



			50	24	Left Cheek	2560	0.786	-0.11	20.40	20.11	1.069	0.840	/
			100	24	Left Cheek	2510	0.714	0.03	20.90	20.61	1.069	0.763	/
			100	24	Left Cheek	2535	0.678	2.32	20.40	20.16	1.057	0.717	/
			100	24	Left Cheek	2560	0.7	-2.81	20.40	20.11	1.069	0.748	/
			1	99	Left Tilt	2510	0.527	-2.92	22.00	21.71	1.069	0.563	/
			50	24	Left Tilt	2510	0.531	3.96	20.90	20.61	1.069	0.568	/
LTE Band 13	10M	QPSK	1	0	Right Cheek	782	0.346	-1.25	24.60	24.28	1.076	0.372	29
			25	0	Right Cheek	782	0.309	1.09	23.40	23.09	1.074	0.332	/
			1	0	Right Tilt	782	0.208	-1.83	24.60	24.28	1.076	0.224	/
			25	0	Right Tilt	782	0.188	-1.51	23.40	23.09	1.074	0.202	/
			1	0	Left Cheek	782	0.229	-1.66	24.60	24.28	1.076	0.247	/
			25	0	Left Cheek	782	0.208	-0.60	23.40	23.09	1.074	0.223	/
			1	0	Left Tilt	782	0.141	-1.03	24.60	24.28	1.076	0.152	/
			25	0	Left Tilt	782	0.129	3.27	23.40	23.09	1.074	0.139	/
LTE Band 38	20M	QPSK	1	0	Right Cheek	2610	0.285	-2.53	25.10	24.76	1.081	0.308	/
			50	0	Right Cheek	2610	0.259	0.81	24.50	24.15	1.084	0.281	/
			1	0	Right Tilt	2610	0.173	0.05	25.10	24.76	1.081	0.187	/
			50	0	Right Tilt	2610	0.155	2.31	24.50	24.15	1.084	0.168	/
			1	0	Left Cheek	2610	0.372	3.10	25.10	24.76	1.081	0.402	31
			50	0	Left Cheek	2610	0.334	-0.58	24.50	24.15	1.084	0.362	/
			1	0	Left Tilt	2610	0.226	3.84	25.10	24.76	1.081	0.244	/
			50	0	Left Tilt	2610	0.201	2.93	24.50	24.15	1.084	0.218	/
LTE Band 40	10M	QPSK	1	0	Right Cheek	2360	0.21	-2.58	15.20	14.90	1.072	0.225	/
			50	0	Right Cheek	2360	0.192	0.98	14.50	14.19	1.074	0.206	/
			1	0	Right Tilt	2360	0.127	-1.86	15.20	14.90	1.072	0.136	/
			50	0	Right Tilt	2360	0.116	2.28	14.50	14.19	1.074	0.125	/
			1	0	Left Cheek	2360	0.274	-2.75	15.20	14.90	1.072	0.294	33
			50	0	Left Cheek	2360	0.248	0.82	14.50	14.19	1.074	0.266	/
			1	0	Left Tilt	2360	0.164	2.42	15.20	14.90	1.072	0.176	/
			50	0	Left Tilt	2360	0.148	-0.52	14.50	14.19	1.074	0.159	/
LTE Band 41	20M	QPSK	1	0	Right Cheek	2680	0.29	-0.39	25.00	24.65	1.084	0.314	/
			50	0	Right Cheek	2680	0.262	1.00	24.40	24.05	1.084	0.284	/
			1	0	Right Tilt	2680	0.175	2.49	25.00	24.65	1.084	0.190	/
			50	0	Right Tilt	2680	0.157	-3.68	24.40	24.05	1.084	0.170	/
			1	0	Left Cheek	2680	0.382	0.64	25.00	24.65	1.084	0.414	35
			50	0	Left Cheek	2680	0.349	1.92	24.40	24.05	1.084	0.378	/



LTE Band 66	20M	QPSK	1	0	Left Tilt	2680	0.234	-1.34	25.00	24.65	1.084	0.254	/
			50	0	Left Tilt	2680	0.21	3.79	24.40	24.05	1.084	0.228	/
			1	0	Right Cheek	1745	0.362	-3.81	24.60	24.25	1.084	0.392	/
			50	0	Right Cheek	1770	0.326	0.80	23.50	23.16	1.081	0.353	/
			1	0	Right Tilt	1745	0.22	1.22	24.60	24.25	1.084	0.238	/
			50	0	Right Tilt	1770	0.197	1.45	23.50	23.16	1.081	0.213	/
			1	0	Left Cheek	1745	0.478	-0.18	24.60	24.25	1.084	0.518	37
			50	0	Left Cheek	1770	0.431	0.97	23.50	23.16	1.081	0.466	/
			1	0	Left Tilt	1745	0.287	0.04	24.60	24.25	1.084	0.311	/
			50	0	Left Tilt	1770	0.26	0.87	23.50	23.16	1.081	0.281	/

Note:

1. 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

2. Per KDB 865664 D01, Repeated measurement is not required when the original highest measured SAR is <0.80 W/kg.



12.2 Body-worn and Hotspot SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM850	EGPRS (8PSK, 4-Slot)	Front Side	848.8	0.268	1.20	28.70	28.39	1.074	0.288	/
		Back Side	848.8	0.328	3.38	28.70	28.39	1.074	0.352	/
		Left Side	848.8	0.141	2.46	28.70	28.39	1.074	0.151	/
		Right Side	848.8	0.306	-0.22	28.70	28.39	1.074	0.329	/
		Top Side	848.8	0.073	-1.43	28.70	28.39	1.074	0.078	/
		Bottom Side	848.8	0.397	0.45	28.70	28.39	1.074	0.426	2
PCS 1900	GPRS Data-4 Slot	Front Side	1880	0.482	3.42	25.90	25.58	1.076	0.519	/
		Back Side	1880	0.538	-1.64	25.90	25.58	1.076	0.579	4
		Left Side	1880	0.42	-1.98	25.90	25.58	1.076	0.452	/
		Right Side	1880	0.148	3.19	25.90	25.58	1.076	0.159	/
		Bottom Side	1880	0.437	-3.48	25.90	25.58	1.076	0.470	/
WCDMA Band II	RMC	Front Side	1852.4	0.397	-0.27	25.60	25.27	1.079	0.428	/
		Back Side	1852.4	0.433	2.81	25.60	25.27	1.079	0.467	6
		Left Side	1852.4	0.344	-3.60	25.60	25.27	1.079	0.371	/
		Right Side	1852.4	0.115	-3.63	25.60	25.27	1.079	0.124	/
		Bottom Side	1852.4	0.361	3.37	25.60	25.27	1.079	0.389	/
WCDMA Band IV	RMC	Front Side	1740	0.701	-2.38	25.40	25.08	1.076	0.755	/
		Back Side	1712.6	0.768	2.15	25.20	24.89	1.074	0.825	/
		Back Side	1740	0.783	1.16	25.40	25.08	1.076	0.843	8
		Back Side	1752.4	0.775	1.42	25.40	25.06	1.081	0.838	/
		Left Side	1740	0.614	-1.11	25.40	25.08	1.076	0.661	/
		Right Side	1740	0.212	-1.38	25.40	25.08	1.076	0.228	/
		Bottom Side	1740	0.638	-2.54	25.40	25.08	1.076	0.687	/
WCDMA Band V	RMC	Front Side	846.6	0.230	-0.16	25.60	25.32	1.067	0.245	/
		Back Side	846.6	0.303	3.51	25.60	25.32	1.067	0.323	/
		Left Side	846.6	0.117	-3.02	25.60	25.32	1.067	0.125	/
		Right Side	846.6	0.280	3.16	25.60	25.32	1.067	0.299	/
		Bottom Side	846.6	0.367	2.61	25.60	25.32	1.067	0.391	10
2.4GHz WLAN	802.11b	Front Side	2412	0.151	2.63	15.50	15.42	1.019	0.154	/
		Back Side	2412	0.192	1.35	15.50	15.42	1.019	0.196	/
		Right Side	2412	0.149	3.23	15.50	15.42	1.019	0.152	/
		Top Side	2412	0.206	0.59	15.50	15.42	1.019	0.210	12
5.2GHz WLAN	802.11a	Front Side	5200	0.332	1.05	16.60	16.33	1.064	0.353	/
		Back Side	5200	0.369	-1.01	16.60	16.33	1.064	0.393	/
		Right Side	5200	0.346	0.28	16.60	16.33	1.064	0.368	/
		Top Side	5200	0.392	2.24	16.60	16.33	1.064	0.417	14
5.3GHz WLAN	802.11a	Front Side	5300	0.303	3.73	15.80	15.50	1.072	0.325	/
		Back Side	5300	0.335	-2.05	15.80	15.50	1.072	0.359	/
		Right Side	5300	0.315	-2.35	15.80	15.50	1.072	0.338	/
		Top Side	5300	0.357	1.93	15.80	15.50	1.072	0.383	16
5.6GHz WLAN	802.11a	Front Side	5580	0.158	1.67	16.20	15.86	1.081	0.171	/
		Back Side	5580	0.176	-1.01	16.20	15.86	1.081	0.190	/
		Right Side	5580	0.167	-3.80	16.20	15.86	1.081	0.181	/
		Top Side	5580	0.185	3.89	16.20	15.86	1.081	0.200	18
5.8GHz WLAN	802.11a	Front Side	5745	0.186	0.36	13.80	13.52	1.067	0.198	/
		Back Side	5745	0.211	1.76	13.80	13.52	1.067	0.225	/
		Right Side	5745	0.199	3.88	13.80	13.52	1.067	0.212	/
		Top Side	5745	0.222	-0.20	13.80	13.52	1.067	0.237	20



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	0	Front side	1860	0.642	2.46	24.50	24.32	1.042	0.669	/
			50	49	Front side	1860	0.579	2.82	23.50	23.27	1.054	0.610	/
			1	0	Back Side	1860	0.752	2.96	24.50	24.32	1.042	0.784	22
			50	49	Back Side	1860	0.676	-3.08	23.50	23.27	1.054	0.713	/
			1	0	Left Side	1860	0.59	-1.87	24.50	24.32	1.042	0.615	/
			50	49	Left Side	1860	0.531	0.42	23.50	23.27	1.054	0.560	/
			1	0	Right Side	1860	0.201	1.74	24.50	24.32	1.042	0.210	/
			50	49	Right Side	1860	0.181	1.40	23.50	23.27	1.054	0.191	/
			1	0	Bottom Side	1860	0.613	1.78	24.50	24.32	1.042	0.639	/
			50	49	Bottom Side	1860	0.551	3.12	23.50	23.27	1.054	0.581	/
LTE Band 4	20M	QPSK	1	99	Front side	1732.5	0.403	1.61	22.50	22.15	1.084	0.437	/
			50	49	Front side	1732.5	0.365	-2.79	21.40	21.06	1.081	0.395	/
			1	99	Back Side	1732.5	0.473	-1.25	22.50	22.15	1.084	0.513	24
			50	49	Back Side	1732.5	0.426	-1.87	21.40	21.06	1.081	0.461	/
			1	99	Left Side	1732.5	0.371	0.76	22.50	22.15	1.084	0.402	/
			50	49	Left Side	1732.5	0.336	-1.45	21.40	21.06	1.081	0.363	/
			1	99	Right Side	1732.5	0.129	-0.39	22.50	22.15	1.084	0.140	/
			50	49	Right Side	1732.5	0.115	-3.27	21.40	21.06	1.081	0.124	/
			1	99	Bottom Side	1732.5	0.384	3.71	22.50	22.15	1.084	0.416	/
			50	49	Bottom Side	1732.5	0.346	1.56	21.40	21.06	1.081	0.374	/
LTE Band 5	10M	QPSK	1	49	Front side	844	0.289	-2.17	24.70	24.42	1.067	0.308	/
			25	24	Front side	844	0.26	-2.64	23.70	23.36	1.081	0.281	/
			1	49	Back Side	844	0.353	-1.23	24.70	24.42	1.067	0.377	/
			25	24	Back Side	844	0.321	0.30	23.70	23.36	1.081	0.347	/
			1	49	Left Side	844	0.149	1.94	24.70	24.42	1.067	0.159	/
			25	24	Left Side	844	0.134	-1.94	23.70	23.36	1.081	0.145	/
			1	49	Right Side	844	0.328	1.21	24.70	24.42	1.067	0.350	/
			25	24	Right Side	844	0.298	-2.99	23.70	23.36	1.081	0.322	/
			1	49	Bottom Side	844	0.427	-1.90	24.70	24.42	1.067	0.455	26
			25	24	Bottom Side	844	0.386	-2.37	23.70	23.36	1.081	0.417	/
	20M	QPSK	1	99	Front side	2510	0.681	0.30	22.00	21.71	1.069	0.728	/



LTE Band 7			50	24	Front side	2510	0.616	-0.35	20.90	20.61	1.069	0.659	/
			1	99	Back Side	2510	0.800	0.23	22.00	21.71	1.069	0.855	28
			1	99	Back Side	2535	0.779	-3.07	21.40	21.18	1.052	0.819	/
			1	99	Back Side	2560	0.784	-3.94	21.50	21.18	1.076	0.844	/
			50	24	Back Side	2510	0.723	2.74	20.90	20.61	1.069	0.773	/
			1	99	Left Side	2510	0.626	-3.41	22.00	21.71	1.069	0.669	/
			50	24	Left Side	2510	0.566	-3.10	20.90	20.61	1.069	0.605	/
			1	99	Right Side	2510	0.217	-1.00	22.00	21.71	1.069	0.232	/
			50	24	Right Side	2510	0.197	3.53	20.90	20.61	1.069	0.211	/
			1	99	Bottom Side	2510	0.648	0.61	22.00	21.71	1.069	0.693	/
			50	24	Bottom Side	2510	0.583	-0.82	20.90	20.61	1.069	0.623	/
LTE Band 13	10M	QPSK	1	0	Front side	782	0.271	-2.36	24.60	24.28	1.076	0.292	/
			25	0	Front side	782	0.244	3.52	23.40	23.09	1.074	0.262	/
			1	0	Back Side	782	0.332	3.22	24.60	24.28	1.076	0.357	/
			25	0	Back Side	782	0.3	-3.11	23.40	23.09	1.074	0.322	/
			1	0	Left Side	782	0.142	-3.91	24.60	24.28	1.076	0.153	/
			25	0	Left Side	782	0.131	1.83	23.40	23.09	1.074	0.141	/
			1	0	Right Side	782	0.307	0.73	24.60	24.28	1.076	0.330	/
			25	0	Right Side	782	0.277	-3.75	23.40	23.09	1.074	0.297	/
			1	0	Bottom Side	782	0.402	-2.81	24.60	24.28	1.076	0.433	30
			25	0	Bottom Side	782	0.36	-2.72	23.40	23.09	1.074	0.387	/
LTE Band 38	20M	QPSK	1	0	Front side	2610	0.385	0.74	25.10	24.76	1.081	0.416	/
			50	0	Front side	2610	0.347	0.10	24.50	24.15	1.084	0.376	/
			1	0	Back Side	2610	0.451	-0.20	25.10	24.76	1.081	0.488	32
			50	0	Back Side	2610	0.405	-2.87	24.50	24.15	1.084	0.439	/
			1	0	Left Side	2610	0.353	-0.32	25.10	24.76	1.081	0.382	/
			50	0	Left Side	2610	0.317	0.32	24.50	24.15	1.084	0.344	/
			1	0	Right Side	2610	0.124	3.95	25.10	24.76	1.081	0.134	/
			50	0	Right Side	2610	0.114	-3.19	24.50	24.15	1.084	0.124	/
			1	0	Bottom Side	2610	0.367	-2.02	25.10	24.76	1.081	0.397	/
			50	0	Bottom Side	2610	0.329	3.37	24.50	24.15	1.084	0.357	/
LTE Band 40	10M	QPSK	1	0	Front side	2360	0.23	-2.77	15.20	14.90	1.072	0.246	/
			50	0	Front side	2360	0.207	2.76	14.50	14.19	1.074	0.222	/



			1	0	Back Side	2360	0.269	-0.55	15.20	14.90	1.072	0.288	34
			50	0	Back Side	2360	0.241	3.66	14.50	14.19	1.074	0.259	/
			1	0	Left Side	2360	0.211	-0.25	15.20	14.90	1.072	0.226	/
			50	0	Left Side	2360	0.193	0.77	14.50	14.19	1.074	0.207	/
			1	0	Bottom Side	2360	0.218	-2.64	15.20	14.90	1.072	0.234	/
			50	0	Bottom Side	2360	0.199	-3.70	14.50	14.19	1.074	0.214	/
LTE Band 41	20M	QPSK	1	0	Front side	2680	0.395	2.88	25.00	24.65	1.084	0.428	/
			50	0	Front side	2680	0.356	1.62	24.40	24.05	1.084	0.386	/
			1	0	Back Side	2680	0.463	1.79	25.00	24.65	1.084	0.502	36
			50	0	Back Side	2680	0.416	-1.00	24.40	24.05	1.084	0.451	/
			1	0	Left Side	2680	0.365	2.48	25.00	24.65	1.084	0.396	/
			50	0	Left Side	2680	0.328	3.35	24.40	24.05	1.084	0.356	/
			1	0	Right Side	2680	0.125	2.02	25.00	24.65	1.084	0.135	/
			50	0	Right Side	2680	0.112	-0.31	24.40	24.05	1.084	0.121	/
			1	0	Bottom Side	2680	0.375	-1.39	25.00	24.65	1.084	0.406	/
			50	0	Bottom Side	2680	0.341	-3.90	24.40	24.05	1.084	0.370	/
LTE Band 66	20M	QPSK	1	0	Front side	1745	0.498	2.97	24.60	24.25	1.084	0.540	/
			50	0	Front side	1770	0.447	-2.77	23.50	23.16	1.081	0.483	/
			1	0	Back Side	1745	0.582	0.39	24.60	24.25	1.084	0.631	38
			50	0	Back Side	1770	0.527	-3.23	23.50	23.16	1.081	0.570	/
			1	0	Left Side	1745	0.458	2.33	24.60	24.25	1.084	0.496	/
			50	0	Left Side	1770	0.412	-1.50	23.50	23.16	1.081	0.446	/
			1	0	Right Side	1745	0.157	2.31	24.60	24.25	1.084	0.170	/
			50	0	Right Side	1770	0.144	1.68	23.50	23.16	1.081	0.156	/
			1	0	Bottom Side	1745	0.473	-1.16	24.60	24.25	1.084	0.513	/
			50	0	Bottom Side	1770	0.425	-2.37	23.50	23.16	1.081	0.460	/

Note:

- The test separation of all above table is 10mm.
- Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - 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.
 - Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor
- 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	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)
WCDMA Band IV	RMC	Back Side	1712.6	0.768	3.38	25.20	24.89	1.074
		Back Side	1740	0.783	-3.30	25.40	25.08	1.076
		Back Side	1752.4	0.775	1.15	25.40	25.06	1.081

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)	Scaled SAR (W/Kg)
LTE Band 7	20M	QPSK	1	99	Back Side	2510	0.800	-3.08	22.00	21.71	1.069
			1	99	Back Side	2535	0.779	0.71	21.40	21.18	1.052
			1	99	Back Side	2560	0.784	-1.31	21.50	21.18	1.076
LTE Band 7	20M	QPSK	1	99	Left Cheek	2510	0.879	3.03	22.00	21.71	1.069
			1	99	Left Cheek	2535	0.849	1.93	21.40	21.18	1.052
			1	99	Left Cheek	2560	0.856	-3.68	21.50	21.18	1.076
			50	24	Left Cheek	2510	0.794	1.07	20.90	20.61	1.069
			50	24	Left Cheek	2535	0.743	-1.01	20.40	20.16	1.057
			50	24	Left Cheek	2560	0.787	-3.16	20.40	20.11	1.069
			100	0	Left Cheek	2510	0.713	0.71	20.90	20.61	1.069
			100	0	Left Cheek	2535	0.679	0.91	20.40	20.16	1.057
			100	0	Left Cheek	2560	0.696	2.33	20.40	20.11	1.069



12.4 Repeated SAR measurement

Band	Mode	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
WCDMA Band IV	RMC	Back Side	1712.6	0.768	0.767	1.002
		Back Side	1740	0.783	0.764	1.025
		Back Side	1752.4	0.775	0.748	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 7	20M	QPSK	1	99	Back Side	2510	0.800	0.770	1.040
			1	99	Back Side	2535	0.779	0.775	1.005
			1	99	Back Side	2560	0.784	0.777	1.009
LTE Band 66	20M	QPSK	1	0	Left Cheek	2510	0.879	0.861	1.020
			1	0	Left Cheek	2535	0.849	0.833	1.019
			1	0	Left Cheek	2560	0.856	0.821	1.043
			50	0	Left Cheek	2510	0.794	0.783	1.015
			50	0	Left Cheek	2535	0.743	0.730	1.017
			50	0	Left Cheek	2560	0.787	0.768	1.025
			100	0	Left Cheek	2510	0.713	0.704	1.013
			100	0	Left Cheek	2535	0.679	0.651	1.044
			100	0	Left Cheek	2560	0.696	0.683	1.019

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.



12.5 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Head	1. GSM + 2.4GHz WLAN/5G WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN/5G WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN/5G WLAN
	6. LTE + Bluetooth
Body	1. GSM + 2.4GHz WLAN/5G WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN/5G WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN/5G 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	4	2.512	5	2.48	0.105
	Body			5	2.48	0.105



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Head	GSM	0.523	1.108
		2.4G WLAN	0.585	
	Body	GSM	0.579	0.789
		2.4G WLAN	0.210	
GSM + Bluetooth	Head	GSM	0.523	0.628
		BT	0.105	
	Body	GSM	0.579	0.684
		BT	0.105	
GSM + 5G WLAN	Head	GSM	0.523	1.111
		5G WLAN	0.588	
	Body	GSM	0.579	0.996
		5G WLAN	0.417	
WCDMA + 2.4G WLAN	Head	WCDMA	0.443	1.028
		2.4G WLAN	0.585	
	Body	WCDMA	0.843	1.053
		2.4G WLAN	0.210	
WCDMA + Bluetooth	Head	WCDMA	0.443	0.548
		BT	0.105	
	Body	WCDMA	0.843	0.948
		BT	0.105	
WCDMA + 5G WLAN	Head	WCDMA	0.443	1.031
		5G WLAN	0.588	
	Body	WCDMA	0.843	1.260
		5G WLAN	0.417	
LTE + 2.4G WLAN	Head	LTE	0.940	1.525
		2.4G WLAN	0.585	
	Body	LTE	0.855	1.065
		2.4G WLAN	0.210	
LTE + Bluetooth	Head	LTE	0.940	1.045
		BT	0.105	
	Body	LTE	0.855	0.960
		BT	0.105	
LTE + 5G WLAN	Head	LTE	0.940	1.528
		5G WLAN	0.588	
	Body	LTE	0.855	1.272
		5G WLAN	0.417	

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
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
5000MHz Dipole	MVG	DIP5G000	SN 06/22 DIP5G000-653	2025.05.22	2028.05.21
6500-7000 MHz DIPOLE	MVG	SID7000	2225- DIP7G000-809	2025.05.28	2028.05.27
E-Field Probe	MVG	SSE2	0326-EPGO-431	2026.01.22	2027.01.21
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2026.05.28	2027.05.27
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	R&S	ZVL	116184	2026.03.03	2027.03.02
Multi Meter	Keithley	DMM6500	4527252	2026.03.03	2027.03.02
Signal Generator	Keysight	N5182B	MY59100717	2026.03.03	2027.03.02
Wireless Communication Test Set	R&S	CMW500	137737	2026.03.02	2027.03.01
Power Sensor	R&S	Z11	116184	2026.03.03	2027.03.02
Electronic Temperature hygrometer	N/A	ST-W2318	N/A	2026.03.05	2027.03.04
Temperature hygrometer	N/A	TP101	N/A	2026.03.05	2027.03.04



Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

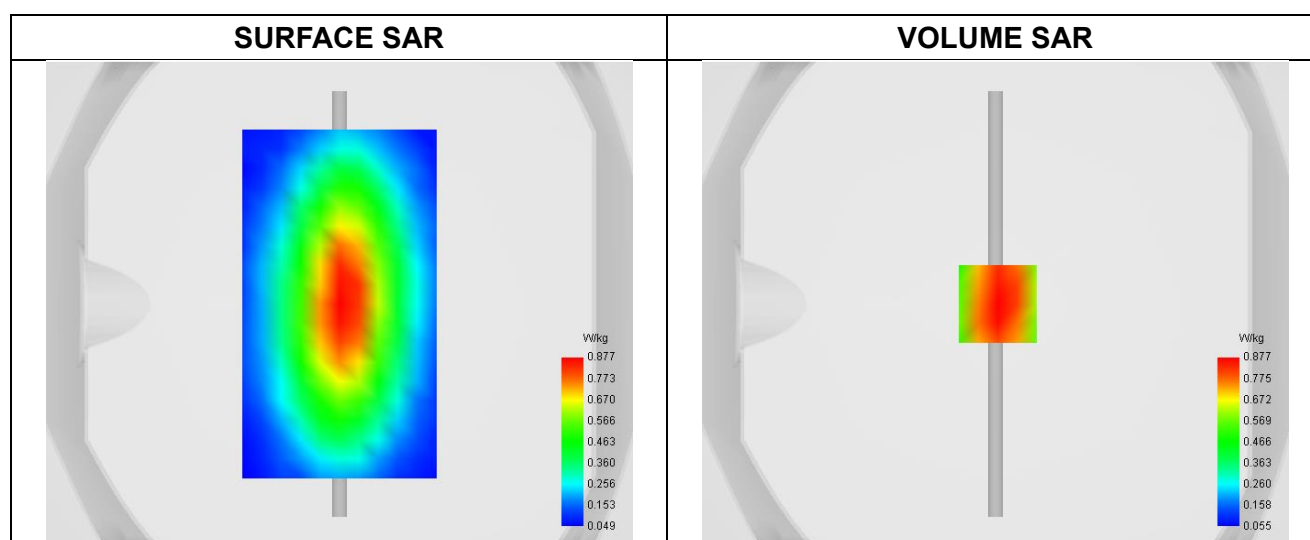
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-08-16

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	41.77
Conductivity (S/m)	0.86
Probe	0326-EPGO-431
ConvF	0.71
Crest factor:	1:1

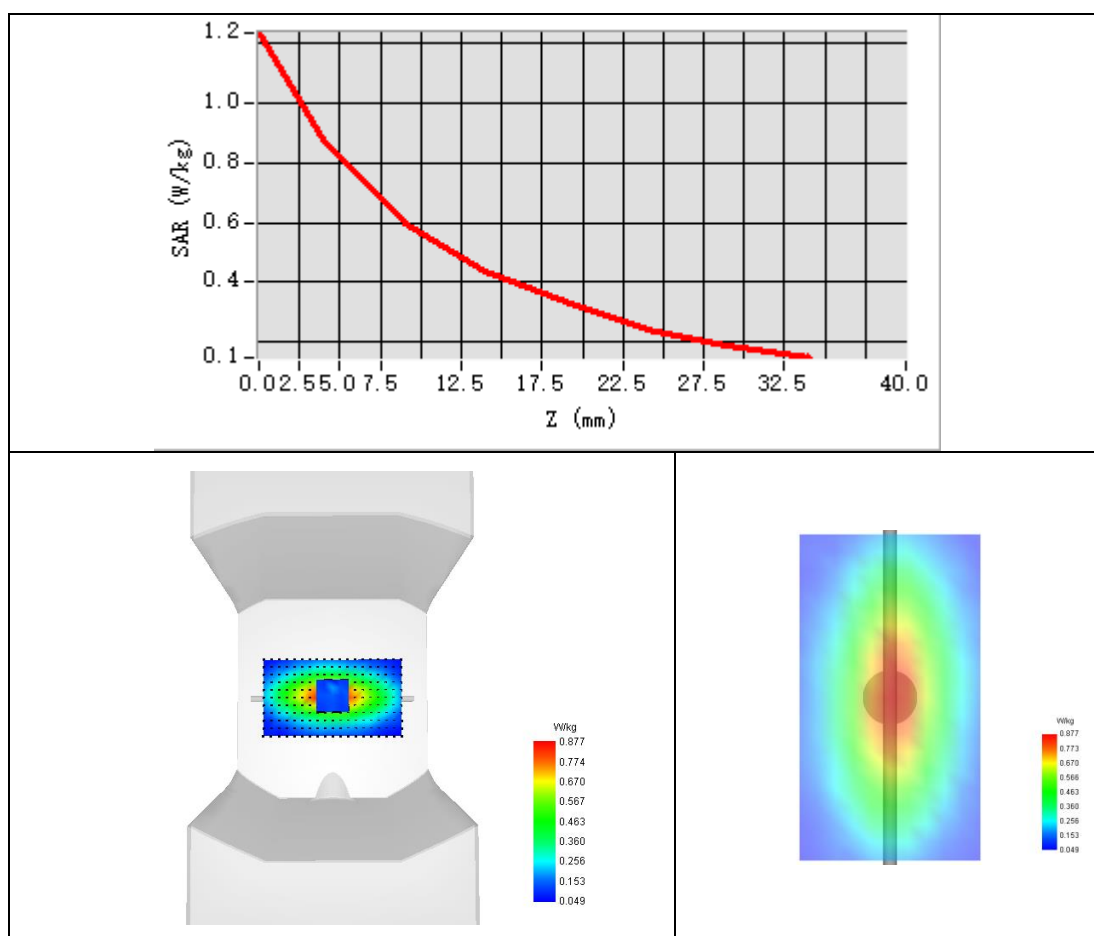


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 1.24 W/kg

SAR 10g (W/Kg)	0.594
SAR 1g (W/Kg)	0.836



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

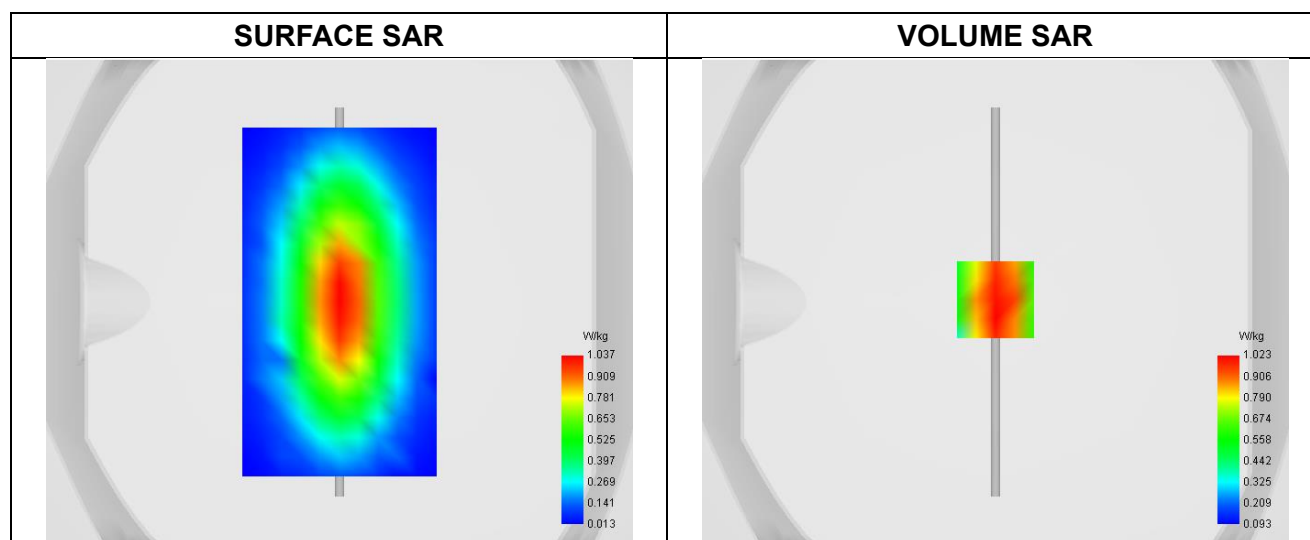
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-08-12

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	42.68
Conductivity (S/m)	0.93
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

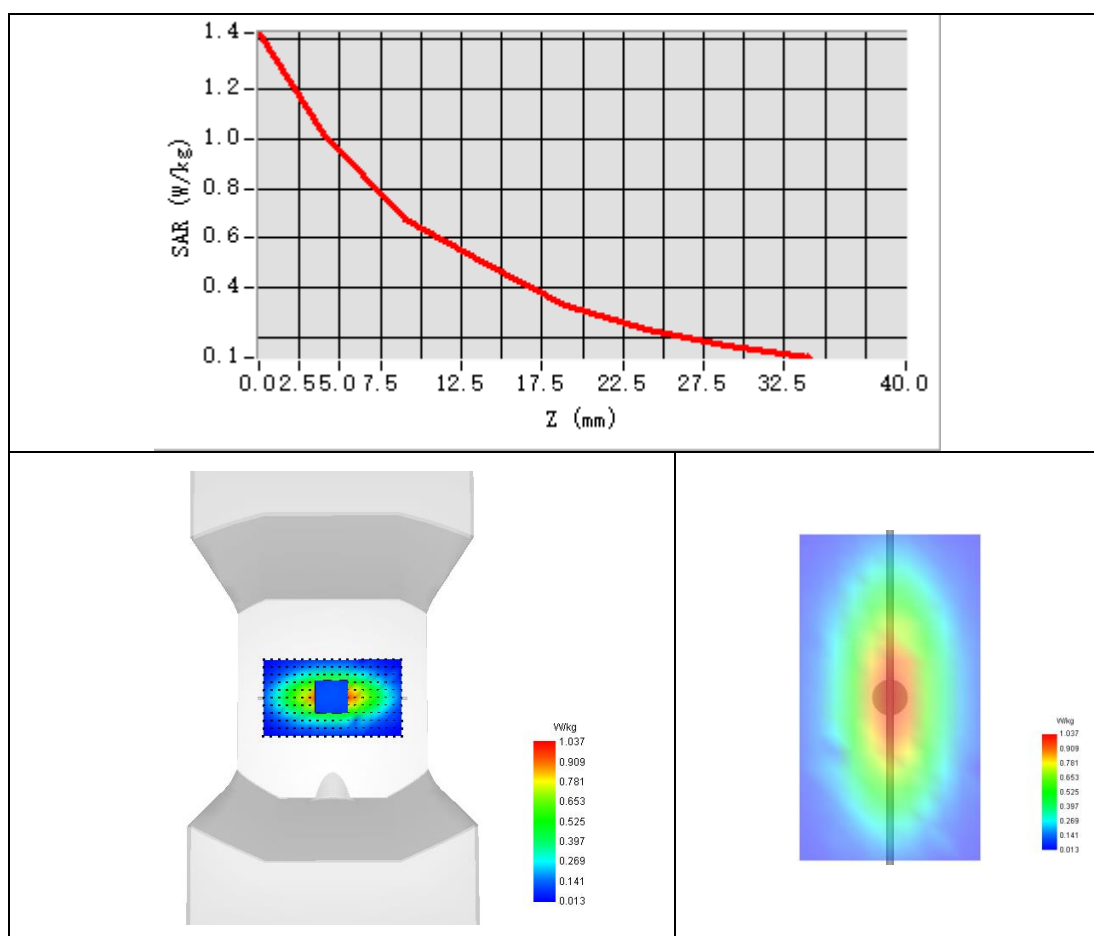


Maximum location: X=0.00, Y=1.00 ; SAR Peak: 1.56 W/kg

SAR 10g (W/Kg)	0.606
SAR 1g (W/Kg)	0.994



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

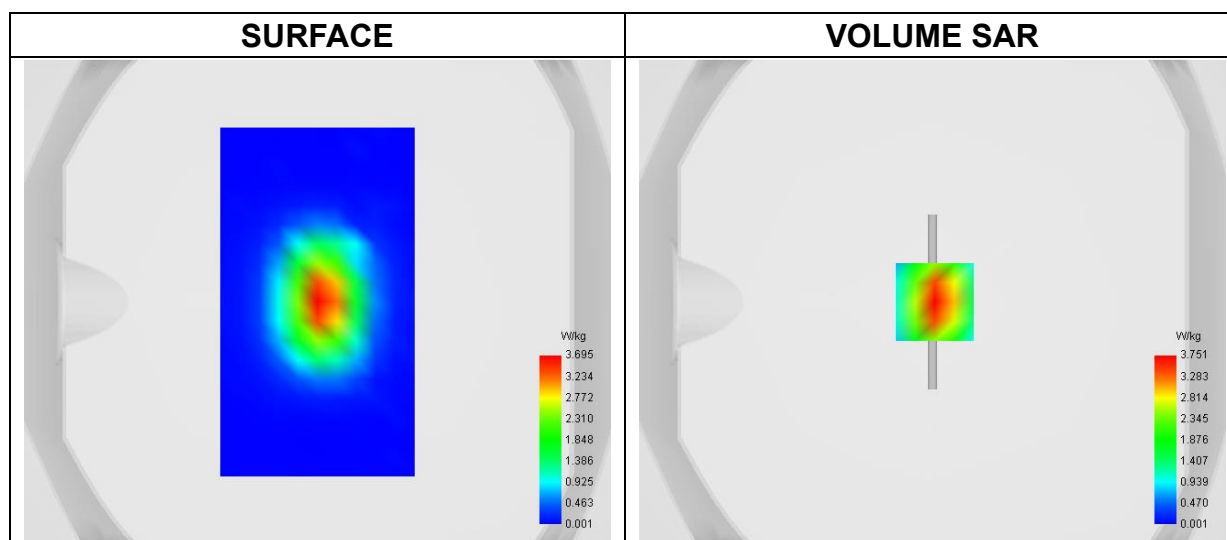
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-08-14

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	41.13
Conductivity (S/m)	1.37
Probe	0326-EPGO-431
ConvF	0.69
Crest factor:	1:1

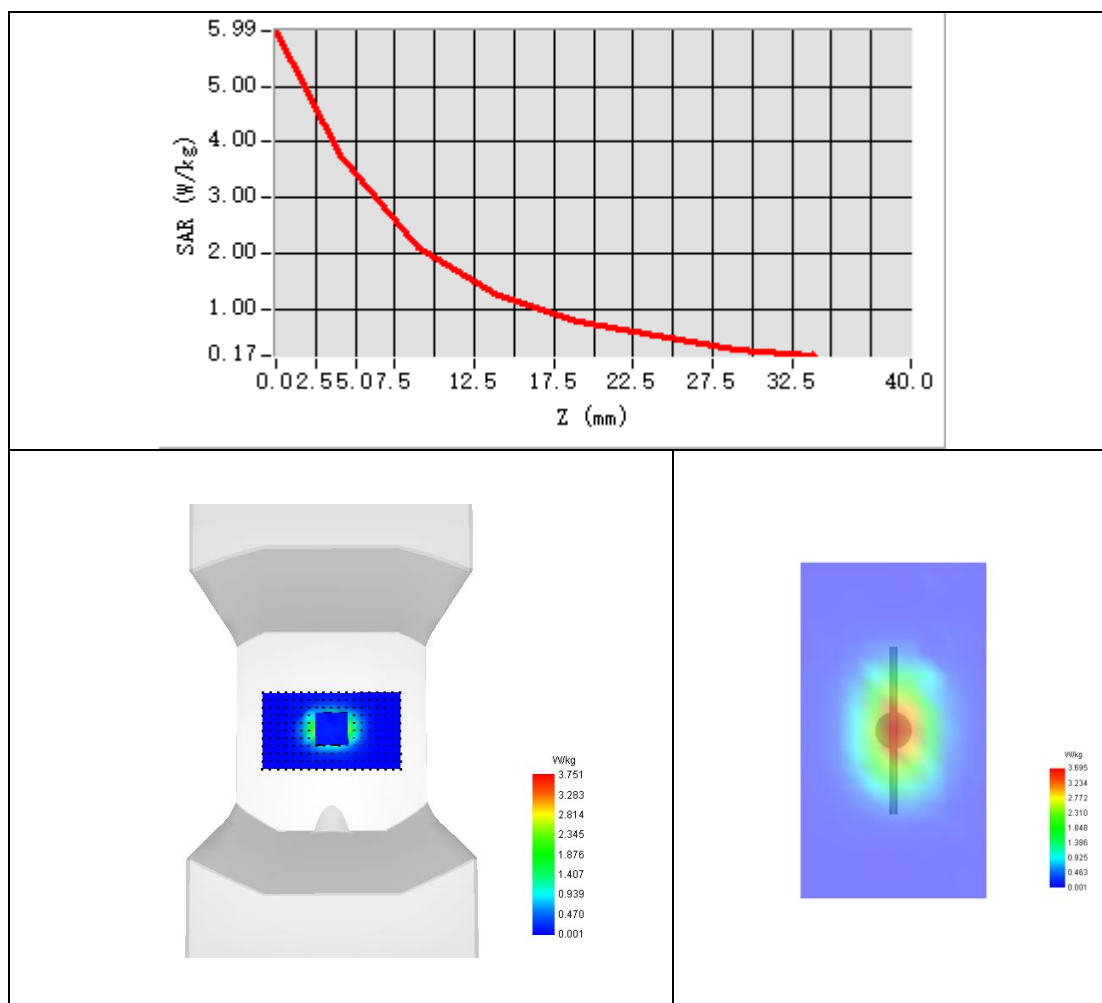


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 5.99 W/kg

SAR 10g (W/Kg)	1.895
SAR 1g (W/Kg)	3.666



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

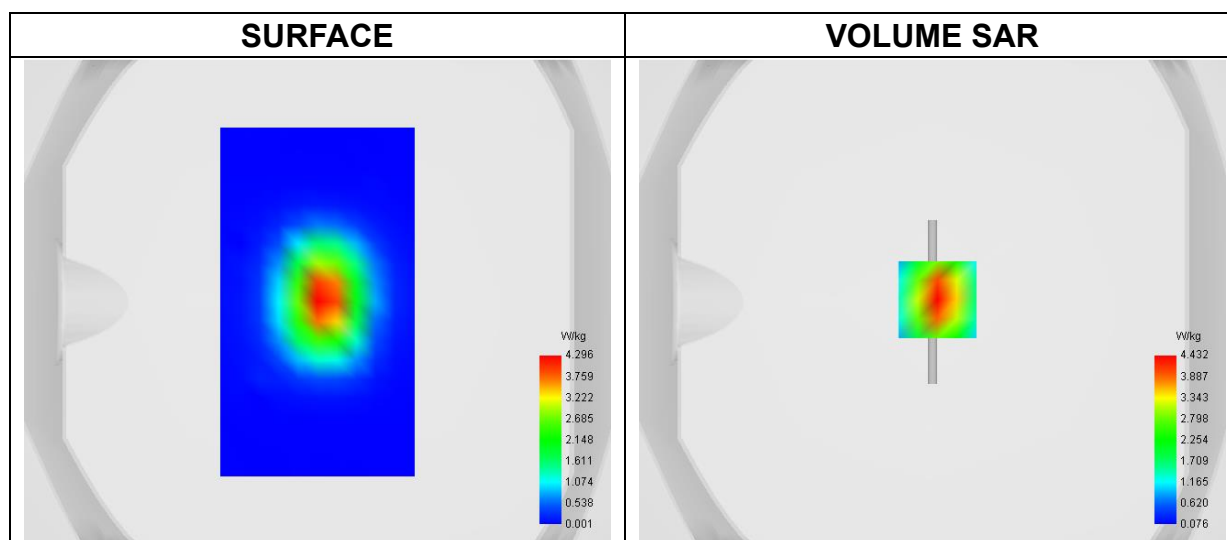
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-08-15

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.76
Conductivity (S/m)	1.46
Probe	0326-EPGO-431
ConvF	0.90
Crest factor:	1:1

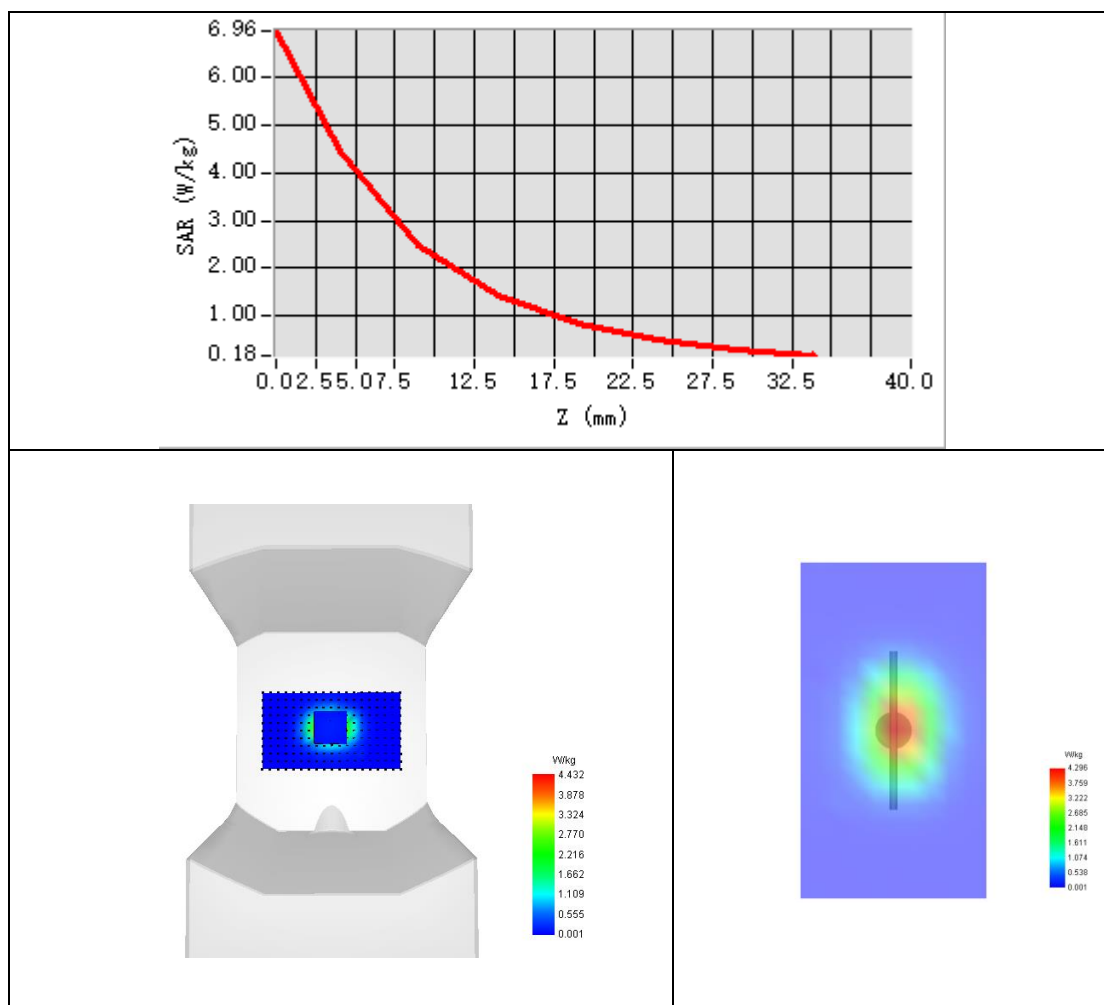


Maximum location: X=2.00, Y=1.00 ; SAR Peak: 6.93 W/kg

SAR 10g (W/Kg)	2.091
SAR 1g (W/Kg)	3.995



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

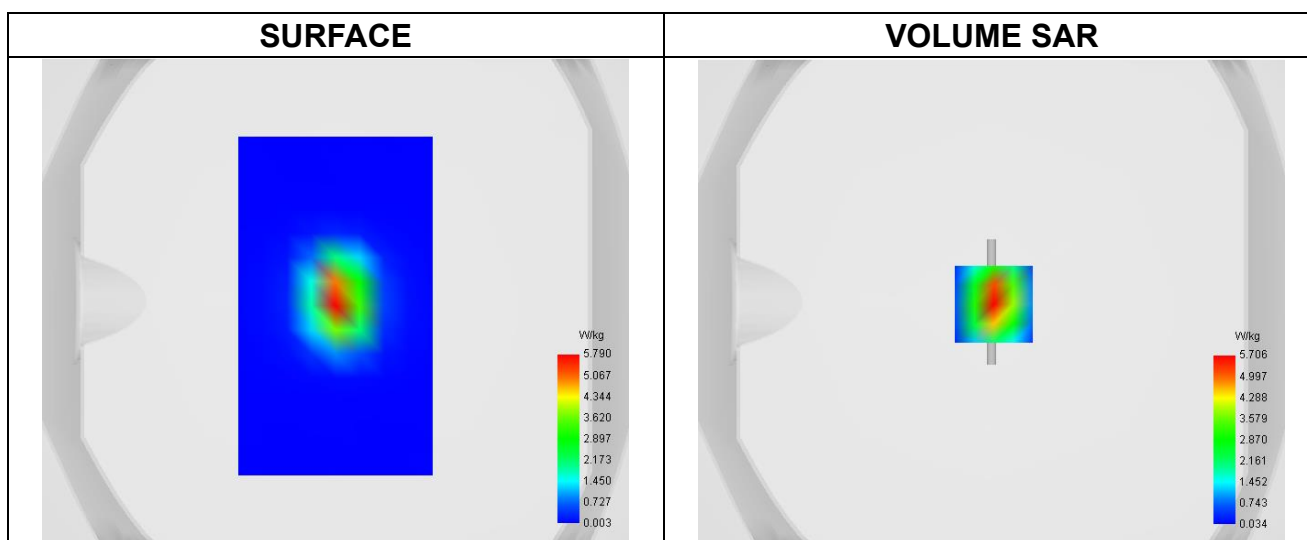
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-08-13

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	39.39
Conductivity (S/m)	1.78
Probe	0326-EPGO-431
ConvF	1.03
Crest factor:	1:1

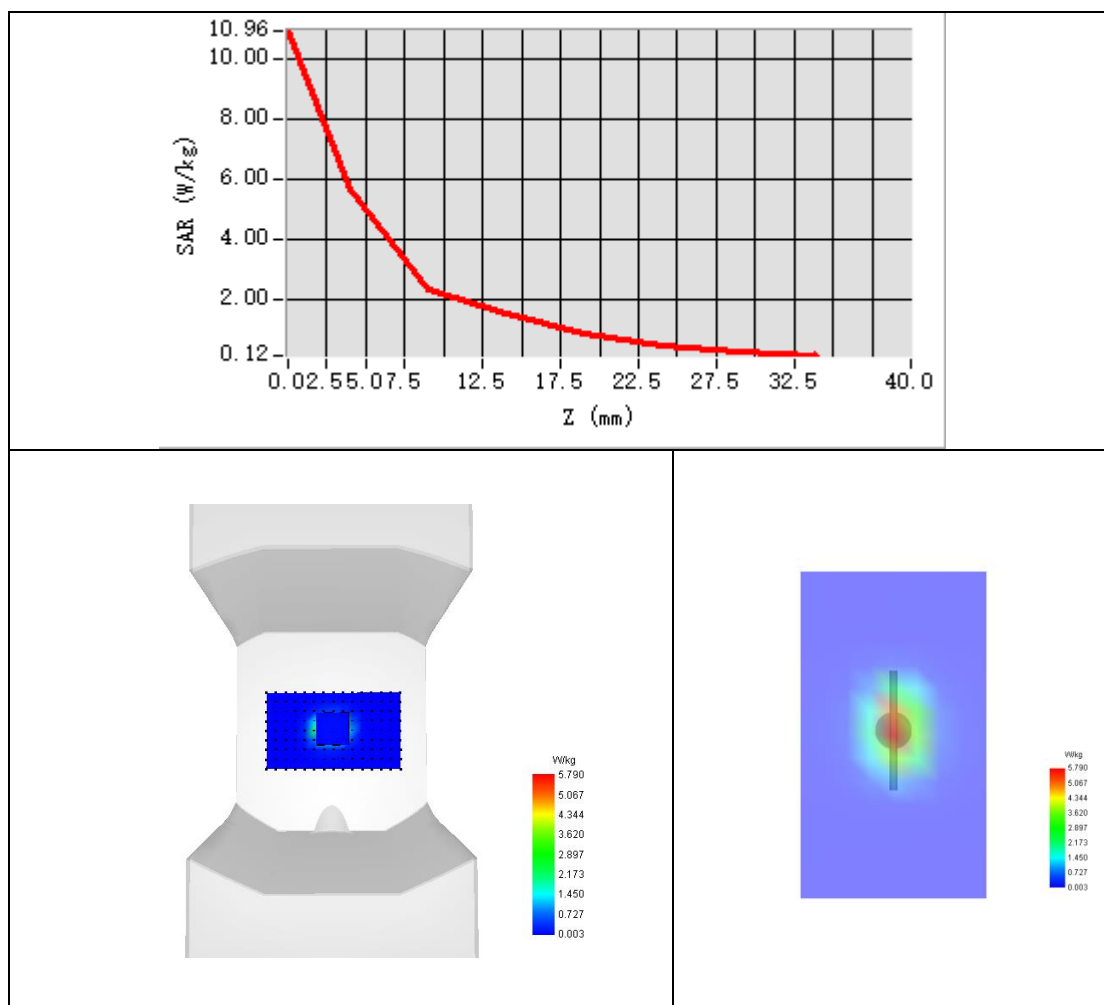


Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 10.87 W/kg

SAR 10g (W/Kg)	2.468
SAR 1g (W/Kg)	5.317



Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

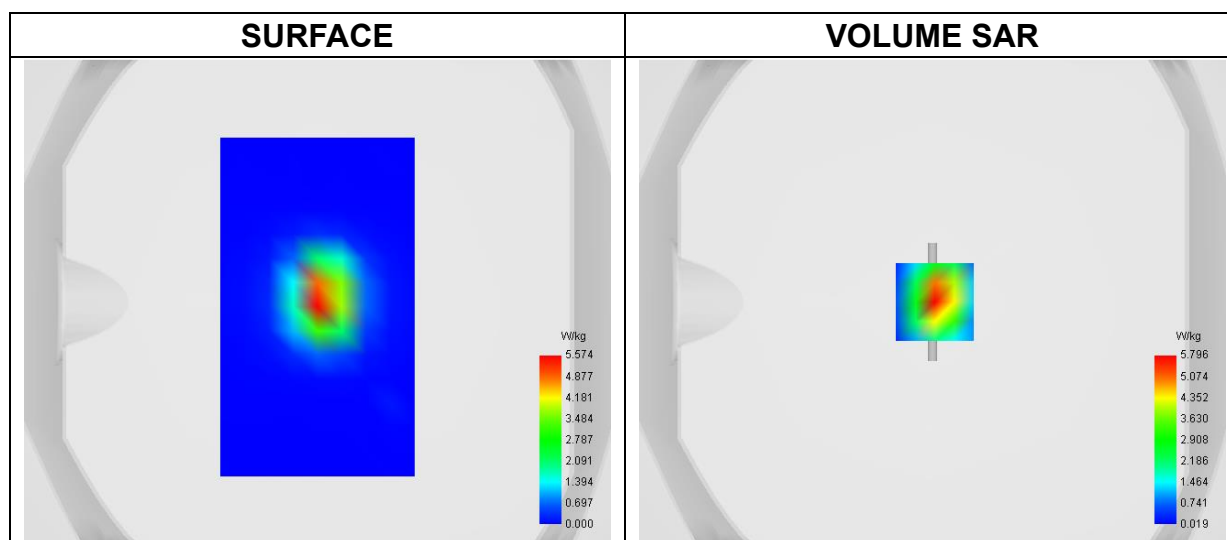
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2026-08-11

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.64
Conductivity (S/m)	1.92
Probe	0326-EPGO-431
ConvF	0.98
Crest factor:	1:1

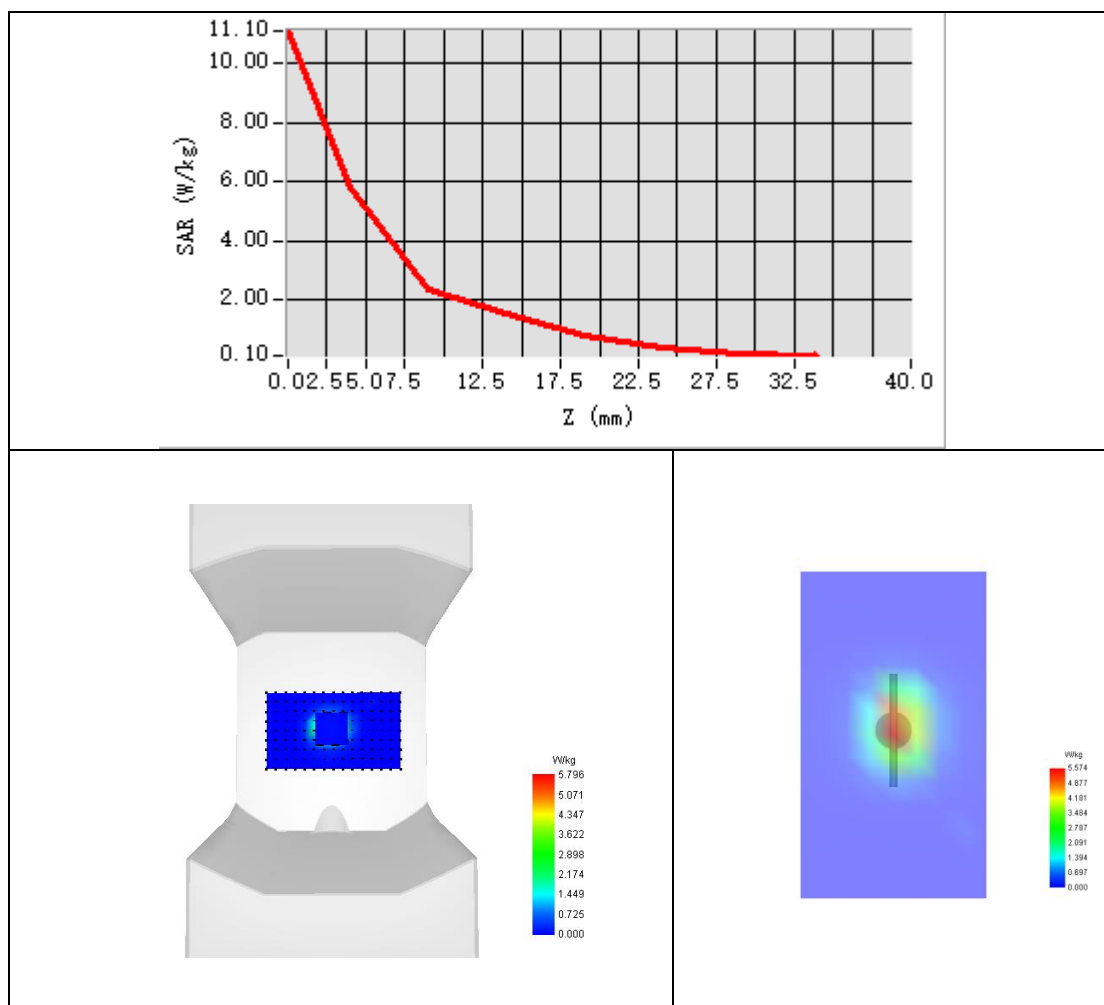


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 11.14 W/kg

SAR 10g (W/Kg)	2.518
SAR 1g (W/Kg)	5.616



Z Axis Scan





System Performance Check Data (5200MHz)

Type: Phone measurement (Complete)

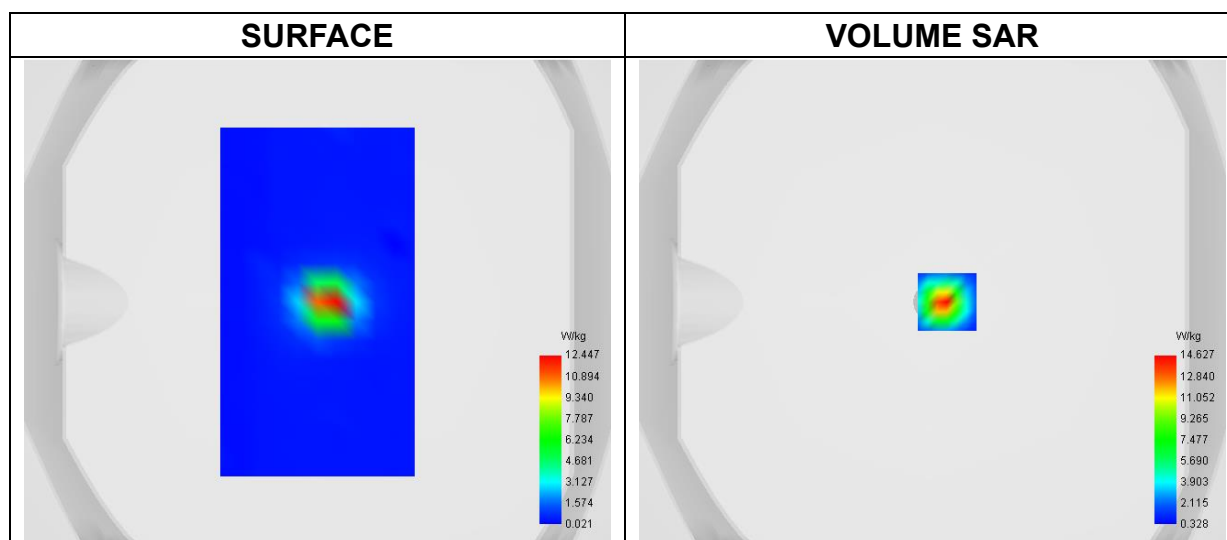
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement:2026-08-09

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Channels	Middle
Signal	CW
Frequency (MHz)	5200.000
Relative permittivity	36.35
Conductivity (S/m)	4.59
Probe	0326-EPGO-431
ConvF	1.08
Crest factor:	1:1

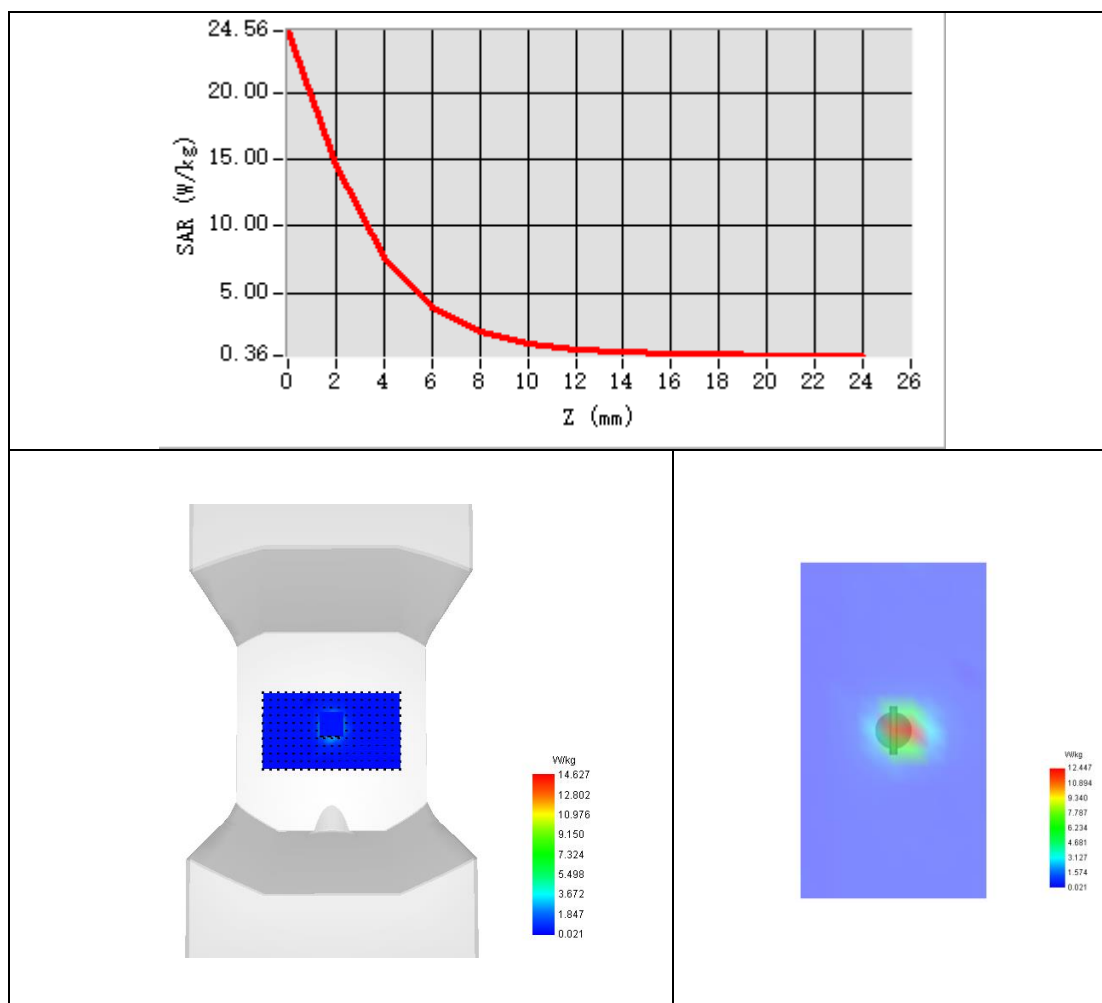


Maximum location: X=6.00, Y=0.00 ; SAR Peak: 26.05 W/kg

SAR 10g (W/Kg)	2.291
SAR 1g (W/Kg)	7.769



Z Axis Scan





System Performance Check Data (5400MHz)

Type: Phone measurement (Complete)

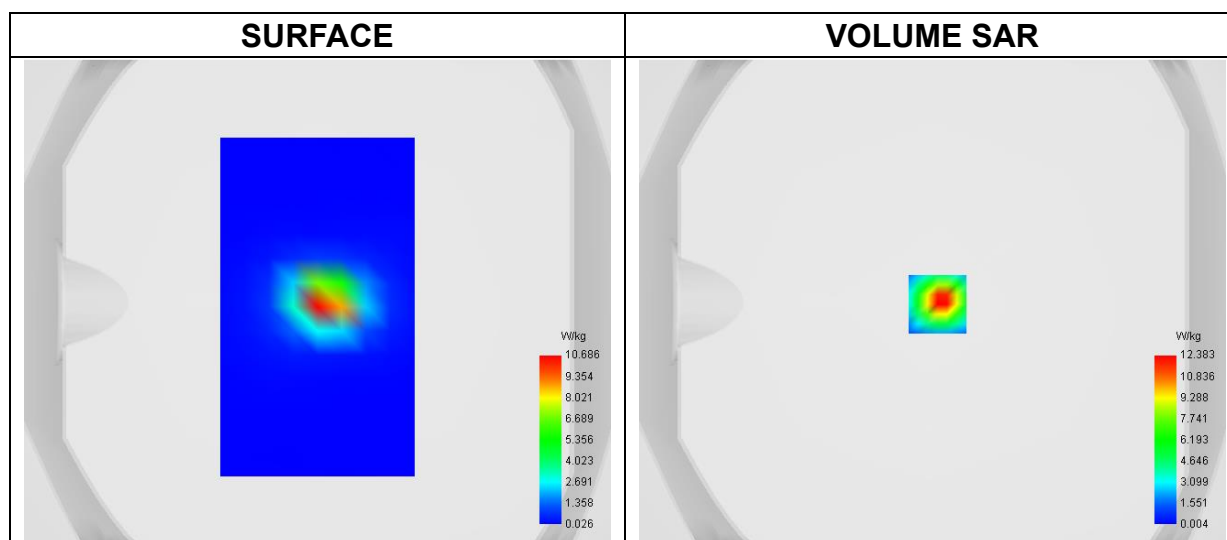
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement:2026-08-09

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5400
Channels	Middle
Signal	CW
Frequency (MHz)	5400.000
Relative permittivity	35.92
Conductivity (S/m)	4.92
Probe	0326-EPGO-431
ConvF	1.16
Crest factor:	1:1

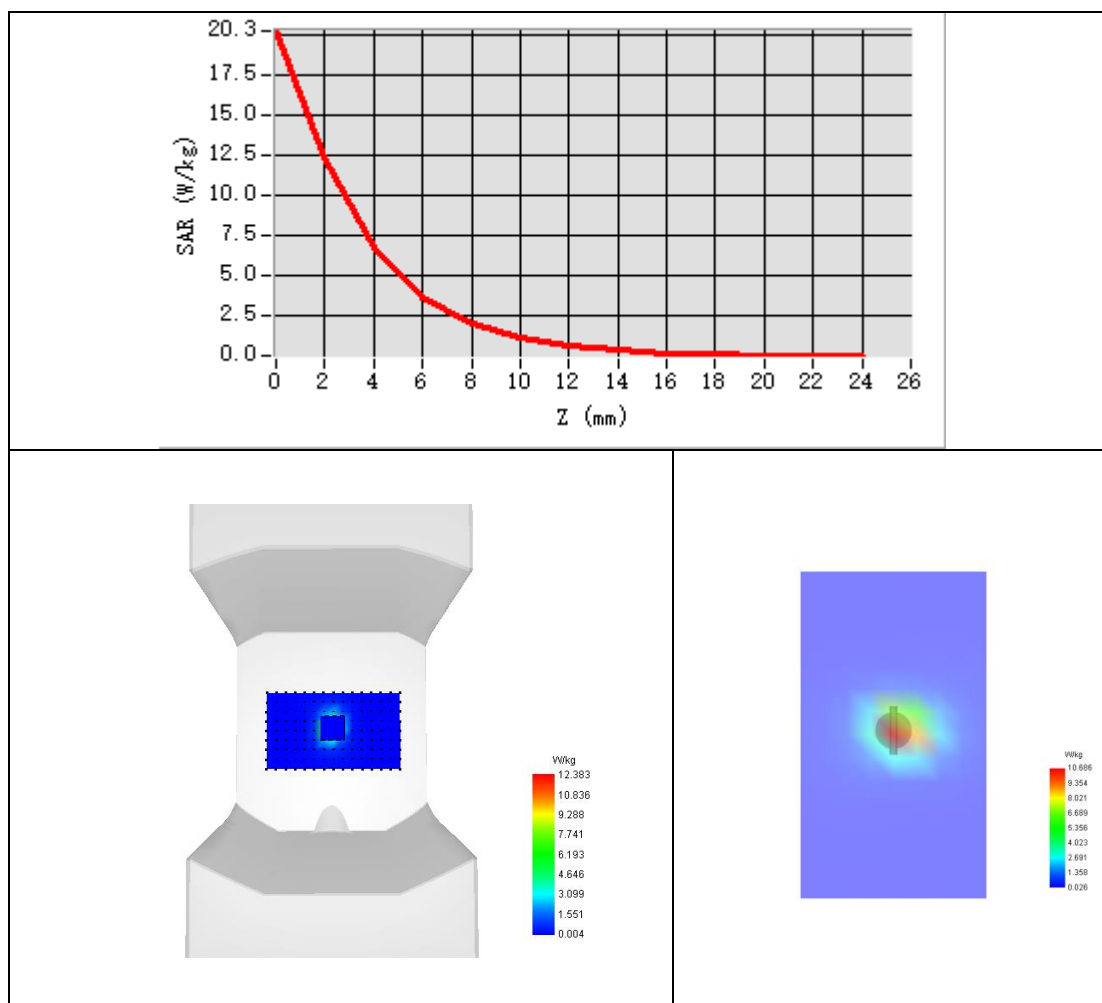


Maximum location: X=2.00, Y=-1.00 ; SAR Peak: 21.95 W/kg

SAR 10g (W/Kg)	2.243
SAR 1g (W/Kg)	7.715



Z Axis Scan





System Performance Check Data (5600MHz)

Type: Phone measurement (Complete)

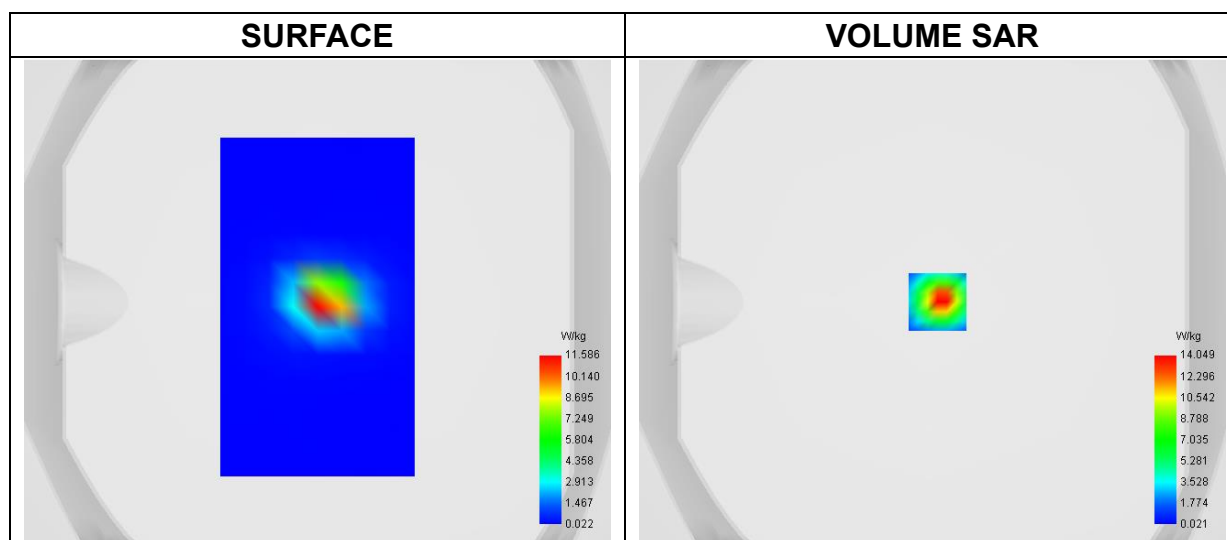
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement:2026-08-14

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Channels	Middle
Signal	CW
Frequency (MHz)	5600.000
Relative permittivity	37.08
Conductivity (S/m)	5.03
Probe	0326-EPGO-431
ConvF	1.07
Crest factor:	1:1

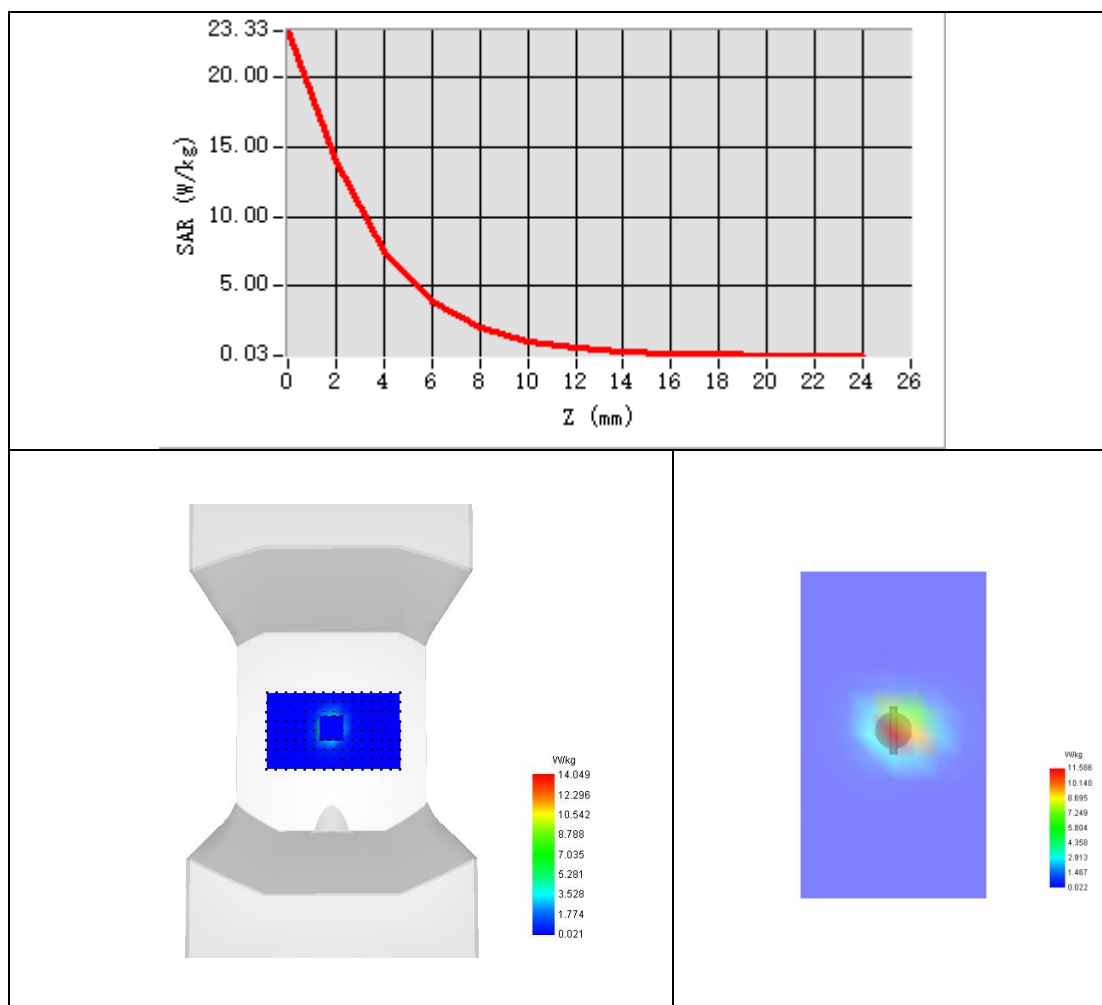


Maximum location: X=2.00, Y=0.00 ; SAR Peak: 25.27 W/kg

SAR 10g (W/Kg)	2.382
SAR 1g (W/Kg)	8.219



Z Axis Scan





System Performance Check Data (5800MHz)

Type: Phone measurement (Complete)

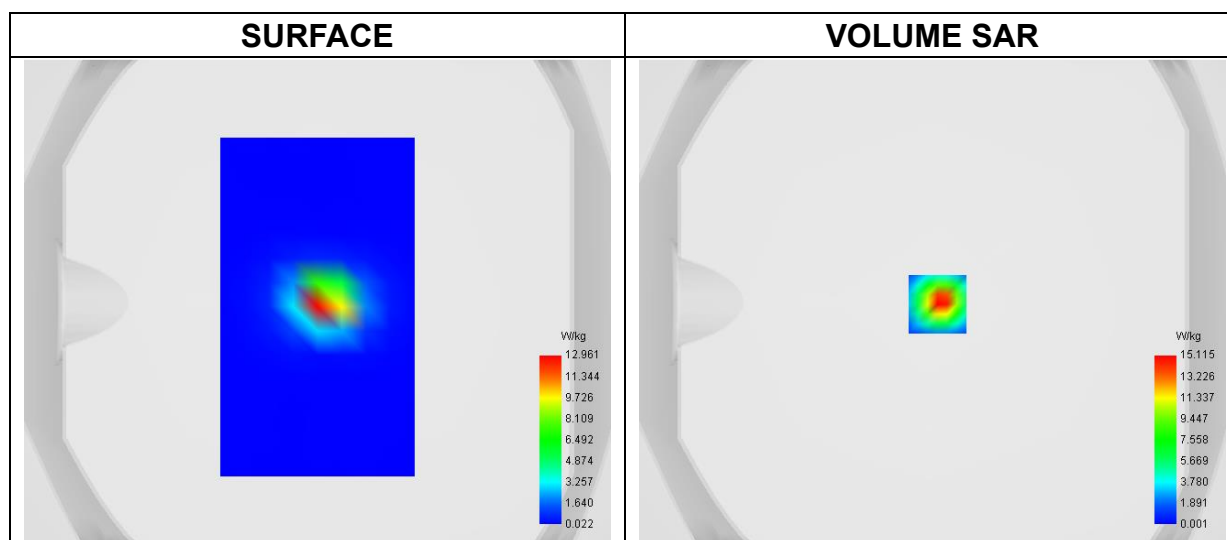
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement:2026-08-16

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Channels	Middle
Signal	CW
Frequency (MHz)	5800.000
Relative permittivity	35.67
Conductivity (S/m)	5.25
Probe	0326-EPGO-431
ConvF	1.19
Crest factor:	1:1

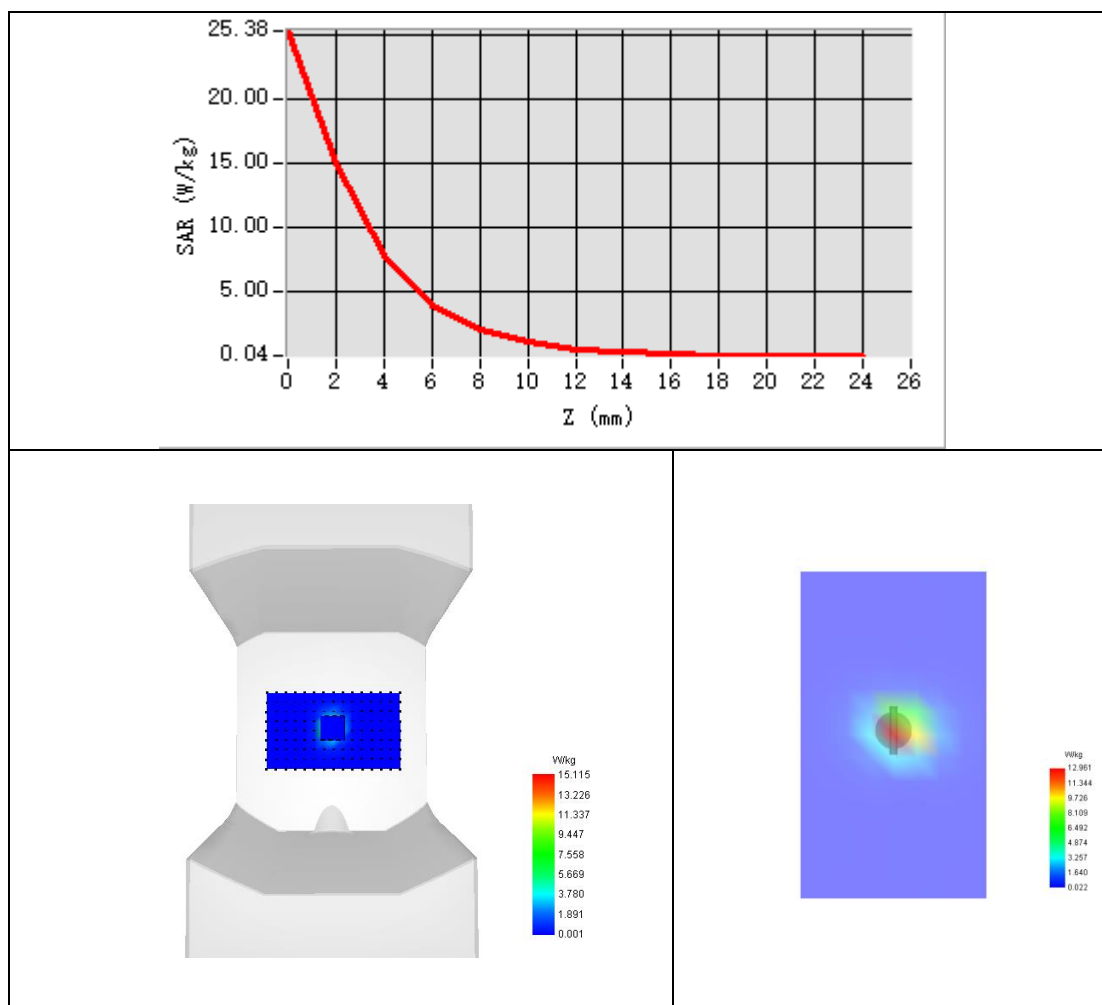


Maximum location: X=2.00, Y=1.00 ; SAR Peak: 27.59 W/kg

SAR 10g (W/Kg)	2.371
SAR 1g (W/Kg)	8.050



Z Axis Scan



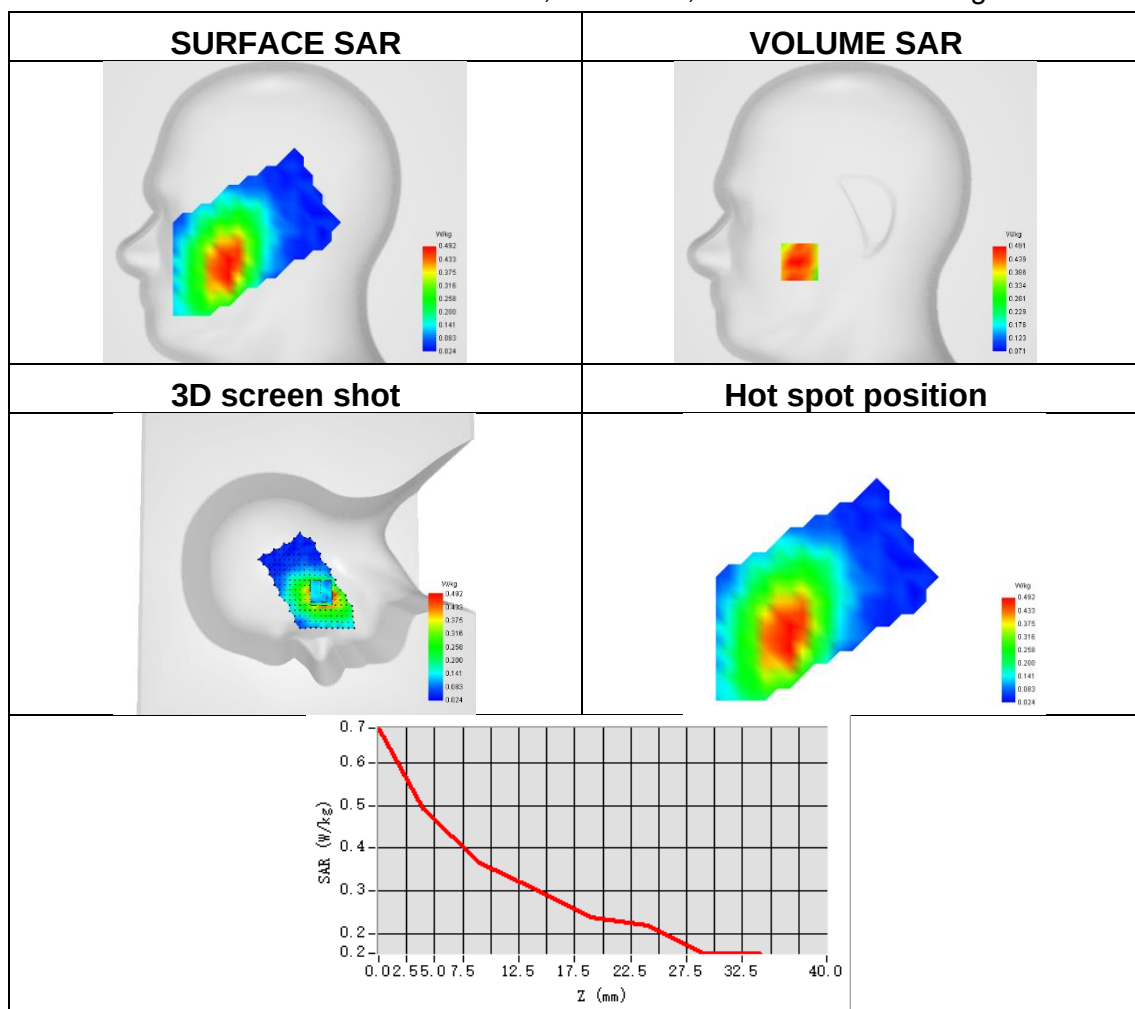


Appendix B. SAR Test Plots

Plot 1:

Test Date	2026-08-12
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	GPRS850
Signal	TDMA (GPRS)
Frequency	824.2
SAR 10g (W/Kg)	0.345
SAR 1g (W/Kg)	0.488
ConvF	1.72
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=-48.00, Y=-42.00 ; SAR Peak: 0.72 W/kg

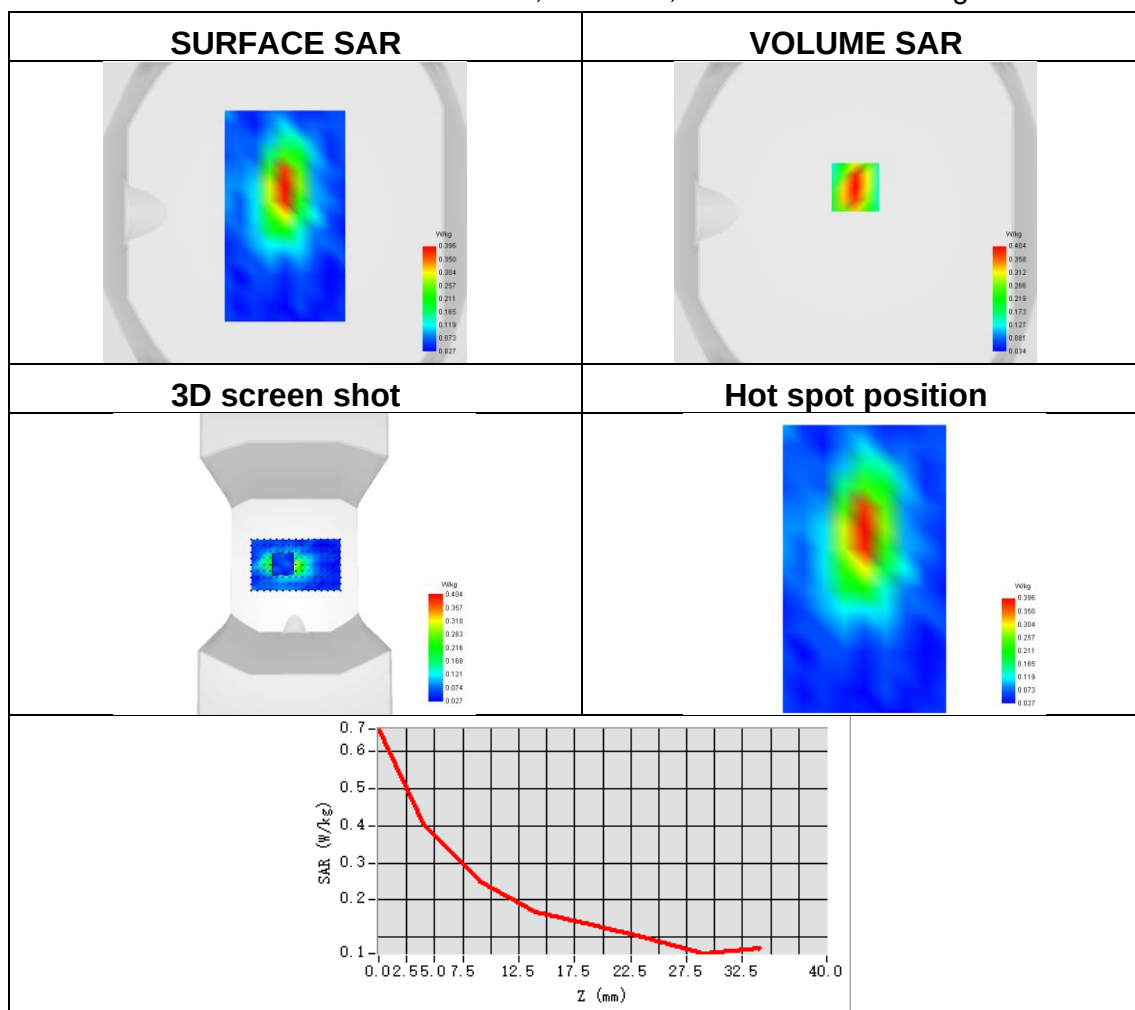




Plot 2:

Test Date	2026-08-12
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	848.8
SAR 10g (W/Kg)	0.224
SAR 1g (W/Kg)	0.397
ConvF	1.72
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=0.00, Y=17.00 ; SAR Peak: 0.68 W/kg

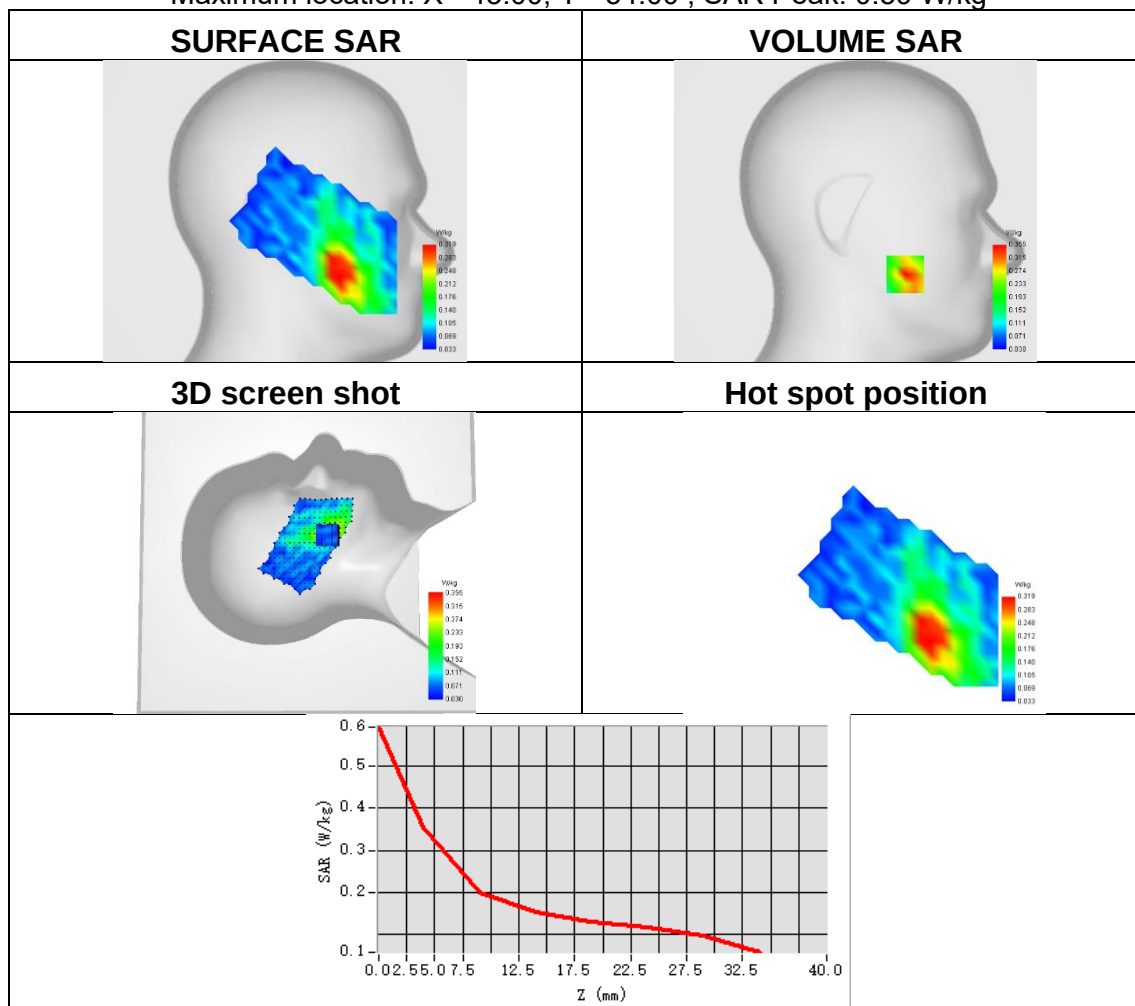




Plot 3:

Test Date	2026-08-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	GPRS1900
Signal	TDMA (GPRS)
Frequency	1880
SAR 10g (W/Kg)	0.201
SAR 1g (W/Kg)	0.330
ConvF	2.25
Relative permittivity	40.76
Conductivity (S/m)	1.46

Maximum location: X=-43.00, Y=-54.00 ; SAR Peak: 0.59 W/kg

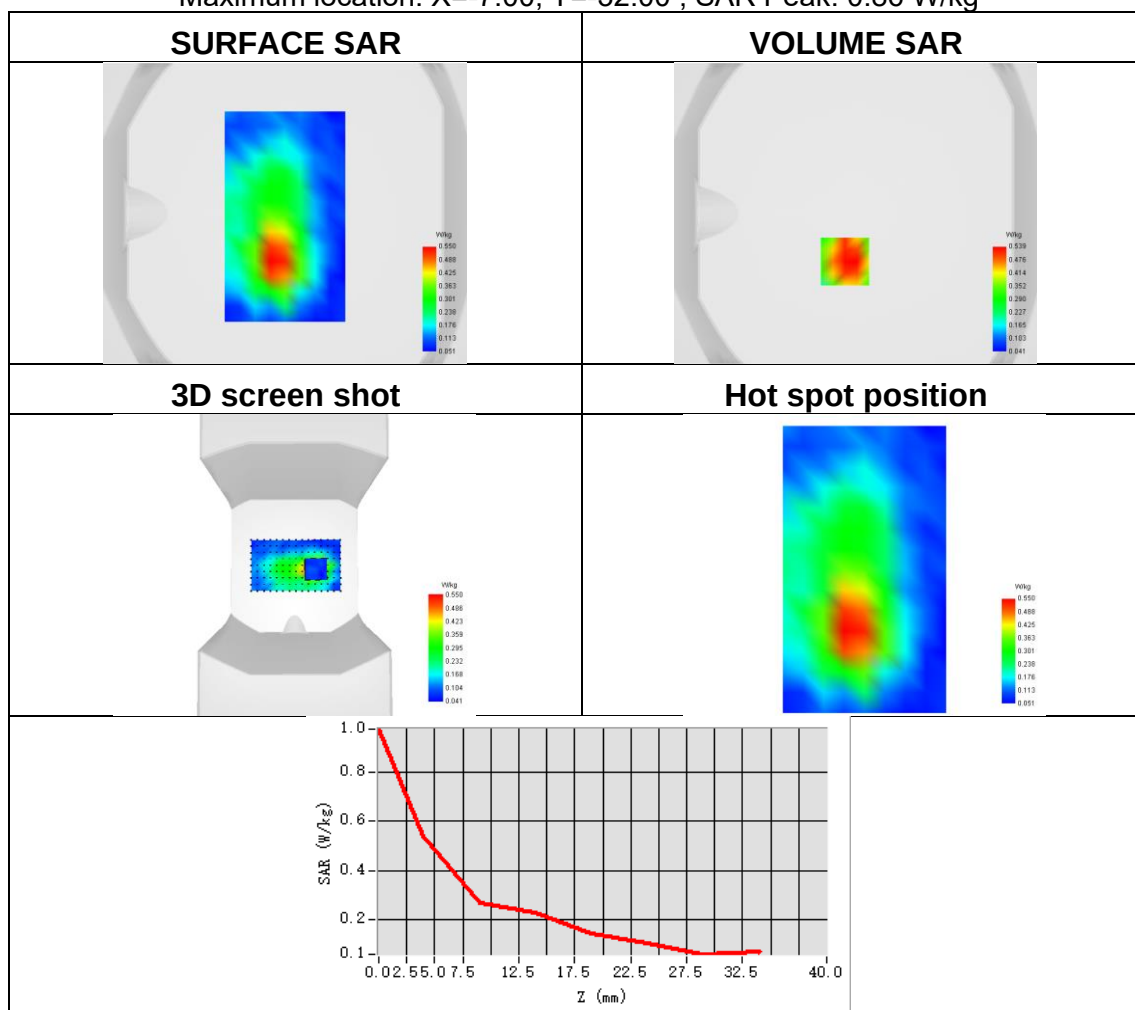




Plot 4:

Test Date	2026-08-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS1900
Signal	TDMA (GPRS)
Frequency	1880
SAR 10g (W/Kg)	0.310
SAR 1g (W/Kg)	0.538
ConvF	2.25
Relative permittivity	40.76
Conductivity (S/m)	1.46

Maximum location: X=-7.00, Y=-32.00 ; SAR Peak: 0.86 W/kg

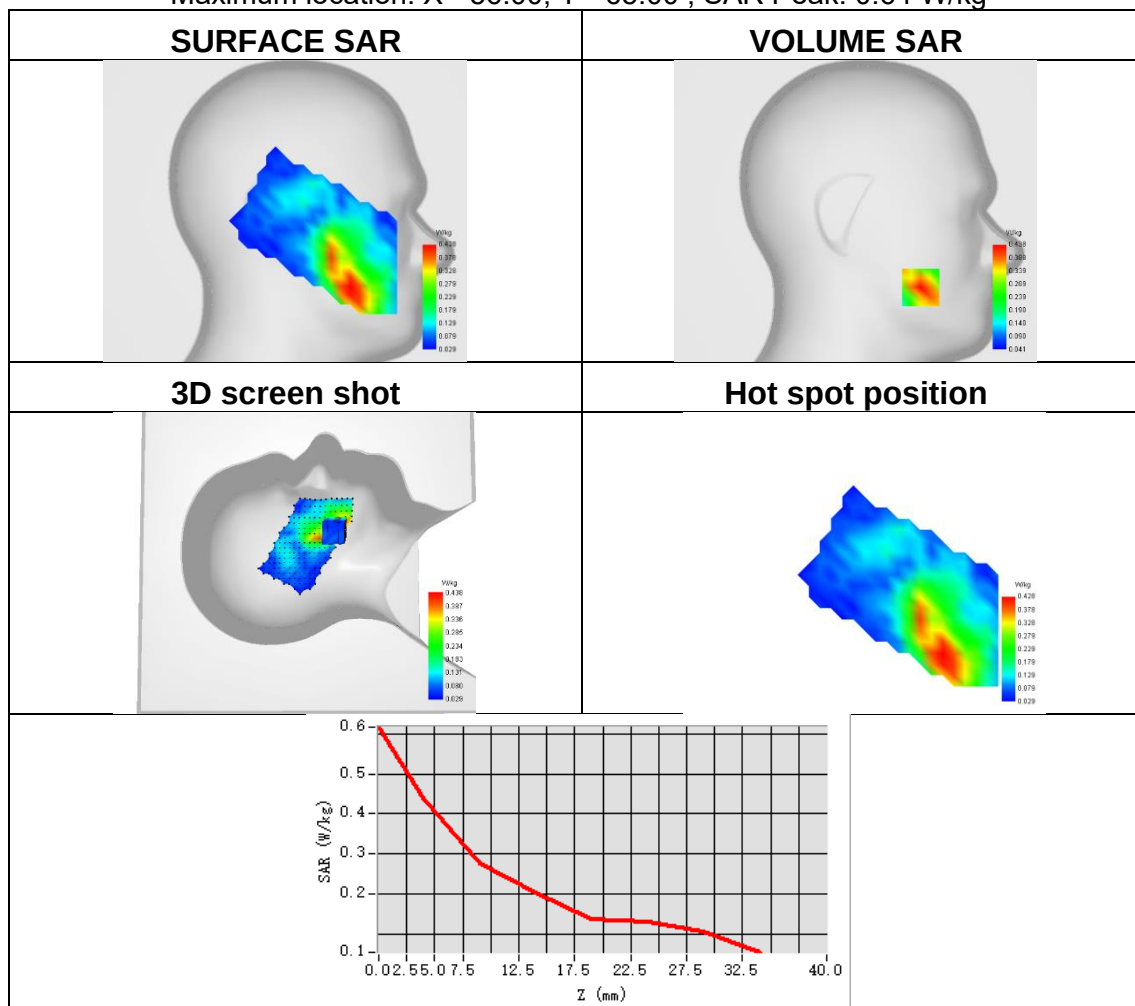




Plot 5:

Test Date	2026-08-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Band 2 (1900)
Signal	HSDPA
Frequency	1852.4
SAR 10g (W/Kg)	0.240
SAR 1g (W/Kg)	0.411
ConvF	2.25
Relative permittivity	40.76
Conductivity (S/m)	1.46

Maximum location: X=-56.00, Y=-65.00 ; SAR Peak: 0.64 W/kg

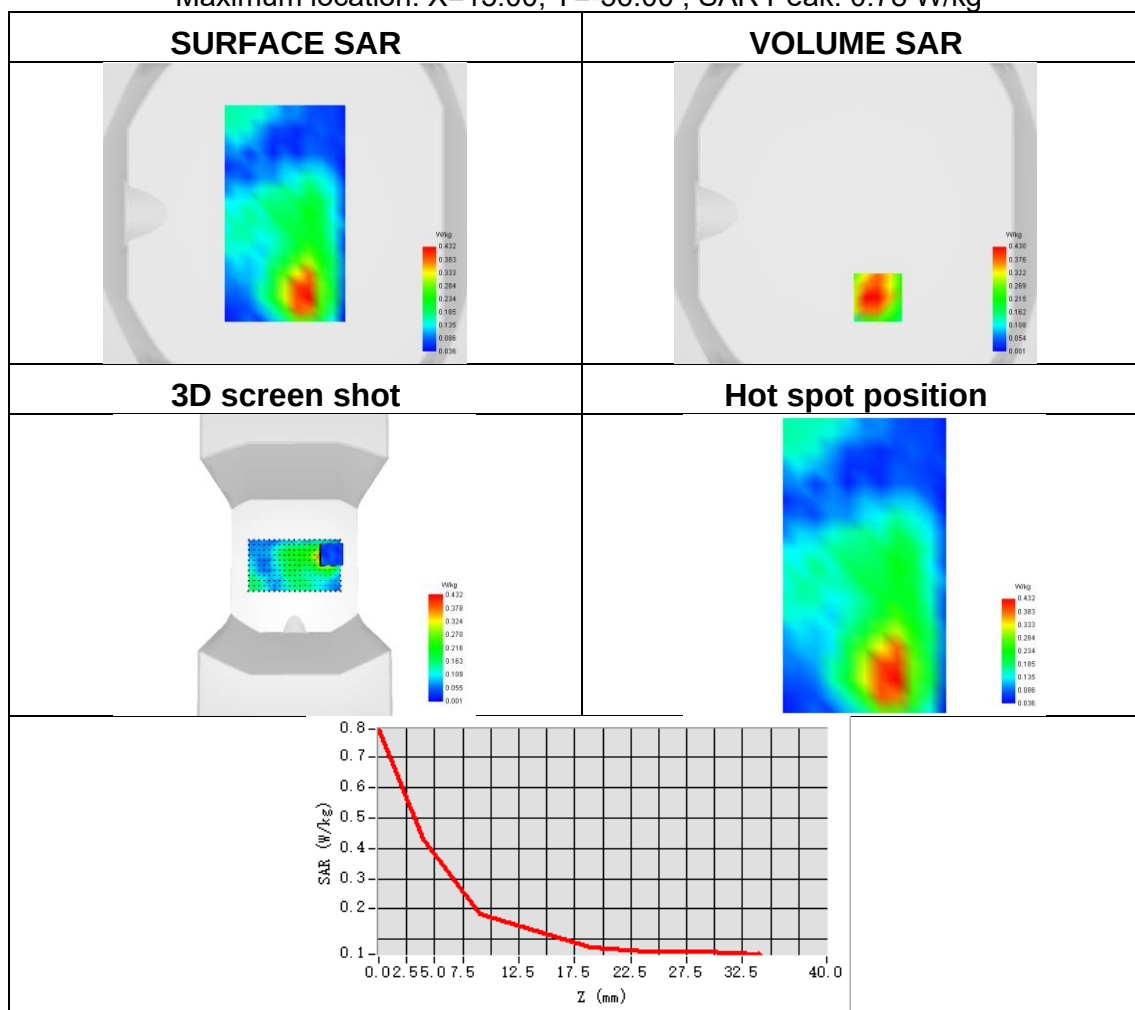




Plot 6:

Test Date	2026-08-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Band 2 (1900)
Signal	HSDPA
Frequency	1852.4
SAR 10g (W/Kg)	0.227
SAR 1g (W/Kg)	0.433
ConvF	2.25
Relative permittivity	40.76
Conductivity (S/m)	1.46

Maximum location: X=15.00, Y=-56.00 ; SAR Peak: 0.78 W/kg

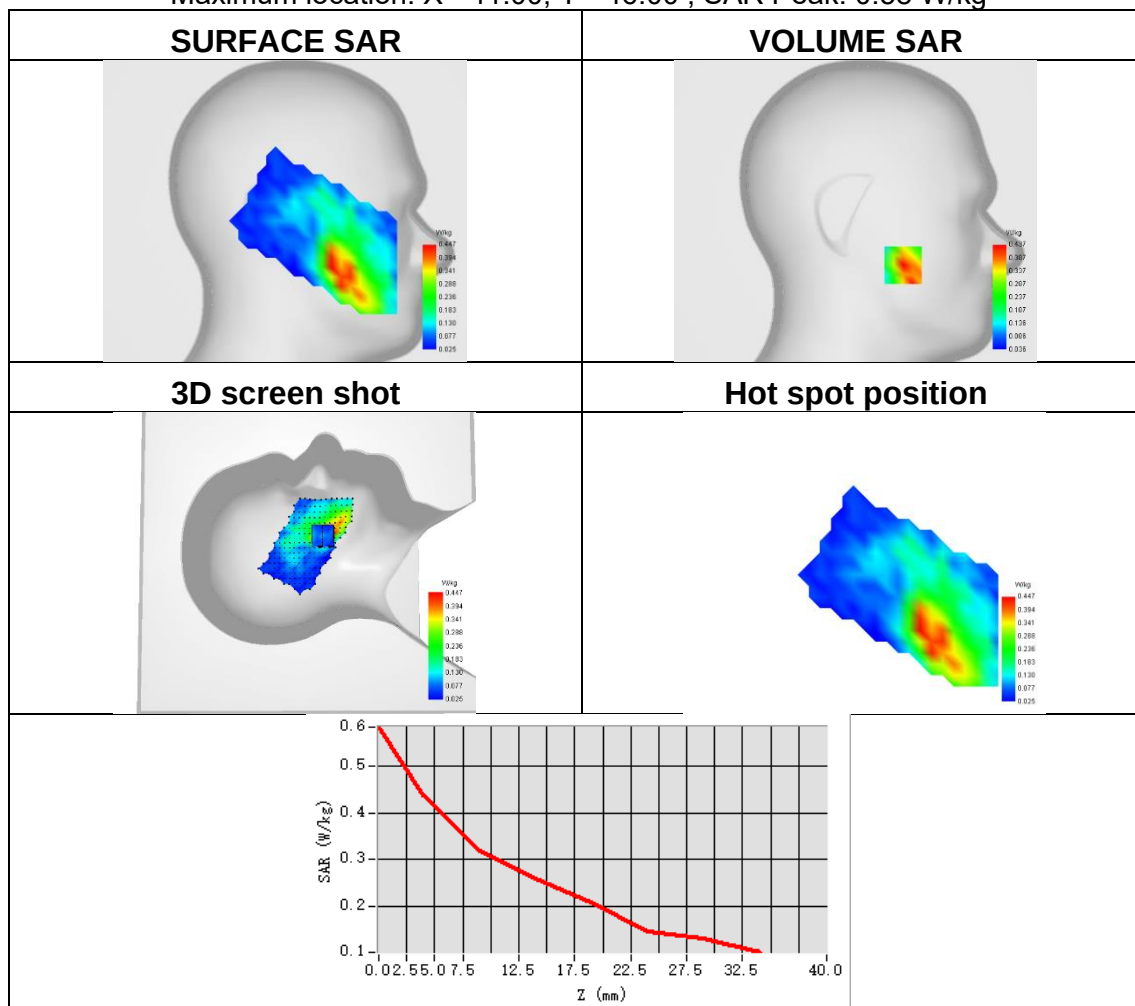




Plot 7:

Test Date	2026-08-14
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	HSDPA
Frequency	1740
SAR 10g (W/Kg)	0.277
SAR 1g (W/Kg)	0.401
ConvF	1.95
Relative permittivity	41.13
Conductivity (S/m)	1.37

Maximum location: X=-41.00, Y=-46.00 ; SAR Peak: 0.58 W/kg

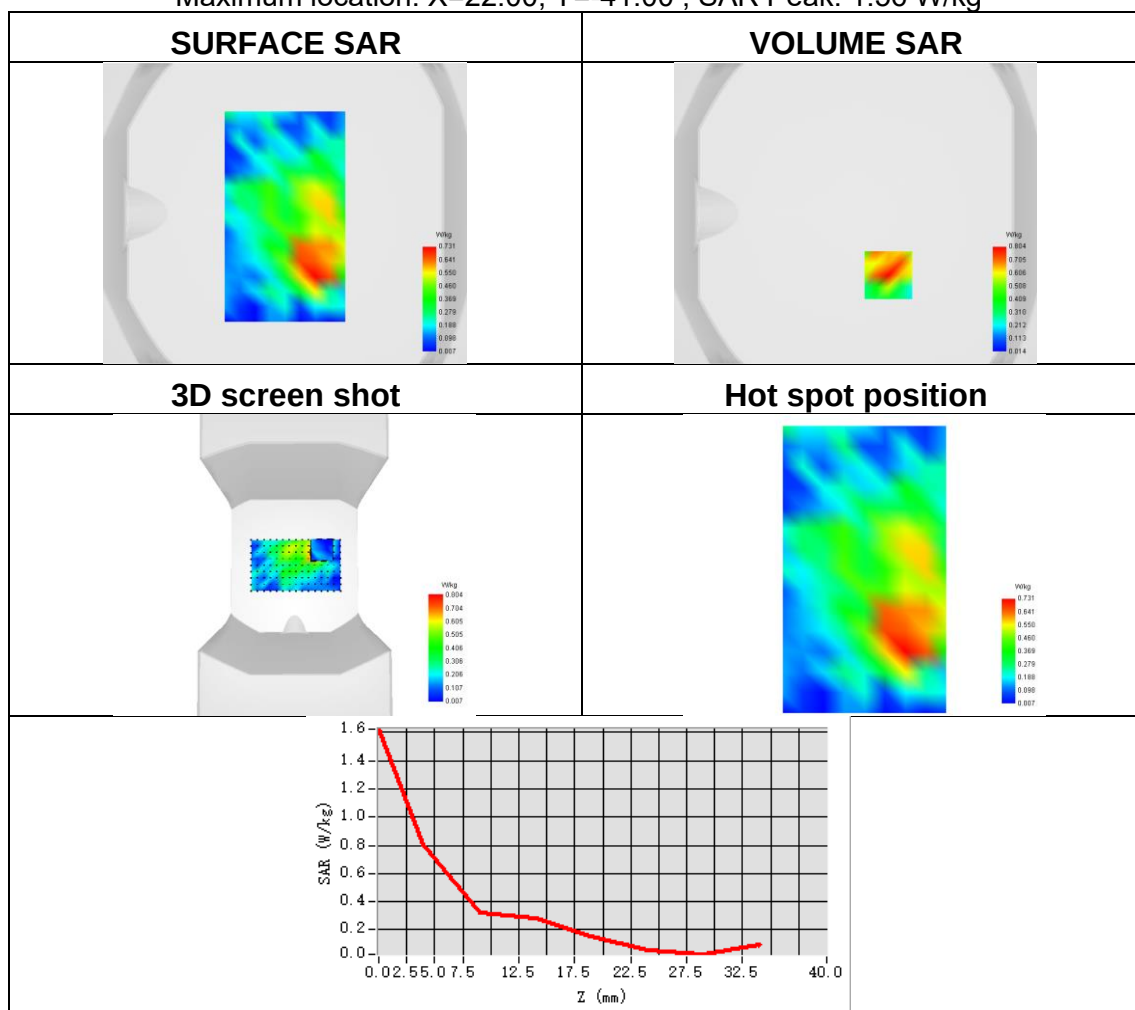




Plot 8:

Test Date	2026-08-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Band 4 (1700)
Signal	HSDPA
Frequency	1740
SAR 10g (W/Kg)	0.367
SAR 1g (W/Kg)	0.783
ConvF	1.95
Relative permittivity	41.13
Conductivity (S/m)	1.37

Maximum location: X=22.00, Y=-41.00 ; SAR Peak: 1.56 W/kg

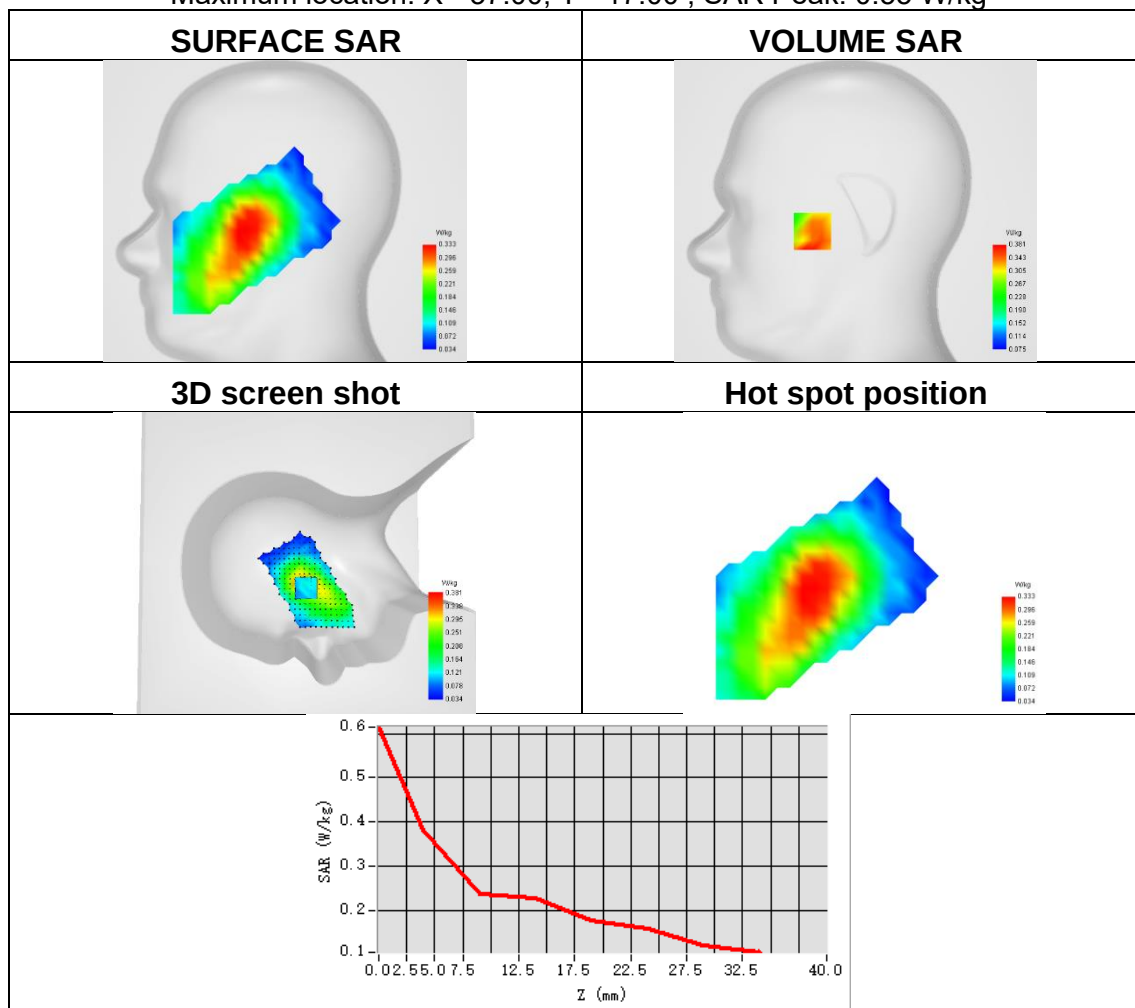




Plot 9:

Test Date	2026-08-12
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)	0.238
SAR 1g (W/Kg)	0.345
ConvF	1.72
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=-37.00, Y=-17.00 ; SAR Peak: 0.55 W/kg

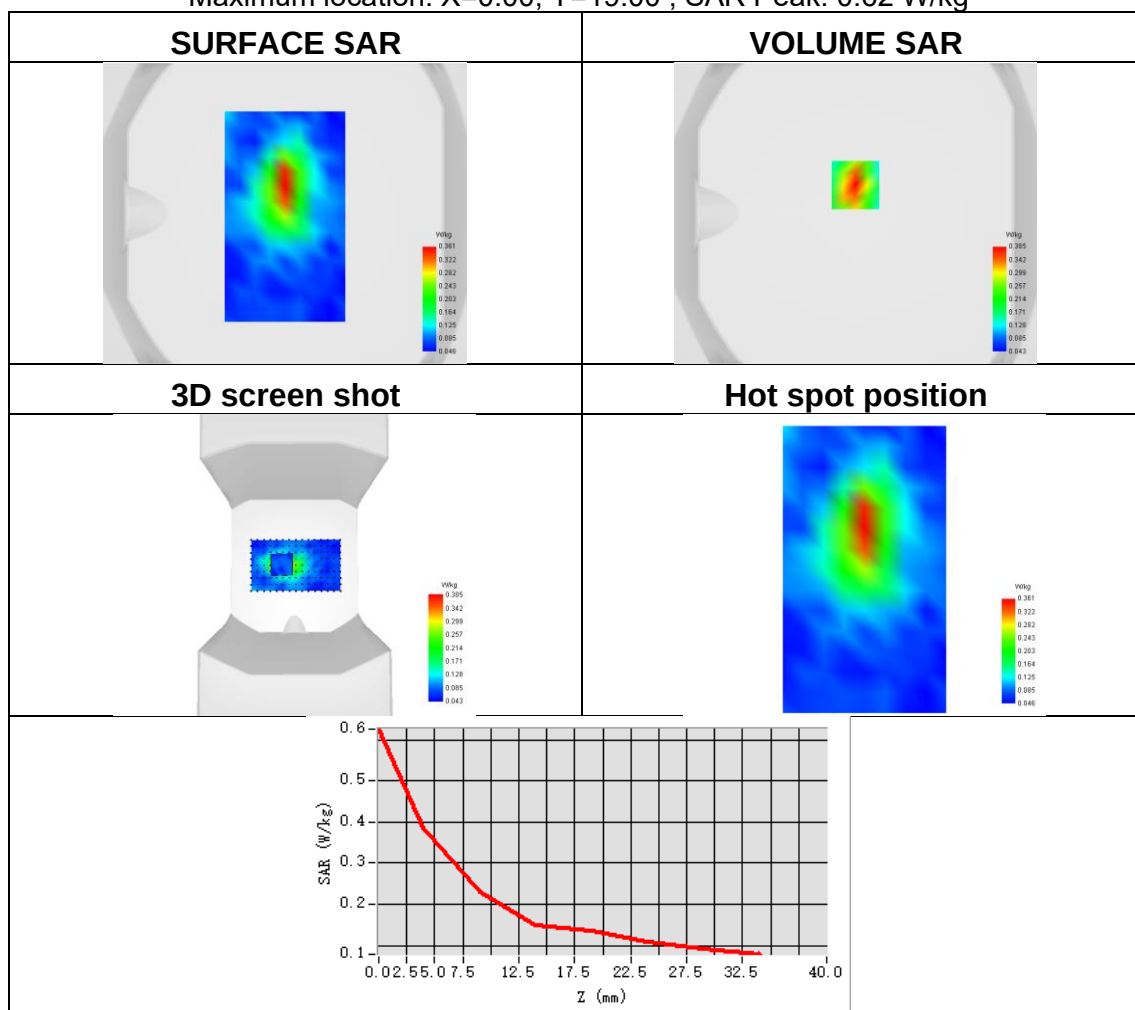




Plot 10:

Test Date	2026-08-12
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	Band 5 (850)
Signal	WCDMA
Frequency	846.6
SAR 10g (W/Kg)	0.213
SAR 1g (W/Kg)	0.367
ConvF	1.72
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=0.00, Y=19.00 ; SAR Peak: 0.62 W/kg

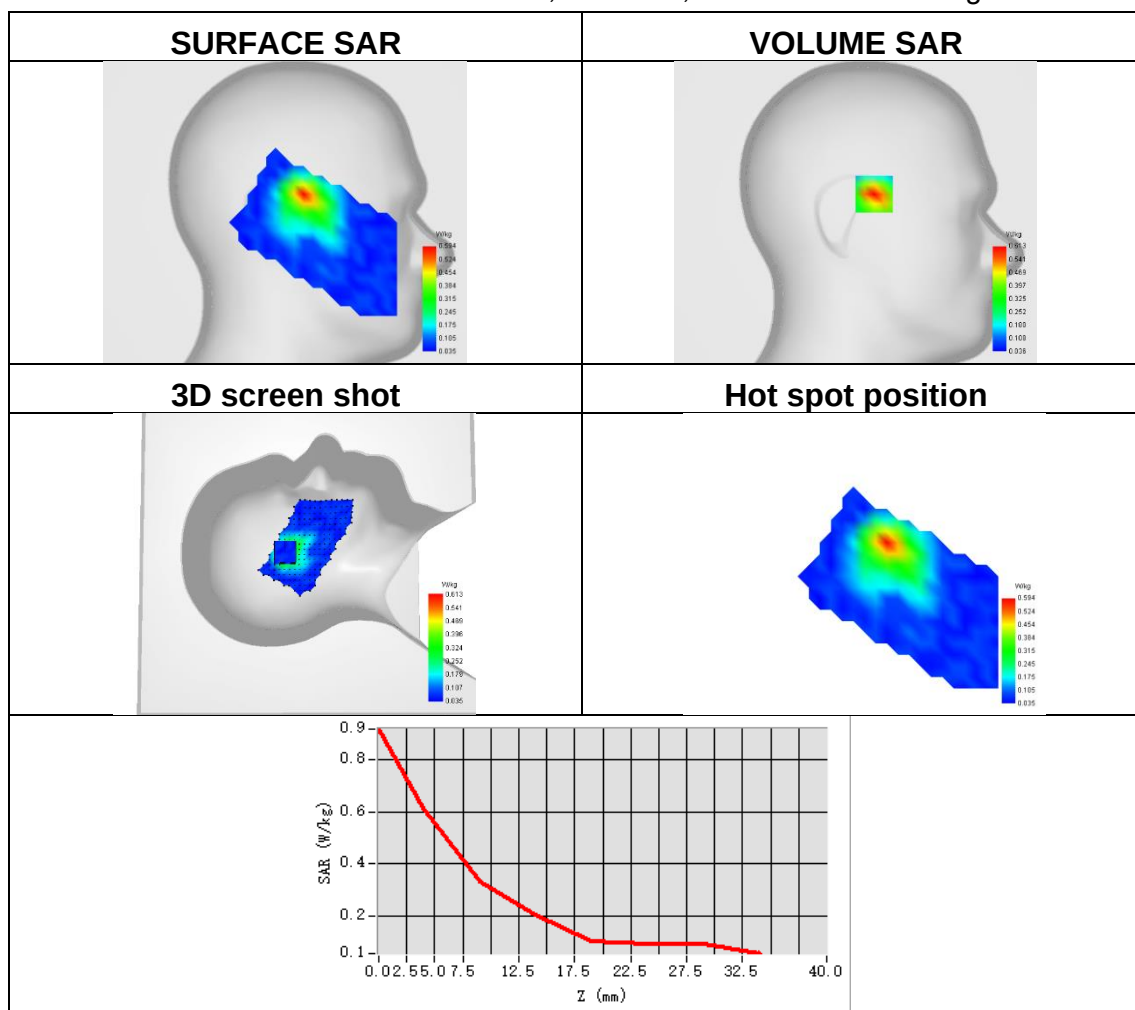




Plot 11:

Test Date	2026-08-13
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	2412
SAR 10g (W/Kg)	0.297
SAR 1g (W/Kg)	0.574
ConvF	1.03
Relative permittivity	39.39
Conductivity (S/m)	1.78

Maximum location: X=-16.00, Y=16.00 ; SAR Peak: 1.05 W/kg

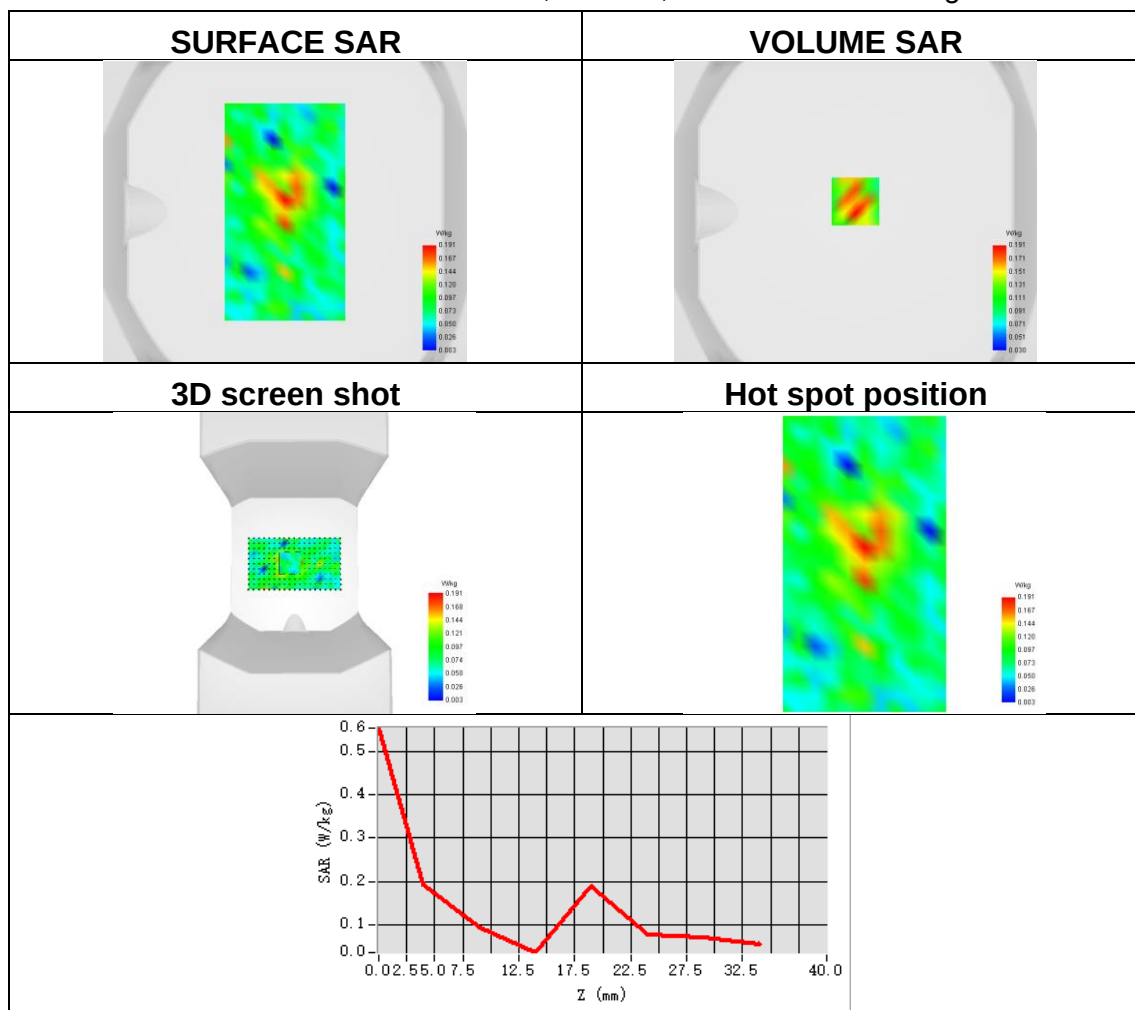




Plot 12:

Test Date	2026-08-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Top Side
Band	ISM
Signal	IEEE 802.11b
Frequency	2412
SAR 10g (W/Kg)	0.104
SAR 1g (W/Kg)	0.206
ConvF	1.03
Relative permittivity	39.39
Conductivity (S/m)	1.78

Maximum location: X=0.00, Y=7.00 ; SAR Peak: 0.49 W/kg

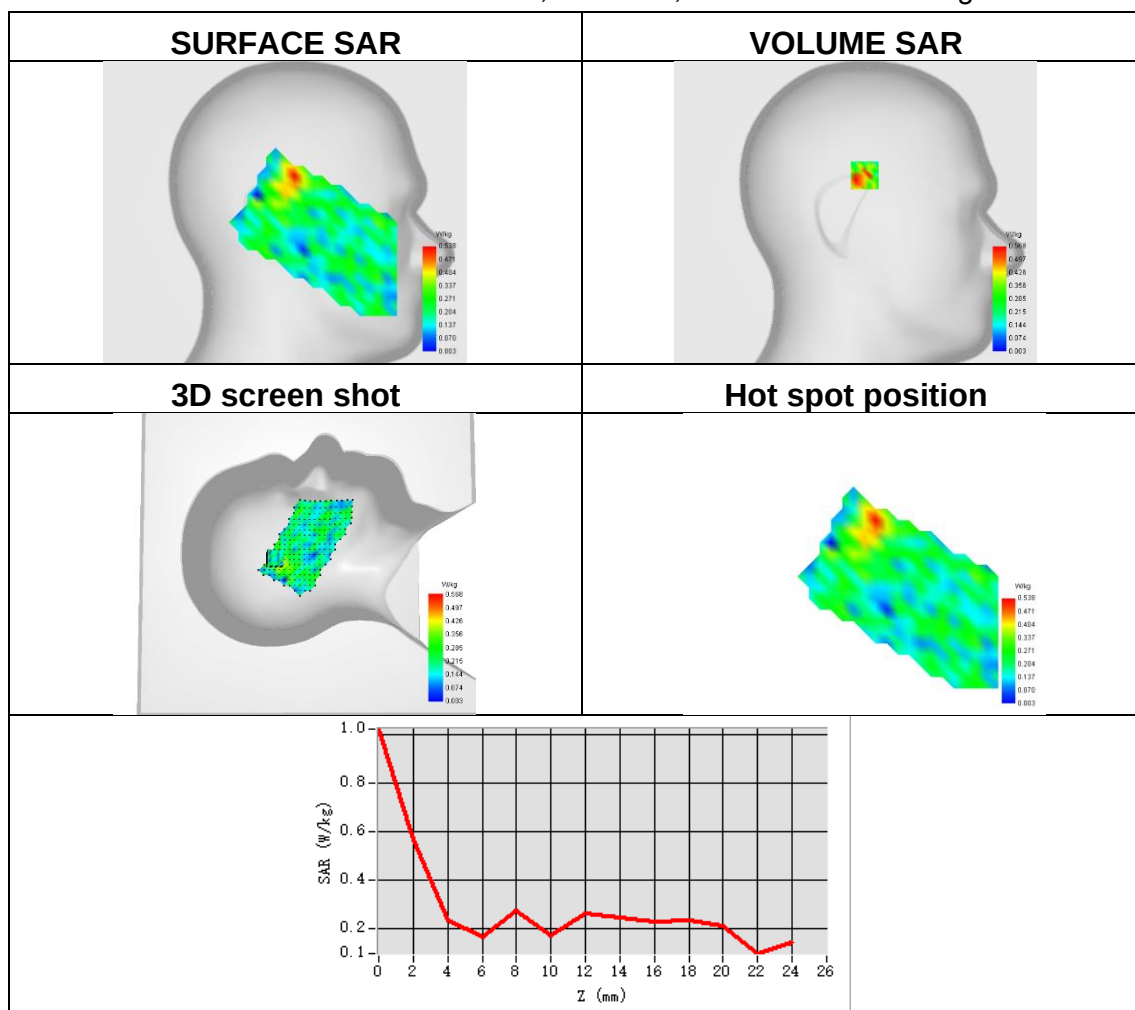




Plot 13:

Test Date	2026-08-09
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-1
Signal	IEEE 802.11a
Frequency	5200
SAR 10g (W/Kg)	0.220
SAR 1g (W/Kg)	0.553
ConvF	1.08
Relative permittivity	36.35
Conductivity (S/m)	4.59

Maximum location: X=-8.00, Y=32.00 ; SAR Peak: 2.19 W/kg

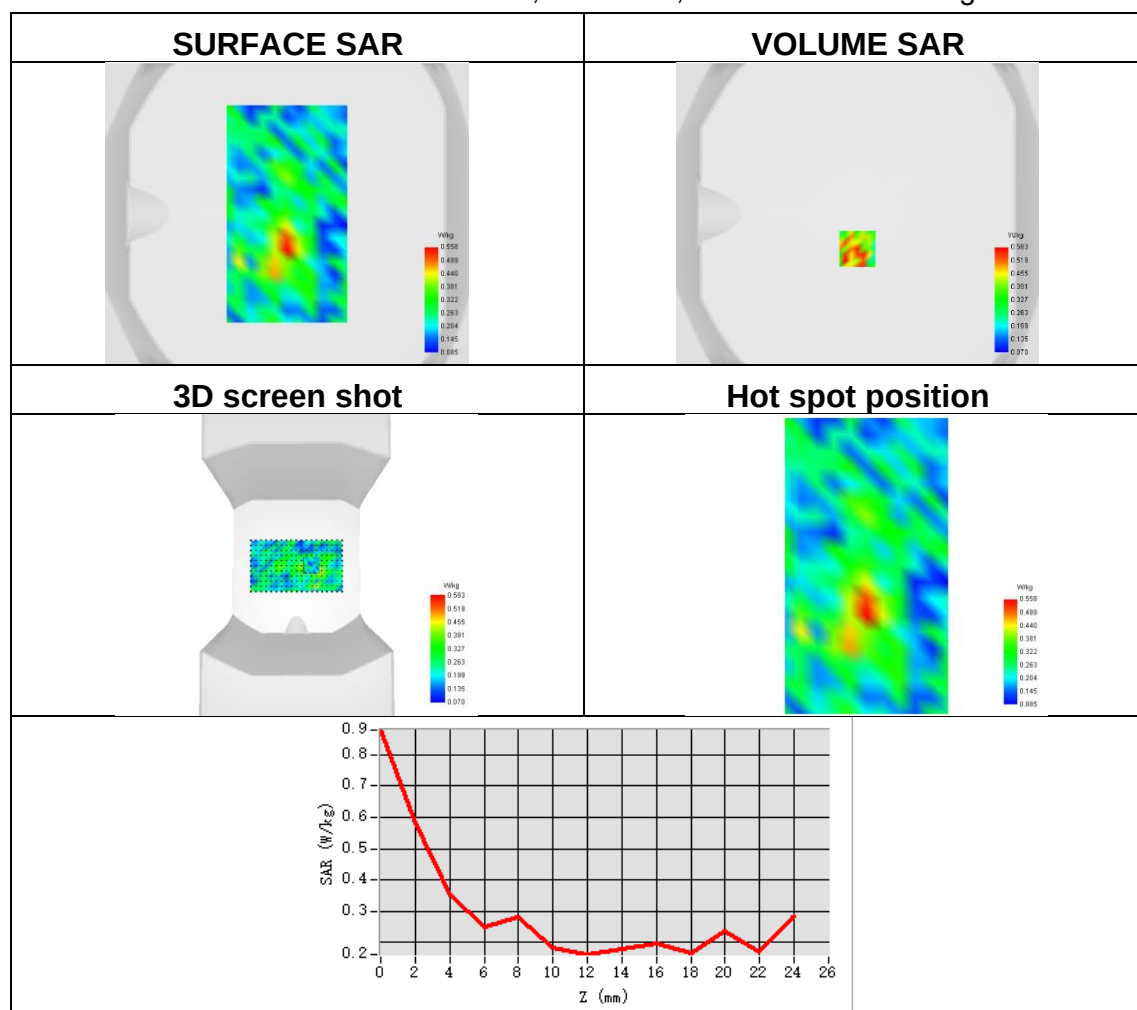




Plot 14:

Test Date	2026-08-09
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Top Side
Band	U-NII-1
Signal	IEEE 802.11a
Frequency	5200
SAR 10g (W/Kg)	0.194
SAR 1g (W/Kg)	0.392
ConvF	1.08
Relative permittivity	36.35
Conductivity (S/m)	4.59

Maximum location: X=0.00, Y=-23.00 ; SAR Peak: 1.39 W/kg

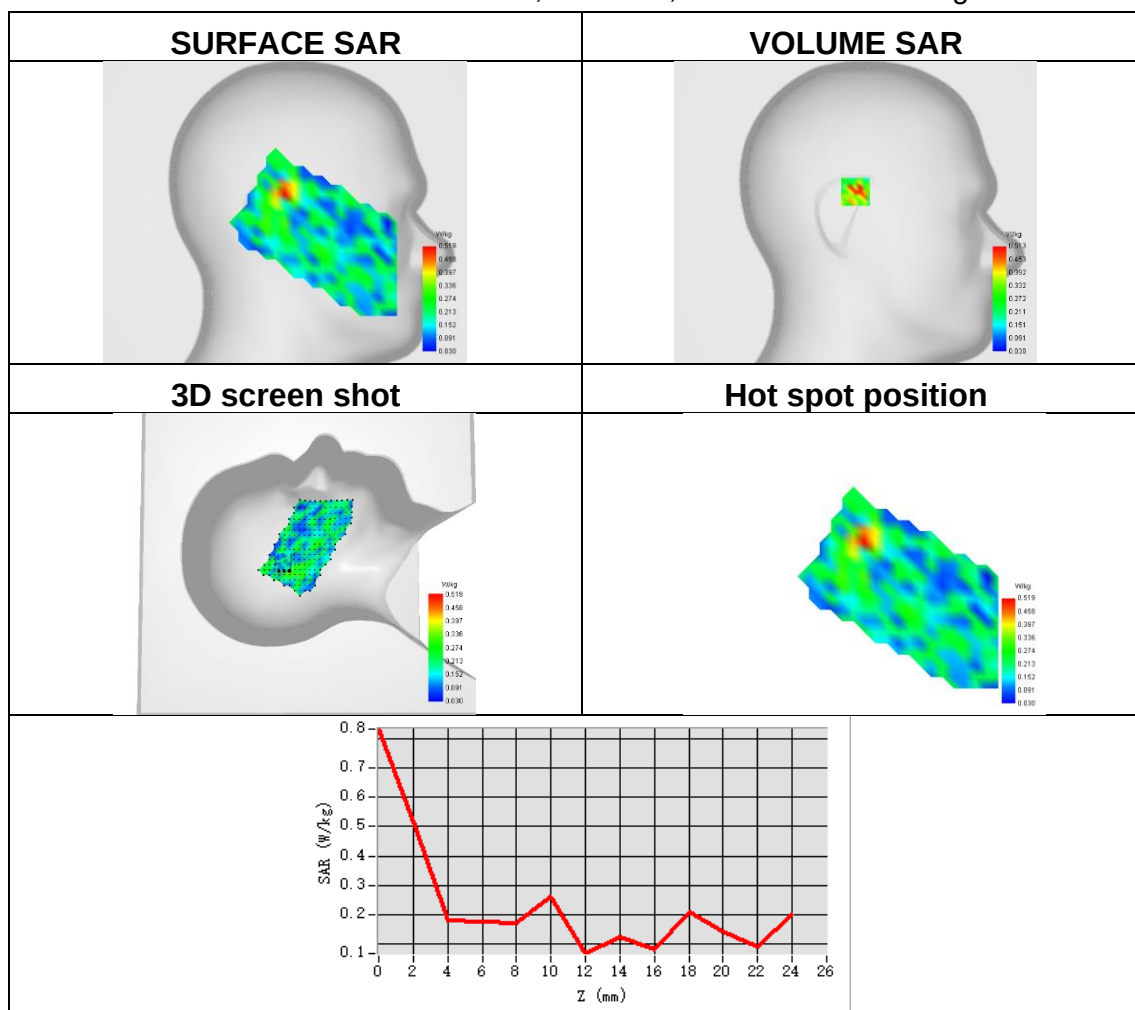




Plot 15:

Test Date	2026-08-09
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2a
Signal	IEEE 802.11a
Frequency	5300
SAR 10g (W/Kg)	0.173
SAR 1g (W/Kg)	0.373
ConvF	1.16
Relative permittivity	35.92
Conductivity (S/m)	4.92

Maximum location: X=0.00, Y=18.00 ; SAR Peak: 1.98 W/kg

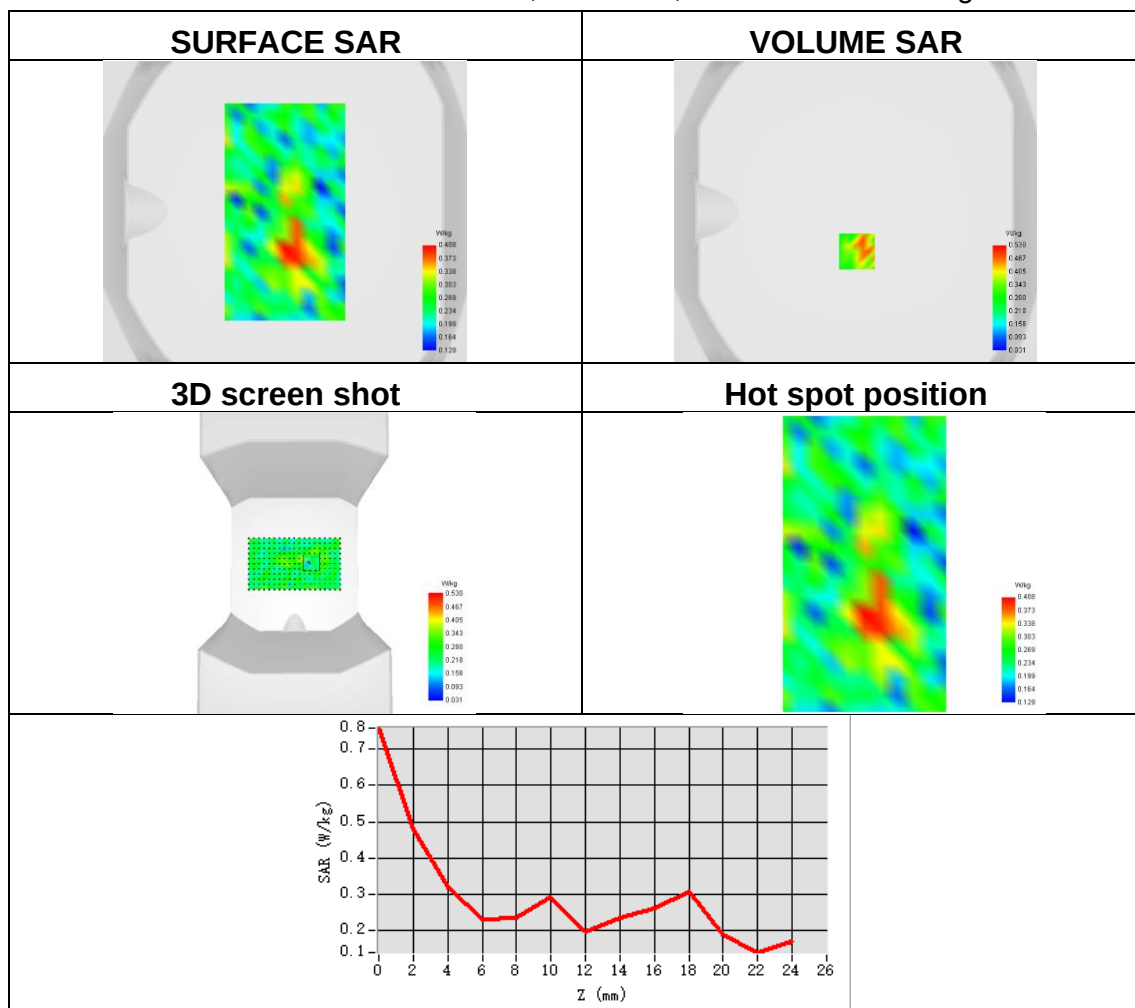




Plot 16:

Test Date	2026-08-09
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Top Side
Band	U-NII-2a
Signal	IEEE 802.11a
Frequency	5300
SAR 10g (W/Kg)	0.173
SAR 1g (W/Kg)	0.357
ConvF	1.16
Relative permittivity	35.92
Conductivity (S/m)	4.92

Maximum location: X=1.00, Y=-26.00 ; SAR Peak: 1.02 W/kg

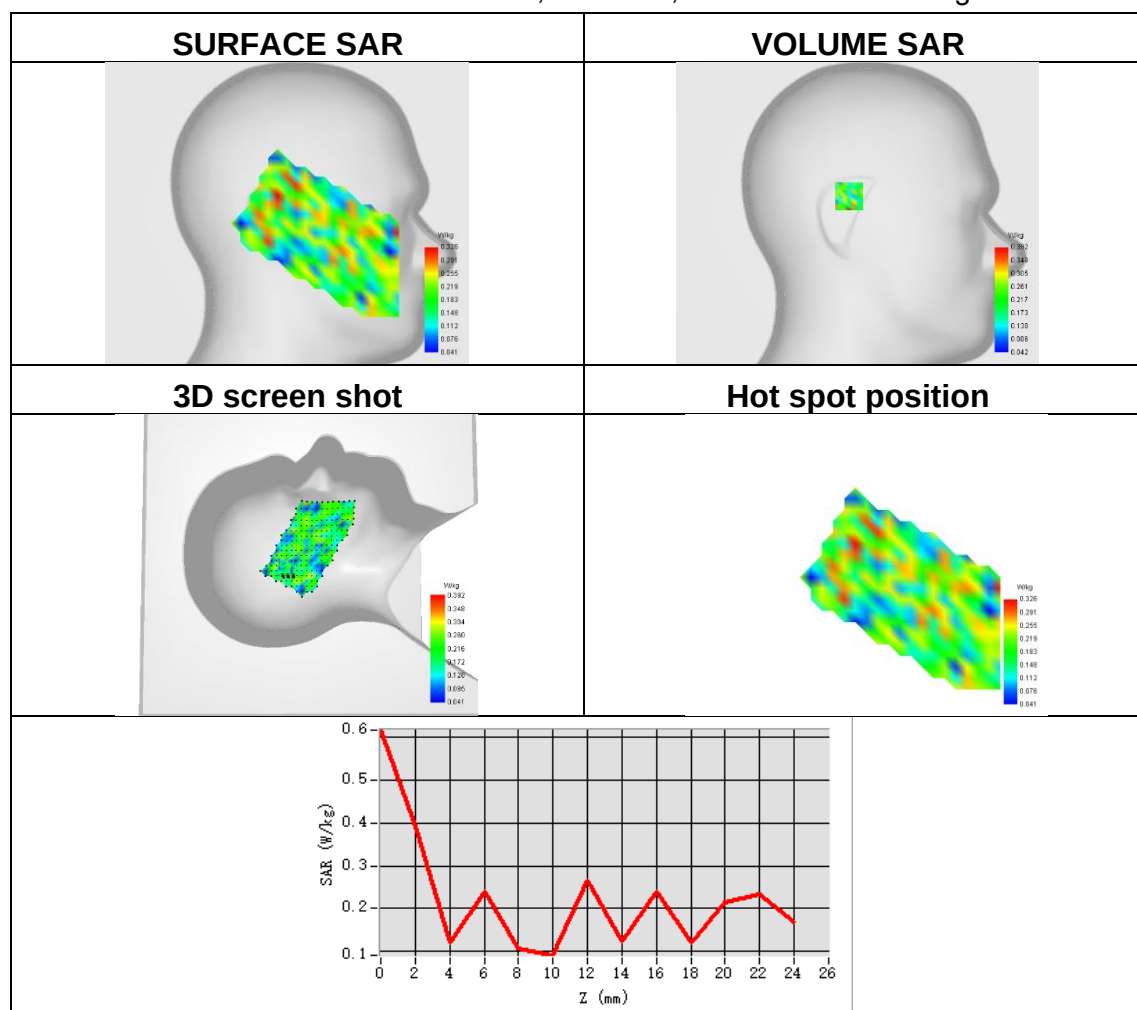




Plot 13:

Test Date	2026-08-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-2c
Signal	IEEE 802.11a
Frequency	5580
SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.346
ConvF	1.07
Relative permittivity	37.08
Conductivity (S/m)	5.03

Maximum location: X=7.00, Y=15.00 ; SAR Peak: 2.14 W/kg

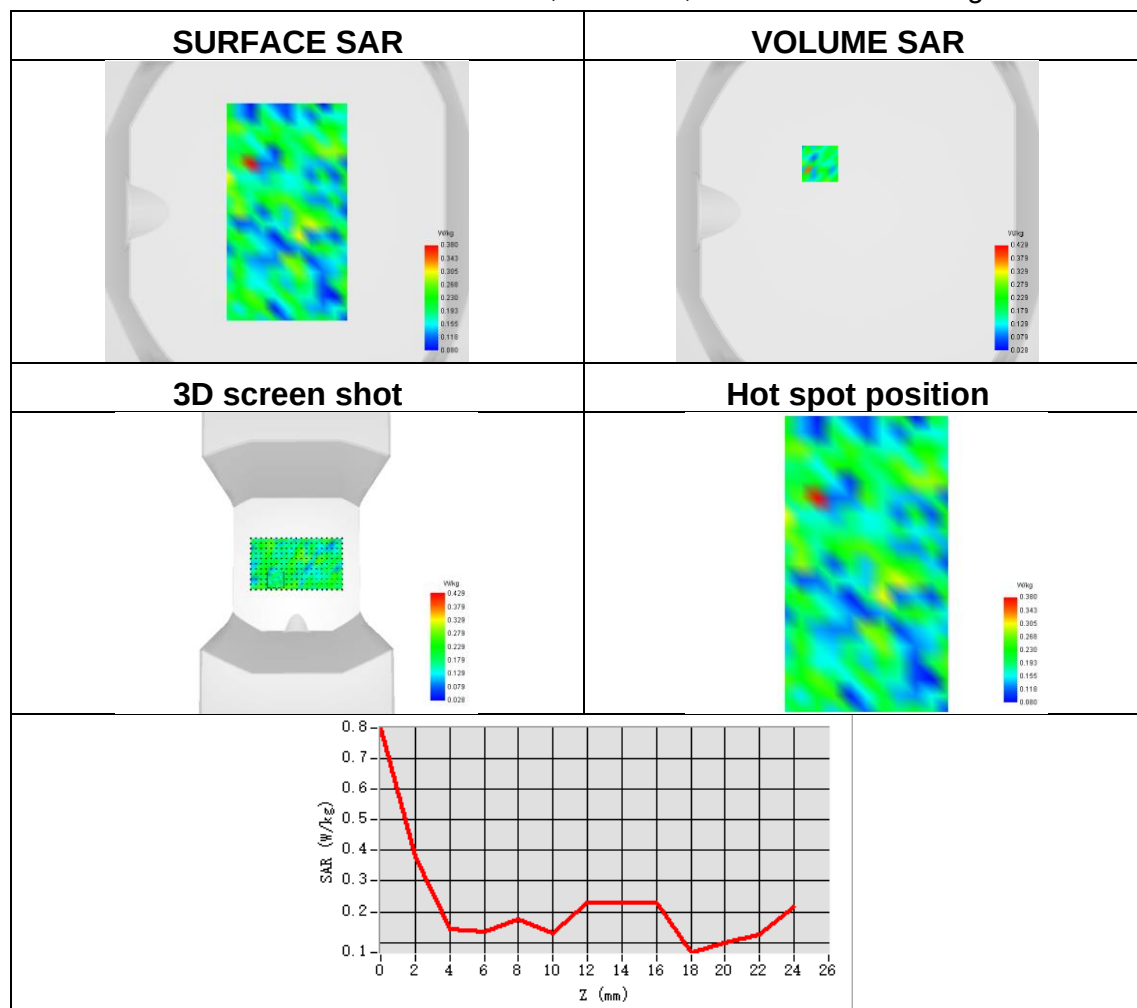




Plot 18:

Test Date	2026-08-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Top Side
Band	U-NII-2c
Signal	IEEE 802.11a
Frequency	5580
SAR 10g (W/Kg)	0.122
SAR 1g (W/Kg)	0.185
ConvF	1.07
Relative permittivity	37.08
Conductivity (S/m)	5.03

Maximum location: X=-25.00, Y=32.00 ; SAR Peak: 0.81 W/kg

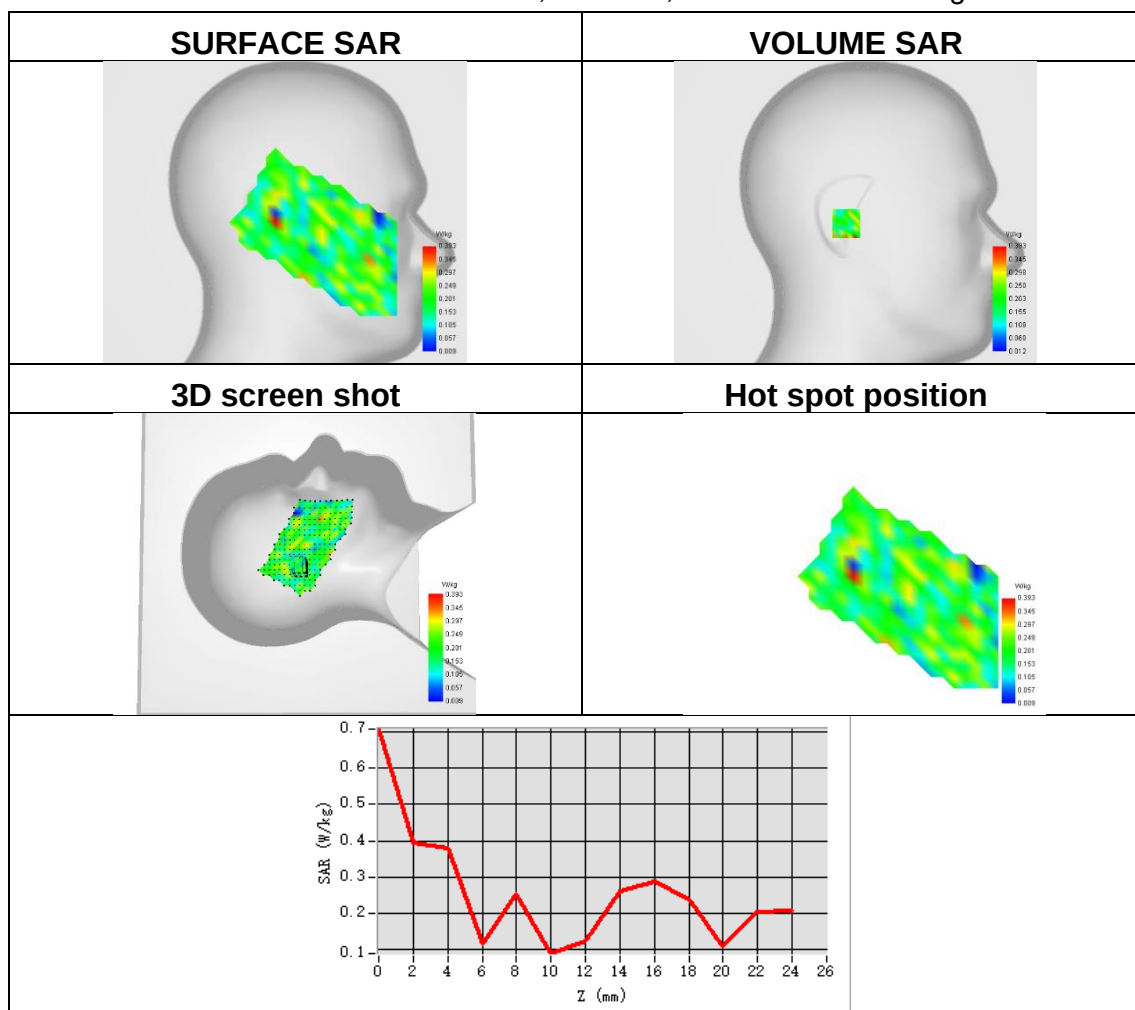




Plot 19:

Test Date	2026-08-16
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	U-NII-3
Signal	IEEE 802.11a
Frequency	5745
SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.290
ConvF	1.19
Relative permittivity	35.67
Conductivity (S/m)	5.25

Maximum location: X=8.00, Y=-9.00 ; SAR Peak: 1.76 W/kg

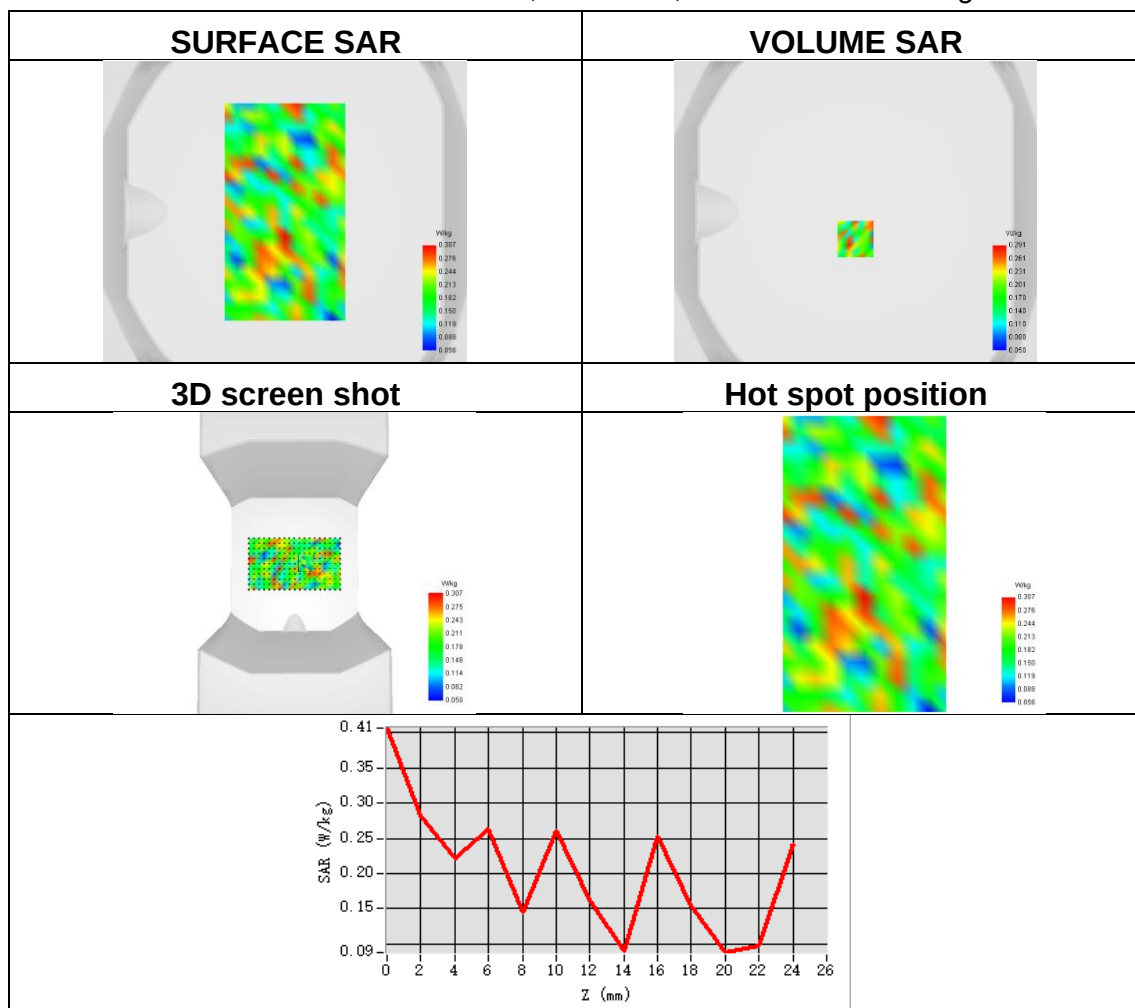




Plot 20:

Test Date	2026-08-16
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Top Side
Band	U-NII-3
Signal	IEEE 802.11a
Frequency	5745
SAR 10g (W/Kg)	0.127
SAR 1g (W/Kg)	0.222
ConvF	1.19
Relative permittivity	35.67
Conductivity (S/m)	5.25

Maximum location: X=0.00, Y=-18.00 ; SAR Peak: 1.16 W/kg

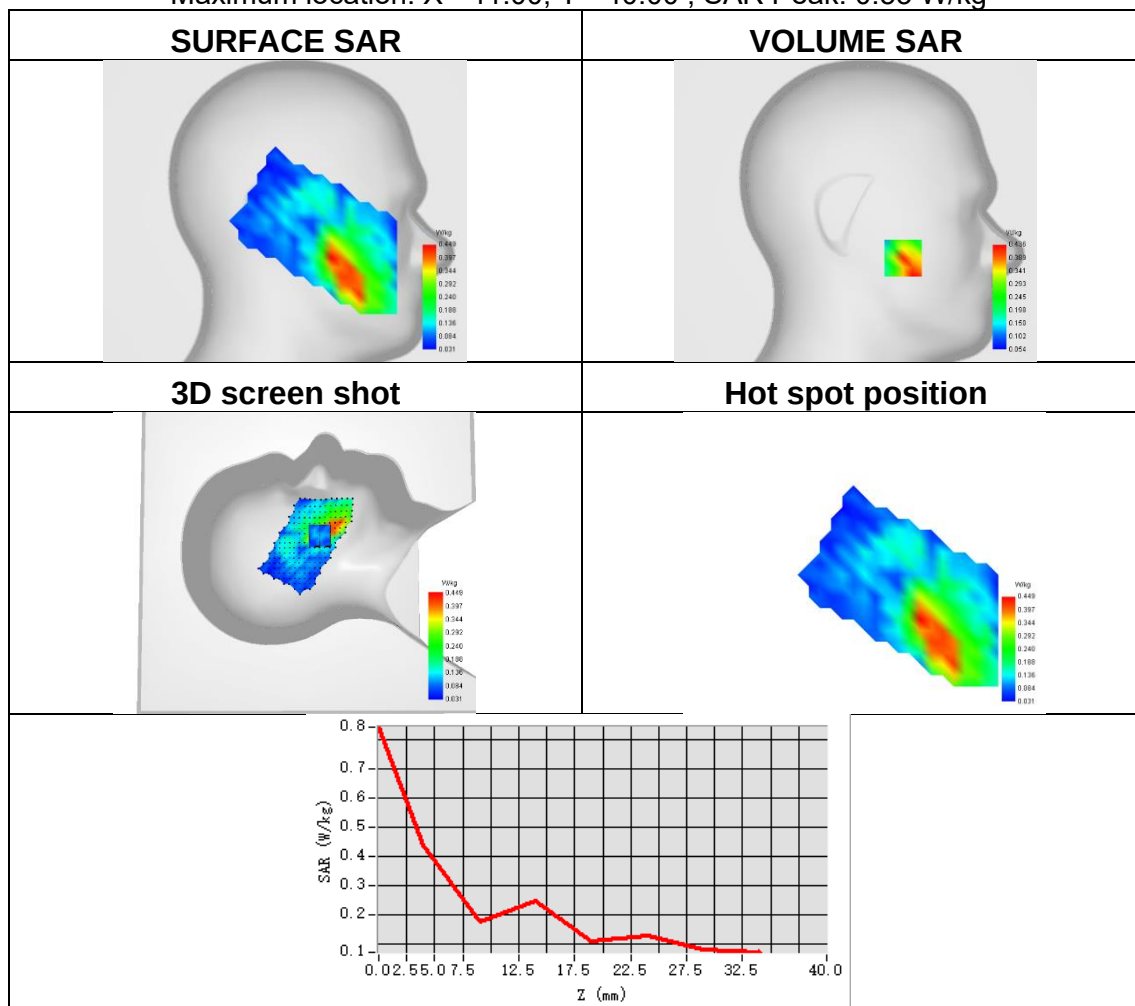




Plot 21:

Test Date	2026-08-15
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)	0.258
SAR 1g (W/Kg)	0.386
ConvF	0.90
Relative permittivity	40.76
Conductivity (S/m)	1.46

Maximum location: X=-41.00, Y=-40.00 ; SAR Peak: 0.53 W/kg

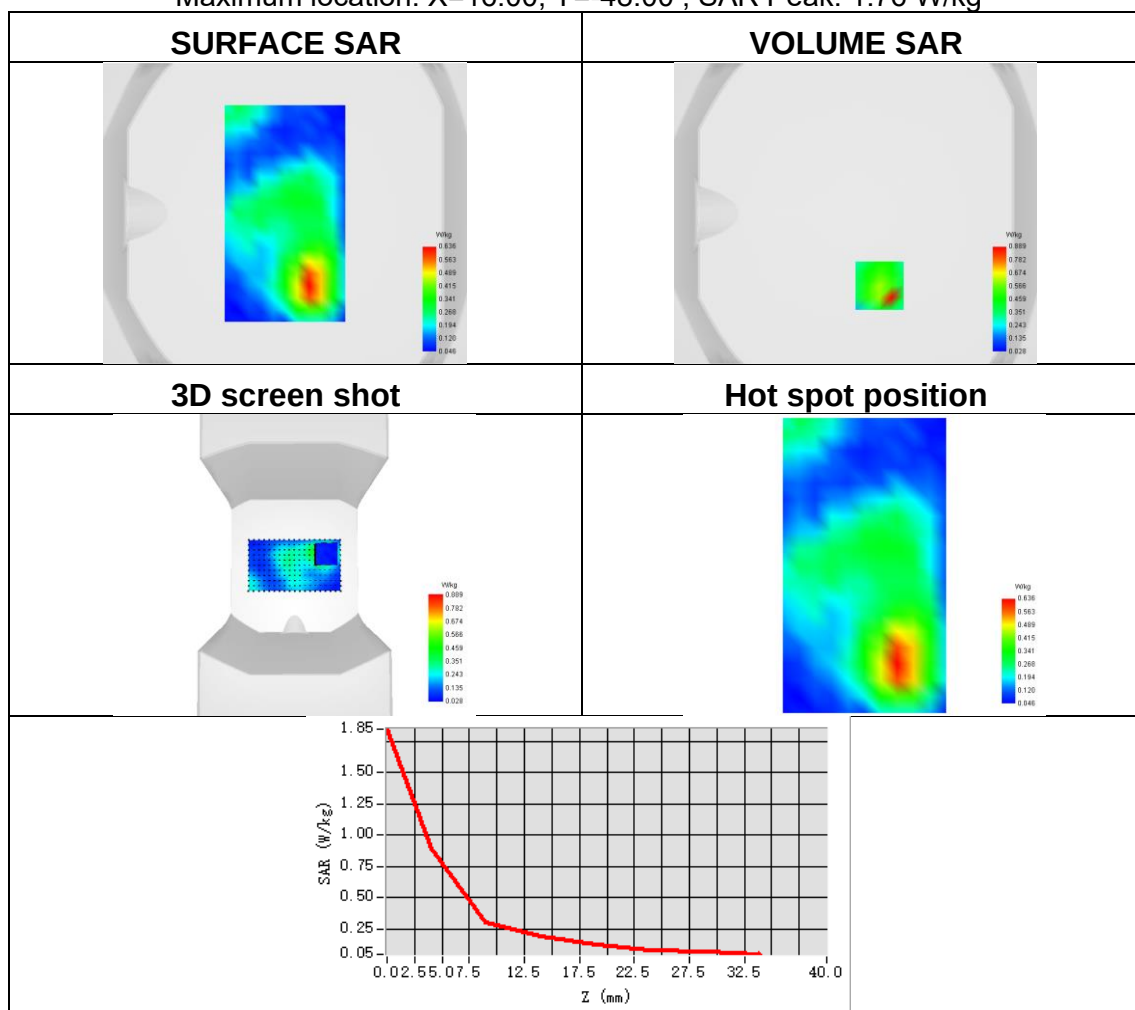




Plot 22:

Test Date	2026-08-15
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 2
Signal	LTE FDD
Frequency	1860
SAR 10g (W/Kg)	0.319
SAR 1g (W/Kg)	0.752
ConvF	0.90
Relative permittivity	40.76
Conductivity (S/m)	1.46

Maximum location: X=16.00, Y=-48.00 ; SAR Peak: 1.76 W/kg

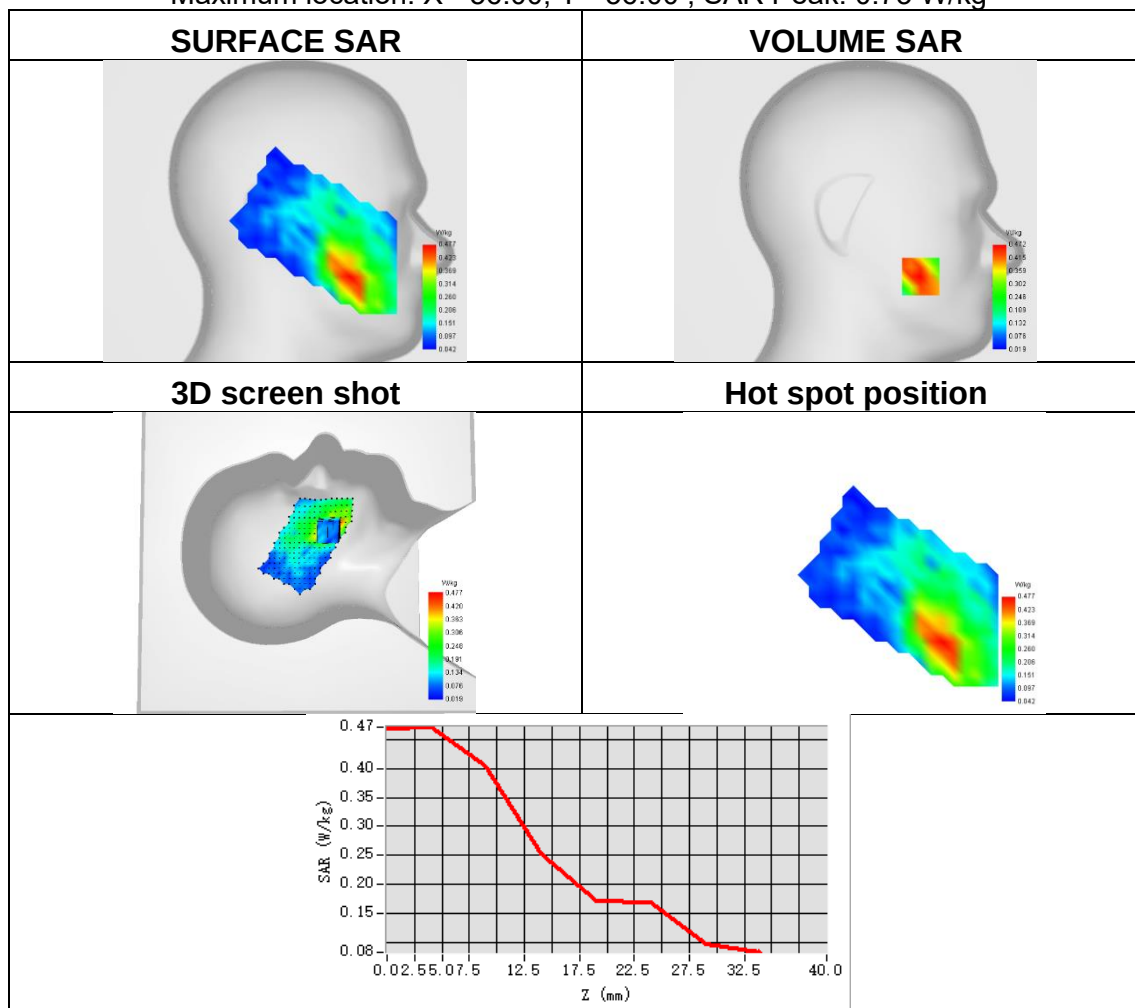




Plot 23:

Test Date	2026-08-14
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	1732.5
SAR 10g (W/Kg)	0.285
SAR 1g (W/Kg)	0.449
ConvF	0.69
Relative permittivity	41.13
Conductivity (S/m)	1.37

Maximum location: X=-56.00, Y=-56.00 ; SAR Peak: 0.73 W/kg

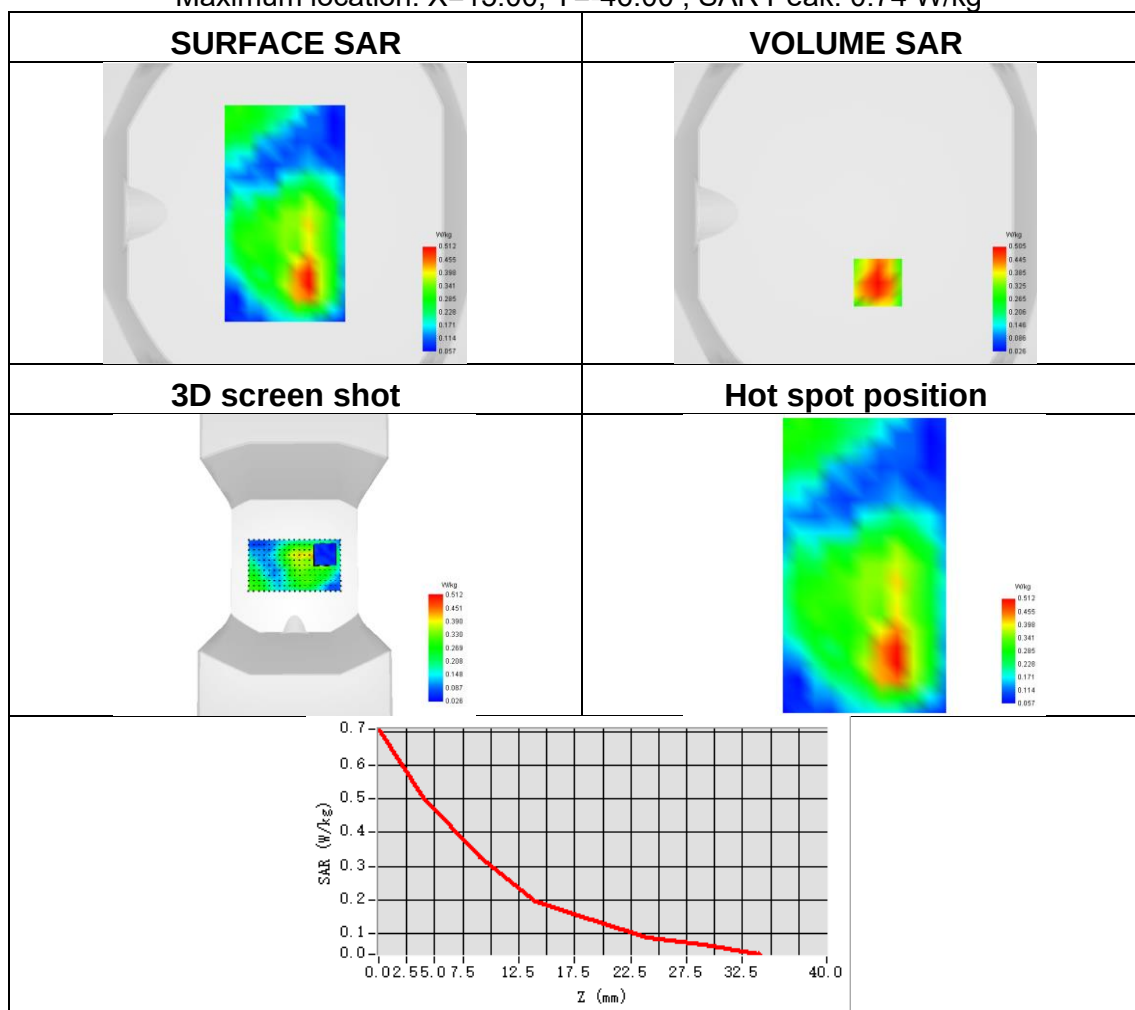




Plot 24:

Test Date	2026-08-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 4
Signal	LTE FDD
Frequency	1732.5
SAR 10g (W/Kg)	0.280
SAR 1g (W/Kg)	0.473
ConvF	0.69
Relative permittivity	41.13
Conductivity (S/m)	1.37

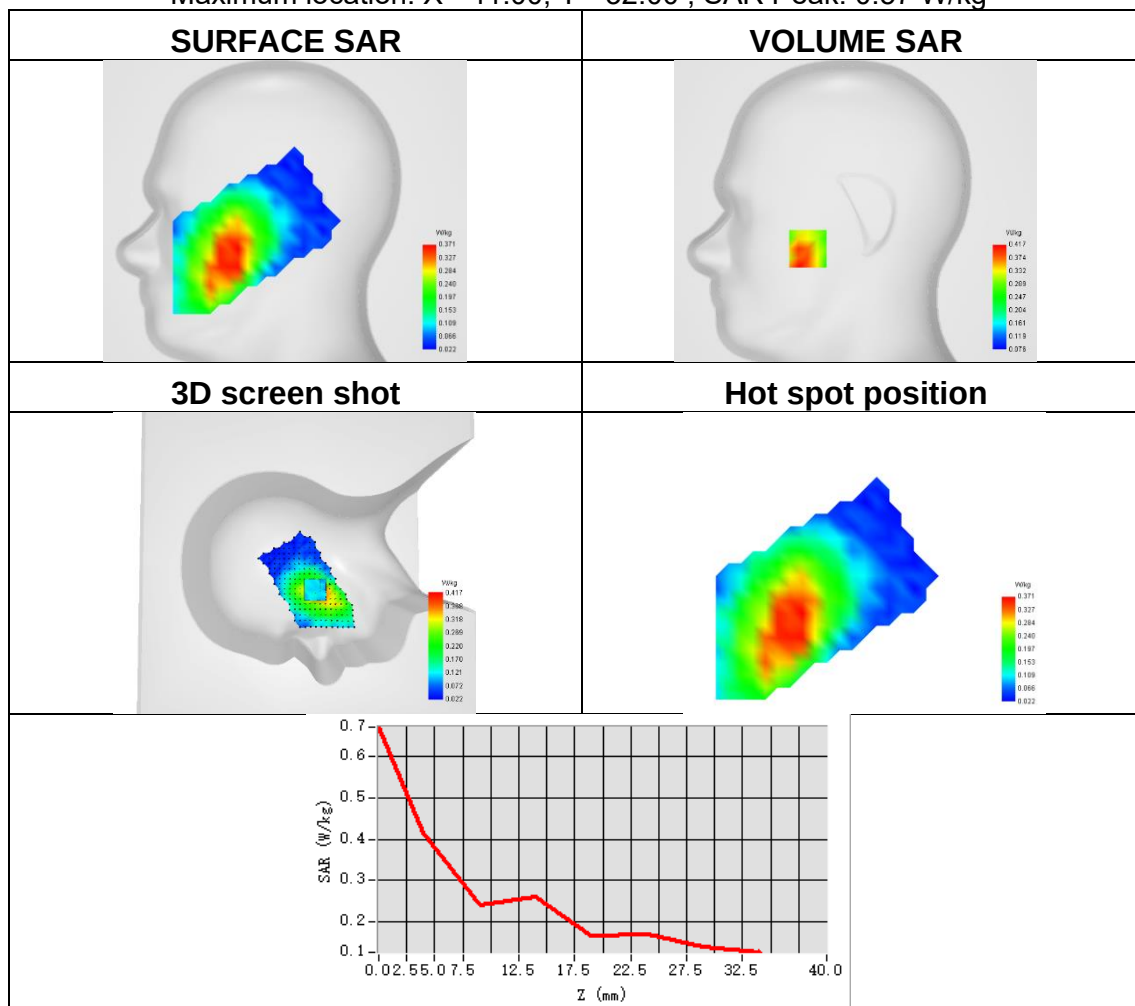
Maximum location: X=15.00, Y=-46.00 ; SAR Peak: 0.74 W/kg



Plot 25:

Test Date	2026-08-12
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)	0.272
SAR 1g (W/Kg)	0.385
ConvF	0.69
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=-41.00, Y=-32.00 ; SAR Peak: 0.57 W/kg

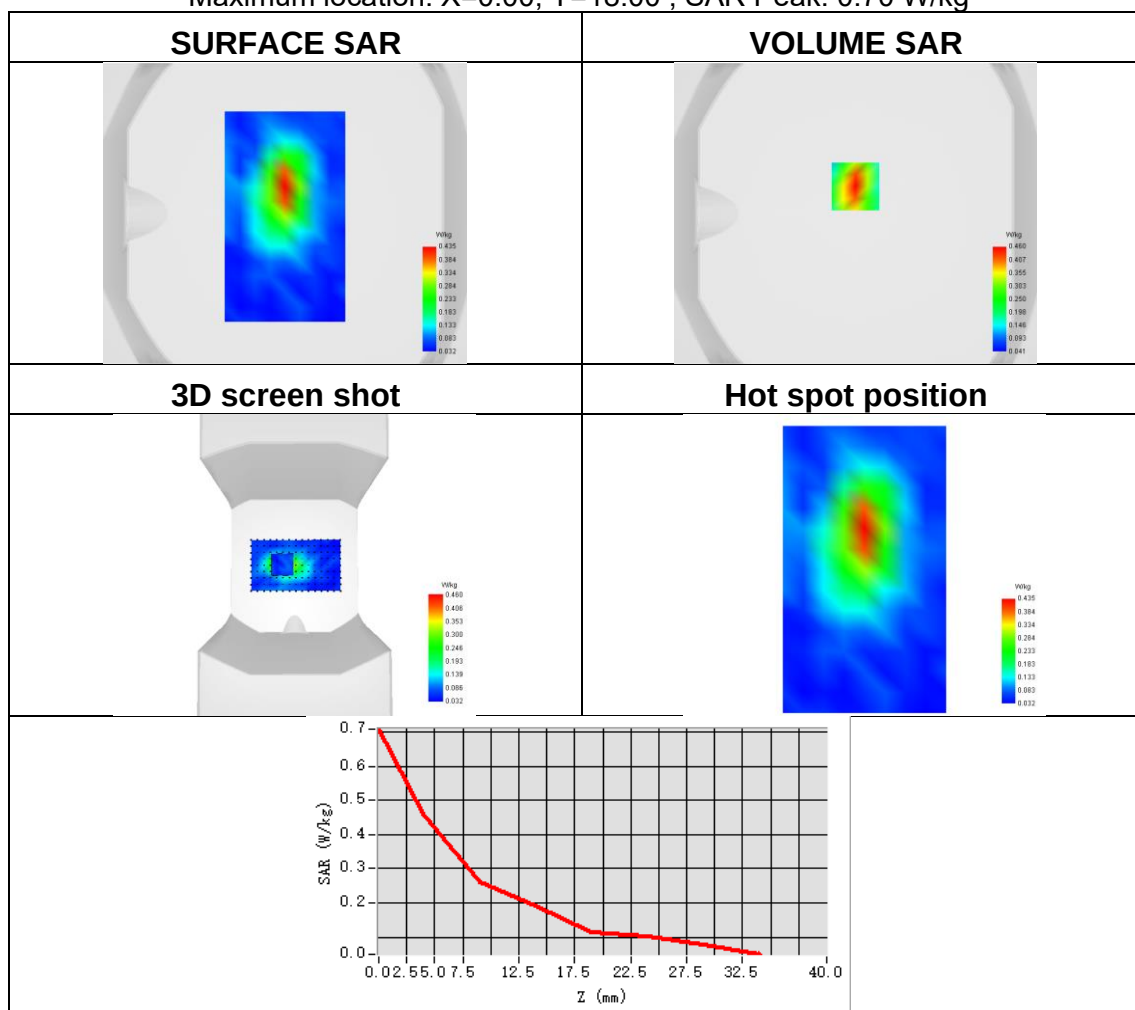




Plot 26:

Test Date	2026-08-12
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)	0.244
SAR 1g (W/Kg)	0.427
ConvF	0.69
Relative permittivity	42.68
Conductivity (S/m)	0.93

Maximum location: X=0.00, Y=18.00 ; SAR Peak: 0.70 W/kg

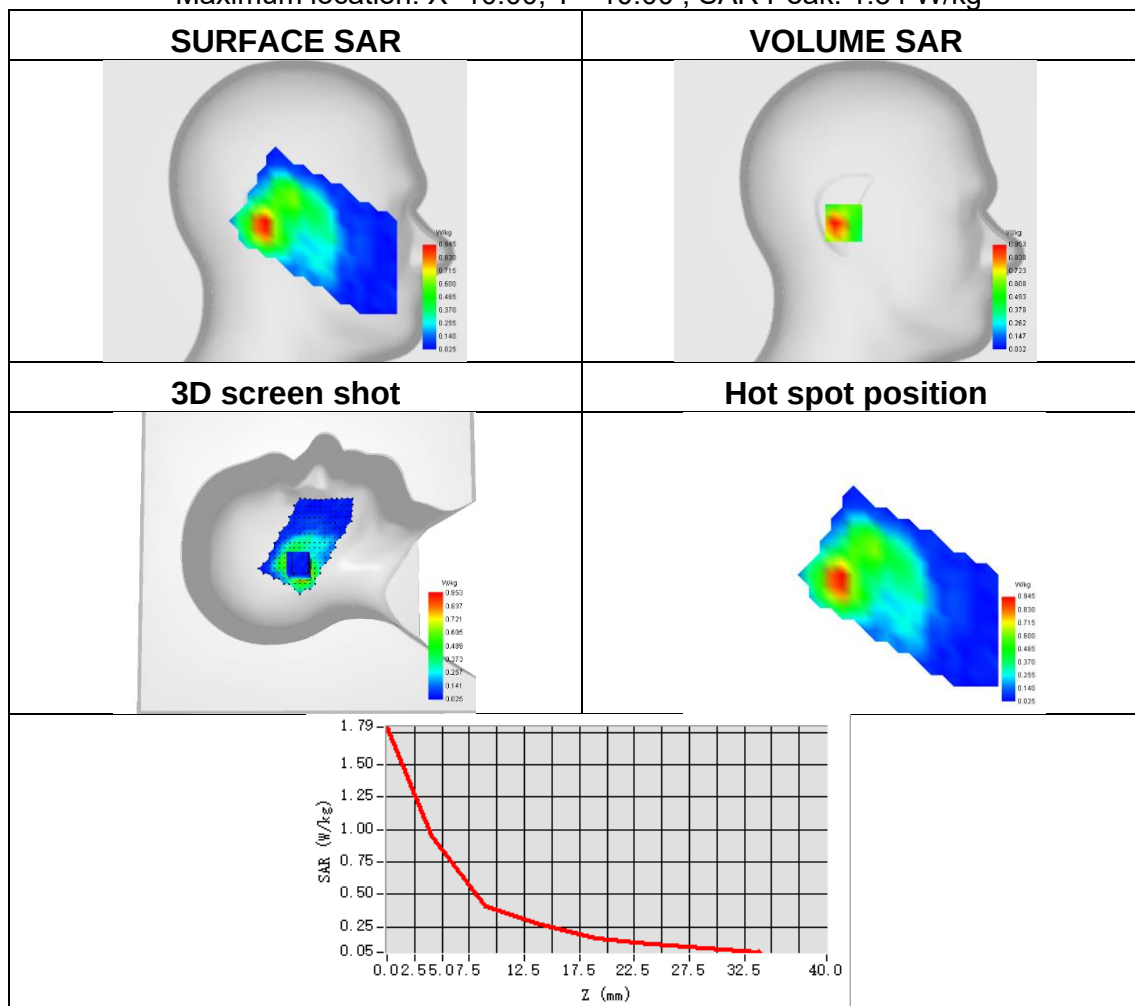




Plot 27:

Test Date	2026-08-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 7
Signal	LTE FDD
Frequency	2510
SAR 10g (W/Kg)	0.434
SAR 1g (W/Kg)	0.879
ConvF	0.98
Relative permittivity	39.39
Conductivity (S/m)	1.78

Maximum location: X=10.00, Y=-10.00 ; SAR Peak: 1.54 W/kg

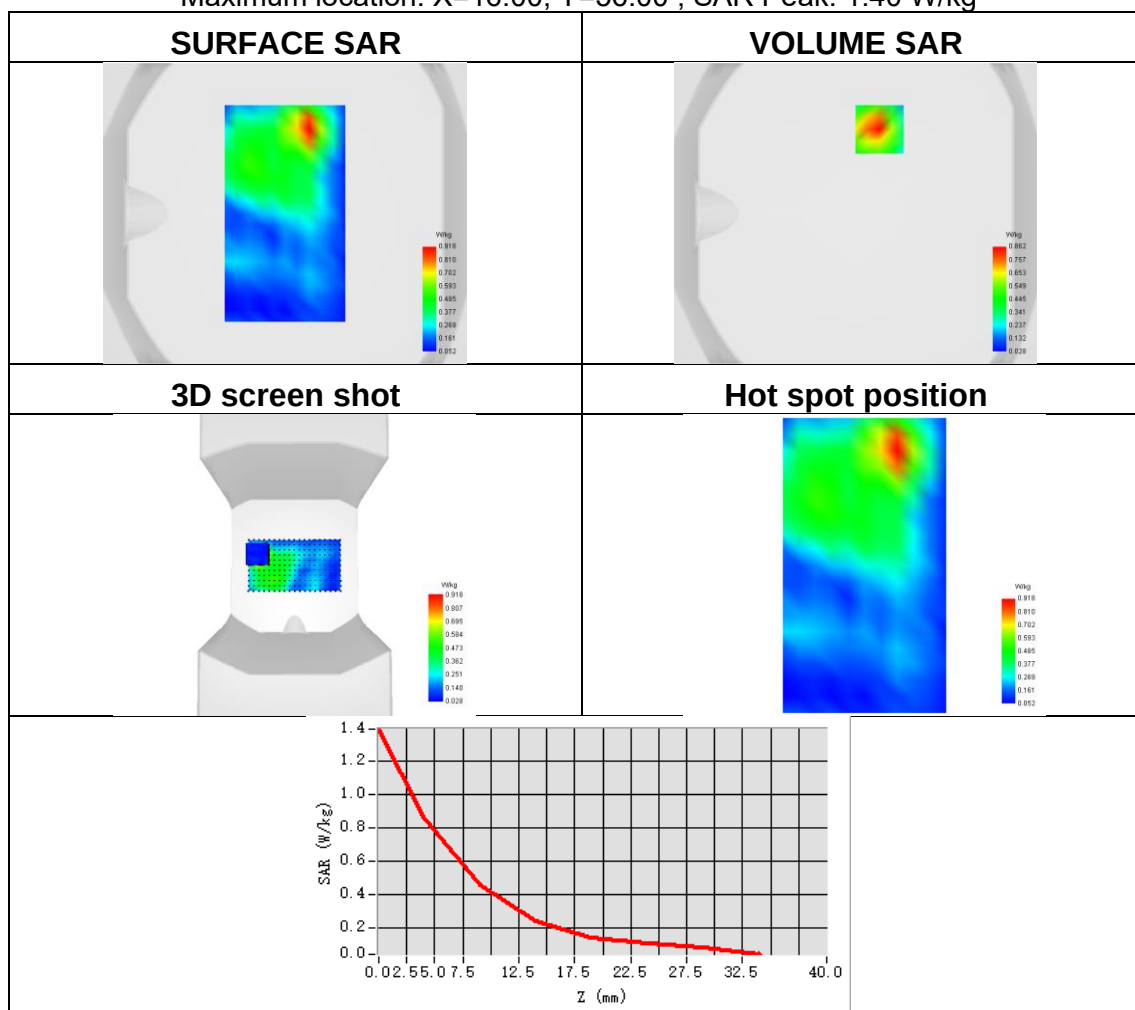




Plot 28:

Test Date	2026-08-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 7
Signal	LTE FDD
Frequency	2510
SAR 10g (W/Kg)	0.415
SAR 1g (W/Kg)	0.800
ConvF	0.98
Relative permittivity	39.39
Conductivity (S/m)	1.78

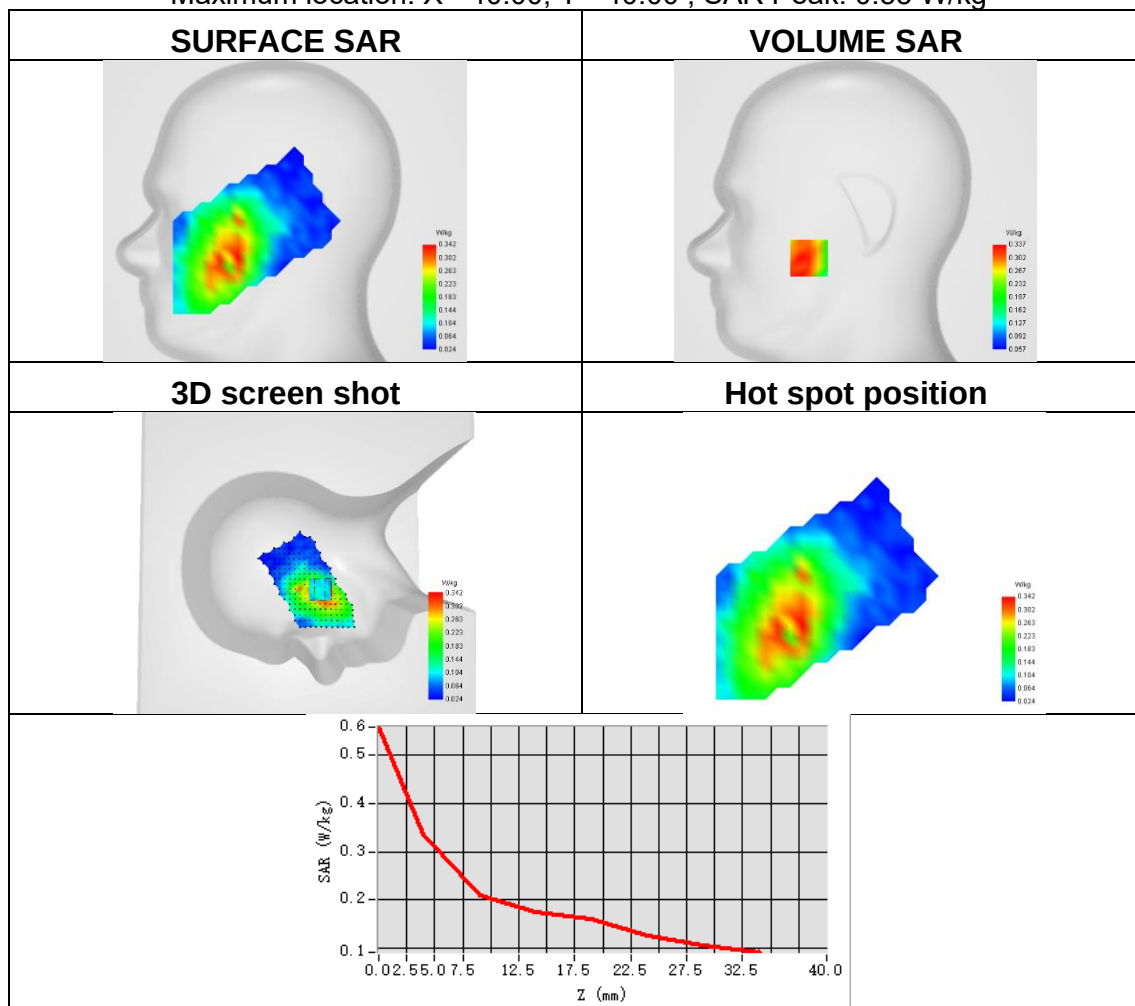
Maximum location: X=16.00, Y=56.00 ; SAR Peak: 1.40 W/kg



Plot 29:

Test Date	2026-08-16
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE band 13
Signal	LTE FDD
Frequency	782
SAR 10g (W/Kg)	0.226
SAR 1g (W/Kg)	0.346
ConvF	0.71
Relative permittivity	41.77
Conductivity (S/m)	0.86

Maximum location: X=-40.00, Y=-40.00 ; SAR Peak: 0.55 W/kg

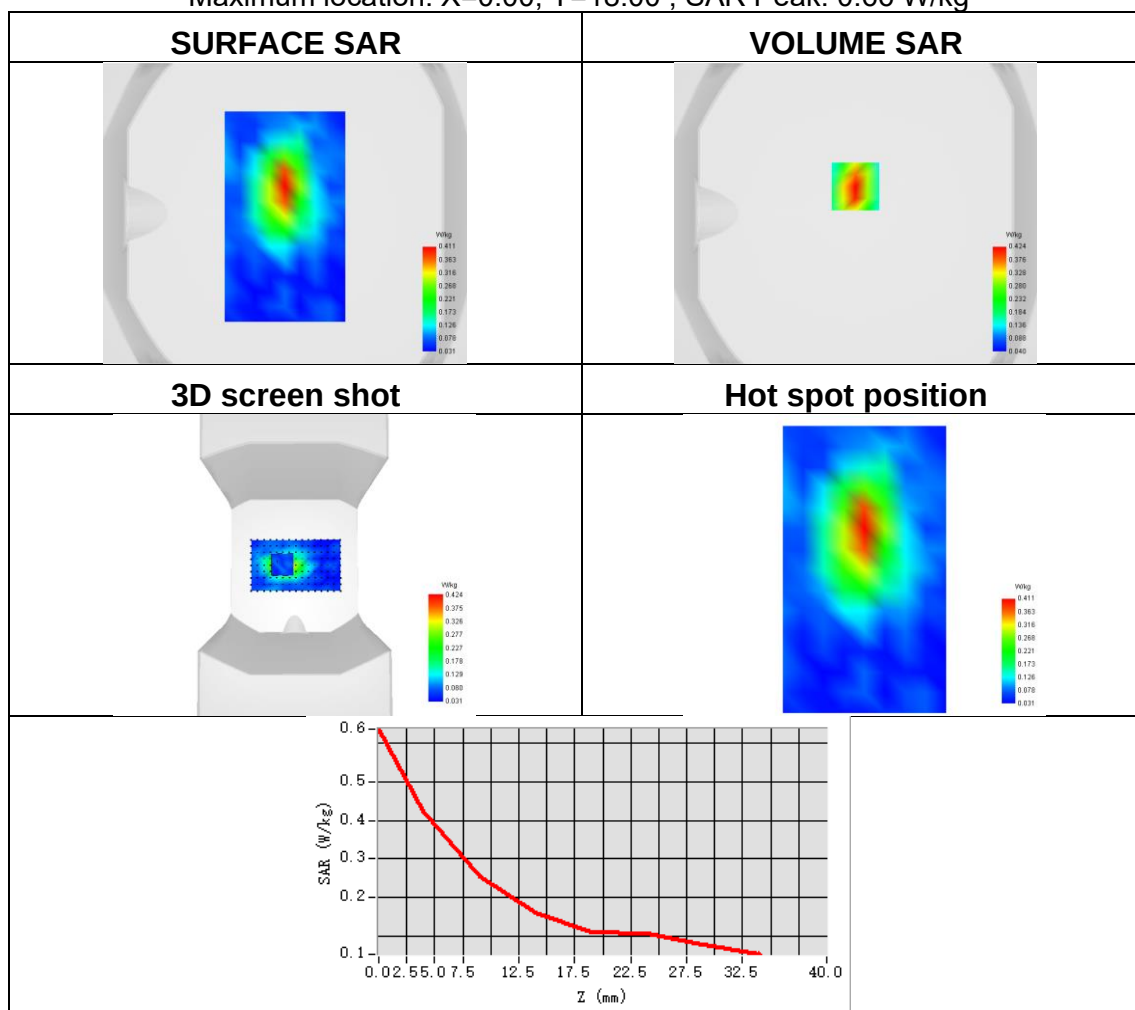




Plot 30:

Test Date	2026-08-16
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 13
Signal	LTE FDD
Frequency	782
SAR 10g (W/Kg)	0.226
SAR 1g (W/Kg)	0.402
ConvF	0.71
Relative permittivity	41.77
Conductivity (S/m)	0.86

Maximum location: X=0.00, Y=18.00 ; SAR Peak: 0.66 W/kg

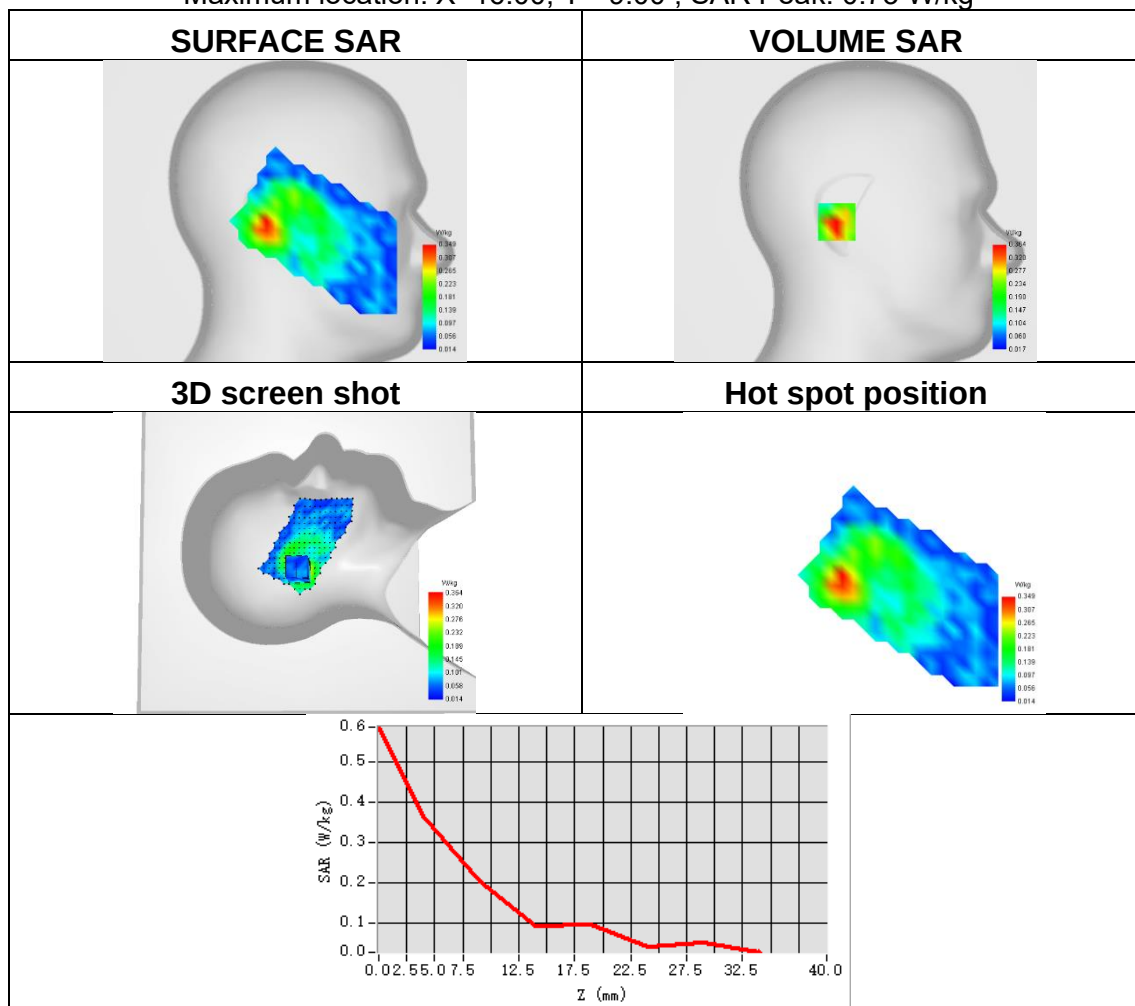




Plot 14:

Test Date	2026-08-11
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 38
Signal	LTE FDD
Frequency	2610
SAR 10g (W/Kg)	0.174
SAR 1g (W/Kg)	0.372
ConvF	0.98
Relative permittivity	39.64
Conductivity (S/m)	1.92

Maximum location: X=16.00, Y=-9.00 ; SAR Peak: 0.73 W/kg

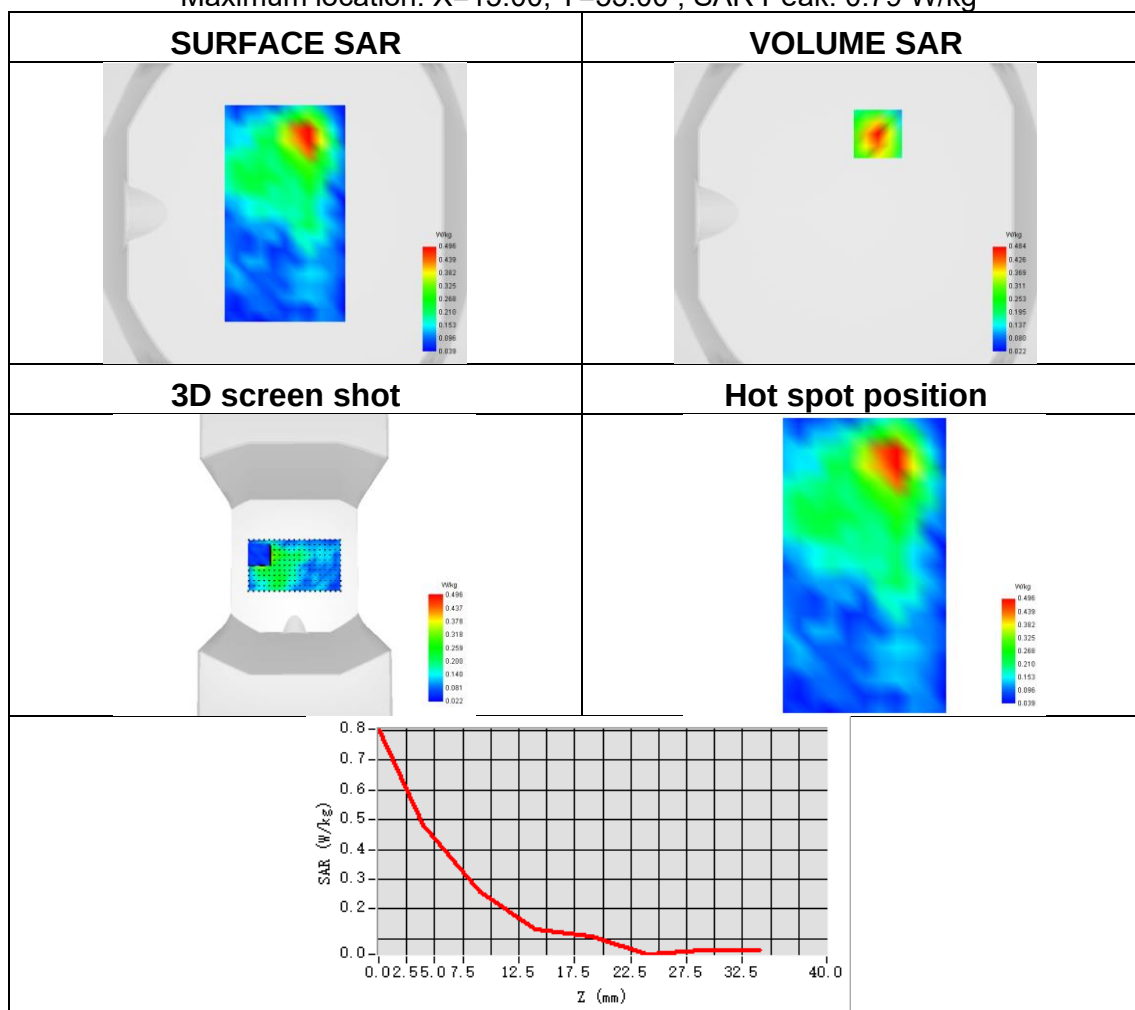




Plot 15:

Test Date	2026-08-11
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 38
Signal	LTE FDD
Frequency	2610
SAR 10g (W/Kg)	0.237
SAR 1g (W/Kg)	0.451
ConvF	0.98
Relative permittivity	39.64
Conductivity (S/m)	1.92

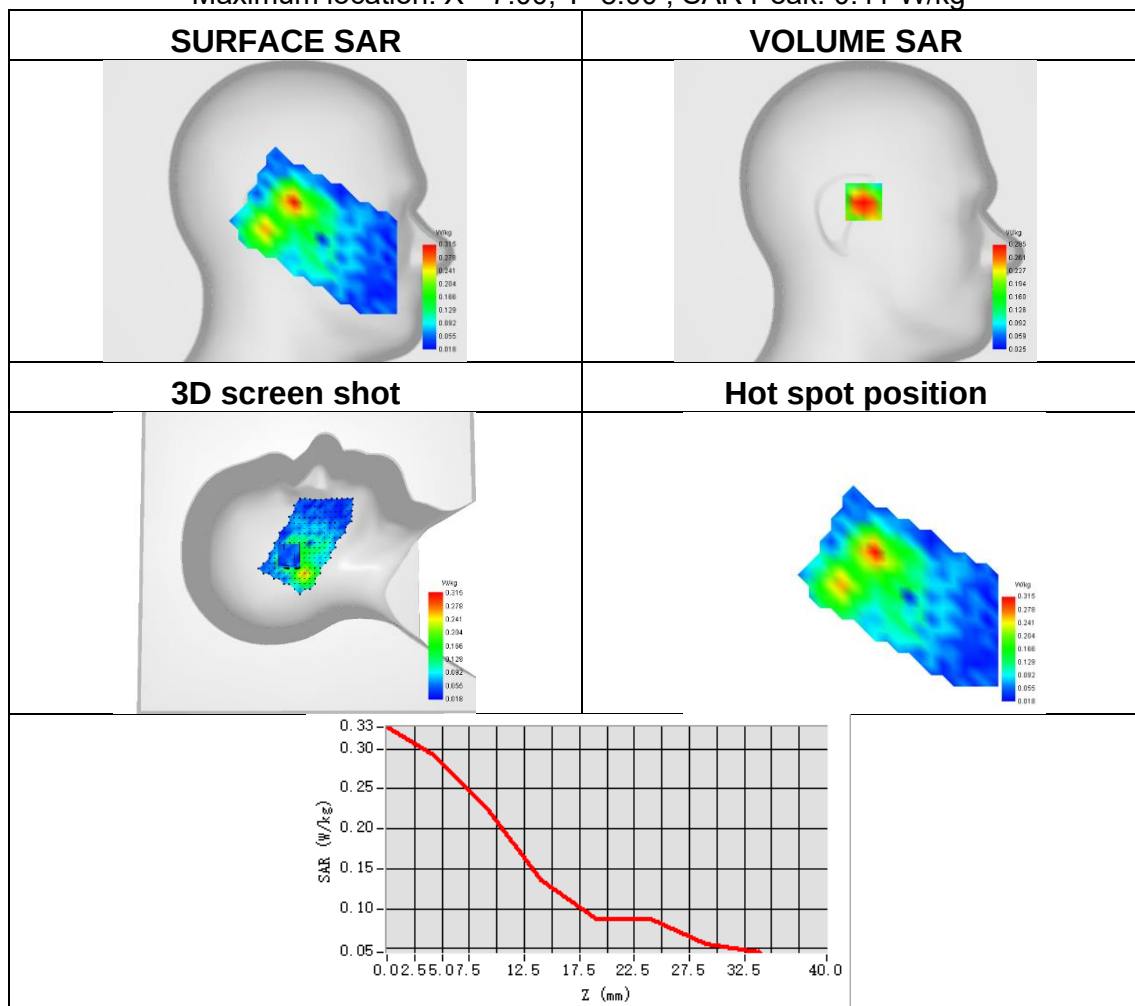
Maximum location: X=15.00, Y=53.00 ; SAR Peak: 0.79 W/kg



Plot 16:

Test Date	2026-08-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 40
Signal	LTE FDD
Frequency	2360
SAR 10g (W/Kg)	0.173
SAR 1g (W/Kg)	0.274
ConvF	0.97
Relative permittivity	39.39
Conductivity (S/m)	1.78

Maximum location: X=-7.00, Y=8.00 ; SAR Peak: 0.41 W/kg

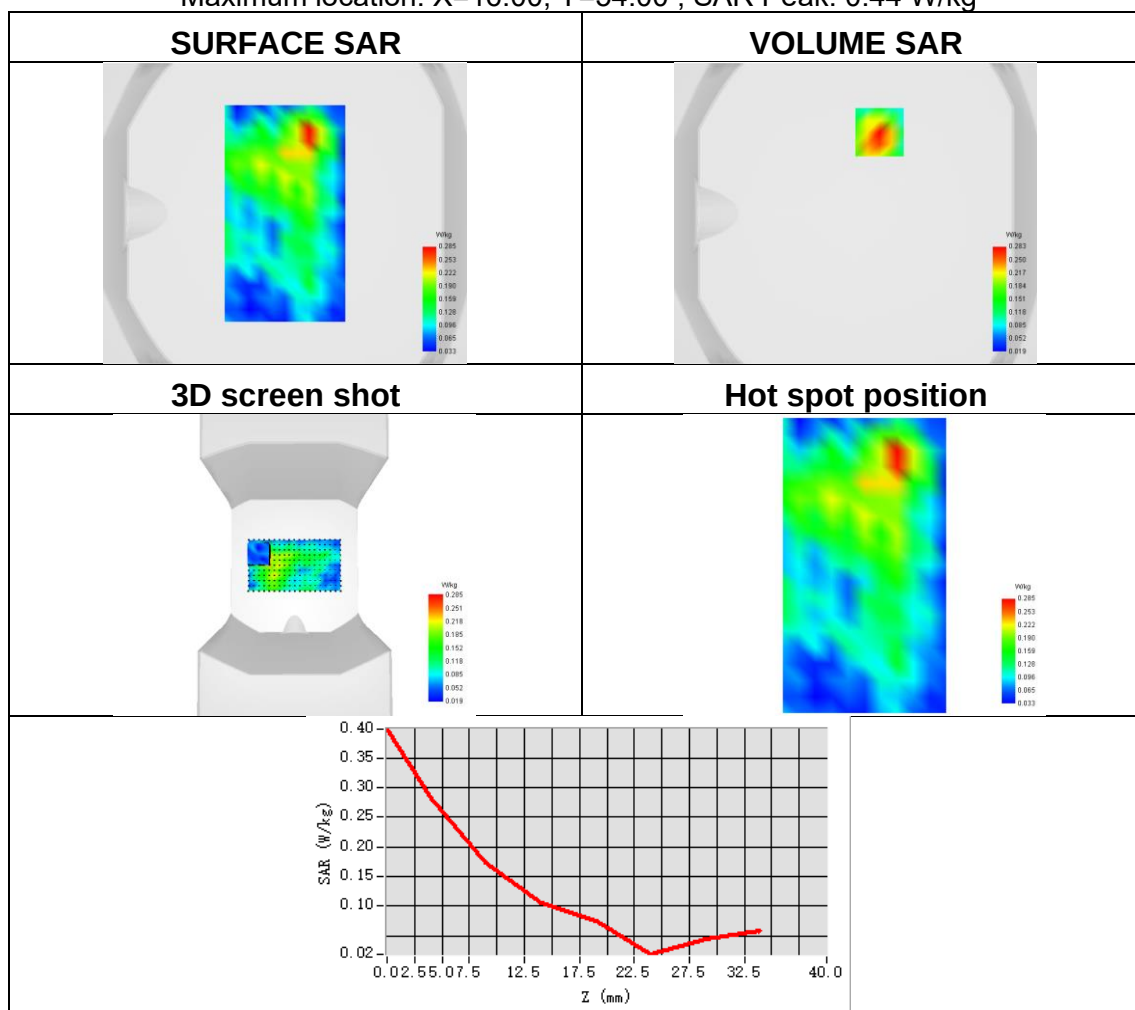




Plot 17:

Test Date	2026-08-13
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 40
Signal	LTE FDD
Frequency	2360
SAR 10g (W/Kg)	0.145
SAR 1g (W/Kg)	0.269
ConvF	0.97
Relative permittivity	39.39
Conductivity (S/m)	1.78

Maximum location: X=16.00, Y=54.00 ; SAR Peak: 0.44 W/kg

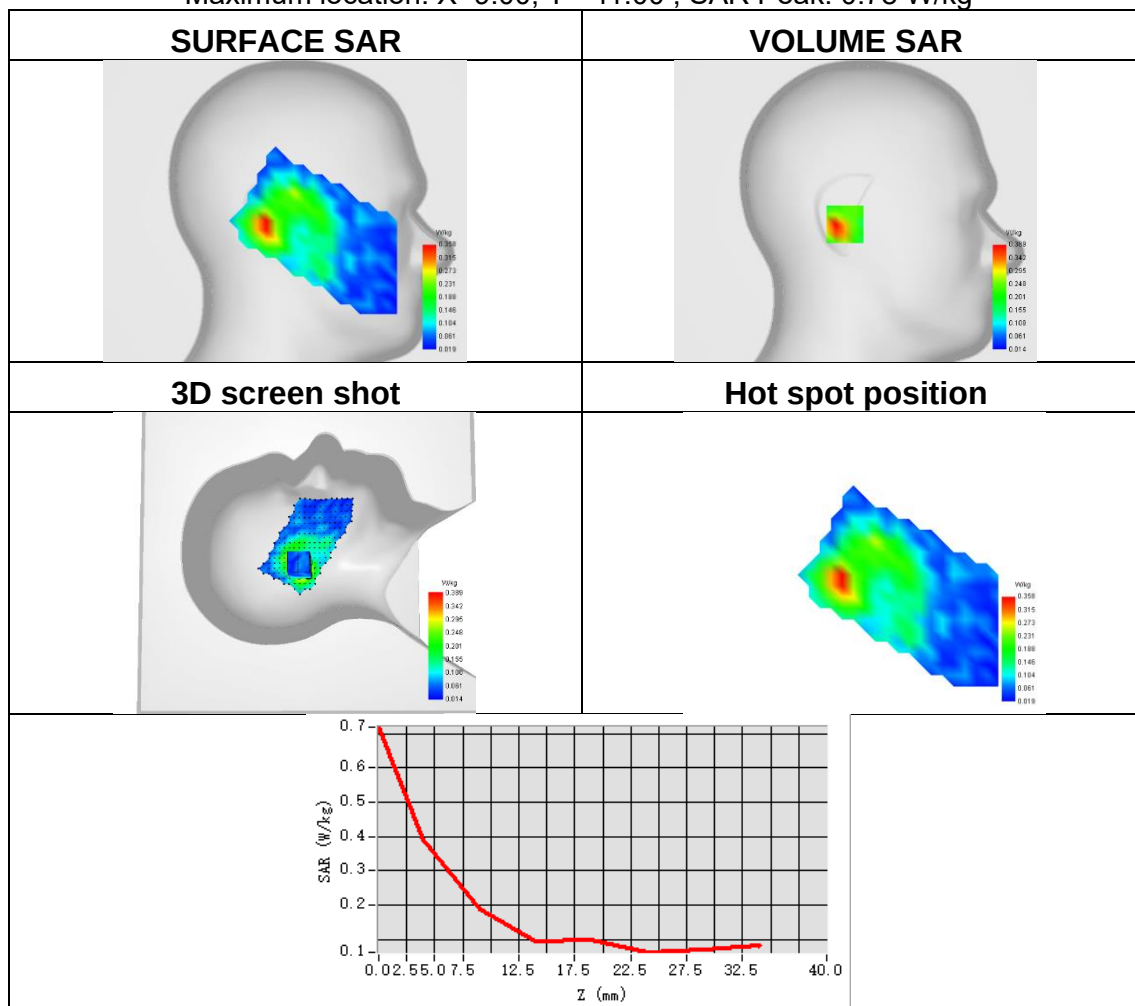




Plot 18:

Test Date	2026-08-11
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 41
Signal	LTE FDD
Frequency	2680
SAR 10g (W/Kg)	0.191
SAR 1g (W/Kg)	0.382
ConvF	0.98
Relative permittivity	39.64
Conductivity (S/m)	1.92

Maximum location: X=9.00, Y=-11.00 ; SAR Peak: 0.78 W/kg

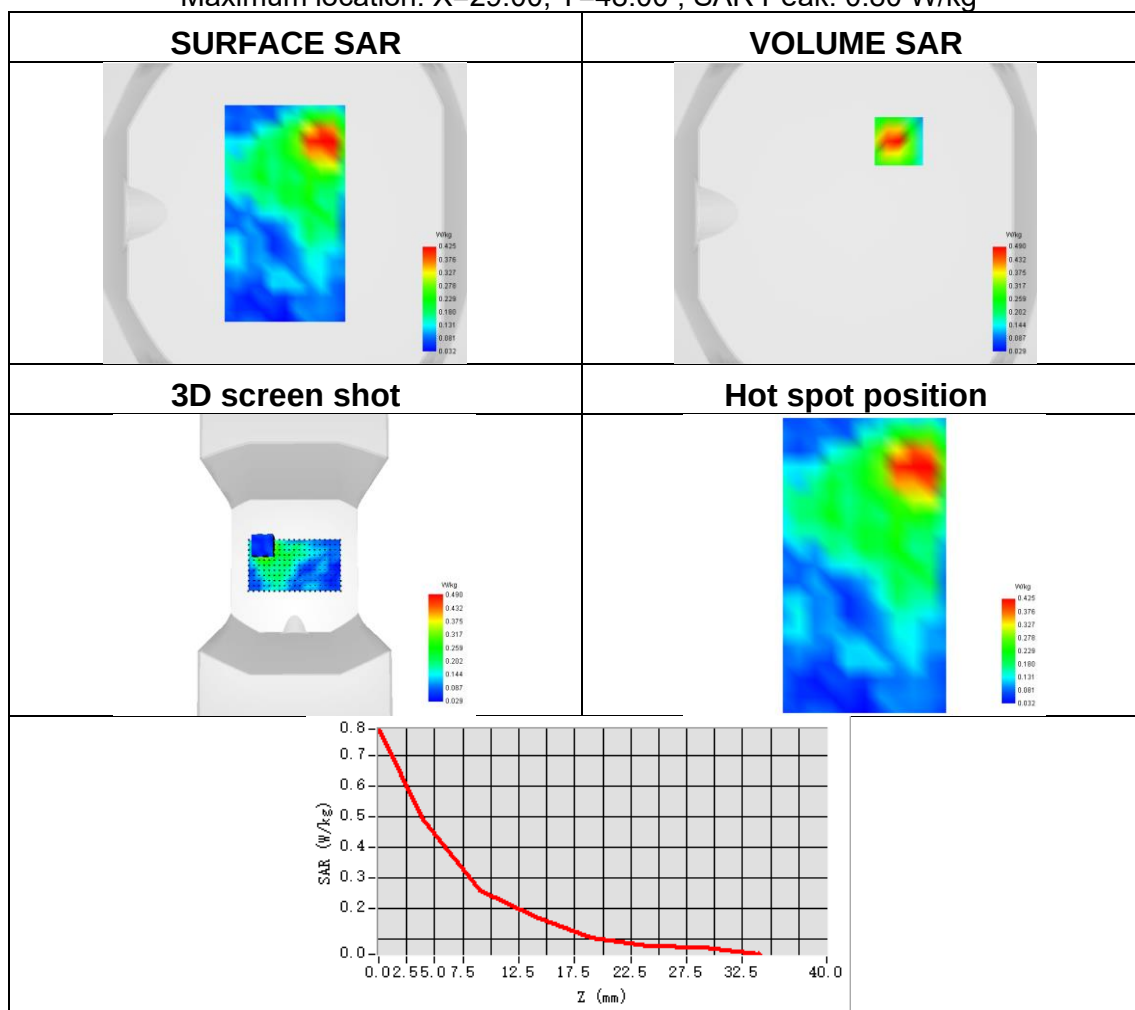




Plot 19:

Test Date	2026-08-11
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 41
Signal	LTE FDD
Frequency	2680
SAR 10g (W/Kg)	0.247
SAR 1g (W/Kg)	0.463
ConvF	0.98
Relative permittivity	39.64
Conductivity (S/m)	1.92

Maximum location: X=29.00, Y=48.00 ; SAR Peak: 0.80 W/kg

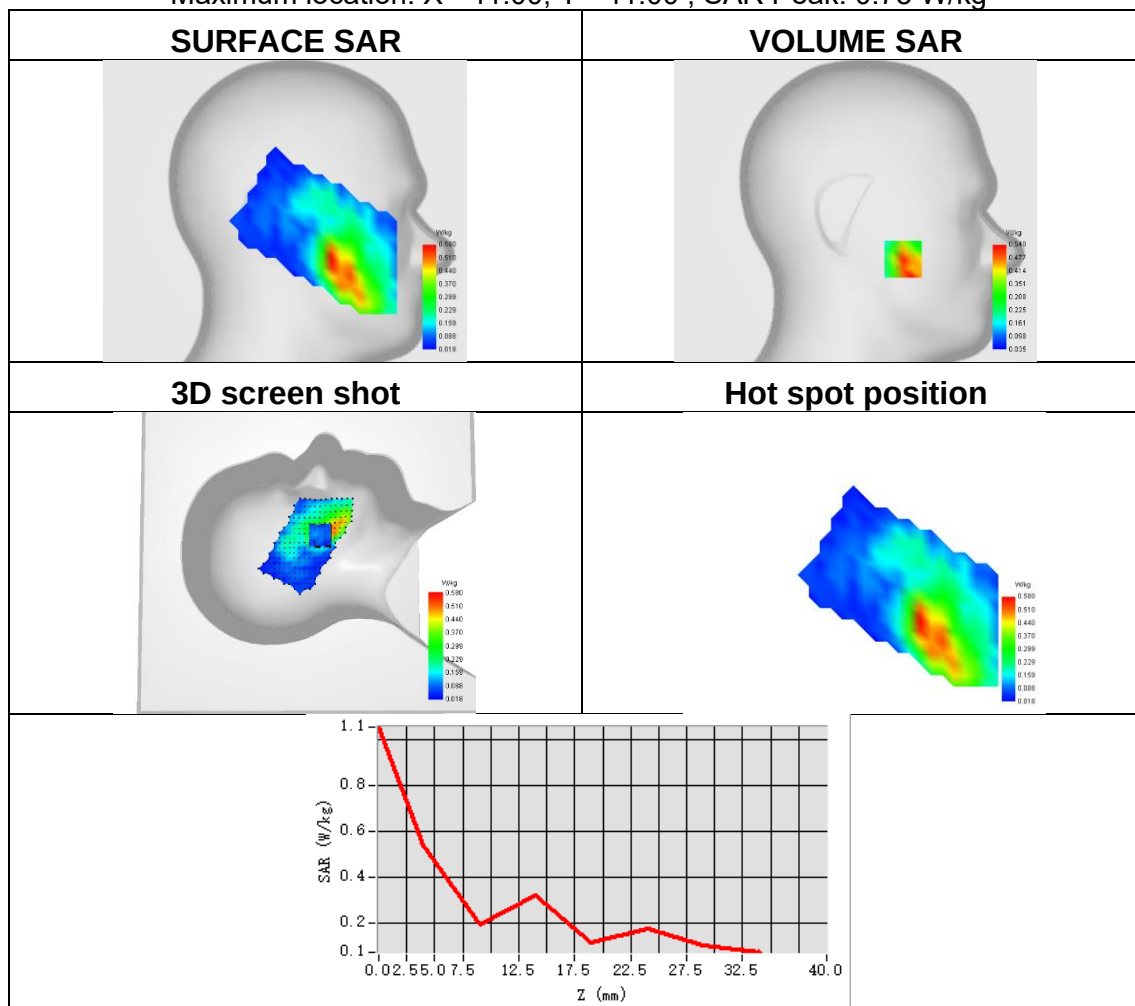




Plot 37:

Test Date	2026-08-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 66
Signal	LTE FDD
Frequency	1745
SAR 10g (W/Kg)	0.320
SAR 1g (W/Kg)	0.478
ConvF	1.95
Relative permittivity	41.13
Conductivity (S/m)	1.37

Maximum location: X=-41.00, Y=-41.00 ; SAR Peak: 0.75 W/kg

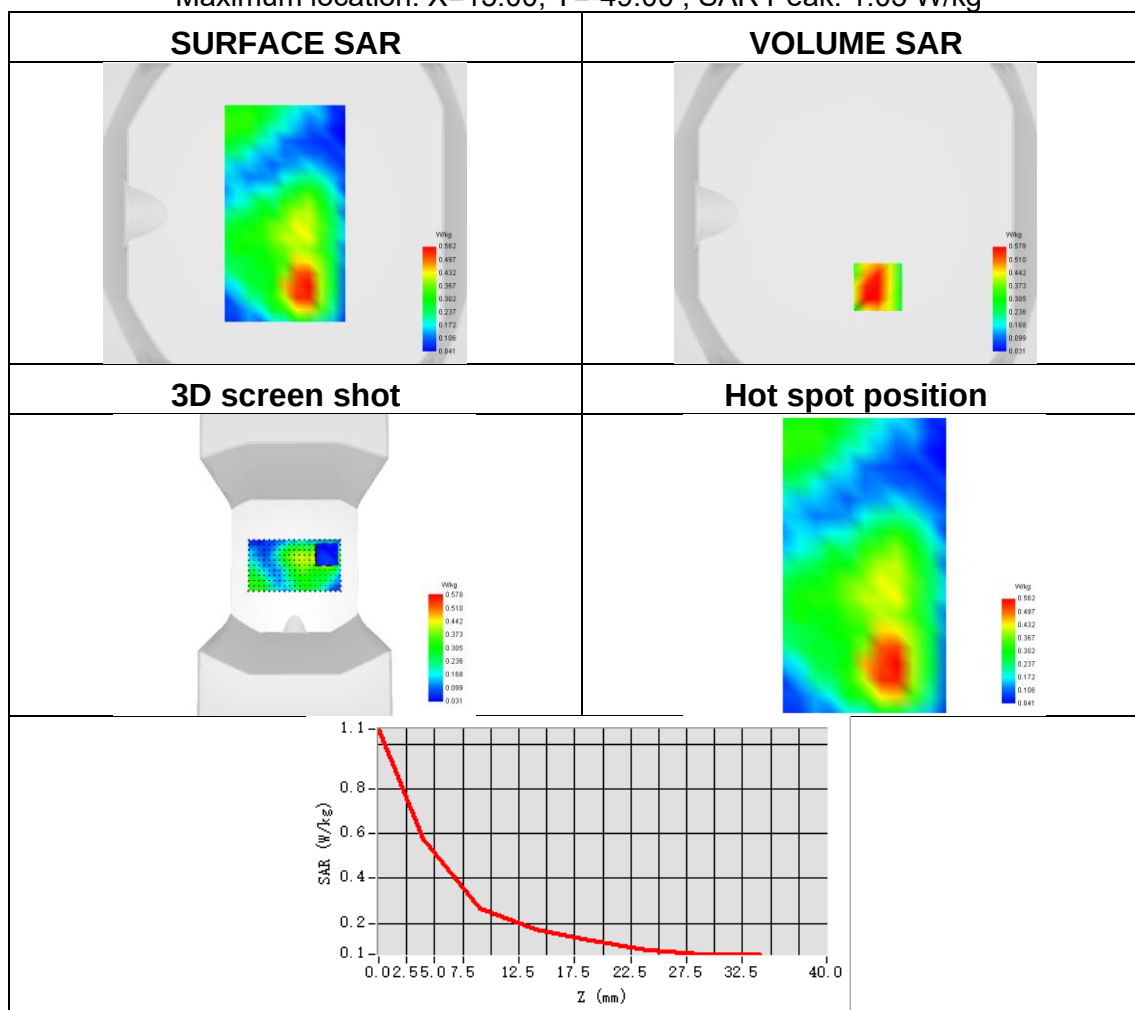




Plot 38:

Test Date	2026-08-14
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 66
Signal	LTE FDD
Frequency	1745
SAR 10g (W/Kg)	0.310
SAR 1g (W/Kg)	0.582
ConvF	1.95
Relative permittivity	41.13
Conductivity (S/m)	1.37

Maximum location: X=15.00, Y=-49.00 ; SAR Peak: 1.03 W/kg





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※