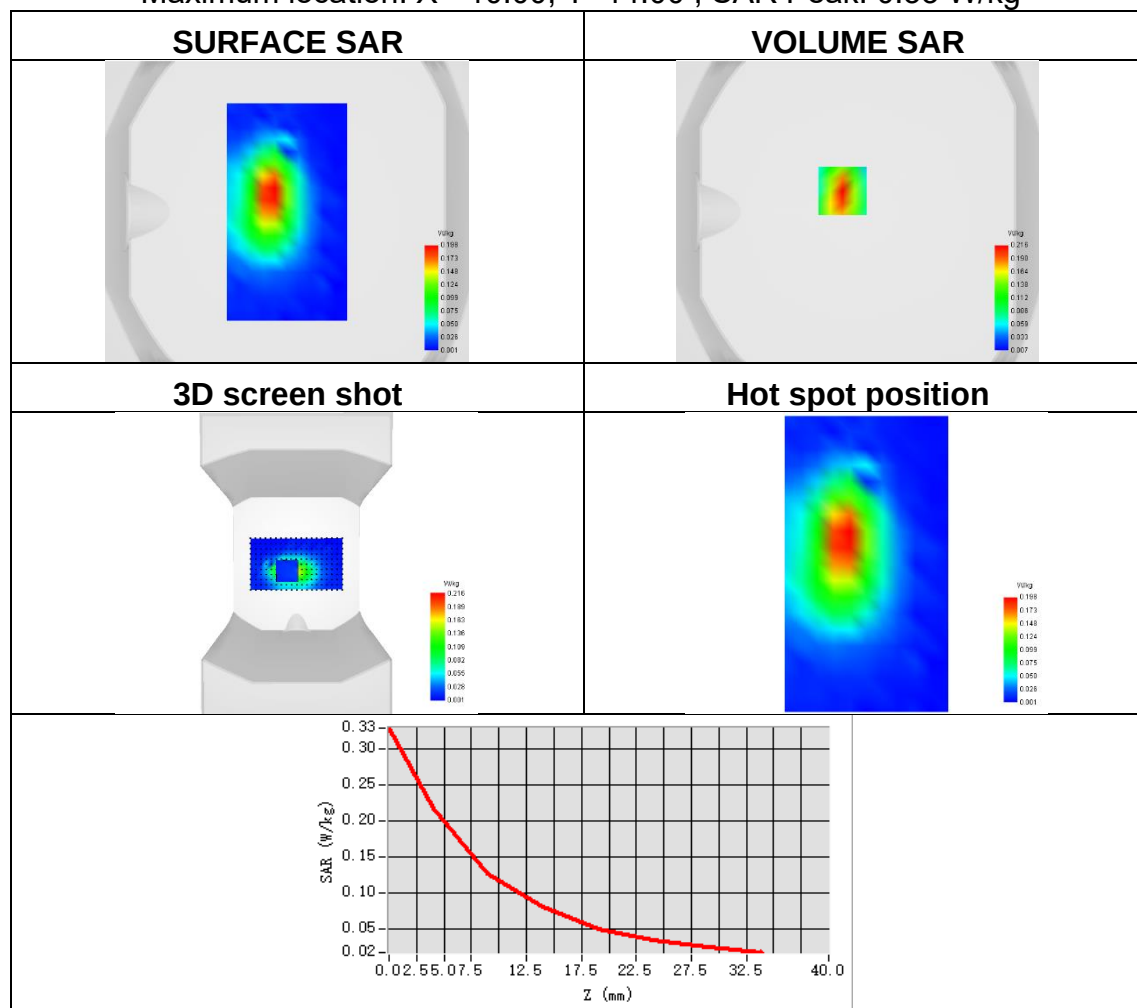




Plot 22:

Test Date	2025-12-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	LTE band 12
Signal	LTE FDD
Frequency	704
SAR 10g (W/Kg)	0.117
SAR 1g (W/Kg)	0.211
ConvF	1.08
Relative permittivity	41.93
Conductivity (S/m)	0.87

Maximum location: X=-10.00, Y=14.00 ; SAR Peak: 0.33 W/kg

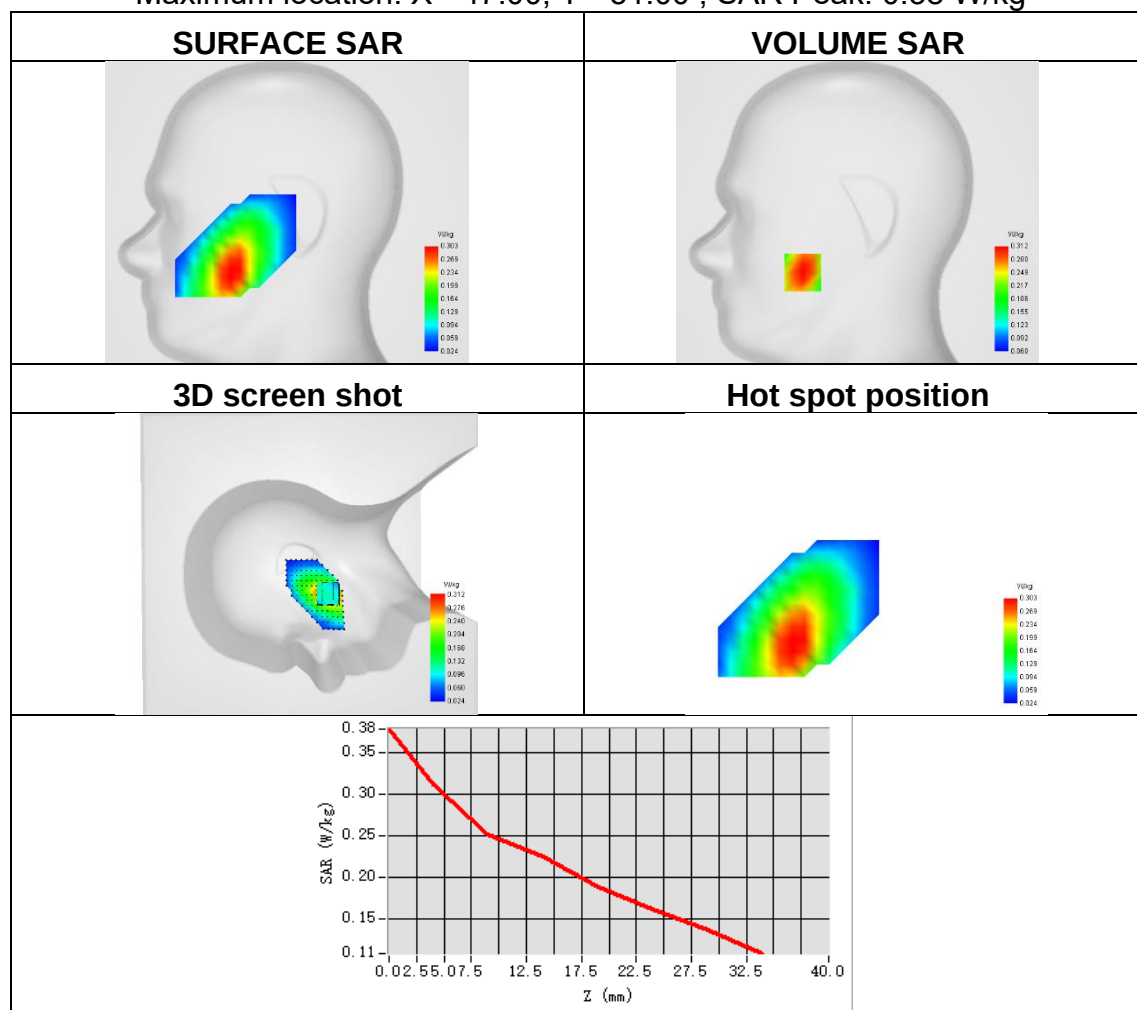




Plot 23:

Test Date	2025-12-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 17
Signal	LTE FDD
Frequency	709
SAR 10g (W/Kg)	0.244
SAR 1g (W/Kg)	0.311
ConvF	1.08
Relative permittivity	41.93
Conductivity (S/m)	0.87

Maximum location: X=-47.00, Y=-51.00 ; SAR Peak: 0.38 W/kg

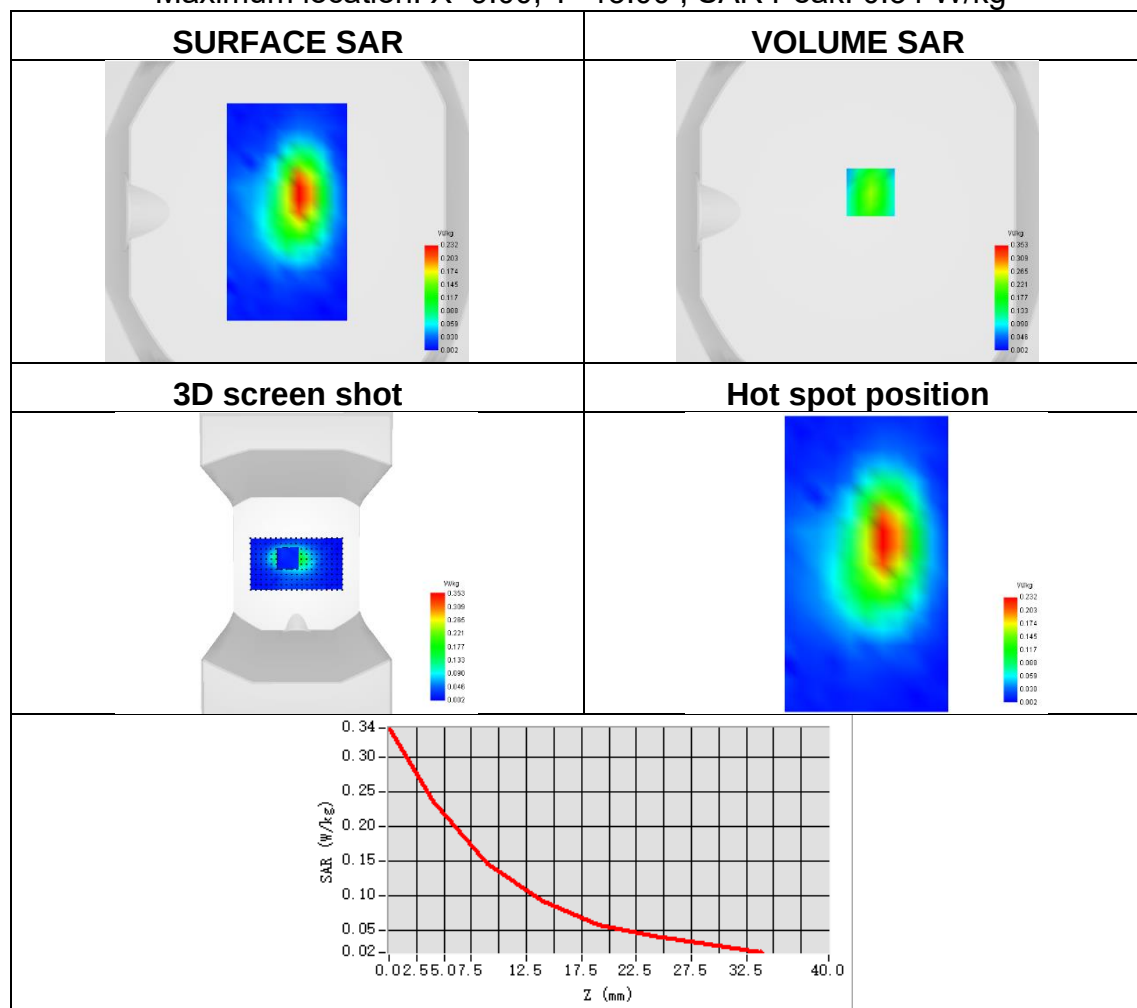




Plot 24:

Test Date	2025-12-18
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	LTE band 17
Signal	LTE FDD
Frequency	709
SAR 10g (W/Kg)	0.111
SAR 1g (W/Kg)	0.229
ConvF	1.08
Relative permittivity	41.93
Conductivity (S/m)	0.87

Maximum location: X=9.00, Y=13.00 ; SAR Peak: 0.34 W/kg

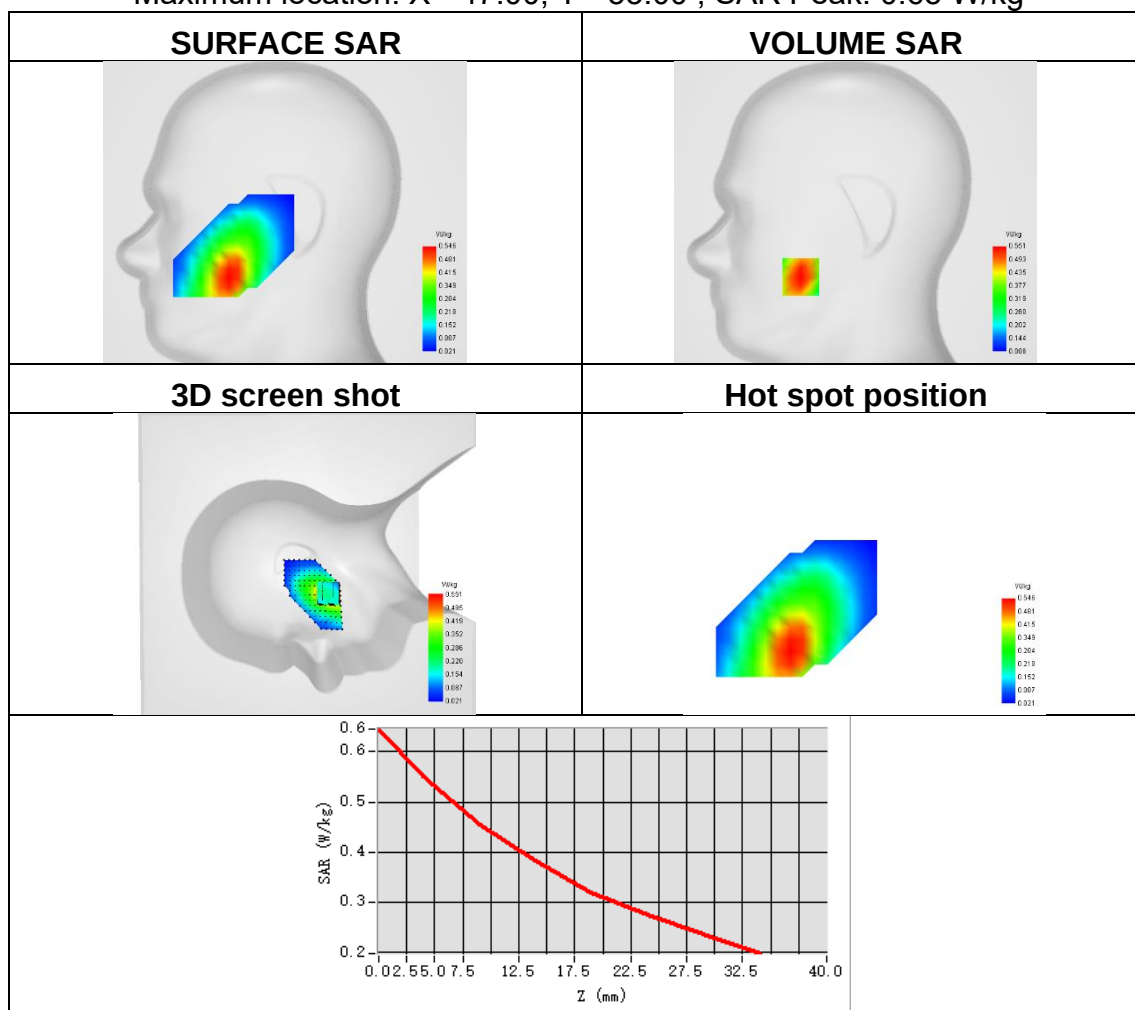




Plot 25:

Test Date	2025-12-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 26
Signal	LTE FDD
Frequency	819
SAR 10g (W/Kg)	0.413
SAR 1g (W/Kg)	0.531
ConvF	1.02
Relative permittivity	42.21
Conductivity (S/m)	0.89

Maximum location: X=-47.00, Y=-55.00 ; SAR Peak: 0.65 W/kg

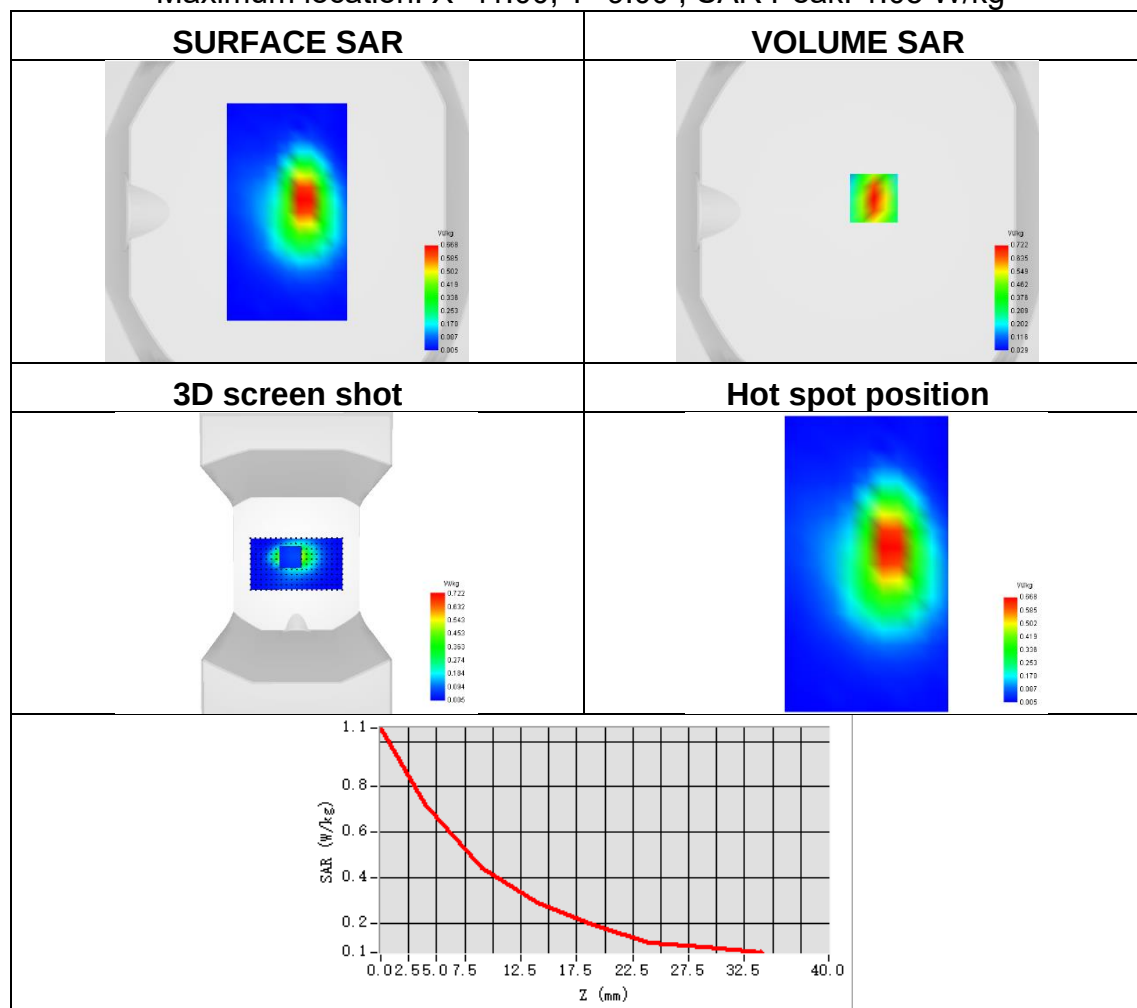




Plot 26:

Test Date	2025-12-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	LTE band 26
Signal	LTE FDD
Frequency	819
SAR 10g (W/Kg)	0.385
SAR 1g (W/Kg)	0.676
ConvF	1.02
Relative permittivity	42.21
Conductivity (S/m)	0.89

Maximum location: X=11.00, Y=9.00 ; SAR Peak: 1.05 W/kg

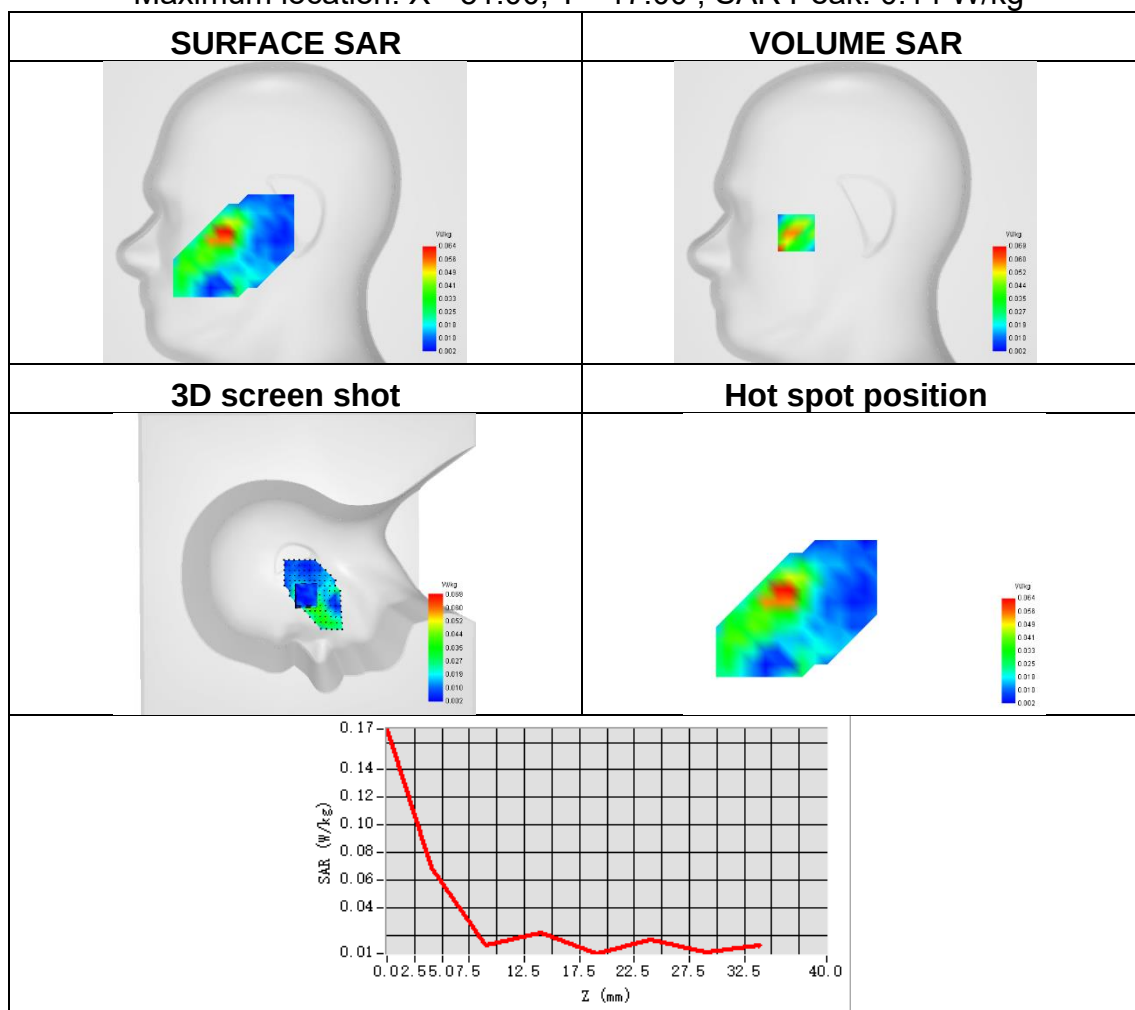




Plot 27:

Test Date	2025-12-16
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 38
Signal	LTE TDD
Frequency	2580
SAR 10g (W/Kg)	0.024
SAR 1g (W/Kg)	0.051
ConvF	1.44
Relative permittivity	39.50
Conductivity (S/m)	2.03

Maximum location: X=-51.00, Y=-17.00 ; SAR Peak: 0.14 W/kg

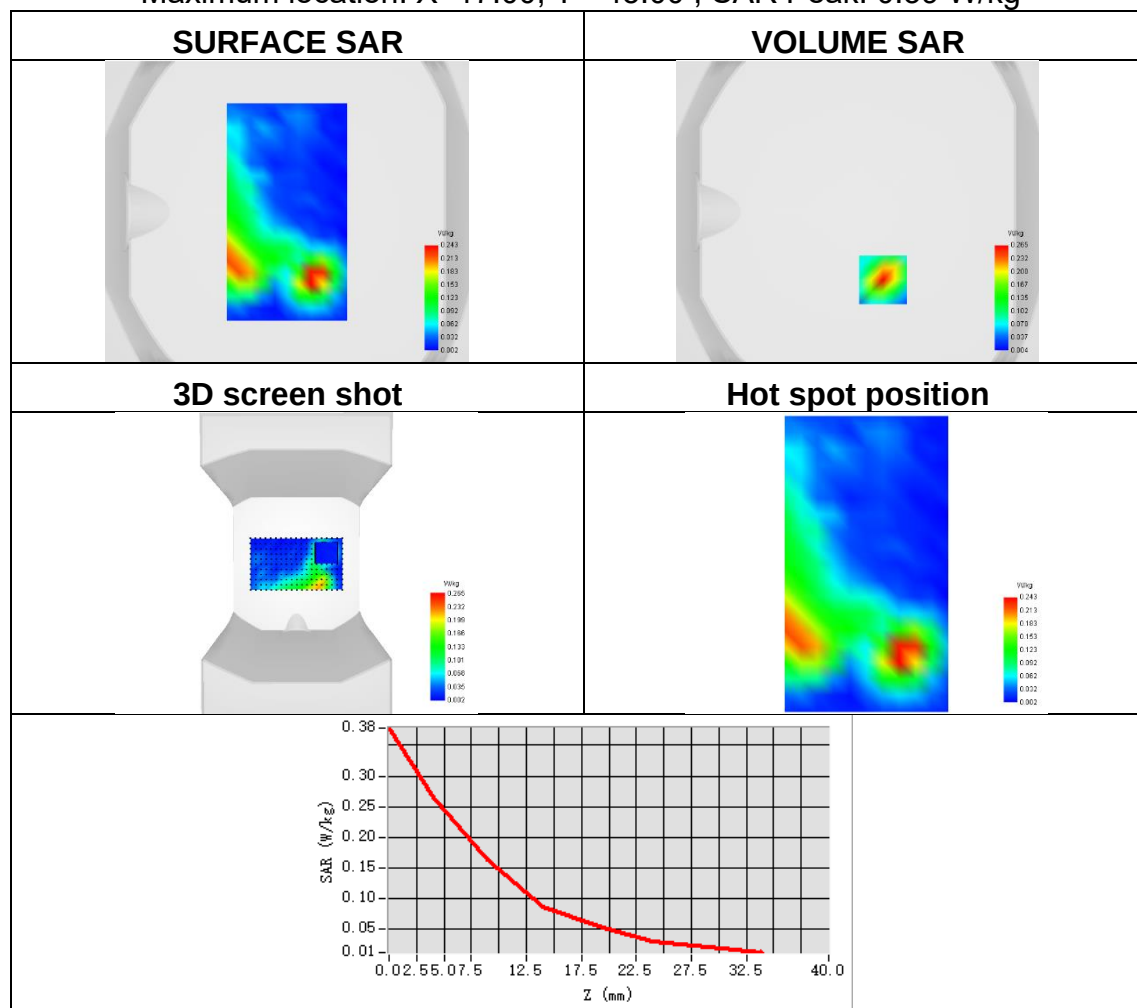




Plot 28:

Test Date	2025-12-16
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 38
Signal	LTE TDD
Frequency	2580
SAR 10g (W/Kg)	0.119
SAR 1g (W/Kg)	0.238
ConvF	1.44
Relative permittivity	39.50
Conductivity (S/m)	2.03

Maximum location: X=17.00, Y=-45.00 ; SAR Peak: 0.39 W/kg

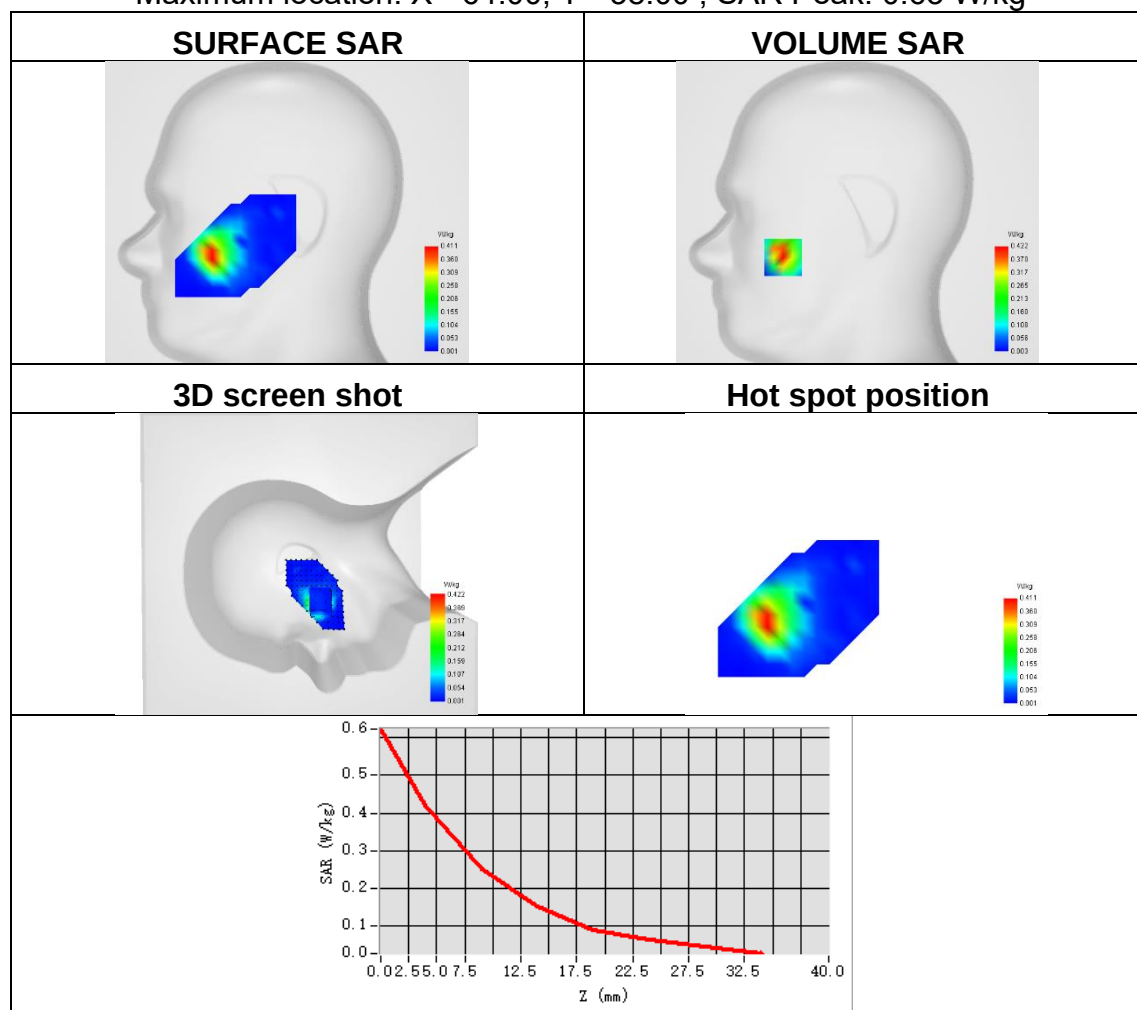




Plot 29:

Test Date	2025-12-20
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 40
Signal	LTE TDD
Frequency	2310
SAR 10g (W/Kg)	0.207
SAR 1g (W/Kg)	0.389
ConvF	1.47
Relative permittivity	40.10
Conductivity (S/m)	1.44

Maximum location: X=-64.00, Y=-38.00 ; SAR Peak: 0.63 W/kg

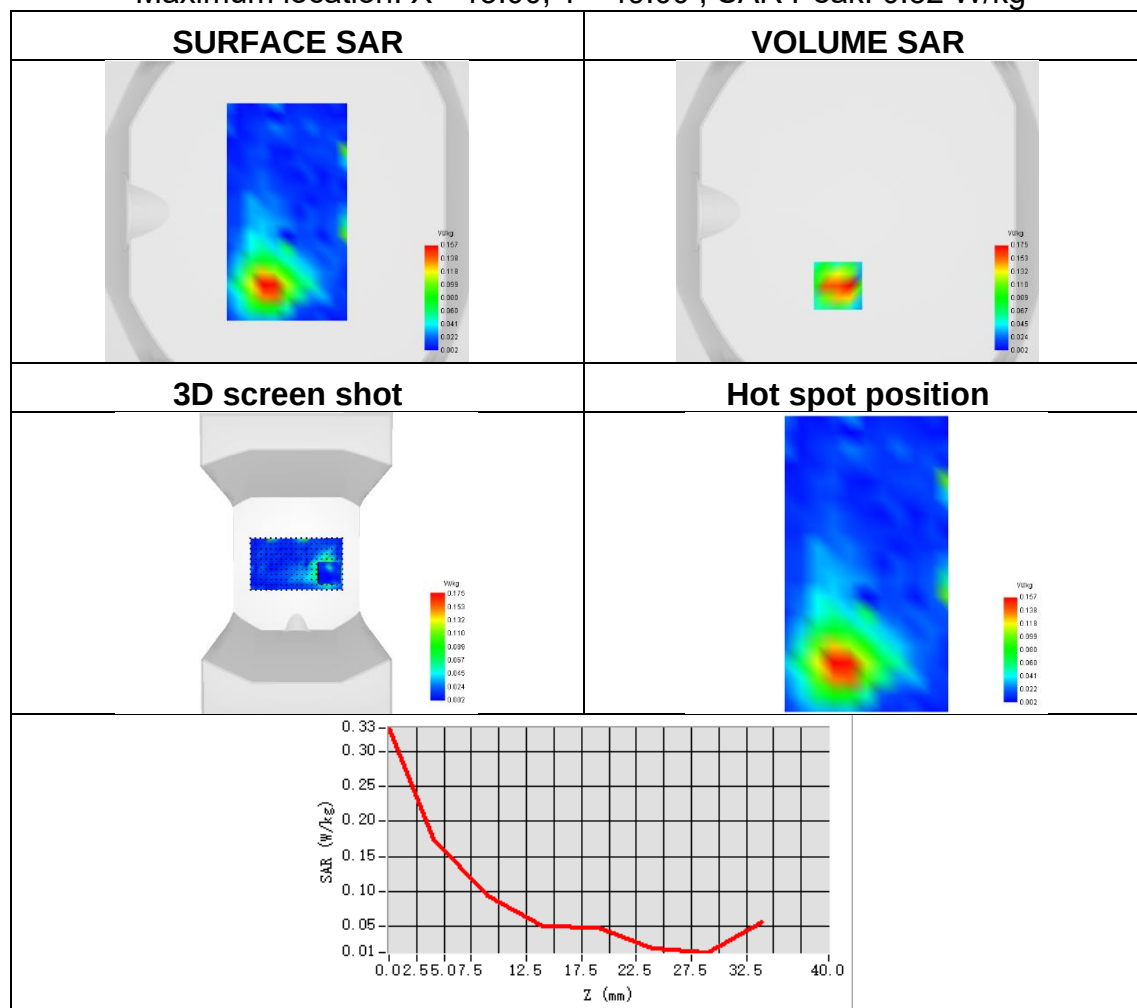




Plot 30:

Test Date	2025-12-20
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 40
Signal	LTE TDD
Frequency	2310
SAR 10g (W/Kg)	0.081
SAR 1g (W/Kg)	0.169
ConvF	1.47
Relative permittivity	40.10
Conductivity (S/m)	1.44

Maximum location: X=-13.00, Y=-49.00 ; SAR Peak: 0.32 W/kg

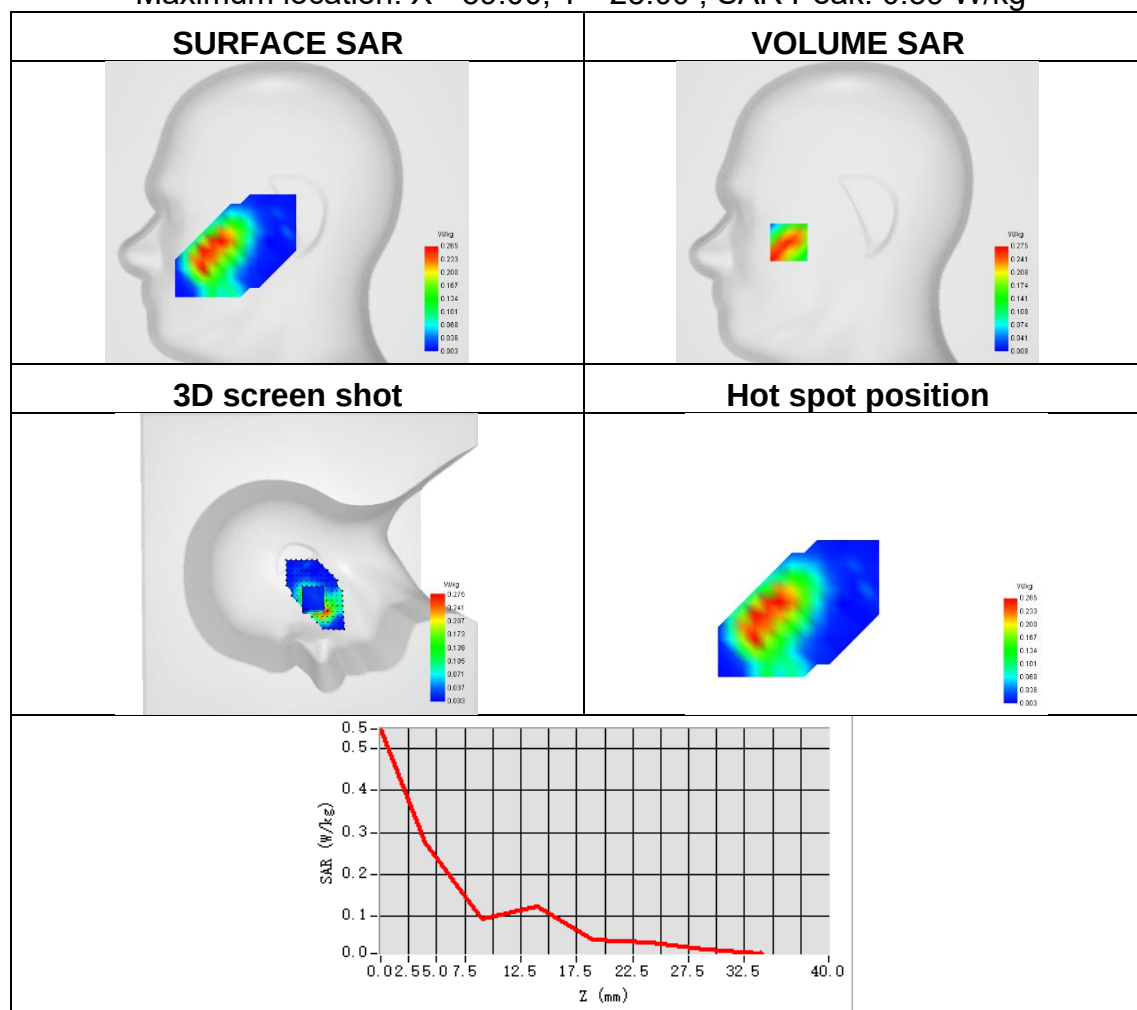




Plot 31:

Test Date	2025-12-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 41
Signal	LTE TDD
Frequency	2680
SAR 10g (W/Kg)	0.119
SAR 1g (W/Kg)	0.248
ConvF	1.44
Relative permittivity	39.66
Conductivity (S/m)	1.99

Maximum location: X=-59.00, Y=-25.00 ; SAR Peak: 0.39 W/kg

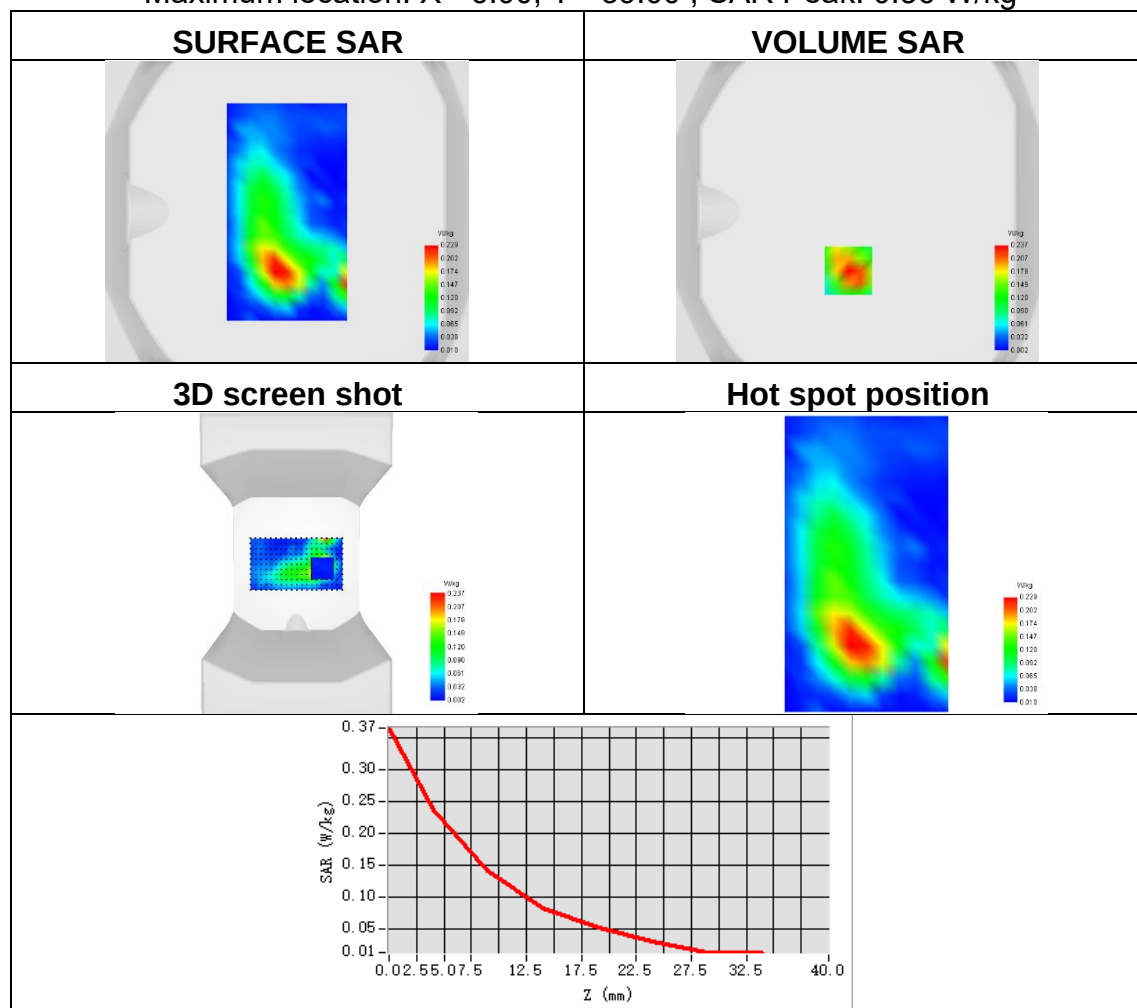




Plot 32:

Test Date	2025-12-21
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 41
Signal	LTE TDD
Frequency	2680
SAR 10g (W/Kg)	0.119
SAR 1g (W/Kg)	0.224
ConvF	1.44
Relative permittivity	39.66
Conductivity (S/m)	1.99

Maximum location: X=-6.00, Y=-39.00 ; SAR Peak: 0.36 W/kg

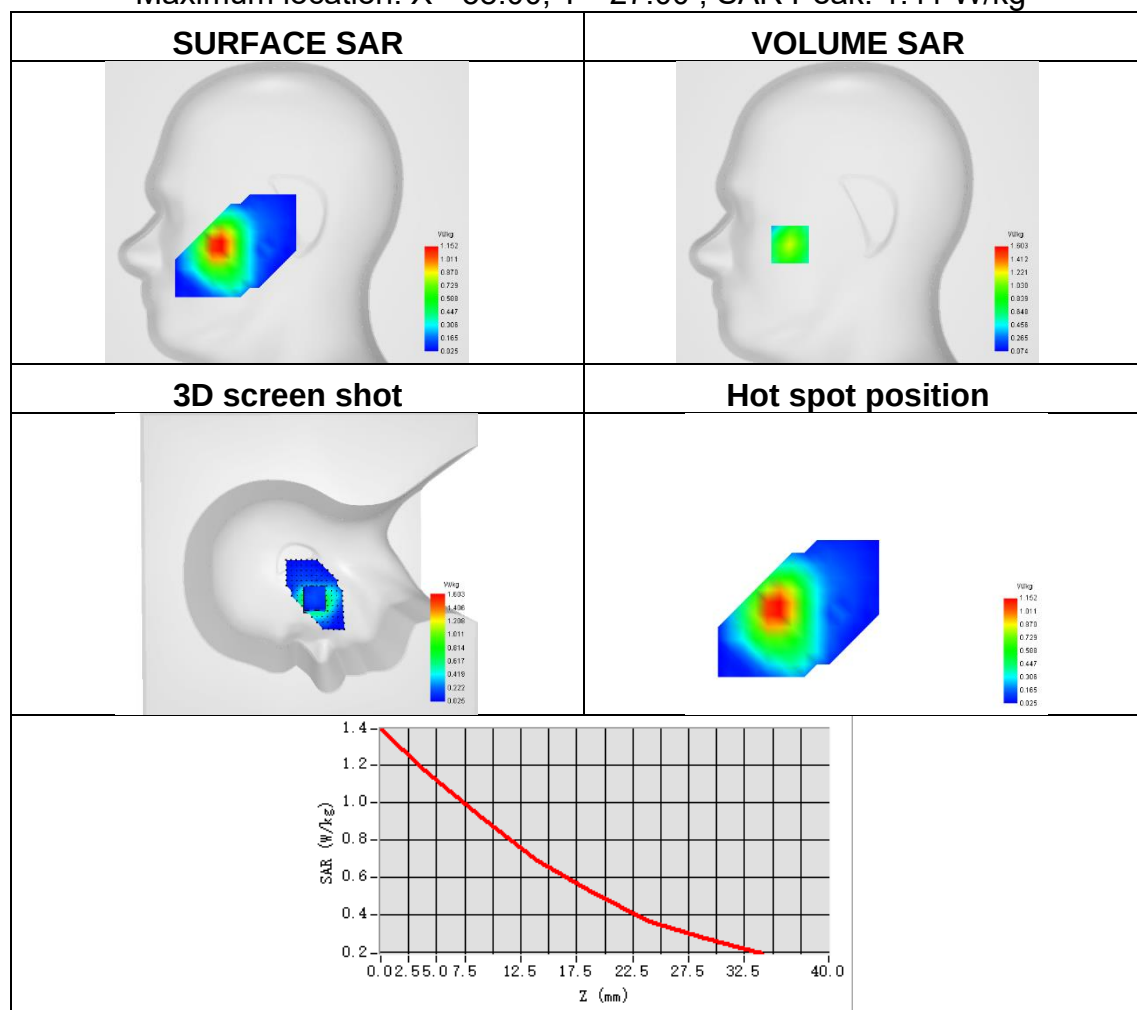




Plot 31:

Test Date	2025-12-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 66
Signal	LTE FDD
Frequency	1720
SAR 10g (W/Kg)	0.626
SAR 1g (W/Kg)	1.086
ConvF	1.21
Relative permittivity	41.09
Conductivity (S/m)	1.46

Maximum location: X=-58.00, Y=-27.00 ; SAR Peak: 1.41 W/kg

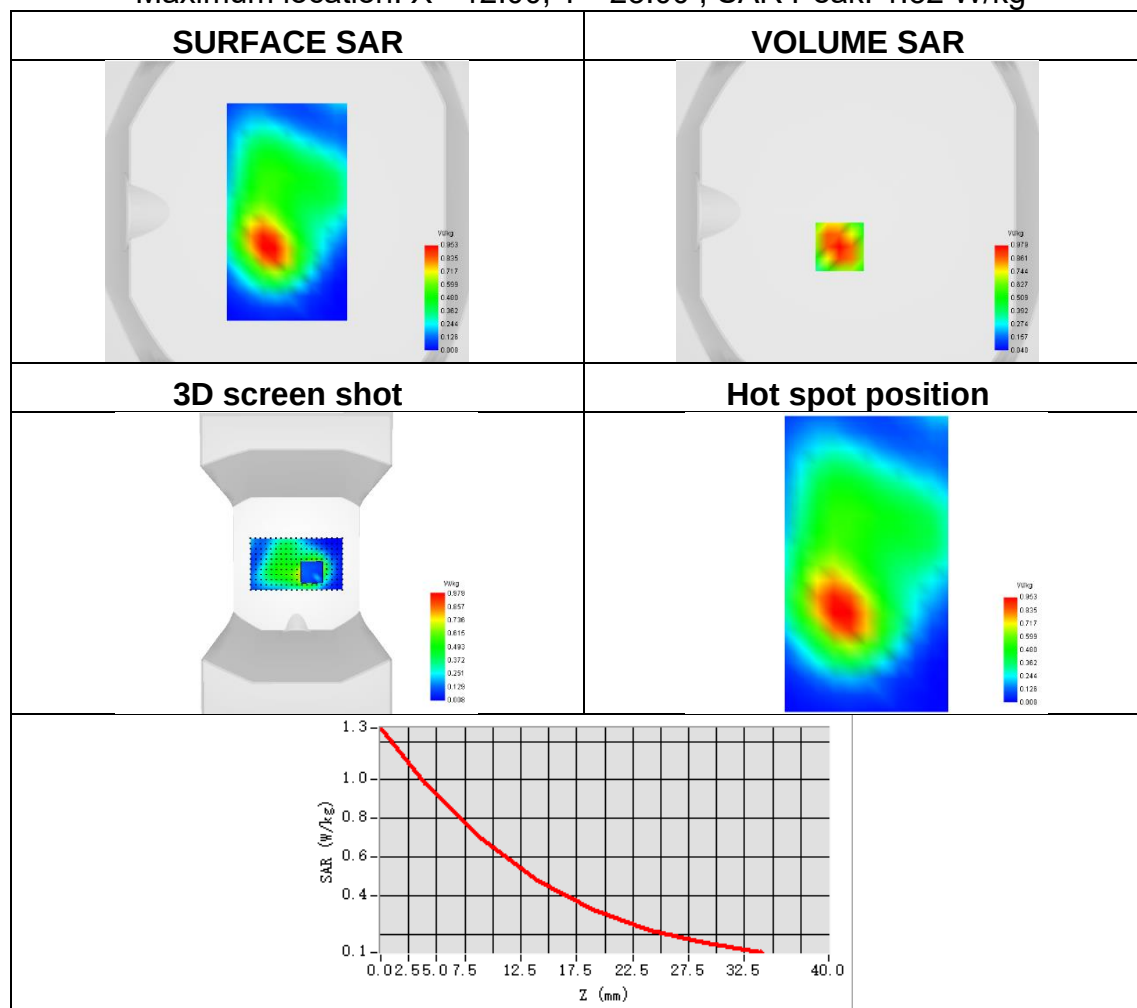




Plot 32:

Test Date	2025-12-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 66
Signal	LTE FDD
Frequency	1720
SAR 10g (W/Kg)	0.599
SAR 1g (W/Kg)	0.931
ConvF	1.21
Relative permittivity	41.09
Conductivity (S/m)	1.46

Maximum location: X=-12.00, Y=-23.00 ; SAR Peak: 1.32 W/kg





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※