

11. EUT and Test Setup Photo

11.1 EUT Photos

Front side



Back side





Right Edge



Left Edge



Top Edge



Bottom Edge

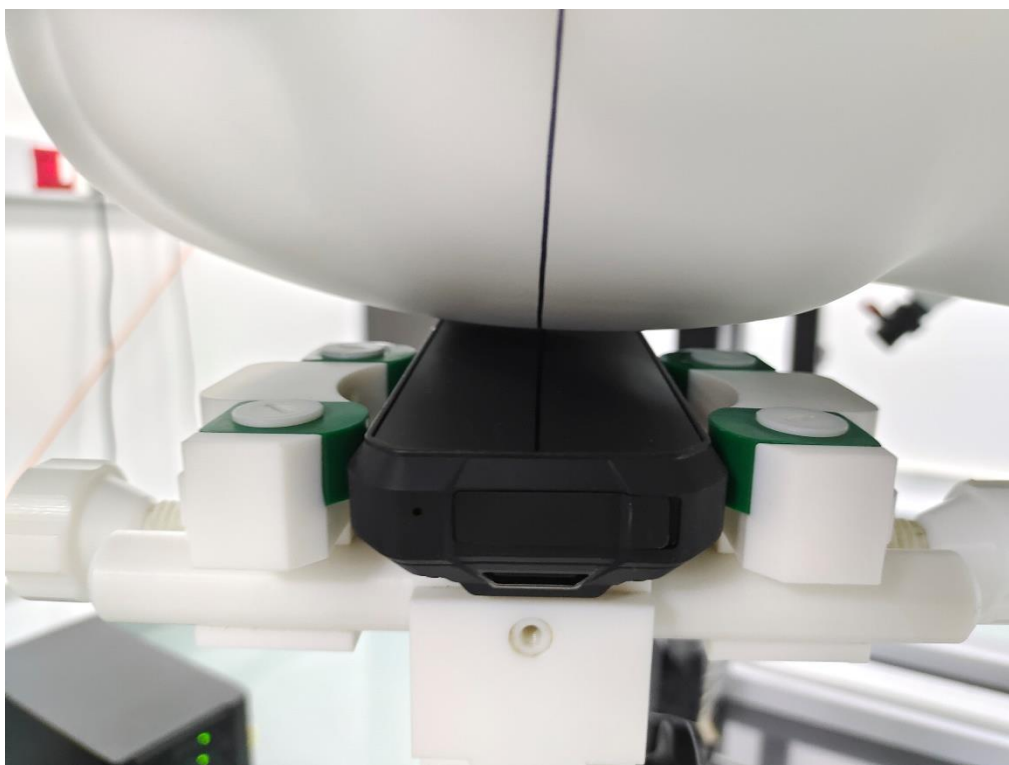


11.2 Setup Photos

Right Touch



Right Tilt



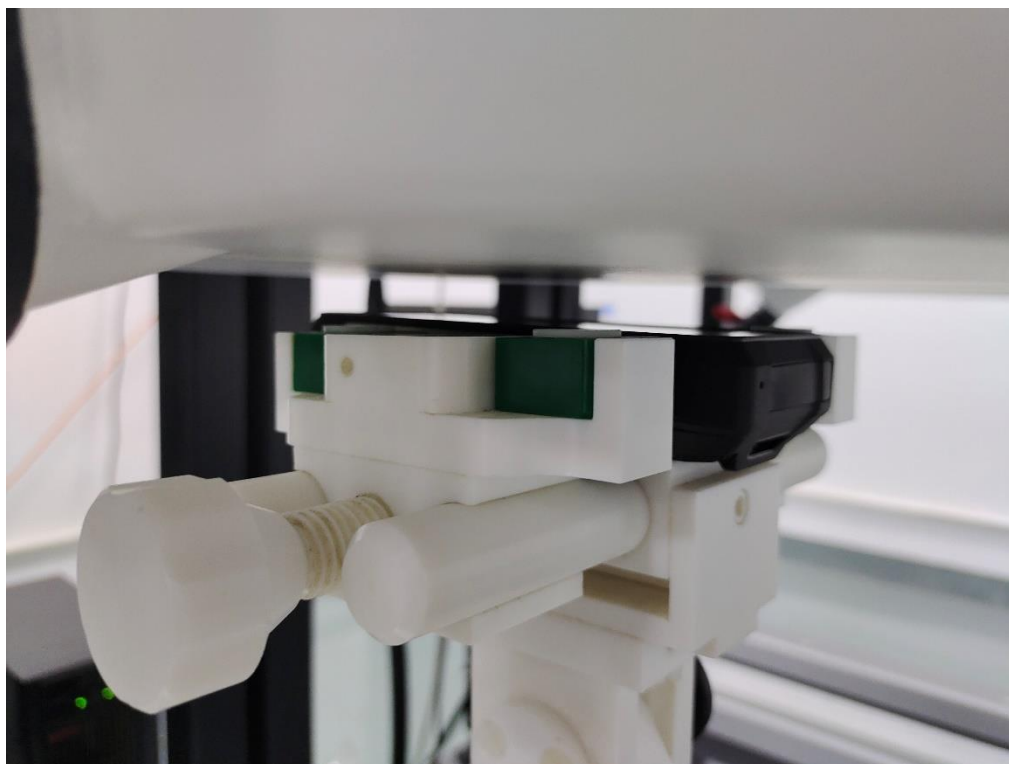
Left Touch



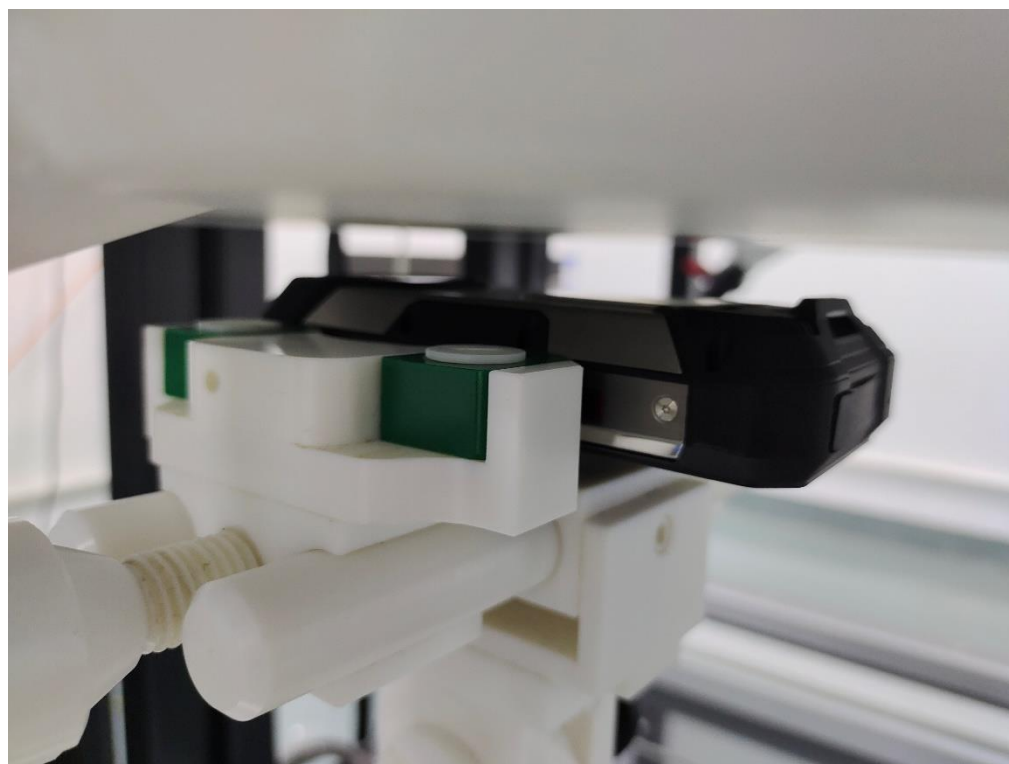
Left Tilt



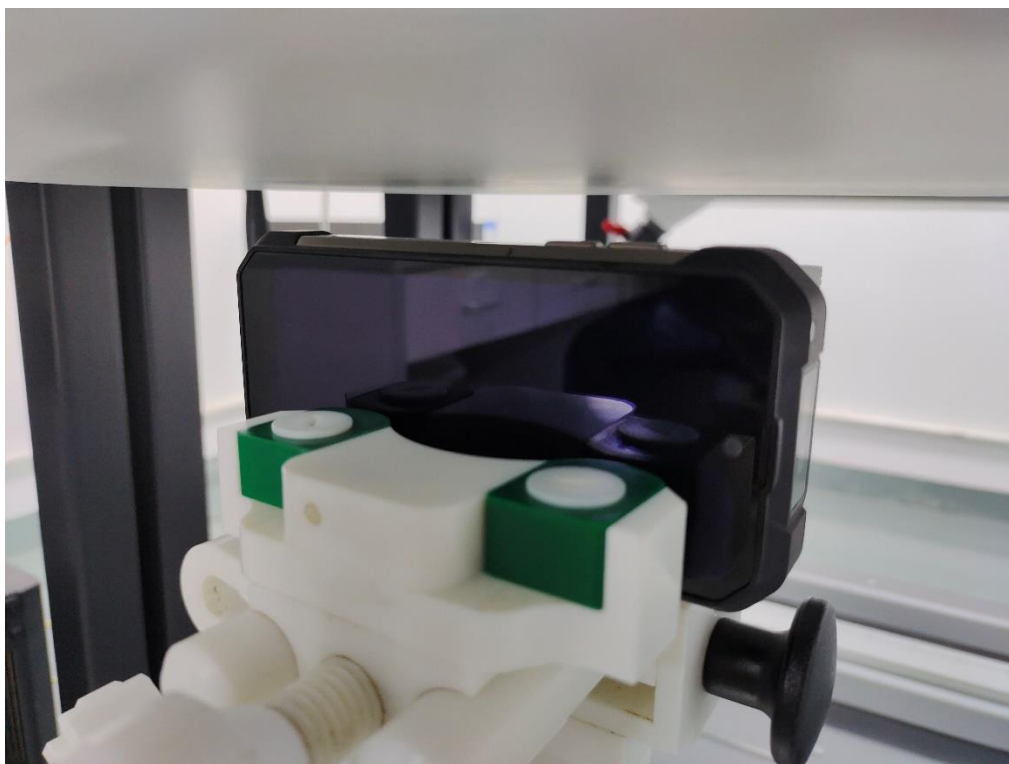
Body Front side (separation distance is 10mm)



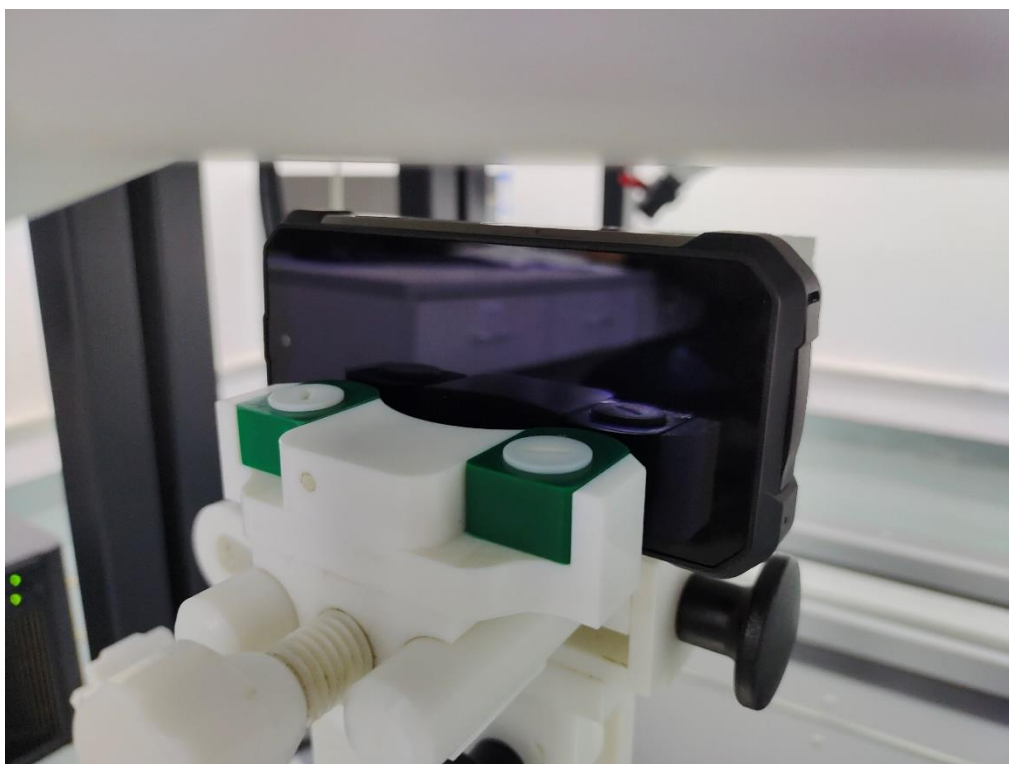
Body Back side (separation distance 10mm)



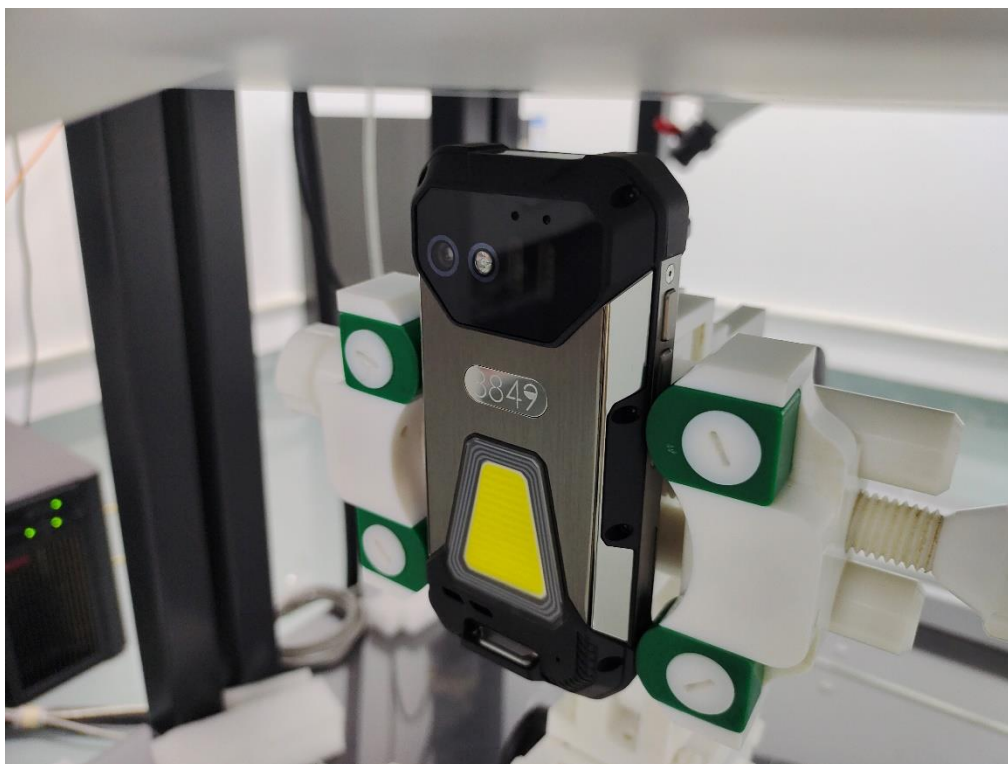
Body Left side (separation distance is 10mm)



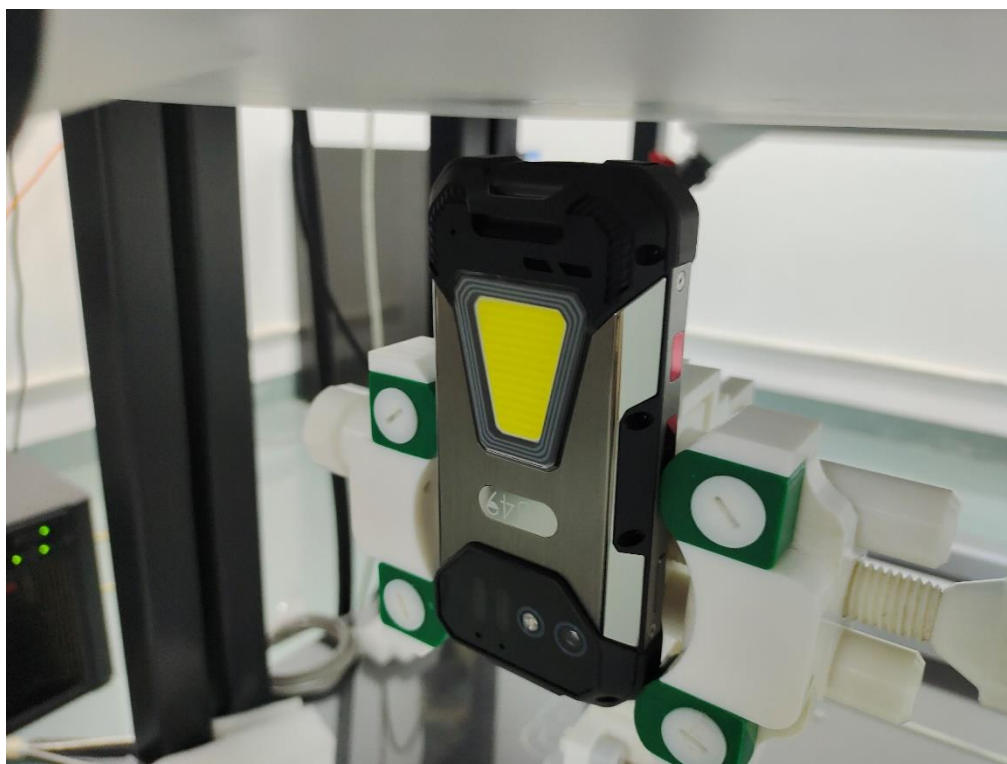
Body Right side (separation distance is 10mm)



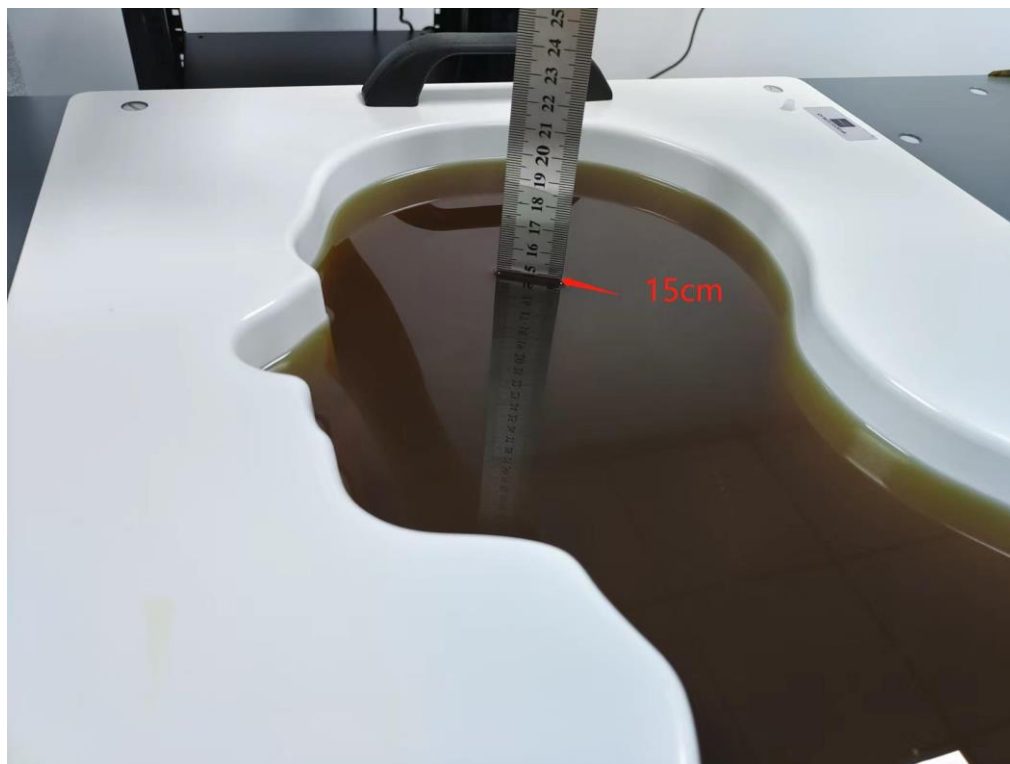
Body Top side (separation distance is 10mm)



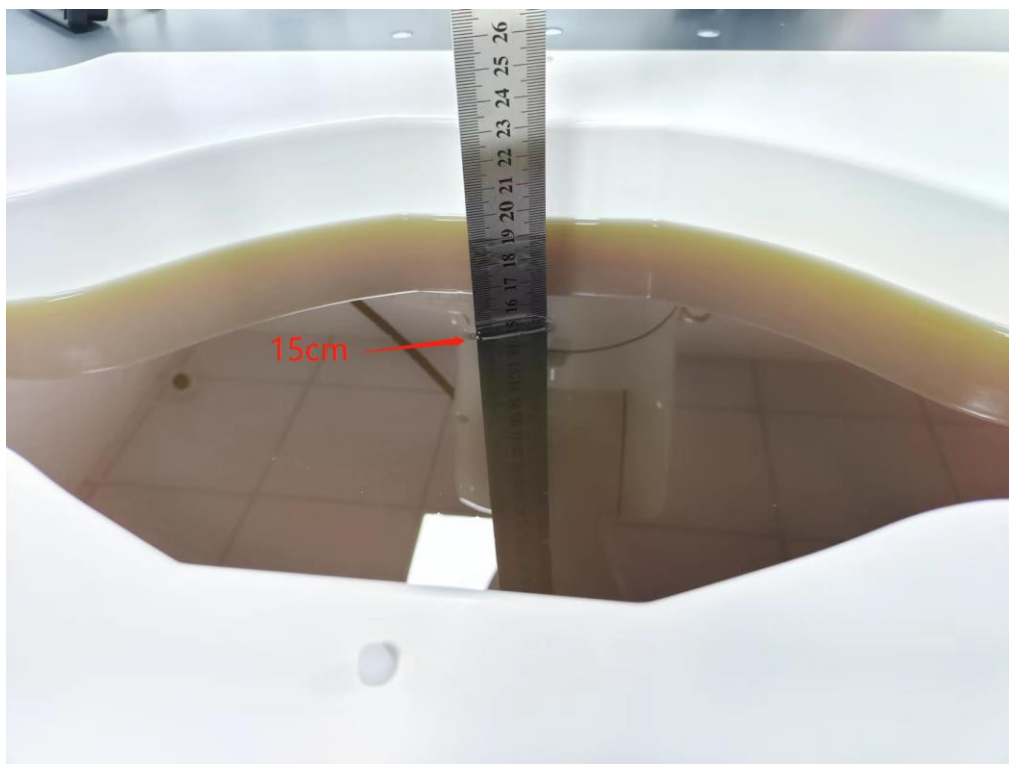
Body Bottom side (separation distance is 10mm)



Liquid depth (15 cm)



Liquid depth (15 cm)





12. SAR Result Summary

12.1 Head SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn- up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
GSM850	GSM	Right Cheek	824.2	0.084	-0.20	34.00	33.59	0.092	/
		Right Tilt	824.2	0.066	1.58	34.00	33.59	0.073	/
		Left Cheek	824.2	0.100	-0.57	34.00	33.59	0.110	1
		Left Tilt	824.2	0.079	2.48	34.00	33.59	0.087	/
PCS 1900	GSM	Right Cheek	1850.2	0.024	-1.12	31.00	30.44	0.027	/
		Right Tilt	1850.2	0.018	2.51	31.00	30.44	0.020	/
		Left Cheek	1850.2	0.029	3.99	31.00	30.44	0.033	3
		Left Tilt	1850.2	0.025	-1.78	31.00	30.44	0.028	/
WCDMA Band II	RMC	Right Cheek	1880	0.036	-1.80	23.50	23.34	0.037	/
		Right Tilt	1880	0.030	2.85	23.50	23.34	0.031	/
		Left Cheek	1880	0.043	0.20	23.50	23.34	0.045	5
		Left Tilt	1880	0.031	-1.20	23.50	23.34	0.032	/
WCDMA Band IV	RMC	Right Cheek	1752.4	0.113	3.72	23.50	23.09	0.124	/
		Right Tilt	1752.4	0.094	-1.40	23.50	23.09	0.103	/
		Left Cheek	1752.4	0.129	-2.94	23.50	23.09	0.142	7
		Left Tilt	1752.4	0.105	0.68	23.50	23.09	0.115	/
WCDMA Band V	RMC	Right Cheek	846.6	0.071	-2.62	24.00	23.72	0.076	/
		Right Tilt	846.6	0.059	3.12	24.00	23.72	0.063	/
		Left Cheek	846.6	0.080	-2.05	24.00	23.72	0.085	9
		Left Tilt	846.6	0.059	-0.06	24.00	23.72	0.063	/
CDMA	BC0	Right Cheek	824.7	0.043	1.21	23.00	22.70	0.046	/
		Right Tilt	824.7	0.035	2.99	23.00	22.70	0.038	/
		Left Cheek	824.7	0.045	0.43	23.00	22.70	0.048	11
		Left Tilt	824.7	0.037	-1.93	23.00	22.70	0.040	/
CDMA	BC1	Right Cheek	1851.25	0.039	1.80	21.50	21.12	0.043	/
		Right Tilt	1851.25	0.032	-3.59	21.50	21.12	0.035	/
		Left Cheek	1851.25	0.043	3.22	21.50	21.12	0.047	13
		Left Tilt	1851.25	0.035	3.33	21.50	21.12	0.038	/
2.4G WLAN	802.11b	Right Cheek	2437	0.195	3.64	17.00	16.62	0.213	/
		Right Tilt	2437	0.238	-1.94	17.00	16.62	0.260	/
		Left Cheek	2437	0.222	1.22	17.00	16.62	0.242	/
		Left Tilt	2437	0.275	-3.26	17.00	16.62	0.300	15
BT	GFSK	Right Cheek	2441	0.085	-2.46	5.50	5.11	0.093	/
		Right Tilt	2441	0.102	-1.60	5.50	5.11	0.112	/
		Left Cheek	2441	0.124	-1.09	5.50	5.11	0.136	/
		Left Tilt	2441	0.144	1.50	5.50	5.11	0.158	17



5.2G WLAN	802.11a	Right Cheek	5200	0.284	-2.21	12.00	11.95	0.287	/
		Right Tilt	5200	0.355	-3.44	12.00	11.95	0.359	/
		Left Cheek	5200	0.315	-2.74	12.00	11.95	0.319	/
		Left Tilt	5200	0.390	-0.54	12.00	11.95	0.395	19
5.3G WLAN	802.11a	Right Cheek	5260	0.370	0.21	12.00	11.81	0.387	/
		Right Tilt	5260	0.461	2.71	12.00	11.81	0.482	/
		Left Cheek	5260	0.415	0.30	12.00	11.81	0.434	/
		Left Tilt	5260	0.518	3.99	12.00	11.81	0.541	21
		Left Tilt	5300	0.467	3.88	12.00	11.75	0.495	/
		Left Tilt	5320	0.431	3.30	12.00	11.64	0.468	/
5.6G WLAN	802.11a	Right Cheek	5700	0.277	-0.25	13.00	12.57	0.306	/
		Right Tilt	5700	0.335	3.32	13.00	12.57	0.370	/
		Left Cheek	5700	0.316	2.90	13.00	12.57	0.349	/
		Left Tilt	5700	0.390	-1.31	13.00	12.57	0.431	23
5.8G WLAN	802.11a	Right Cheek	5745	0.217	1.78	13.00	12.66	0.235	/
		Right Tilt	5745	0.268	-0.82	13.00	12.66	0.290	/
		Left Cheek	5745	0.262	-3.47	13.00	12.66	0.283	/
		Left Tilt	5745	0.319	-2.32	13.00	12.66	0.345	25



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	99	Right Cheek	1800	0.047	-3.48	23.00	22.77	0.050	/
			50	0	Right Cheek	1860	0.041	0.20	22.50	22.15	0.044	/
			1	99	Right Tilt	1800	0.039	1.83	23.00	22.77	0.041	/
			50	0	Right Tilt	1860	0.033	0.84	22.50	22.15	0.036	/
			1	99	Left Cheek	1800	0.066	3.54	23.00	22.77	0.070	27
			50	0	Left Cheek	1860	0.056	0.68	22.50	22.15	0.061	/
			1	99	Left Tilt	1800	0.053	-2.84	23.00	22.77	0.056	/
			50	0	Left Tilt	1860	0.041	-3.31	22.50	22.15	0.044	/
LTE Band 4	20M	QPSK	1	99	Right Cheek	1745	0.190	1.65	24.00	23.52	0.212	/
			50	49	Right Cheek	1745	0.143	-0.80	23.00	22.82	0.149	/
			1	99	Right Tilt	1745	0.135	1.88	24.00	23.52	0.151	/
			50	49	Right Tilt	1745	0.102	2.75	23.00	22.82	0.106	/
			1	99	Left Cheek	1745	0.207	3.29	24.00	23.52	0.231	29
			50	49	Left Cheek	1745	0.161	1.42	23.00	22.82	0.168	/
			1	99	Left Tilt	1745	0.145	1.65	24.00	23.52	0.162	/
			50	49	Left Tilt	1745	0.116	1.50	23.00	22.82	0.121	/
LTE Band 5	10M	QPSK	1	24	Right Cheek	844	0.067	3.84	24.00	23.83	0.070	31
			25	12	Right Cheek	844	0.054	1.96	23.50	23.25	0.057	/
			1	24	Right Tilt	844	0.047	3.62	24.00	23.83	0.049	/
			25	12	Right Tilt	844	0.042	1.43	23.50	23.25	0.044	/
			1	24	Left Cheek	844	0.055	3.25	24.00	23.83	0.057	/
			25	12	Left Cheek	844	0.041	0.36	23.50	23.25	0.043	/
			1	24	Left Tilt	844	0.046	1.54	24.00	23.83	0.048	/
			25	12	Left Tilt	844	0.042	0.82	23.50	23.25	0.044	/
LTE Band 7	20M	QPSK	1	99	Right Cheek	2510	0.093	1.28	25.50	24.65	0.113	/
			50	24	Right Cheek	2535	0.071	-1.08	24.00	23.58	0.078	/
			1	99	Right Tilt	2510	0.088	0.43	25.50	24.65	0.107	/
			50	24	Right Tilt	2535	0.068	3.20	24.00	23.58	0.075	/
			1	99	Left Cheek	2510	0.127	-2.57	25.50	24.65	0.154	33
			50	24	Left Cheek	2535	0.099	3.75	24.00	23.58	0.109	/
			1	99	Left Tilt	2510	0.093	-3.61	25.50	24.65	0.113	/
			50	24	Left Tilt	2535	0.076	0.26	24.00	23.58	0.084	/
LTE Band 12	10M	QPSK	1	49	Right Cheek	707.5	0.122	0.68	24.00	23.56	0.135	35
			25	24	Right Cheek	707.5	0.096	0.21	23.00	22.83	0.100	/
			1	49	Right Tilt	707.5	0.088	2.79	24.00	23.56	0.097	/
			25	24	Right Tilt	707.5	0.062	-3.63	23.00	22.83	0.064	/
			1	49	Left Cheek	707.5	0.094	3.86	24.00	23.56	0.104	/
			25	24	Left Cheek	707.5	0.076	3.00	23.00	22.83	0.079	/
			1	49	Left Tilt	707.5	0.081	3.60	24.00	23.56	0.090	/
			25	24	Left Tilt	707.5	0.064	-3.63	23.00	22.83	0.067	/



LTE Band 13	10M	QPSK	1	0	Right Cheek	782	0.099	-0.70	24.00	23.58	0.109	37
			25	0	Right Cheek	782	0.077	-1.41	23.00	22.84	0.080	/
			1	0	Right Tilt	782	0.084	3.28	24.00	23.58	0.093	/
			25	0	Right Tilt	782	0.065	0.39	23.00	22.84	0.067	/
			1	0	Left Cheek	782	0.083	-2.09	24.00	23.58	0.091	/
			25	0	Left Cheek	782	0.070	-0.28	23.00	22.84	0.073	/
			1	0	Left Tilt	782	0.059	0.89	24.00	23.58	0.065	/
			25	0	Left Tilt	782	0.052	-1.83	23.00	22.84	0.054	/
LTE Band 17	10M	QPSK	1	49	Right Cheek	711	0.096	0.51	24.00	23.49	0.108	39
			25	24	Right Cheek	709	0.080	-2.02	23.00	22.87	0.082	/
			1	49	Right Tilt	711	0.071	-0.52	24.00	23.49	0.080	/
			25	24	Right Tilt	709	0.057	0.41	23.00	22.87	0.059	/
			1	49	Left Cheek	711	0.085	3.97	24.00	23.49	0.096	/
			25	24	Left Cheek	709	0.072	0.98	23.00	22.87	0.074	/
			1	49	Left Tilt	711	0.075	3.53	24.00	23.49	0.084	/
			25	24	Left Tilt	709	0.062	-3.58	23.00	22.87	0.064	/
LTE Band 25	20M	QPSK	1	99	Right Cheek	1882.5	0.046	2.02	25.50	25.33	0.048	/
			50	49	Right Cheek	1882.5	0.038	2.13	23.00	22.77	0.040	/
			1	99	Right Tilt	1882.5	0.040	-0.37	25.50	25.33	0.042	/
			50	49	Right Tilt	1882.5	0.031	0.22	23.00	22.77	0.033	/
			1	99	Left Cheek	1882.5	0.055	1.73	25.50	25.33	0.057	41
			50	49	Left Cheek	1882.5	0.048	-2.54	23.00	22.77	0.051	/
			1	99	Left Tilt	1882.5	0.046	-2.14	25.50	25.33	0.048	/
			50	49	Left Tilt	1882.5	0.034	-3.95	23.00	22.77	0.036	/
LTE Band 26	15M	QPSK	1	74	Right Cheek	836.5	0.084	1.72	24.00	23.89	0.086	/
			36	39	Right Cheek	841.5	0.076	-1.75	23.50	23.17	0.082	/
			1	74	Right Tilt	836.5	0.079	0.98	24.00	23.89	0.081	/
			36	39	Right Tilt	841.5	0.066	1.96	23.50	23.17	0.071	/
			1	74	Left Cheek	836.5	0.097	-3.30	24.00	23.89	0.099	43
			36	39	Left Cheek	841.5	0.081	-2.22	23.50	23.17	0.087	/
			1	74	Left Tilt	836.5	0.072	2.87	24.00	23.89	0.074	/
			36	39	Left Tilt	841.5	0.061	3.24	23.50	23.17	0.066	/
LTE Band 38	20M	QPSK	1	99	Right Cheek	2595	0.098	1.60	24.00	23.83	0.102	/
			50	49	Right Cheek	2595	0.082	-2.02	23.50	23.19	0.088	/
			1	99	Right Tilt	2595	0.085	0.71	24.00	23.83	0.088	/
			50	49	Right Tilt	2595	0.071	0.47	23.50	23.19	0.076	/
			1	99	Left Cheek	2595	0.114	-2.16	24.00	23.83	0.119	45
			50	49	Left Cheek	2595	0.090	-3.39	23.50	23.19	0.097	/
			1	99	Left Tilt	2595	0.088	1.47	24.00	23.83	0.092	/
			50	49	Left Tilt	2595	0.072	-1.41	23.50	23.19	0.077	/
LTE Band 40	10M	QPSK	1	49	Right Cheek	2310	0.083	1.32	19.00	18.56	0.092	/
			50	24	Right Cheek	2310	0.070	-2.24	18.00	17.85	0.072	/
			1	49	Right Tilt	2310	0.068	-2.56	19.00	18.56	0.075	/
			50	24	Right Tilt	2310	0.060	-2.13	18.00	17.85	0.062	/
			1	49	Left Cheek	2310	0.095	1.60	19.00	18.56	0.105	47
			50	24	Left Cheek	2310	0.077	-1.87	18.00	17.85	0.080	/
			1	49	Left Tilt	2310	0.072	-0.76	19.00	18.56	0.080	/
			50	24	Left Tilt	2310	0.058	-1.02	18.00	17.85	0.060	/



LTE Band 41	20M	QPSK	1	99	Right Cheek	2605	0.103	1.52	23.50	23.32	0.107	/
			50	24	Right Cheek	2605	0.089	-2.51	23.00	22.74	0.094	/
			1	99	Right Tilt	2605	0.088	-1.82	23.50	23.32	0.092	/
			50	24	Right Tilt	2605	0.073	3.12	23.00	22.74	0.078	/
			1	99	Left Cheek	2605	0.124	-0.07	23.50	23.32	0.129	49
			50	24	Left Cheek	2605	0.103	-1.39	23.00	22.74	0.109	/
			1	99	Left Tilt	2605	0.098	-0.91	23.50	23.32	0.102	/
			50	24	Left Tilt	2605	0.075	-3.27	23.00	22.74	0.080	/
LTE Band 66	20M	QPSK	1	99	Right Cheek	1745	0.196	-1.73	24.00	23.49	0.220	/
			50	49	Right Cheek	1745	0.154	3.77	23.00	22.77	0.162	/
			1	99	Right Tilt	1745	0.140	3.23	24.00	23.49	0.157	/
			50	49	Right Tilt	1745	0.111	3.36	23.00	22.77	0.117	/
			1	99	Left Cheek	1745	0.219	-2.69	24.00	23.49	0.246	51
			50	49	Left Cheek	1745	0.174	-2.00	23.00	22.77	0.183	/
			1	99	Left Tilt	1745	0.158	1.60	24.00	23.49	0.178	/
			50	49	Left Tilt	1745	0.127	1.70	23.00	22.77	0.134	/

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)	Scaled SAR (W/Kg)	Meas. No.
GSM850	GPRS (GMSK, 4-Slot)	Front Side	824.2	0.120	-1.58	30.00	29.93	0.122	/
		Back Side	824.2	0.230	0.47	30.00	29.93	0.234	2
		Left Side	824.2	0.168	2.37	30.00	29.93	0.171	/
		Right Side	824.2	0.099	-3.09	30.00	29.93	0.101	/
		Top Side	824.2	0.041	-1.94	30.00	29.93	0.042	/
		Bottom Side	824.2	0.087	-1.25	30.00	29.93	0.088	/
PCS 1900	GPRS (GMSK, 2-Slot)	Front Side	1850.2	0.042	-2.05	30.00	29.53	0.047	/
		Back Side	1850.2	0.063	-0.02	30.00	29.53	0.070	4
		Left Side	1850.2	0.026	2.40	30.00	29.53	0.029	/
		Right Side	1850.2	0.019	3.35	30.00	29.53	0.021	/
		Top Side	1850.2	0.008	-0.69	30.00	29.53	0.009	/
		Bottom Side	1850.2	0.052	0.80	30.00	29.53	0.058	/
WCDMA Band II	RMC	Front Side	1880	0.032	-1.27	23.50	23.34	0.033	/
		Back Side	1880	0.043	0.11	23.50	23.34	0.045	6
		Left Side	1880	0.021	2.72	23.50	23.34	0.022	/
		Right Side	1880	0.017	-1.67	23.50	23.34	0.018	/
		Bottom Side	1880	0.043	0.96	23.50	23.34	0.045	/
WCDMA Band IV	RMC	Front Side	1752.4	0.127	2.86	23.50	23.09	0.140	/
		Back Side	1752.4	0.214	2.01	23.50	23.09	0.235	8
		Left Side	1752.4	0.066	-0.90	23.50	23.09	0.073	/
		Right Side	1752.4	0.066	1.76	23.50	23.09	0.073	/
		Bottom Side	1752.4	0.179	-0.92	23.50	23.09	0.197	/
WCDMA Band V	RMC	Front Side	846.6	0.050	3.26	24.00	23.72	0.053	/
		Back Side	846.6	0.097	0.04	24.00	23.72	0.103	10
		Left Side	846.6	0.074	1.22	24.00	23.72	0.079	/
		Right Side	846.6	0.048	3.45	24.00	23.72	0.051	/
		Bottom Side	846.6	0.035	3.61	24.00	23.72	0.037	/
CDMA	BC0	Front Side	824.7	0.020	-1.68	23.00	22.70	0.021	/
		Back Side	824.7	0.037	3.85	23.00	22.70	0.040	12
		Left Side	824.7	0.027	1.67	23.00	22.70	0.029	/
		Right Side	824.7	0.022	-2.12	23.00	22.70	0.024	/
		Bottom Side	824.7	0.018	-3.10	23.00	22.70	0.019	/
CDMA	BC1	Front Side	1851.25	0.042	1.35	21.50	21.12	0.046	/
		Back Side	1851.25	0.059	-3.37	21.50	21.12	0.064	14
		Left Side	1851.25	0.019	-1.78	21.50	21.12	0.021	/
		Right Side	1851.25	0.025	2.72	21.50	21.12	0.027	/
		Bottom Side	1851.25	0.047	0.25	21.50	21.12	0.051	/
2.4GHz WLAN	802.11b	Front Side	2437	0.076	3.18	17.00	16.62	0.083	/
		Back Side	2437	0.121	-3.40	17.00	16.62	0.132	/
		Right Side	2437	0.098	-3.70	17.00	16.62	0.107	/
		Top Side	2437	0.137	-1.38	17.00	16.62	0.150	16
BT	GFSK	Front Side	2441	0.058	0.64	5.50	5.11	0.063	/
		Back Side	2441	0.094	-0.64	5.50	5.11	0.103	/
		Right Side	2441	0.080	-3.78	5.50	5.11	0.088	/
		Top Side	2441	0.109	0.40	5.50	5.11	0.119	18



5.2GHz WLAN	802.11a	Front Side	5200	0.133	3.80	12.00	11.95	0.135	/
		Back Side	5200	0.239	2.73	12.00	11.95	0.242	/
		Right Side	5200	0.196	3.25	12.00	11.95	0.198	/
		Top Side	5200	0.259	1.85	12.00	11.95	0.262	20
5.3GHz WLAN	802.11a	Front Side	5260	0.087	-0.32	12.00	11.81	0.091	/
		Back Side	5260	0.155	1.71	12.00	11.81	0.162	/
		Right Side	5260	0.128	-0.84	12.00	11.81	0.134	/
		Top Side	5260	0.169	-0.36	12.00	11.81	0.177	22
5.6GHz WLAN	802.11a	Front Side	5700	0.068	3.75	13.00	12.57	0.075	/
		Back Side	5700	0.115	3.94	13.00	12.57	0.127	/
		Right Side	5700	0.092	1.07	13.00	12.57	0.102	/
		Top Side	5700	0.129	-1.35	13.00	12.57	0.142	24
5.8GHz WLAN	802.11a	Front Side	5745	0.119	0.51	13.00	12.66	0.129	/
		Back Side	5745	0.202	-3.46	13.00	12.66	0.218	/
		Right Side	5745	0.173	0.37	13.00	12.66	0.187	/
		Top Side	5745	0.234	-0.95	13.00	12.66	0.253	26



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	99	Front side	1800	0.029	1.22	23.00	22.77	0.031	/
			50	0	Front side	1860	0.027	2.94	22.50	22.15	0.029	/
			1	99	Back Side	1800	0.050	-1.61	23.00	22.77	0.053	28
			50	0	Back Side	1860	0.046	-2.76	22.50	22.15	0.050	/
			1	99	Left Side	1800	0.023	-0.96	23.00	22.77	0.024	/
			50	0	Left Side	1860	0.019	2.44	22.50	22.15	0.021	/
			1	99	Right Side	1800	0.023	-1.18	23.00	22.77	0.024	/
			50	0	Right Side	1860	0.025	3.04	22.50	22.15	0.027	/
			1	99	Bottom Side	1800	0.048	-1.88	23.00	22.77	0.051	/
			50	0	Bottom Side	1860	0.036	-1.35	22.50	22.15	0.039	/
LTE Band 4	20M	QPSK	1	99	Front side	1745	0.194	-1.89	24.00	23.52	0.217	/
			50	49	Front side	1745	0.154	3.40	23.00	22.82	0.161	/
			1	99	Back Side	1745	0.339	-1.64	24.00	23.52	0.379	30
			50	49	Back Side	1745	0.264	-0.24	23.00	22.82	0.275	/
			1	99	Left Side	1745	0.108	-3.25	24.00	23.52	0.121	/
			50	49	Left Side	1745	0.084	2.36	23.00	22.82	0.088	/
			1	99	Right Side	1745	0.096	3.05	24.00	23.52	0.107	/
			50	49	Right Side	1745	0.076	3.49	23.00	22.82	0.079	/
			1	99	Bottom Side	1745	0.273	2.62	24.00	23.52	0.305	/
			50	49	Bottom Side	1745	0.211	-3.97	23.00	22.82	0.220	/
LTE Band 5	10M	QPSK	1	24	Front side	844	0.061	-3.68	24.00	23.83	0.063	/
			25	12	Front side	844	0.053	-2.93	23.50	23.25	0.056	/
			1	24	Back Side	844	0.123	3.46	24.00	23.83	0.128	32
			25	12	Back Side	844	0.100	2.12	23.50	23.25	0.106	/
			1	24	Left Side	844	0.080	-0.10	24.00	23.83	0.083	/
			25	12	Left Side	844	0.068	0.45	23.50	23.25	0.072	/
			1	24	Right Side	844	0.083	2.54	24.00	23.83	0.086	/
			25	12	Right Side	844	0.066	3.83	23.50	23.25	0.070	/
			1	24	Bottom Side	844	0.055	0.49	24.00	23.83	0.057	/
			25	12	Bottom Side	844	0.042	-3.44	23.50	23.25	0.044	/



LTE Band 7	20M	QPSK	1	99	Front side	2510	0.382	-0.90	25.50	24.65	0.465	/
			50	24	Front side	2535	0.295	3.62	24.00	23.58	0.325	/
			1	99	Back Side	2510	0.675	0.07	25.50	24.65	0.821	34
			1	24	Back Side	2535	0.612	-0.14	25.50	24.35	0.798	/
			1	99	Back Side	2560	0.537	2.27	25.50	23.97	0.764	/
			50	24	Back Side	2535	0.514	3.18	24.00	23.58	0.566	/
			1	99	Left Side	2510	0.210	1.86	25.50	24.65	0.255	/
			50	24	Left Side	2535	0.161	-1.39	24.00	23.58	0.177	/
			1	99	Right Side	2510	0.190	-3.11	25.50	24.65	0.231	/
			50	24	Right Side	2535	0.146	-1.52	24.00	23.58	0.161	/
			1	99	Bottom Side	2510	0.545	2.39	25.50	24.65	0.663	/
			50	24	Bottom Side	2535	0.415	2.35	24.00	23.58	0.457	/
LTE Band 12	10M	QPSK	1	49	Front side	707.5	0.061	-0.21	24.00	23.56	0.068	/
			25	24	Front side	707.5	0.047	1.29	23.00	22.83	0.049	/
			1	49	Back Side	707.5	0.103	0.79	24.00	23.56	0.114	36
			25	24	Back Side	707.5	0.082	3.86	23.00	22.83	0.085	/
			1	49	Left Side	707.5	0.075	3.66	24.00	23.56	0.083	/
			25	24	Left Side	707.5	0.061	3.10	23.00	22.83	0.063	/
			1	49	Right Side	707.5	0.047	-0.03	24.00	23.56	0.052	/
			25	24	Right Side	707.5	0.037	1.17	23.00	22.83	0.038	/
			1	49	Bottom Side	707.5	0.042	-2.26	24.00	23.56	0.046	/
			25	24	Bottom Side	707.5	0.031	-3.61	23.00	22.83	0.032	/
LTE Band 13	10M	QPSK	1	0	Front side	782	0.067	-1.36	24.00	23.58	0.074	/
			25	0	Front side	782	0.049	-3.77	23.00	22.84	0.051	/
			1	0	Back Side	782	0.128	2.01	24.00	23.58	0.141	38
			25	0	Back Side	782	0.101	0.76	23.00	22.84	0.105	/
			1	0	Left Side	782	0.099	-0.33	24.00	23.58	0.109	/
			25	0	Left Side	782	0.078	1.07	23.00	22.84	0.081	/
			1	0	Right Side	782	0.061	3.74	24.00	23.58	0.067	/
			25	0	Right Side	782	0.052	-3.40	23.00	22.84	0.054	/
			1	0	Bottom Side	782	0.047	-0.54	24.00	23.58	0.052	/
			25	0	Bottom Side	782	0.034	-0.34	23.00	22.84	0.035	/



LTE Band 17	10M	QPSK	1	49	Front side	711	0.078	2.61	24.00	23.49	0.088	/
			25	24	Front side	709	0.062	0.76	23.00	22.87	0.064	/
			1	49	Back Side	711	0.119	-0.07	24.00	23.49	0.134	40
			25	24	Back Side	709	0.098	-0.07	23.00	22.87	0.101	/
			1	49	Left Side	711	0.092	3.60	24.00	23.49	0.103	/
			25	24	Left Side	709	0.077	3.98	23.00	22.87	0.079	/
			1	49	Right Side	711	0.049	3.31	24.00	23.49	0.055	/
			25	24	Right Side	709	0.038	-1.43	23.00	22.87	0.039	/
			1	49	Bottom Side	711	0.084	-0.03	24.00	23.49	0.094	/
			25	24	Bottom Side	709	0.065	-0.88	23.00	22.87	0.067	/
LTE Band 25	20M	QPSK	1	99	Front side	1882.5	0.050	-3.13	25.50	25.33	0.052	/
			50	49	Front side	1882.5	0.043	-1.46	23.00	22.77	0.045	/
			1	99	Back Side	1882.5	0.073	-3.00	25.50	25.33	0.076	42
			1	49	Back Side	1882.5	0.063	2.95	23.00	22.77	0.066	/
			1	99	Left Side	1882.5	0.028	1.09	25.50	25.33	0.029	/
			50	49	Left Side	1882.5	0.028	-1.70	23.00	22.77	0.030	/
			1	99	Right Side	1882.5	0.023	-2.35	25.50	25.33	0.024	/
			50	49	Right Side	1882.5	0.017	3.81	23.00	22.77	0.018	/
			1	99	Bottom Side	1882.5	0.062	-0.97	25.50	25.33	0.064	/
			50	49	Bottom Side	1882.5	0.050	-2.50	23.00	22.77	0.053	/
LTE Band 26	15M	QPSK	1	74	Front side	836.5	0.064	1.43	24.00	23.89	0.066	/
			36	39	Front side	841.5	0.055	-0.74	23.50	23.17	0.059	/
			1	74	Back Side	836.5	0.120	-2.46	24.00	23.89	0.123	44
			36	39	Back Side	841.5	0.098	-1.88	23.50	23.17	0.106	/
			1	74	Left Side	836.5	0.084	-2.87	24.00	23.89	0.086	/
			36	39	Left Side	841.5	0.067	-3.05	23.50	23.17	0.072	/
			1	74	Right Side	836.5	0.057	1.93	24.00	23.89	0.058	/
			36	39	Right Side	841.5	0.047	3.73	23.50	23.17	0.051	/
			1	74	Bottom Side	836.5	0.051	-2.55	24.00	23.89	0.052	/
			36	39	Bottom Side	841.5	0.045	-3.73	23.50	23.17	0.049	/



LTE Band 38	20M	QPSK	1	99	Front side	2595	0.156	2.19	24.00	23.83	0.162	/
			50	49	Front side	2595	0.118	1.14	23.50	23.19	0.127	/
			1	99	Back Side	2595	0.262	-2.88	24.00	23.83	0.272	46
			50	49	Back Side	2595	0.200	-1.14	23.50	23.19	0.215	/
			1	99	Left Side	2595	0.085	-0.03	24.00	23.83	0.088	/
			50	49	Left Side	2595	0.070	0.57	23.50	23.19	0.075	/
			1	99	Right Side	2595	0.077	1.85	24.00	23.83	0.080	/
			50	49	Right Side	2595	0.065	1.21	23.50	23.19	0.070	/
			1	99	Bottom Side	2595	0.216	1.77	24.00	23.83	0.225	/
			50	49	Bottom Side	2595	0.170	2.48	23.50	23.19	0.183	/
LTE Band 40	10M	QPSK	1	49	Front side	2310	0.123	-1.18	19.00	18.56	0.136	/
			50	24	Front side	2310	0.100	3.02	18.00	17.85	0.104	/
			1	49	Back Side	2310	0.209	1.42	19.00	18.56	0.231	48
			50	24	Back Side	2310	0.158	-2.57	18.00	17.85	0.164	/
			1	49	Left Side	2310	0.072	0.11	19.00	18.56	0.080	/
			50	24	Left Side	2310	0.061	0.13	18.00	17.85	0.063	/
			1	49	Right Side	2310	0.059	-3.77	19.00	18.56	0.065	/
			50	24	Right Side	2310	0.051	-0.57	18.00	17.85	0.053	/
			1	49	Bottom Side	2310	0.174	3.17	19.00	18.56	0.193	/
			50	24	Bottom Side	2310	0.139	2.82	18.00	17.85	0.144	/
LTE Band 41	20M	QPSK	1	99	Front side	2605	0.218	-1.86	23.50	23.32	0.227	/
			50	24	Front side	2605	0.173	1.14	23.00	22.74	0.184	/
			1	99	Back Side	2605	0.386	1.37	23.50	23.32	0.402	50
			50	24	Back Side	2605	0.296	-0.23	23.00	22.74	0.314	/
			1	99	Left Side	2605	0.119	-0.61	23.50	23.32	0.124	/
			50	24	Left Side	2605	0.095	2.54	23.00	22.74	0.101	/
			1	99	Right Side	2605	0.108	-3.10	23.50	23.32	0.113	/
			50	24	Right Side	2605	0.088	1.66	23.00	22.74	0.093	/
			1	99	Bottom Side	2605	0.314	-1.13	23.50	23.32	0.327	/
			50	24	Bottom Side	2605	0.245	3.59	23.00	22.74	0.260	/



LTE Band 66	20M	QPSK	1	99	Front side	1745	0.277	3.31	24.00	23.49	0.312	/
			50	49	Front side	1745	0.211	3.13	23.00	22.77	0.222	/
			1	99	Back Side	1745	0.409	0.88	24.00	23.49	0.460	52
			50	49	Back Side	1745	0.316	0.69	23.00	22.77	0.333	/
			1	99	Left Side	1745	0.120	-0.33	24.00	23.49	0.135	/
			50	49	Left Side	1745	0.100	0.91	23.00	22.77	0.105	/
			1	99	Right Side	1745	0.109	-2.02	24.00	23.49	0.123	/
			50	49	Right Side	1745	0.081	2.08	23.00	22.77	0.085	/
			1	99	Bottom Side	1745	0.336	0.18	24.00	23.49	0.378	/
			50	49	Bottom Side	1745	0.256	3.98	23.00	22.77	0.270	/

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.



Repeated SAR

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	0	Back Side	2510	0.667	-2.62	25.50	24.65	0.811

Repeated SAR measurement

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Original Measured SAR 1g(W/kg) 1g (W/Kg)	1 st Repeated SAR 1g	Ratio
LTE Band 7	20M	QPSK	1	0	Back Side	2510	0.675	0.667	1.012

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 $\geq 1.45\text{W/Kg}$.

The ratio is the difference in percentage between original and repeated measured SAR.



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
	7. CDMA + 2.4GHz WLAN/5G WLAN
	8. CDMA + 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
	7. CDMA + 2.4GHz WLAN/5G WLAN
	8. CDMA + 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 $> 50 \text{ mm}$.



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Head	GSM	0.110	0.410
		2.4G WLAN	0.300	
	Body	GSM	0.234	0.384
		2.4G WLAN	0.150	
GSM + Bluetooth	Head	GSM	0.110	0.268
		Bluetooth	0.158	
	Body	GSM	0.234	0.353
		Bluetooth	0.119	
GSM + 5G WLAN	Head	GSM	0.110	0.651
		5G WLAN	0.541	
	Body	GSM	0.234	0.496
		5G WLAN	0.262	
WCDMA + 2.4G WLAN	Head	WCDMA	0.142	0.442
		2.4G WLAN	0.300	
	Body	WCDMA	0.235	0.385
		2.4G WLAN	0.150	
WCDMA + Bluetooth	Head	WCDMA	0.142	0.300
		Bluetooth	0.158	
	Body	WCDMA	0.235	0.354
		Bluetooth	0.119	
WCDMA + 5G WLAN	Head	WCDMA	0.142	0.683
		5G WLAN	0.541	
	Body	WCDMA	0.235	0.497
		5G WLAN	0.262	
CDMA + 2.4G WLAN	Head	CDMA	0.048	0.348
		2.4G WLAN	0.300	
	Body	CDMA	0.064	0.214
		2.4G WLAN	0.150	
CDMA + Bluetooth	Head	CDMA	0.048	0.206
		Bluetooth	0.158	
	Body	CDMA	0.064	0.183
		Bluetooth	0.119	
CDMA + 5G WLAN	Head	CDMA	0.048	0.589
		5G WLAN	0.541	
	Body	CDMA	0.064	0.326
		5G WLAN	0.262	



LTE + 2.4G WLAN	Head	LTE	0.246	0.546
		2.4G WLAN	0.300	
	Body	LTE	0.821	0.971
		2.4G WLAN	0.150	
LTE + Bluetooth	Head	LTE	0.246	0.404
		Bluetooth	0.158	
	Body	LTE	0.821	0.940
		Bluetooth	0.119	
LTE + 5G WLAN	Head	LTE	0.246	0.787
		5G WLAN	0.541	
	Body	LTE	0.821	1.083
		5G WLAN	0.262	

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	2022.02.11	2025.02.10
835MHz Dipole	MVG	DIP0G835	SN 06/22 DIP0G835-639	2022.02.11	2025.02.10
1800MHz Dipole	MVG	DIP1G800	SN 06/22 DIP1G800-640	2022.02.11	2025.02.10
1900MHz Dipole	MVG	DIP1G900	SN 06/22 DIP1G900-641	2022.02.11	2025.02.10
2450MHz Dipole	MVG	DIP2G450	SN 06/22 DIP2G450-645	2022.02.11	2025.02.10
2600MHz Dipole	MVG	DIP2G600	SN 06/22 DIP2G600-646	2022.02.11	2025.02.10
5000MHz Dipole	MVG	DIP5G000	SN 06/22 DIP5G000-653	2022.02.11	2025.02.10
E-Field Probe	MVG	EPGO364	SN 04/22 EPGO364	2023.02.10	2024.02.09
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2023.02.10	2024.02.09
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 holder	MVG	LSH 36	SN 06/22 LSH 38	N/A	N/A
Directional coupler	SHW	SHWDCP	202303280013	N/A	N/A
Network Analyzer	Agilent	E5071C	MY46418070	2023.03.27	2024.03.26
Multi Meter	Keithley	DMM6500	DMM6500	2023.03.27	2024.03.26
Signal Generator	Keithley	N5182B	MY59100717	2023.04.07	2024.04.06
Wireless Communication Test Set	R&S	CMW500	137737	2023.04.14	2024.04.13
Power Sensor	R&S	Z11	116184	2023.04.13	2024.04.12
Temperature hygrometer	N/A	ST-W2318	N/A	2023.04.24	2024.04.23
Thermograph	N/A	TP101	N/A	2023.04.25	2024.04.24



Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

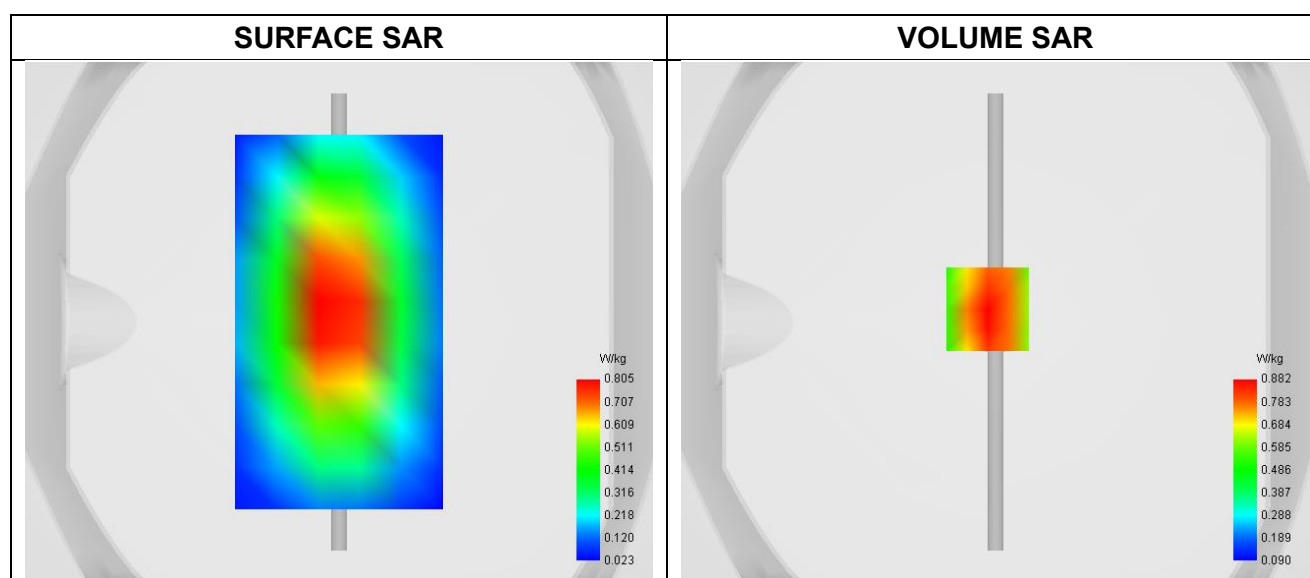
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2024-01-05

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.16
Conductivity (S/m)	0.86
Probe	SN 04/22 EPGO364
ConvF	1.69
Crest factor:	1:1

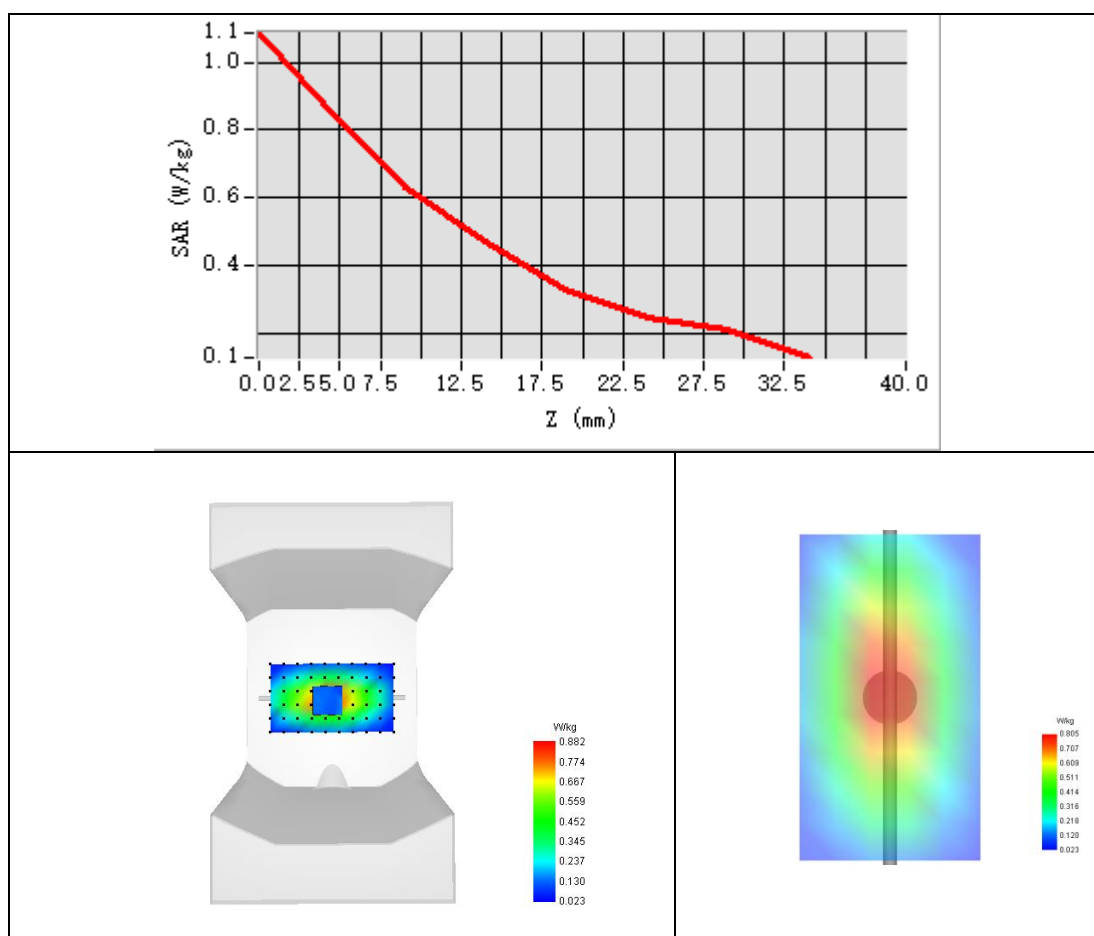


Maximum location: X=-3.00, Y=5.00 ; SAR Peak: 1.15 W/kg

SAR 10g (W/Kg)	0.563
SAR 1g (W/Kg)	0.816



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

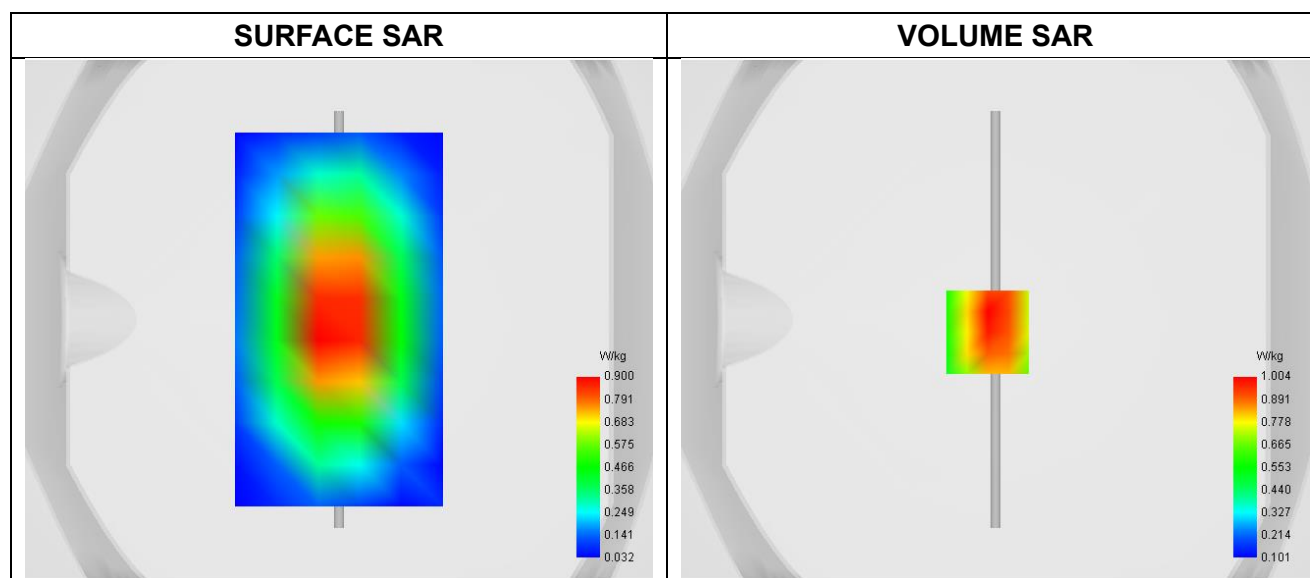
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2024-01-08

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.12
Conductivity (S/m)	0.89
Probe	SN 04/22 EPGO364
ConvF	1.72
Crest factor:	1:1

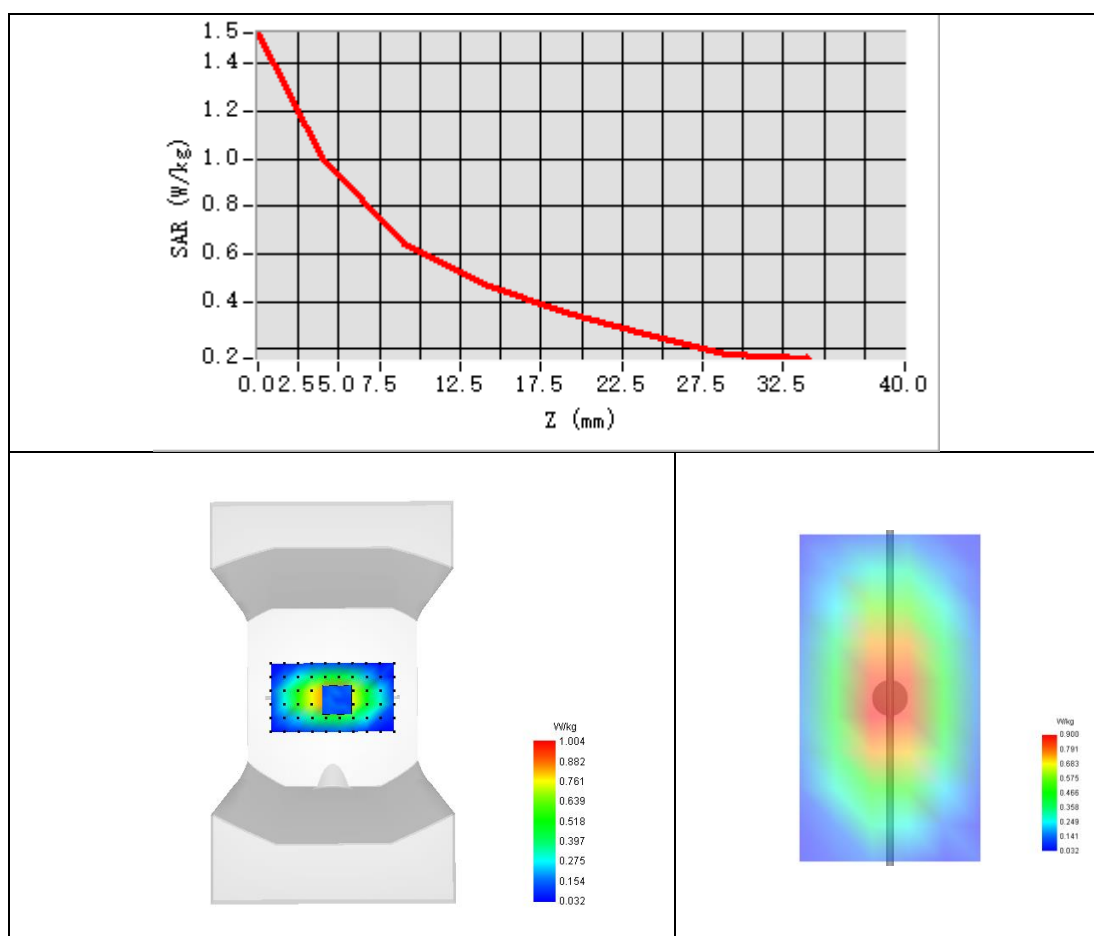


Maximum location: X=-3.00, Y=-5.00 ; SAR Peak: 1.42 W/kg

SAR 10g (W/Kg)	0.586
SAR 1g (W/Kg)	1.004



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

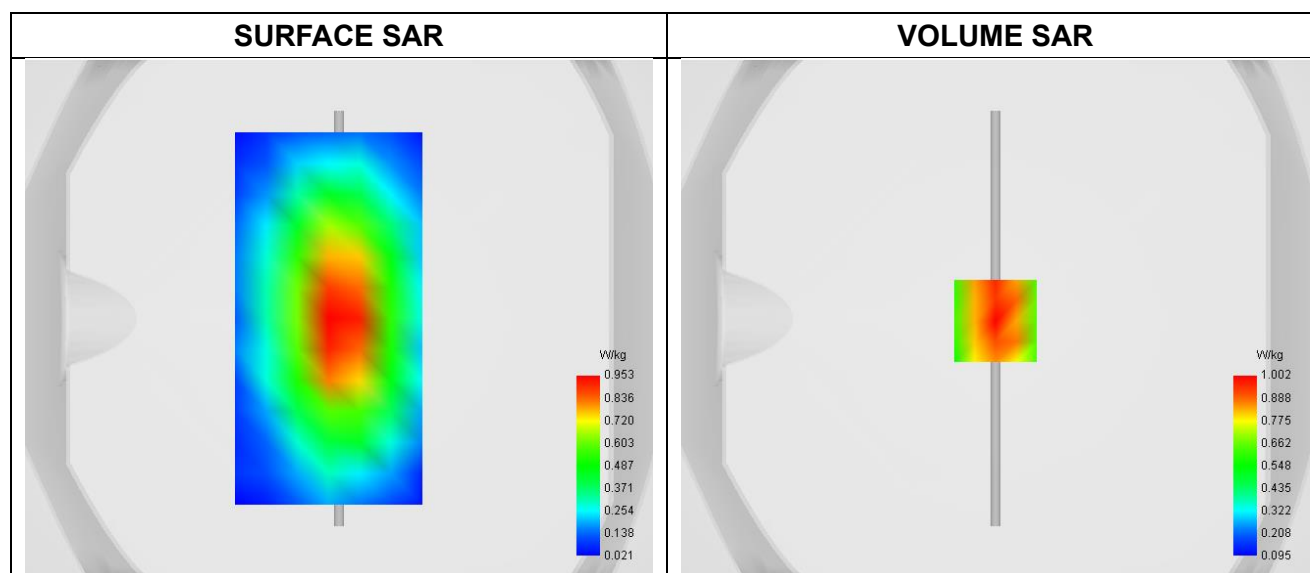
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2023-12-21

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.75
Conductivity (S/m)	0.93
Probe	SN 04/22 EPGO364
ConvF	1.72
Crest factor:	1:1

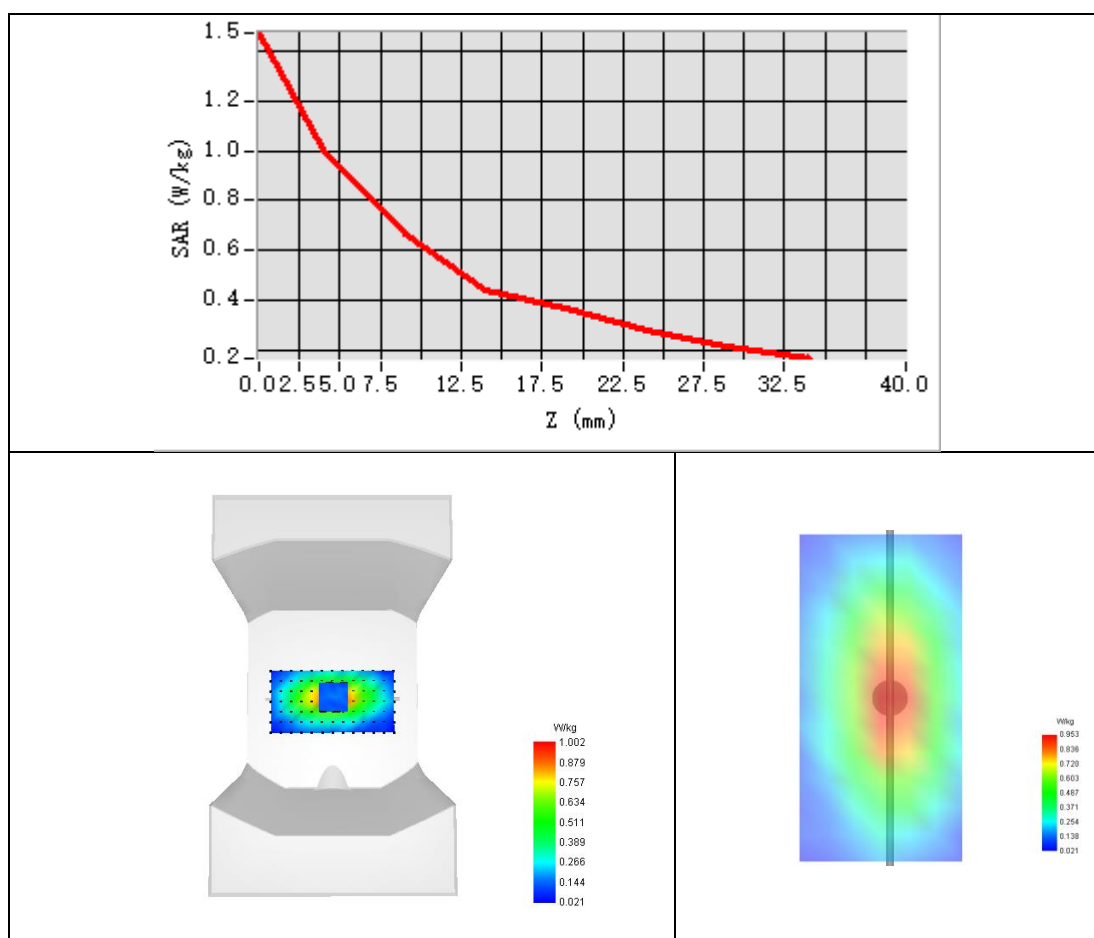


Maximum location: X=5.00, Y=5.00 ; SAR Peak: 1.45 W/kg

SAR 10g (W/Kg)	0.612
SAR 1g (W/Kg)	0.959



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

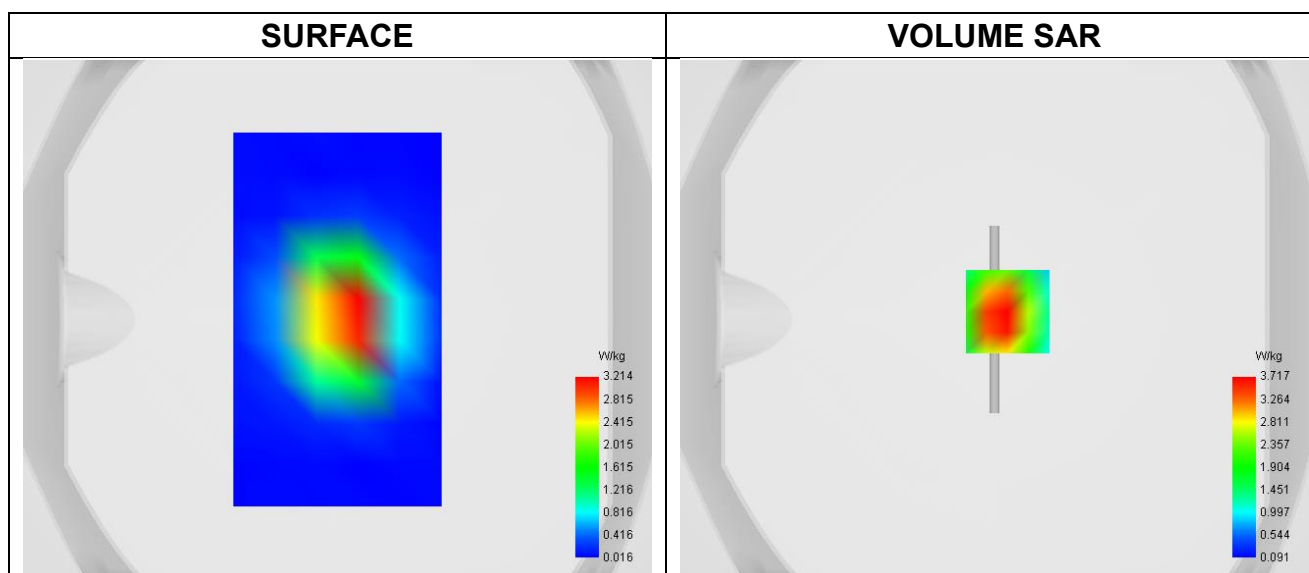
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2024-01-13

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	41.18
Conductivity (S/m)	1.34
Probe	SN 04/22 EPGO364
ConvF	1.95
Crest factor:	1:1

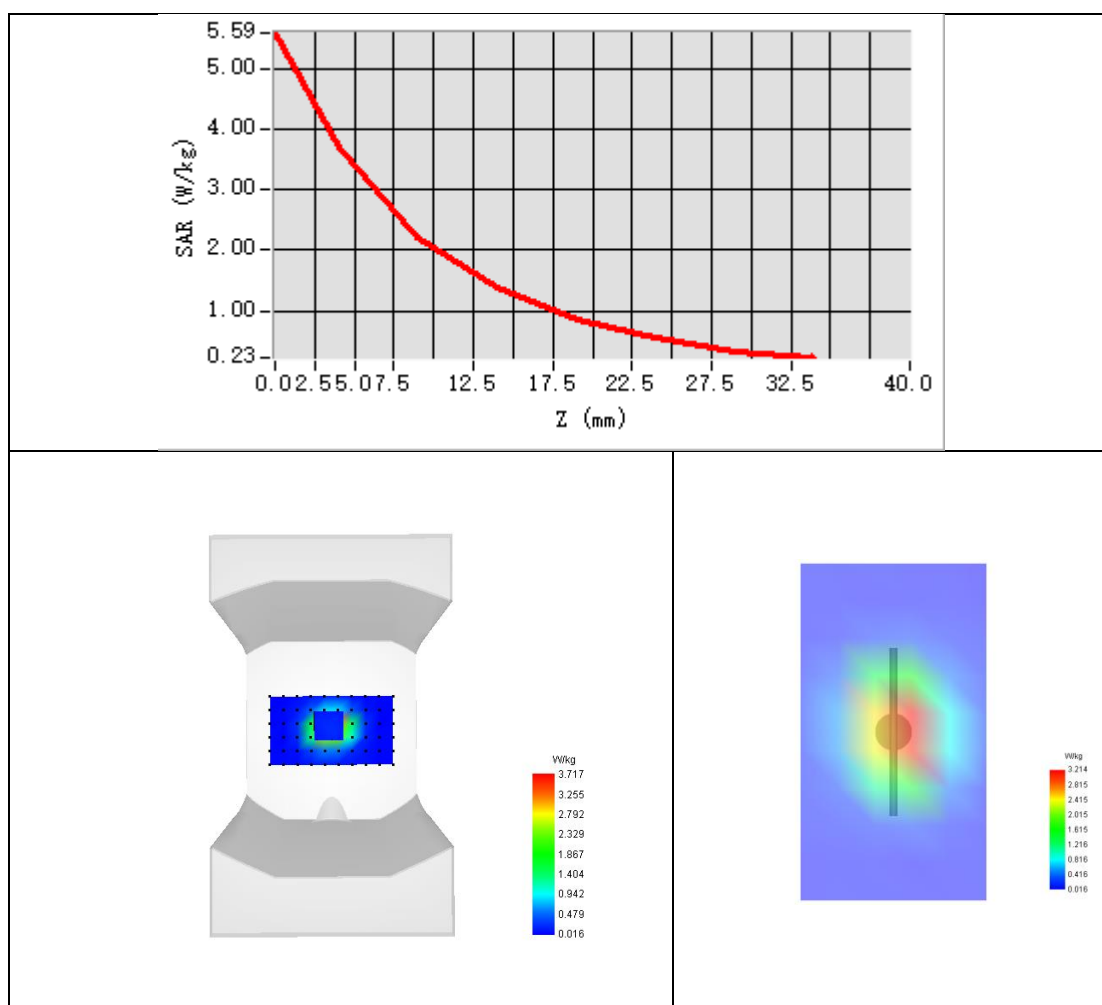


Maximum location: X=5.00, Y=3.00 ; SAR Peak: 5.46 W/kg

SAR 10g (W/Kg)	2.045
SAR 1g (W/Kg)	3.673



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

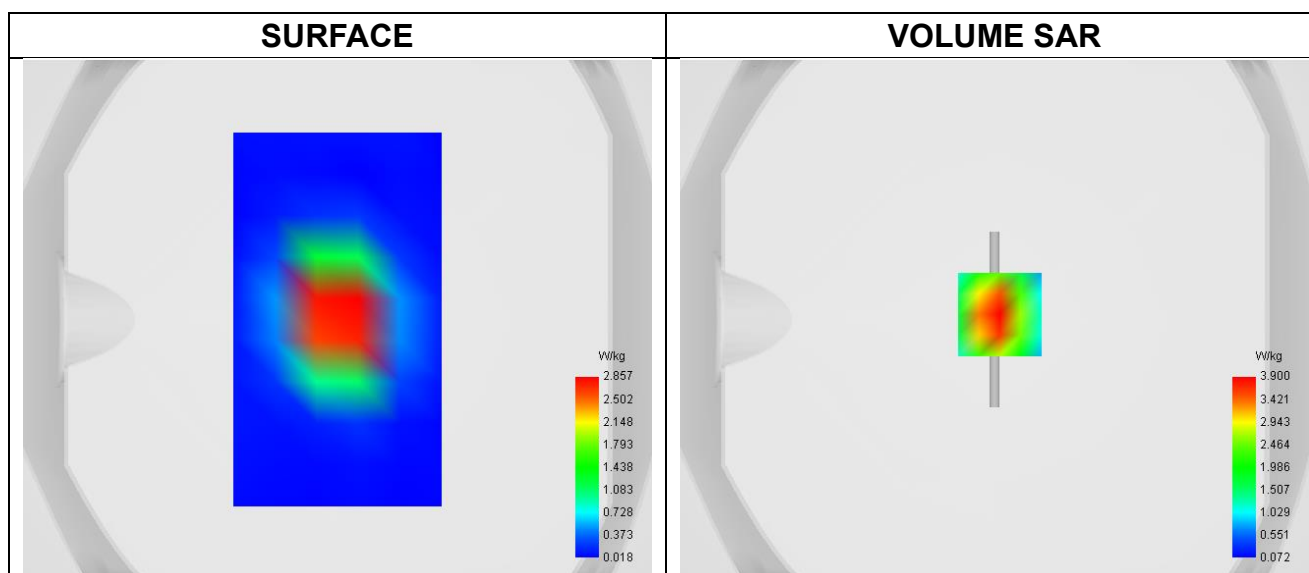
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2024-01-07

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.41
Conductivity (S/m)	1.38
Probe	SN 04/22 EPGO364
ConvF	2.25
Crest factor:	1:1

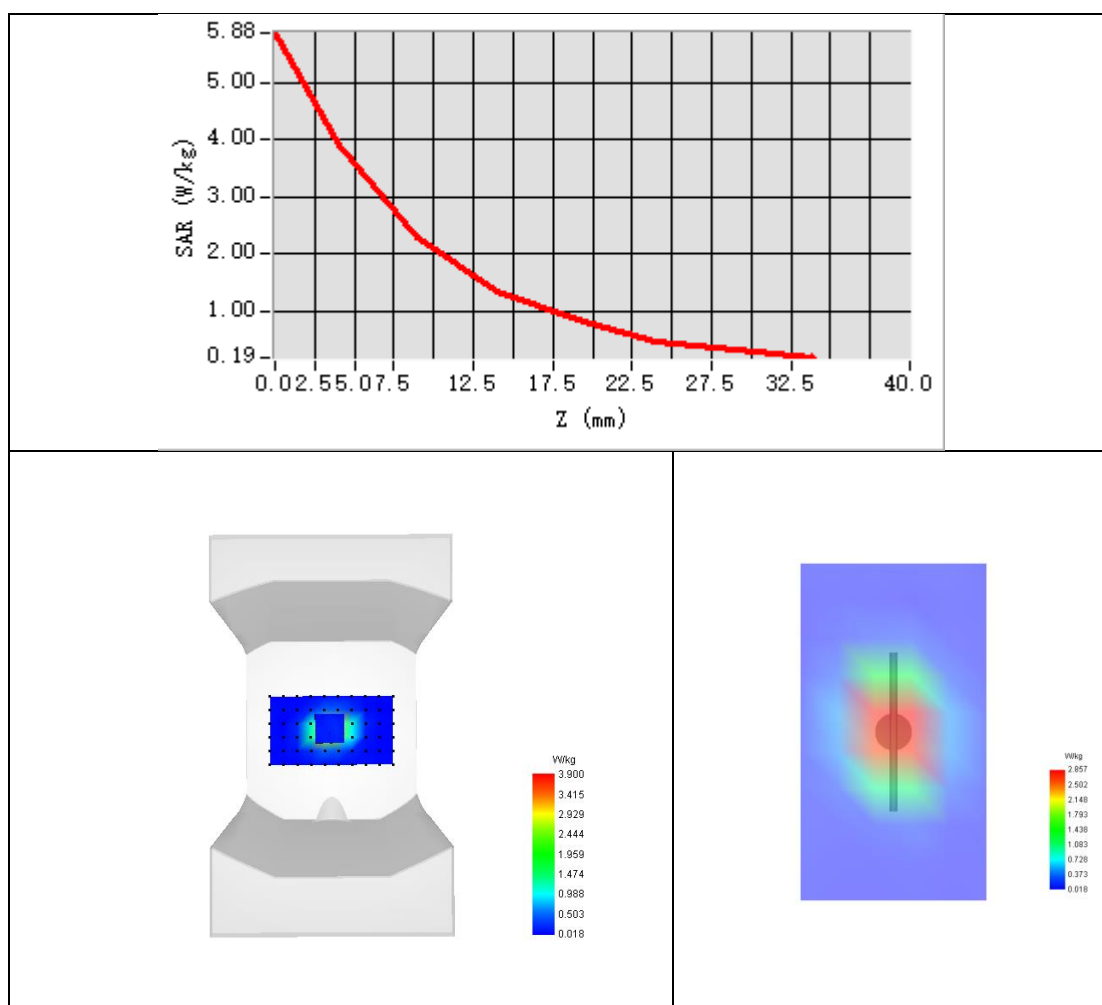


Maximum location: X=2.00, Y=2.00 ; SAR Peak: 6.11 W/kg

SAR 10g (W/Kg)	2.092
SAR 1g (W/Kg)	3.925



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

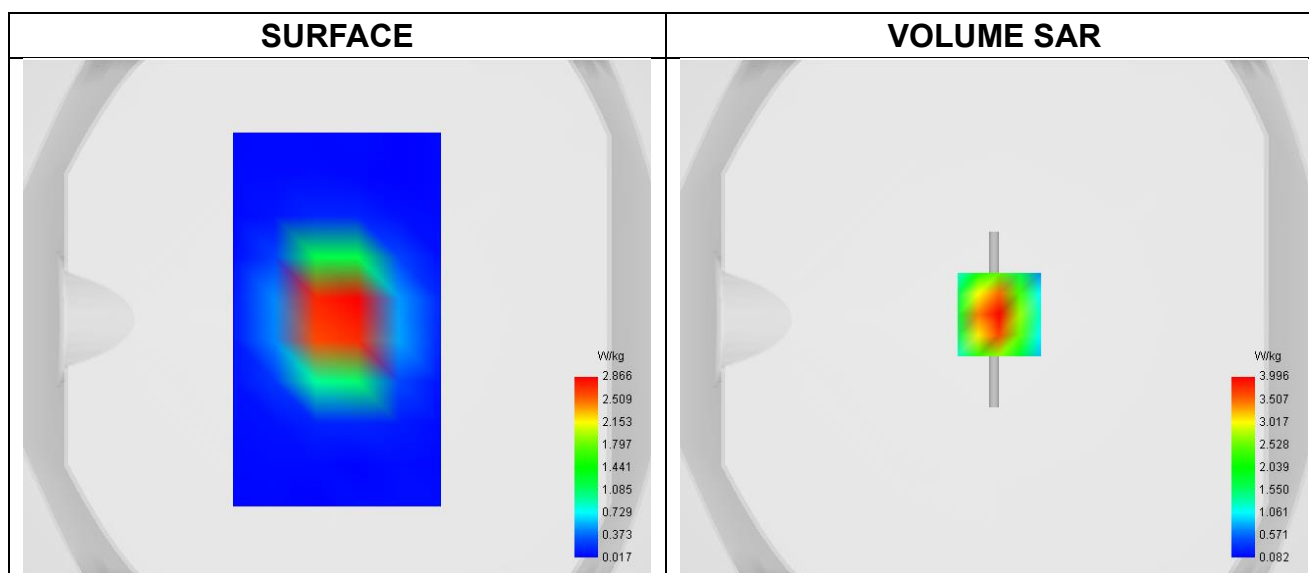
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2023-12-18

Experimental conditions.

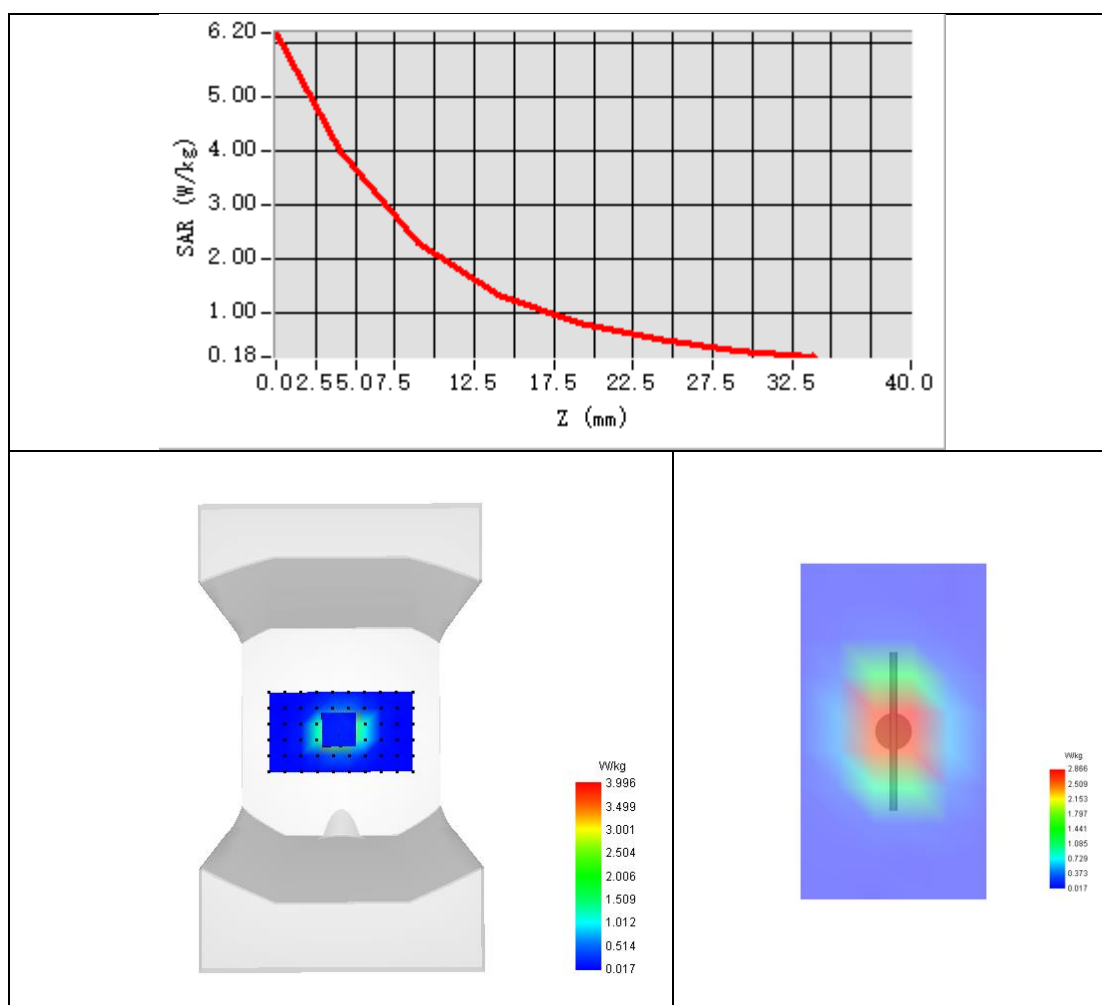
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.51
Conductivity (S/m)	1.45
Probe	SN 04/22 EPG0364
ConvF	2.25
Crest factor:	1:1



Maximum location: X=2.00, Y=2.00 ; SAR Peak: 6.18 W/kg

SAR 10g (W/Kg)	2.059
SAR 1g (W/Kg)	3.896

Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

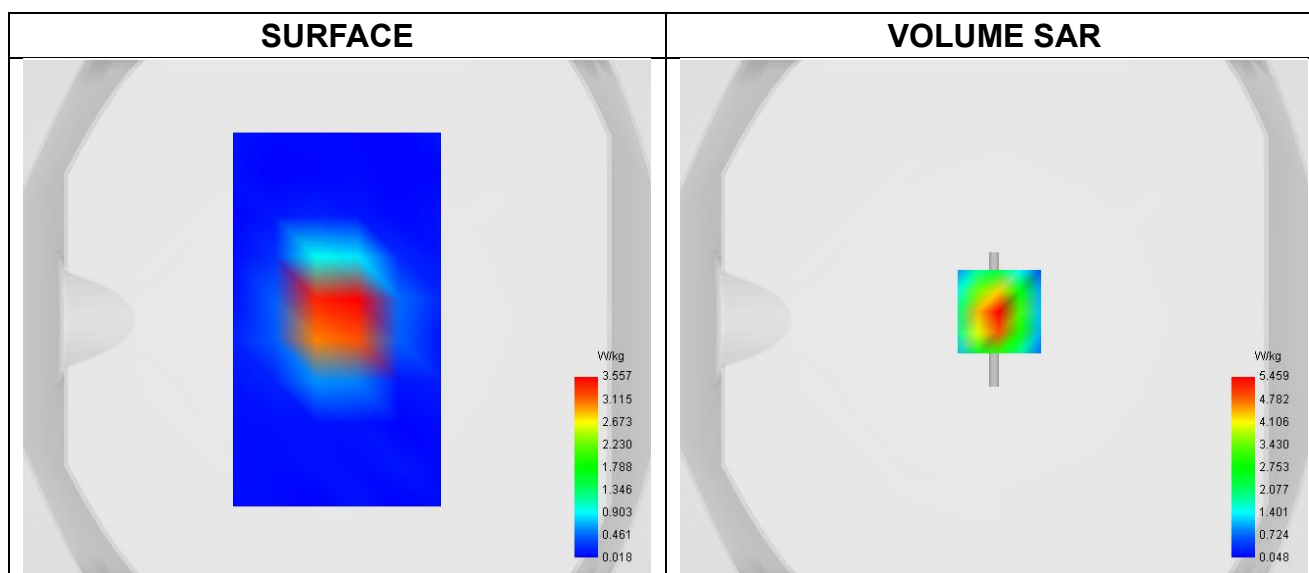
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2024-01-04

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	39.93
Conductivity (S/m)	1.74
Probe	SN 04/22 EPGO364
ConvF	2.33
Crest factor:	1:1

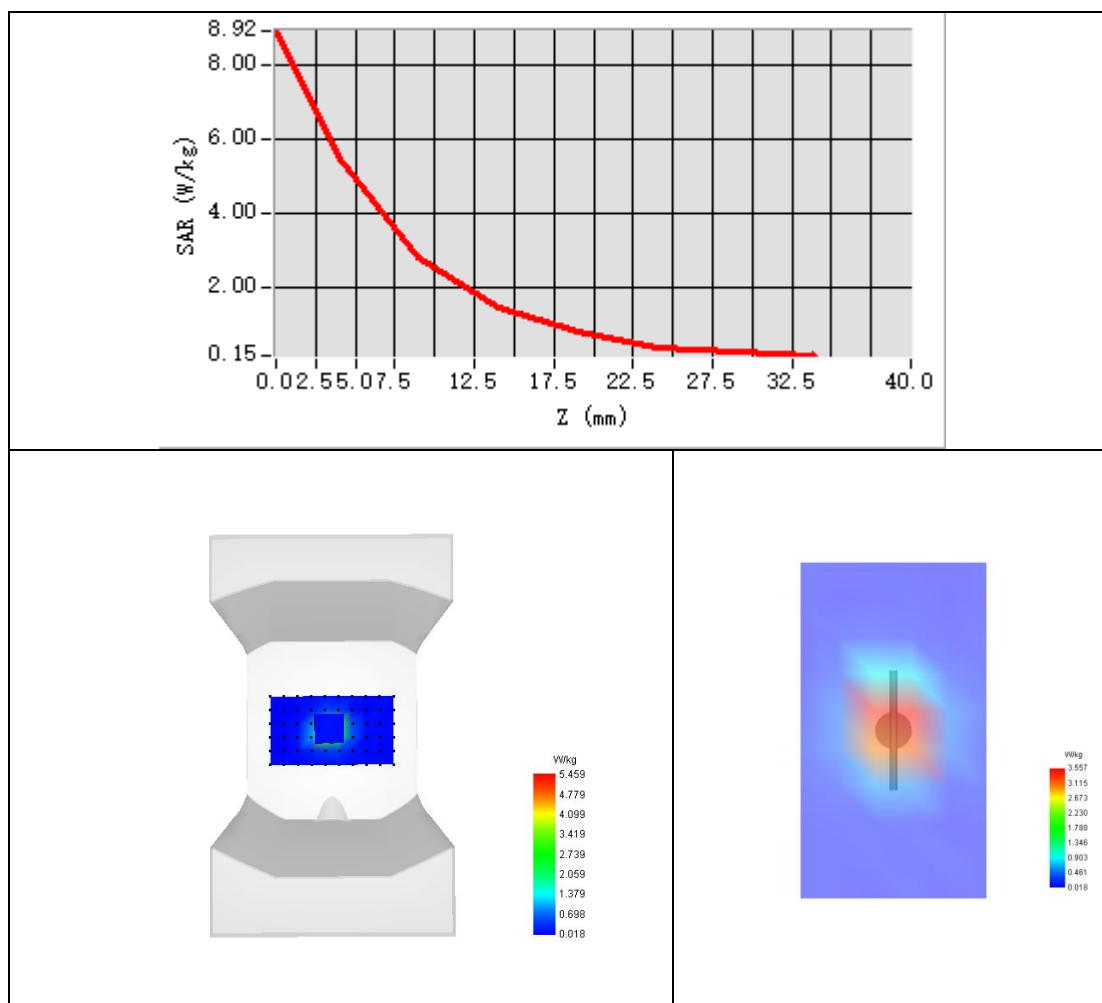


Maximum location: X=2.00, Y=3.00 ; SAR Peak: 9.12 W/kg

SAR 10g (W/Kg)	2.373
SAR 1g (W/Kg)	5.405



Z Axis Scan





System Performance Check Data (2600MHz)

Type: Phone measurement (Complete)

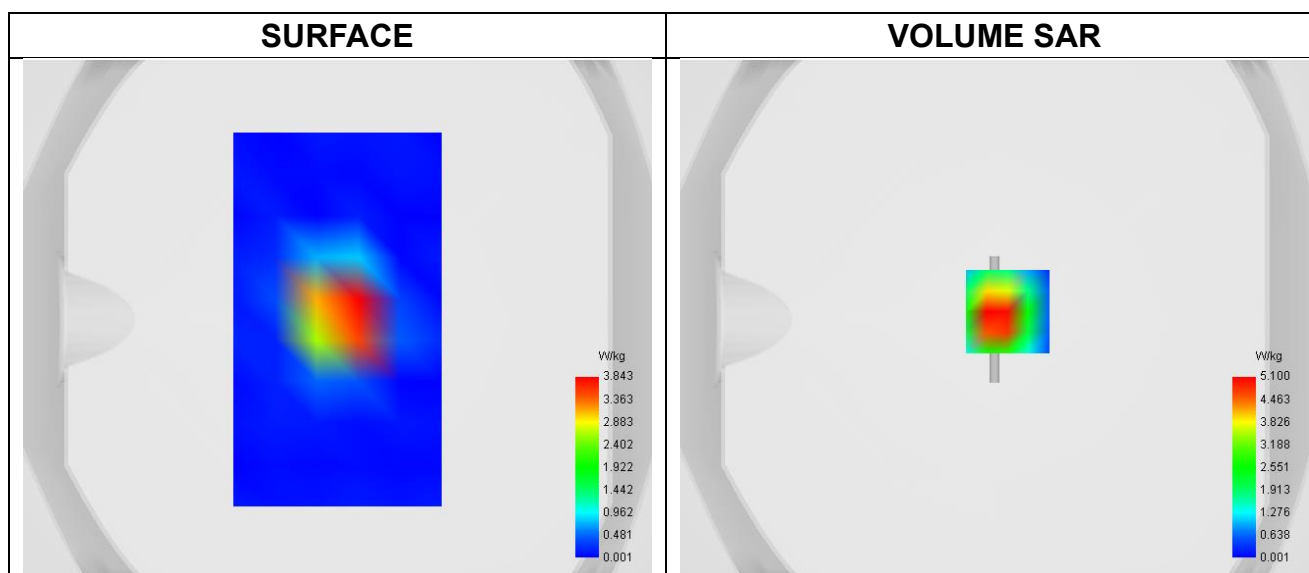
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2024-01-06

Experimental conditions.

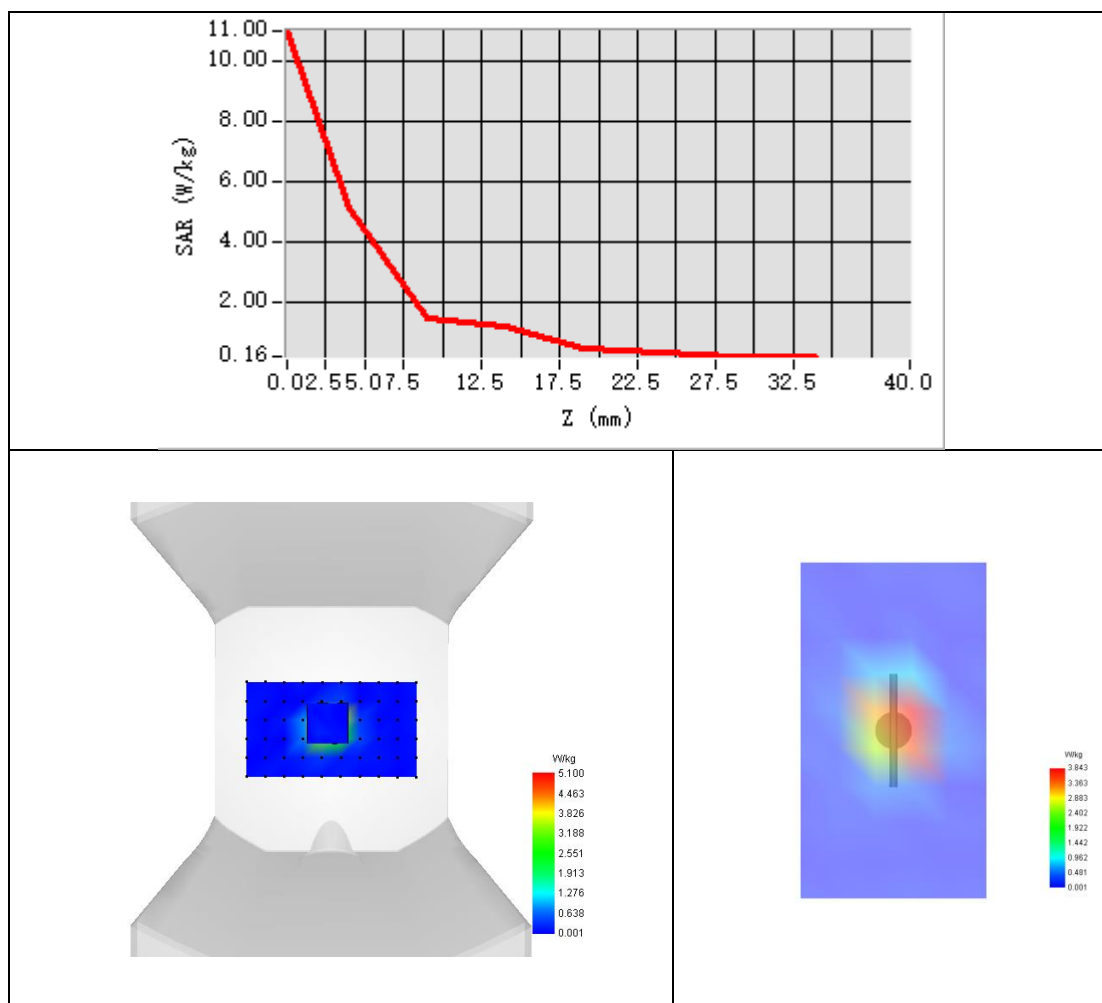
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW
Frequency (MHz)	2600.000
Relative permittivity	39.54
Conductivity (S/m)	1.94
Probe	SN 04/22 EPGO364
ConvF	2.36
Crest factor:	1:1



Maximum location: X=5.00, Y=3.00 ; SAR Peak: 9.50 W/kg

SAR 10g (W/Kg)	2.451
SAR 1g (W/Kg)	5.283

Z Axis Scan





System Performance Check Data (5200MHz)

Type: Phone measurement (Complete)

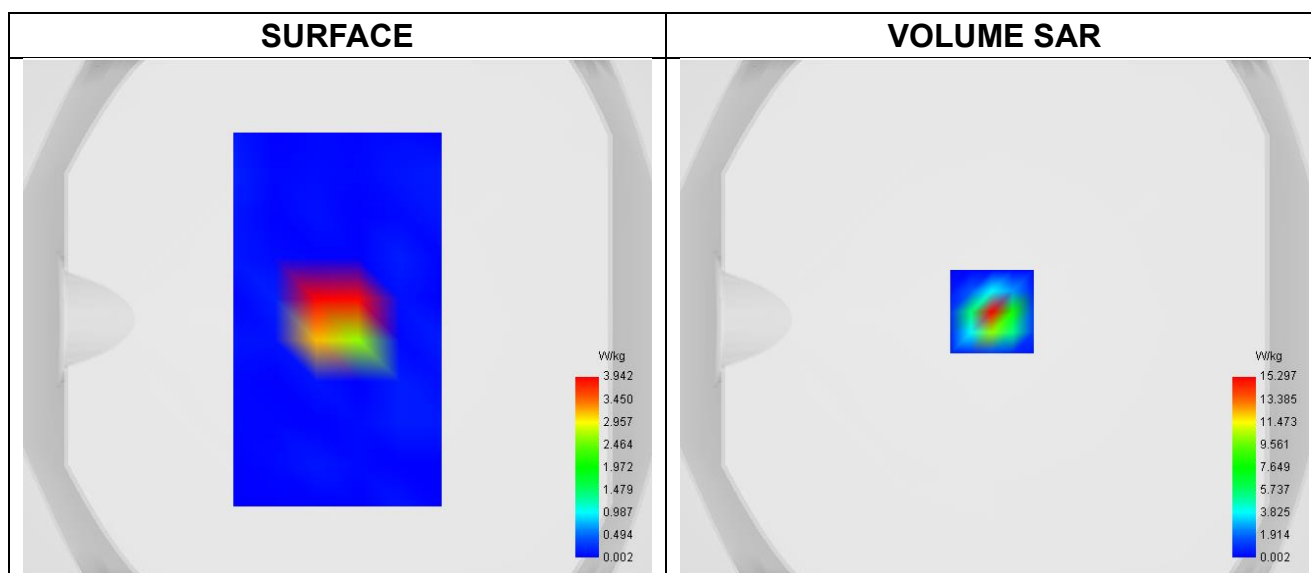
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2024-01-09

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Channels	Middle
Signal	CW
Frequency (MHz)	5200.000
Relative permittivity	36.17
Conductivity (S/m)	4.63
Probe	SN 04/22 EPG0364
ConvF	1.95
Crest factor:	1:1

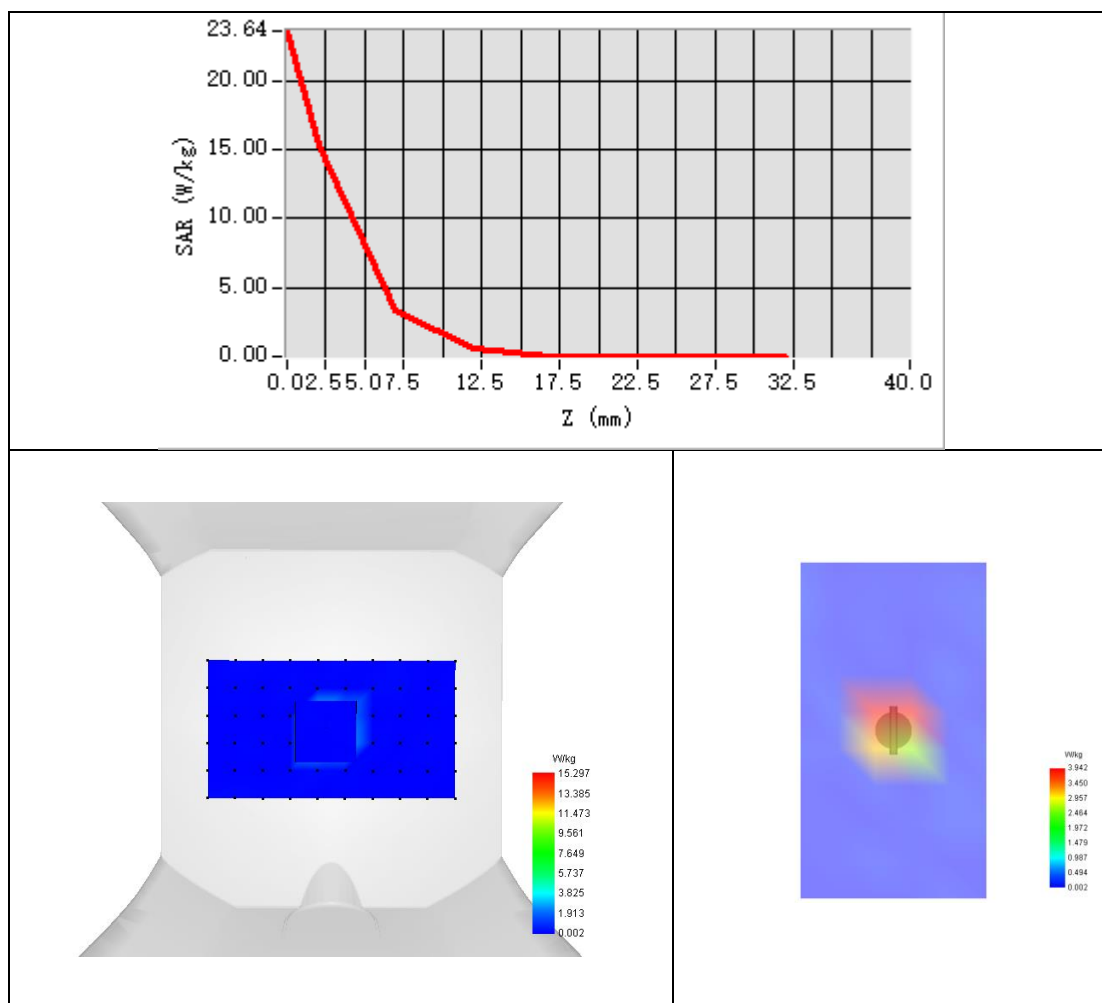


Maximum location: X=-1.00, Y=3.00 ; SAR Peak: 25.13 W/kg

SAR 10g (W/Kg)	2.187
SAR 1g (W/Kg)	7.954



Z Axis Scan





System Performance Check Data (5400MHz)

Type: Phone measurement (Complete)

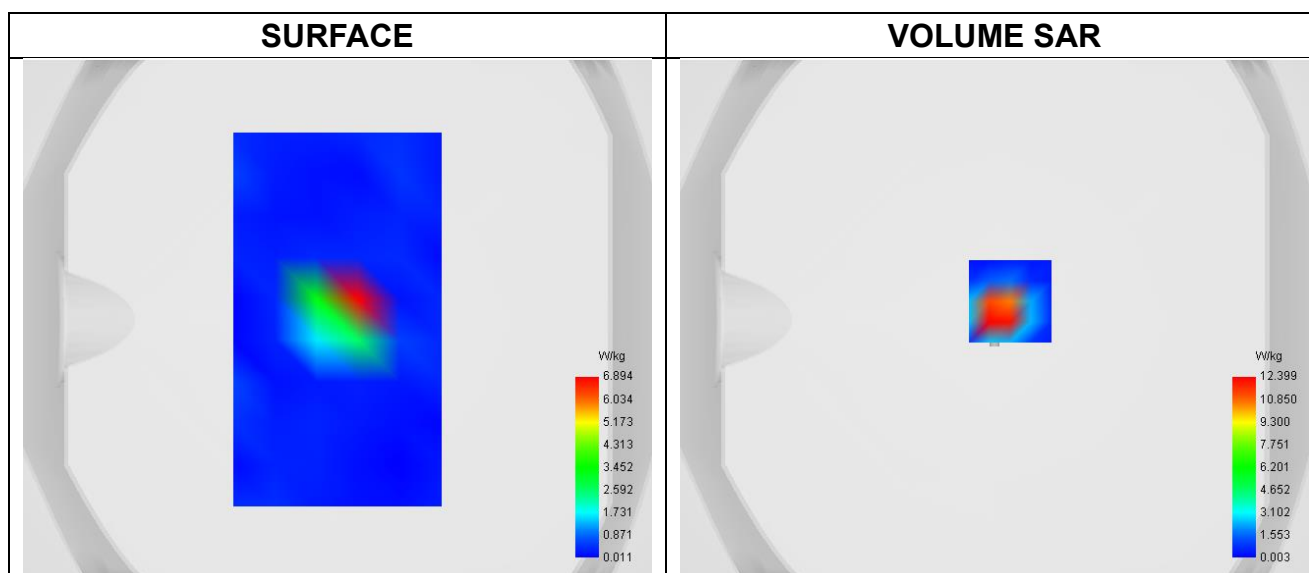
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2024-01-12

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5400
Channels	Middle
Signal	CW
Frequency (MHz)	5400.000
Relative permittivity	35.95
Conductivity (S/m)	4.83
Probe	SN 04/22 EPG0364
ConvF	1.85
Crest factor:	1:1



Maximum location: X=6.00, Y=7.00 ; SAR Peak: 26.91 W/kg

SAR 10g (W/Kg)	2.260
SAR 1g (W/Kg)	8.421