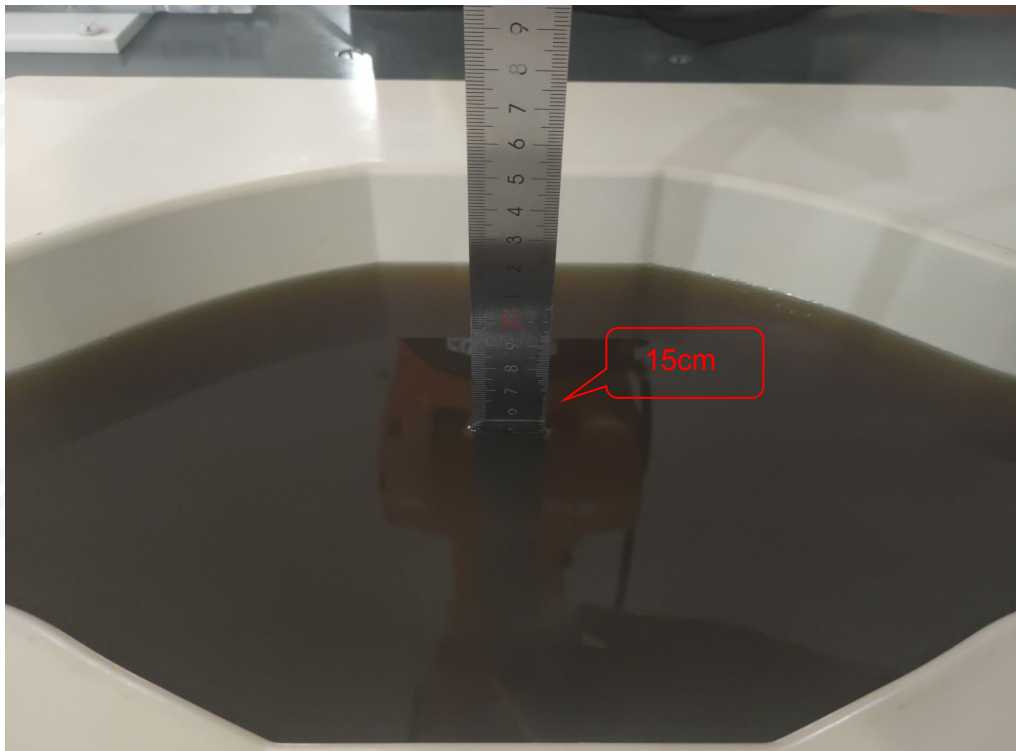




Liquid depth (15 cm)





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)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
GSM850	GPRS Data-2 Slot	Right Cheek	824.2	0.212	0.30	33.50	33.19	1.074	0.228	1
		Right Tilt	824.2	0.120	0.72	33.50	33.19	1.074	0.129	/
		Left Cheek	824.2	0.198	-1.17	33.50	33.19	1.074	0.213	/
		Left Tilt	824.2	0.112	-0.75	33.50	33.19	1.074	0.120	/
GSM1900	GPRS Data-2 Slot	Right Cheek	1850.2	0.082	-1.29	29.50	29.44	1.014	0.083	3
		Right Tilt	1850.2	0.044	-3.81	29.50	29.44	1.014	0.045	/
		Left Cheek	1850.2	0.075	3.92	29.50	29.44	1.014	0.076	/
		Left Tilt	1850.2	0.040	-1.37	29.50	29.44	1.014	0.041	/
WCDMA Band II	RMC	Right Cheek	1880	0.153	3.32	24.00	23.83	1.040	0.159	5
		Right Tilt	1880	0.074	-3.58	24.00	23.83	1.040	0.077	/
		Left Cheek	1880	0.144	0.07	24.00	23.83	1.040	0.150	/
		Left Tilt	1880	0.065	3.28	24.00	23.83	1.040	0.068	/
WCDMA Band IV	RMC	Right Cheek	1752.4	0.087	0.92	24.50	24.03	1.114	0.097	7
		Right Tilt	1752.4	0.045	0.49	24.50	24.03	1.114	0.050	/
		Left Cheek	1752.4	0.078	-2.18	24.50	24.03	1.114	0.087	/
		Left Tilt	1752.4	0.042	1.57	24.50	24.03	1.114	0.047	/
WCDMA Band V	RMC	Right Cheek	846.6	0.194	-2.18	24.50	24.02	1.117	0.217	9
		Right Tilt	846.6	0.096	2.96	24.50	24.02	1.117	0.107	/
		Left Cheek	846.6	0.185	-2.78	24.50	24.02	1.117	0.207	/
		Left Tilt	846.6	0.088	3.82	24.50	24.02	1.117	0.098	/
2.4G WLAN	802.11b	Right Cheek	2462	0.279	1.24	17.00	16.76	1.057	0.295	/
		Right Tilt	2462	0.224	-2.99	17.00	16.76	1.057	0.237	/
		Left Cheek	2462	0.265	1.19	17.00	16.76	1.057	0.280	/
		Left Tilt	2462	0.218	0.38	17.00	16.76	1.057	0.230	/
	802.11g	Right Cheek	2462	0.315	-0.85	20.00	19.63	1.089	0.343	25
		Right Tilt	2462	0.289	1.44	20.00	19.63	1.089	0.315	/
		Left Cheek	2462	0.304	-2.95	20.00	19.63	1.089	0.331	/
		Left Tilt	2462	0.276	-1.12	20.00	19.63	1.089	0.301	/
5.2G WLAN	802.11a	Right Cheek	5240	0.322	0.01	14.00	13.62	1.091	0.351	27
		Right Tilt	5240	0.277	-1.76	14.00	13.62	1.091	0.302	/
		Left Cheek	5240	0.318	2.12	14.00	13.62	1.091	0.347	/
		Left Tilt	5240	0.256	3.35	14.00	13.62	1.091	0.279	/
5.8G WLAN	802.11a	Right Cheek	5825	0.053	-3.50	13.00	12.96	1.009	0.053	29
		Right Tilt	5825	0.044	-3.58	13.00	12.96	1.009	0.044	/
		Left Cheek	5825	0.050	1.78	13.00	12.96	1.009	0.050	/
		Left Tilt	5825	0.042	-2.55	13.00	12.96	1.009	0.042	/



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	49	Right Cheek	1880	0.276	2.83	23	22.71	1.069	0.295	11
			50	0	Right Cheek	1880	0.255	-2.07	22	21.55	1.109	0.283	/
			1	49	Right Tilt	1880	0.136	-3.37	23	22.71	1.069	0.145	/
			50	0	Right Tilt	1880	0.120	2.96	22	21.55	1.109	0.133	/
			1	49	Left Cheek	1880	0.263	0.64	23	22.71	1.069	0.281	/
			50	0	Left Cheek	1880	0.248	2.34	22	21.55	1.109	0.275	/
			1	49	Left Tilt	1880	0.122	2.11	23	22.71	1.069	0.130	/
LTE Band 4	20M	QPSK	50	0	Left Tilt	1880	0.113	0.00	22	21.55	1.109	0.125	/
			1	49	Right Cheek	1745	0.133	-0.22	22.5	22.06	1.107	0.147	13
			50	24	Right Cheek	1720	0.121	1.70	21.5	21	1.122	0.136	/
			1	49	Right Tilt	1745	0.062	3.31	22.5	22.06	1.107	0.069	/
			50	24	Right Tilt	1720	0.054	-2.70	21.5	21	1.122	0.061	/
			1	49	Left Cheek	1745	0.126	3.70	22.5	22.06	1.107	0.139	/
			50	24	Left Cheek	1720	0.117	2.44	21.5	21	1.122	0.131	/
LTE Band 5	10M	QPSK	1	49	Left Tilt	1745	0.059	-0.58	22.5	22.06	1.107	0.065	/
			50	24	Left Tilt	1720	0.048	-0.41	21.5	21	1.122	0.054	/
			1	49	Right Cheek	829	0.240	1.15	23	22.89	1.026	0.246	15
			25	24	Right Cheek	829	0.215	-0.05	22.5	22.02	1.117	0.240	/
			1	49	Right Tilt	829	0.137	2.29	23	22.89	1.026	0.141	/
			25	24	Right Tilt	829	0.121	2.36	22.5	22.02	1.117	0.135	/
			1	49	Left Cheek	829	0.236	2.94	23	22.89	1.026	0.242	/
LTE Band 7	20M	QPSK	25	24	Left Cheek	829	0.210	2.84	22.5	22.02	1.117	0.235	/
			1	49	Left Tilt	829	0.132	-1.89	23	22.89	1.026	0.135	/
			25	24	Left Tilt	829	0.115	-3.74	22.5	22.02	1.117	0.128	/
			1	49	Right Cheek	2510	0.325	-3.42	23.5	22.25	1.334	0.433	/
			1	49	Right Cheek	2535	0.401	-0.71	23.5	23.07	1.104	0.443	17
			1	49	Right Cheek	2560	0.361	-0.75	23.5	22.77	1.183	0.427	/
			50	24	Right Cheek	2535	0.378	-2.89	22	21.96	1.009	0.381	/
			1	49	Right Tilt	2535	0.228	-2.52	23.5	23.07	1.104	0.252	/
			50	24	Right Tilt	2535	0.214	0.90	22	21.96	1.009	0.216	/
LTE Band 12	10M	QPSK	1	49	Left Cheek	2535	0.387	-0.23	23.5	23.07	1.104	0.427	/
			50	24	Left Cheek	2535	0.369	3.58	22	21.96	1.009	0.372	/
			1	49	Left Tilt	2535	0.218	2.85	23.5	23.07	1.104	0.241	/
			50	24	Left Tilt	2535	0.199	2.32	22	21.96	1.009	0.201	/
			1	24	Right Cheek	704	0.114	-3.61	23.5	23.46	1.009	0.115	19
			25	0	Right Cheek	704	0.101	0.18	23	22.55	1.109	0.112	/
			1	24	Right Tilt	704	0.056	-3.40	23.5	23.46	1.009	0.057	/
			25	0	Right Tilt	704	0.048	-0.17	23	22.55	1.109	0.053	/
			1	24	Left Cheek	704	0.109	-1.28	23.5	23.46	1.009	0.110	/
N5	20M	DFT_QPSK	25	0	Left Cheek	704	0.096	-1.09	23	22.55	1.109	0.106	/
			1	24	Left Tilt	704	0.052	-1.30	23.5	23.46	1.009	0.052	/
			25	0	Left Tilt	704	0.041	0.58	23	22.55	1.109	0.045	/
			25	50	Right Cheek	844	0.266	-1.07	24	23.92	1.019	0.271	21
			104	1	Right Cheek	844	0.245	-3.29	24	23.76	1.057	0.259	/
			25	50	Right Tilt	844	0.123	1.40	24	23.92	1.019	0.125	/
			104	1	Right Tilt	844	0.115	3.16	24	23.76	1.057	0.122	/
NSAN78	100M	DFT_QPSK	25	50	Left Cheek	844	0.253	-3.13	24	23.92	1.019	0.258	/
			104	1	Left Cheek	844	0.241	-2.62	24	23.76	1.057	0.255	/
			25	50	Left Tilt	844	0.111	-1.69	24	23.92	1.019	0.113	/
			104	1	Left Tilt	844	0.097	0.18	24	23.76	1.057	0.103	/
			12	6	Right Cheek	3600	0.210	-0.20	24	23.92	1.019	0.214	23
			12	6	Right Tilt	3600	0.159	3.67	24	23.92	1.019	0.162	/
			12	6	Left Cheek	3600	0.201	3.38	24	23.92	1.019	0.205	/
			12	6	Left Tilt	3600	0.136	0.57	24	23.92	1.019	0.139	/



NSA

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 5	10M	QPSK	1	49	Right Cheek	829	0.240	1.15	23	22.89	1.026	0.246	15
			25	24	Right Cheek	829	0.215	-0.05	22.5	22.02	1.117	0.240	/
			1	49	Right Tilt	829	0.137	2.29	23	22.89	1.026	0.141	/
			25	24	Right Tilt	829	0.121	2.36	22.5	22.02	1.117	0.135	/
			1	49	Left Cheek	829	0.236	2.94	23	22.89	1.026	0.242	/
			25	24	Left Cheek	829	0.210	2.84	22.5	22.02	1.117	0.235	/
			1	49	Left Tilt	829	0.132	-1.89	23	22.89	1.026	0.135	/
			25	24	Left Tilt	829	0.115	-3.74	22.5	22.02	1.117	0.128	/
NSA N78	100M	DFT_QPSK	12	6	Right Cheek	3600	0.210	-0.20	24	23.92	1.019	0.214	23
			12	6	Right Tilt	3600	0.159	3.67	24	23.92	1.019	0.162	/
			12	6	Left Cheek	3600	0.201	3.38	24	23.92	1.019	0.205	/
			12	6	Left Tilt	3600	0.136	0.57	24	23.92	1.019	0.139	/

Head	Band	Mode	Max SAR(W/Kg)	NSA N78+B5
	NSA N78+B5	SAN78	0.214	0.460
		LTE B5	0.246	

Note:

- Per KDB 447498 D04, 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
- 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	GPRS Data-2 Slot	Front Side	824.2	0.096	-3.48	33.50	33.19	1.074	0.103	/
		Back Side	824.2	0.184	0.94	33.50	33.19	1.074	0.198	2
		Left Side	824.2	0.112	-1.69	33.50	33.19	1.074	0.120	/
		Right Side	824.2	0.103	0.45	33.50	33.19	1.074	0.111	/
		Top Side	824.2	0.026	3.94	33.50	33.19	1.074	0.028	/
		Bottom Side	824.2	0.116	-1.44	33.50	33.19	1.074	0.125	/
GSM1900	GPRS Data-2 Slot	Front Side	1850.2	0.044	-1.62	29.50	29.44	1.014	0.045	/
		Back Side	1850.2	0.104	-3.89	29.50	29.44	1.014	0.105	4
		Left Side	1850.2	0.066	1.95	29.50	29.44	1.014	0.067	/
		Right Side	1850.2	0.070	3.02	29.50	29.44	1.014	0.071	/
		Bottom Side	1850.2	0.087	2.89	29.50	29.44	1.014	0.088	/
WCDMA Band II	RMC	Front Side	1880	0.227	3.05	24.00	23.83	1.040	0.236	/
		Back Side	1880	0.460	0.98	24.00	23.83	1.040	0.478	6
		Left Side	1880	0.102	2.44	24.00	23.83	1.040	0.106	/
		Right Side	1880	0.228	1.19	24.00	23.83	1.040	0.237	/
		Bottom Side	1880	0.249	-0.85	24.00	23.83	1.040	0.259	/
WCDMA Band IV	RMC	Front Side	1752.4	0.062	-3.64	24.50	24.03	1.114	0.069	/
		Back Side	1752.4	0.149	0.33	24.50	24.03	1.114	0.166	8
		Left Side	1752.4	0.075	-2.96	24.50	24.03	1.114	0.084	/
		Right Side	1752.4	0.086	-0.77	24.50	24.03	1.114	0.096	/
		Bottom Side	1752.4	0.122	-2.00	24.50	24.03	1.114	0.136	/
WCDMA Band V	RMC	Front Side	846.6	0.162	-1.86	24.50	24.02	1.117	0.181	/
		Back Side	846.6	0.358	-1.23	24.50	24.02	1.117	0.400	10
		Left Side	846.6	0.183	2.31	24.50	24.02	1.117	0.204	/
		Right Side	846.6	0.190	2.71	24.50	24.02	1.117	0.212	/
		Bottom Side	846.6	0.277	2.44	24.50	24.02	1.117	0.309	/
2.4GHz WLAN	802.11b	Front Side	2462	0.262	2.41	17.00	16.76	1.057	0.277	/
		Back Side	2462	0.314	3.18	17.00	16.76	1.057	0.332	/
		Right Side	2462	0.224	-0.71	17.00	16.76	1.057	0.237	/
		Top Side	2462	0.236	2.38	17.00	16.76	1.057	0.249	/
	802.11g	Front Side	2462	0.303	-1.46	20.00	19.63	1.089	0.330	/
		Back Side	2462	0.325	1.18	20.00	19.63	1.089	0.354	26
		Right Side	2462	0.244	1.15	20.00	19.63	1.089	0.266	/
		Top Side	2462	0.258	-0.93	20.00	19.63	1.089	0.281	/
5.2GHz WLAN	802.11a	Front Side	5240	0.114	-2.80	14.00	13.62	1.091	0.124	/
		Back Side	5240	0.128	-1.83	14.00	13.62	1.091	0.140	28
		Right Side	5240	0.102	1.41	14.00	13.62	1.091	0.111	/
		Top Side	5240	0.11	3.71	14.00	13.62	1.091	0.120	/
5.8GHz WLAN	802.11a	Front Side	5825	0.035	-1.56	13.00	12.96	1.009	0.035	/
		Back Side	5825	0.053	-0.57	13.00	12.96	1.009	0.053	30
		Right Side	5825	0.031	0.55	13.00	12.96	1.009	0.031	/
		Top Side	5825	0.044	-2.35	13.00	12.96	1.009	0.044	/



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	49	Front side	1880	0.237	-0.66	23	22.71	1.069	0.253	/
			50	0	Front side	1880	0.216	2.93	22	21.55	1.109	0.240	/
			1	49	Back Side	1880	0.465	-3.18	23	22.71	1.069	0.497	12
			50	0	Back Side	1880	0.443	0.57	22	21.55	1.109	0.491	/
			1	49	Left Side	1880	0.239	3.37	23	22.71	1.069	0.256	/
			50	0	Left Side	1880	0.224	2.30	22	21.55	1.109	0.248	/
			1	49	Right Side	1880	0.252	2.82	23	22.71	1.069	0.269	/
			50	0	Right Side	1880	0.241	2.82	22	21.55	1.109	0.267	/
			1	49	Bottom Side	1880	0.327	-3.16	23	22.71	1.069	0.350	/
LTE Band 4	20M	QPSK	50	0	Bottom Side	1880	0.310	-3.58	22	21.55	1.109	0.344	/
			1	49	Front side	1745	0.188	-2.64	22.5	22.06	1.107	0.208	/
			50	24	Front side	1720	0.172	2.04	21.5	21	1.122	0.193	/
			1	49	Back Side	1745	0.366	3.15	22.5	22.06	1.107	0.405	14
			50	24	Back Side	1720	0.341	-2.23	21.5	21	1.122	0.383	/
			1	49	Left Side	1745	0.236	-2.41	22.5	22.06	1.107	0.261	/
			50	24	Left Side	1720	0.224	0.58	21.5	21	1.122	0.251	/
			1	49	Right Side	1745	0.251	-1.92	22.5	22.06	1.107	0.278	/
			50	24	Right Side	1720	0.238	-2.63	21.5	21	1.122	0.267	/
LTE Band 5	10M	QPSK	1	49	Bottom Side	1745	0.289	-0.90	22.5	22.06	1.107	0.320	/
			50	24	Bottom Side	1720	0.27	-3.76	21.5	21	1.122	0.303	/
			1	49	Front side	829	0.249	-1.82	23	22.89	1.026	0.255	/
			25	24	Front side	829	0.224	-0.36	22.5	22.02	1.117	0.250	/
			1	49	Back Side	829	0.486	-0.63	23	22.89	1.026	0.498	16
			1	49	Back Side	836.5	0.436	0.06	23	22.44	1.138	0.496	/
			1	49	Back Side	844	0.409	-3.22	23	22.26	1.186	0.485	/
			25	24	Back Side	829	0.443	-3.15	22.5	22.02	1.117	0.495	/
			1	49	Left Side	829	0.263	-2.18	23	22.89	1.026	0.270	/
LTE Band 7	10M	QPSK	25	24	Left Side	829	0.238	-1.65	22.5	22.02	1.117	0.266	/
			1	49	Right Side	829	0.277	-0.60	23	22.89	1.026	0.284	/
			25	24	Right Side	829	0.253	-2.21	22.5	22.02	1.117	0.283	/
			1	49	Bottom Side	829	0.378	-0.23	23	22.89	1.026	0.388	/
			25	24	Bottom Side	829	0.361	0.25	22.5	22.02	1.117	0.403	/
			1	49	Front side	2535	0.145	2.50	23.5	23.07	1.104	0.160	/
			50	24	Front side	2535	0.130	-3.15	22	21.96	1.009	0.131	/
			1	49	Back Side	2535	0.318	-1.87	23.5	23.07	1.104	0.351	18
			50	24	Back Side	2535	0.286	-3.59	22	21.96	1.009	0.289	/
LTE Band 12	10M	QPSK	1	49	Left Side	2535	0.189	-0.29	23.5	23.07	1.104	0.209	/
			50	24	Left Side	2535	0.178	-3.45	22	21.96	1.009	0.180	/
			1	49	Right Side	2535	0.192	2.54	23.5	23.07	1.104	0.212	/
			50	24	Right Side	2535	0.178	-0.55	22	21.96	1.009	0.180	/
			1	49	Bottom Side	2535	0.274	0.45	23.5	23.07	1.104	0.303	/
			50	24	Bottom Side	2535	0.262	-0.70	22	21.96	1.009	0.264	/
			1	24	Front side	704	0.125	2.93	23.5	23.46	1.009	0.126	/
			25	0	Front side	704	0.113	0.17	23	22.55	1.109	0.125	/
			1	24	Back Side	704	0.277	-3.83	23.5	23.46	1.009	0.280	20
NR Nand 5	20M	DFT_QPSK	25	0	Back Side	704	0.242	3.27	23	22.55	1.109	0.268	/
			1	24	Left Side	704	0.156	3.55	23.5	23.46	1.009	0.157	/
			25	0	Left Side	704	0.143	1.06	23	22.55	1.109	0.159	/
			1	24	Right Side	704	0.178	-1.54	23.5	23.46	1.009	0.180	/
			25	0	Right Side	704	0.166	0.82	23	22.55	1.109	0.184	/
			1	24	Bottom Side	704	0.241	2.56	23.5	23.46	1.009	0.243	/
			25	0	Bottom Side	704	0.222	3.39	23	22.55	1.109	0.246	/
			25	50	Front side	844	0.144	2.18	24	23.92	1.019	0.147	/
			104	1	Front side	844	0.136	2.05	24	23.76	1.057	0.144	/
NSA N78	100M	DFT_QPSK	25	50	Back Side	844	0.168	-3.82	24	23.92	1.019	0.171	22
			104	1	Back Side	844	0.158	-0.85	24	23.76	1.057	0.167	/
			25	50	Left Side	844	0.140	-3.66	24	23.92	1.019	0.143	/
			104	1	Left Side	844	0.122	-2.92	24	23.76	1.057	0.129	/
			25	50	Right Side	844	0.085	-0.25	24	23.92	1.019	0.087	/
			104	1	Right Side	844	0.093	1.09	24	23.76	1.057	0.098	/
			25	50	Bottom Side	844	0.100	-1.59	24	23.92	1.019	0.102	/
			104	1	Bottom Side	844	0.101	-0.33	24	23.76	1.057	0.107	/
			12	6	Front side	3600	0.202	-2.17	25	24.72	1.067	0.215	/
NSA N78	100M	DFT_QPSK	12	6	Back Side	3600	0.251	2.48	25	24.72	1.067	0.268	24
			12	6	Bottom Side	3600	0.179	-2.56	25	24.72	1.067	0.191	/
			12	6	Right Side	3600	0.214	-2.33	25	24.72	1.067	0.228	/



NSA

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 5	10M	QPSK	1	49	Front side	829	0.249	-1.82	23	22.89	1.026	0.255	/
			25	24	Front side	829	0.224	-0.36	22.5	22.02	1.117	0.250	/
			1	49	Back Side	829	0.486	-0.63	23	22.89	1.026	0.498	16
			1	49	Back Side	836.5	0.436	0.06	23	22.44	1.138	0.496	/
			1	49	Back Side	844	0.409	-3.22	23	22.26	1.186	0.485	/
			25	24	Back Side	829	0.443	-3.15	22.5	22.02	1.117	0.495	/
			1	49	Left Side	829	0.263	-2.18	23	22.89	1.026	0.270	/
			25	24	Left Side	829	0.238	-1.65	22.5	22.02	1.117	0.266	/
			1	49	Right Side	829	0.277	-0.60	23	22.89	1.026	0.284	/
			25	24	Right Side	829	0.253	-2.21	22.5	22.02	1.117	0.283	/
			1	49	Bottom Side	829	0.378	-0.23	23	22.89	1.026	0.388	/
			25	24	Bottom Side	829	0.361	0.25	22.5	22.02	1.117	0.403	/
NSA N78	100M	DFT_QPSK	12	6	Front side	3600	0.202	-2.17	25	24.72	1.067	0.215	/
			12	6	Back Side	3600	0.251	2.48	25	24.72	1.067	0.268	24
			12	6	Left Side	3600	0.179	-2.56	25	24.72	1.067	0.191	/
			12	6	Right Side	3600	0.214	-2.33	25	24.72	1.067	0.228	/

Body	Band	Mode	Max SAR(W/Kg)	NSA N78+B5
	NSA N78+B5	NSA N78	0.268	0.763
		LTE B5	0.495	

Note:

- The test separation of all above table is 10mm.
- Per KDB 447498 D04, 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 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Head	1. GSM + 2.4GHz/5G WLAN
	2. GSM + Bluetooth
	3. GSM + SA/NSA
	4. GSM + NFC
	5. WCDMA + 2.4GHz/5G WLAN
	6. WCDMA + Bluetooth
	7. WCDMA + SA/NSA
	8. WCDMA + NFC
	9. LTE + 2.4GHz/5G WLAN
	10. LTE + Bluetooth
	11. LTE + SA/NSA
	12. LTE + NFC
	13+ SA/NSA
	14+ 2.4GHz/5G WLAN
Body	1. GSM + 2.4GHz/5G WLAN
	2. GSM + Bluetooth
	3. GSM + SA/NSA
	4. GSM + NFC
	5. WCDMA + 2.4GHz/5G WLAN
	6. WCDMA + Bluetooth
	7. WCDMA + SA/NSA
	8. WCDMA + NFC
	9. LTE + 2.4GHz/5G WLAN
	10. LTE + Bluetooth
	11. LTE + SA/NSA
	12. LTE + NFC
	13+ SA/NSA
	14+ 2.4GHz/5G WLAN

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) (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f (GHz) /x] W/kg for test separation distances ≤ 50 mm; Where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR. b) 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is >50mm.

Estimated SAR		Maximum Average Power		Dis.	Frequency (GHz)	Stand alone SAR(1g) [W/kg]
		dBm	mW			
BT	Head	2.5	1.778	5	2.48	0.560
	Body			10	2.48	0.280

Estimated SAR		Maximum Average Power		Dis.	Frequency(GHz)	Stand alone SAR(1g) [W/kg]
		dBm	mW			
NFC	Head	-41	0.000	5	2.402	0.000
	Body			10	2.402	0.000

Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Head	GSM	0.228	0.571
		2.4G WLAN	0.343	
	Body	GSM	0.198	0.552
		2.4G WLAN	0.354	
GSM + Bluetooth	Head	GSM	0.228	0.788
		Bluetooth	0.560	
	Body	GSM	0.198	0.478
		Bluetooth	0.280	
GSM + 5G WLAN	Head	GSM	0.228	0.579
		5G WLAN	0.351	
	Body	GSM	0.198	0.338
		5G WLAN	0.140	
GSM +NFC	Head	GSM	0.228	0.228
		NFC	0.000	
	Body	GSM	0.198	0.198
		NFC	0.000	
WCDMA + 2.4G WLAN	Head	WCDMA	0.159	0.502
		2.4G WLAN	0.343	
	Body	WCDMA	0.478	0.832
		2.4G WLAN	0.354	



WCDMA + Bluetooth	Head	WCDMA	0.159	0.719
		Bluetooth	0.560	
	Body	WCDMA	0.478	0.758
		Bluetooth	0.280	
WCDMA + 5G WLAN	Head	WCDMA	0.159	0.510
		5G WLAN	0.351	
	Body	WCDMA	0.478	0.618
		5G WLAN	0.140	
WCDMA +NFC	Head	WCDMA	0.159	0.159
		NFC	0.000	
	Body	WCDMA	0.478	0.478
		NFC	0.000	
LTE + 2.4G WLAN	Head	LTE	0.443	0.786
		2.4G WLAN	0.343	
	Body	LTE	0.498	0.852
		2.4G WLAN	0.354	
LTE + Bluetooth	Head	LTE	0.443	1.003
		Bluetooth	0.560	
	Body	LTE	0.498	0.778
		Bluetooth	0.280	
LTE + 5G WLAN	Head	LTE	0.443	0.794
		5G WLAN	0.351	
	Body	LTE	0.498	0.638
		5G WLAN	0.140	
LTE +NFC	Head	LTE	0.443	0.443
		NFC	0.000	
	Body	LTE	0.498	0.498
		NFC	0.000	
SA+ 2.4G WLAN	Head	SA	0.271	0.614
		2.4G WLAN	0.343	
	Body	SA	0.256	0.610
		2.4G WLAN	0.354	
SA + 5G WLAN	Head	SA	0.271	0.622
		5G WLAN	0.351	
	Body	SA	0.256	0.396
		5G WLAN	0.140	



SA + BT	Head	SA	0.271	0.831
		BT	0.560	
	Body	SA	0.256	0.536
		BT	0.280	
SA +NFC	Head	SA	0.271	0.271
		NFC	0.000	
	Body	SA	0.256	0.256
		NFC	0.000	
NSA+ 2.4G WLAN	Head	NSA	0.460	0.803
		2.4G WLAN	0.343	
	Body	NSA	0.762	1.116
		2.4G WLAN	0.354	
NSA + 5G WLAN	Head	NSA	0.460	0.811
		5G WLAN	0.351	
	Body	NSA	0.762	0.902
		5G WLAN	0.140	
NSA + BT	Head	NSA	0.271	0.831
		BT	0.560	
	Body	NSA	0.256	0.536
		BT	0.280	
NSA + NFC	Head	NSA	0.271	0.271
		NFC	0.000	
	Body	NSA	0.256	0.256
		NFC	0.000	
NFC+2.4G WLAN	Head	2.4G WLAN	0.343	0.343
		NFC	0.000	
	Body	2.4G WLAN	0.354	0.354
		NFC	0.000	
NFC+5G WLAN	Head	5G WLAN	0.460	0.460
		NFC	0.000	
	Body	5G WLAN	0.762	0.762
		NFC	0.000	

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	SID750	SN 30/14 DIP0G750-331	2023.07.04	2026.07.03
835MHz Dipole	MVG	SID835	SN 30/14 DIP0G835-332	2023.07.04	2026.07.03
1800MHz Dipole	MVG	SID1800	5023-DIP1G800-747	2023.12.20	2026.12.19
1900MHz Dipole	MVG	SID1900	SN 30/14 DIP1G900-333	2023.09.14	2026.09.13
2450MHzDipole	MVG	SID2450	SN 30/14 DIP2G450-335	2023.07.04	2026.07.03
2600MHz Dipole	MVG	SID2600	SN 30/14 DIP2G600-336	2023.07.04	2026.07.03
3500MHz Dipole	MVG	SID3500	SN 08/21 DIP3G 500-553	2024-02-14	2027-02-13
E-Field Probe	MVG	SSE2	SN 08/21 EPOG352	2024.09.18	2025.09.17
Dielectric Probe Kit	MVG	SCLMP	SN 32/14 OCPG67	2024.09.18	2025.09.17
Antenna	MVG	ANTA3	SN 07/13 ZNTA52	N/A	N/A
Phantom1	MVG	SAM	SN 32/14 SAM115	N/A	N/A
Phantom3	MVG	SAM	SN 21/21 ELLI48	N/A	N/A
Phone holder	MVG	N/A	SN 32/14 MSH97	N/A	N/A
Laptop holder	MVG	N/A	SN 32/14 LSH29	N/A	N/A
Attenuator	Agilent	HXT-10-8-SMA	240327017	2025-02-22	2026-02-21
Directional coupler	Xi'an Xingbo	XBOH-OA08-20dB	211123-4-3	2025-02-22	2026-02-21
Network Analyzer	Agilent	E5071C	MY46520378	2024-09-25	2025-09-26
Multi Meter	Keithley	Multi Meter 2000	4050073	2024-09-25	2025-09-26
Signal Generator	Agilent	N5182A	MY50140530	2024-09-25	2025-09-26
Wireless Communication Test Set	Agilent	8960-E5515C	MY48360751	2025-02-22	2026-02-21
Wireless Communication Test Set	R&S	CMW500	156324	2024-09-25	2025-09-26
Power Amplifier	DESAY	ZHL-42W	9638	2024-09-25	2025-09-26
Power Meter	R&S	NRP	100510	2024-09-25	2025-09-26
Power Sensor	R&S	NRP-Z11	101919	2024-09-25	2025-09-26
Power Sensor	Keysight	U2021XA	MY56280002	2024-09-25	2025-09-26
Temperature hygrometer	SuWei	SW-108	N/A	2024.10.15	2025.10.14
Thermograph	Elitech	RC-4	S/N EF7176501537	2024.10.15	2025.10.14



Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

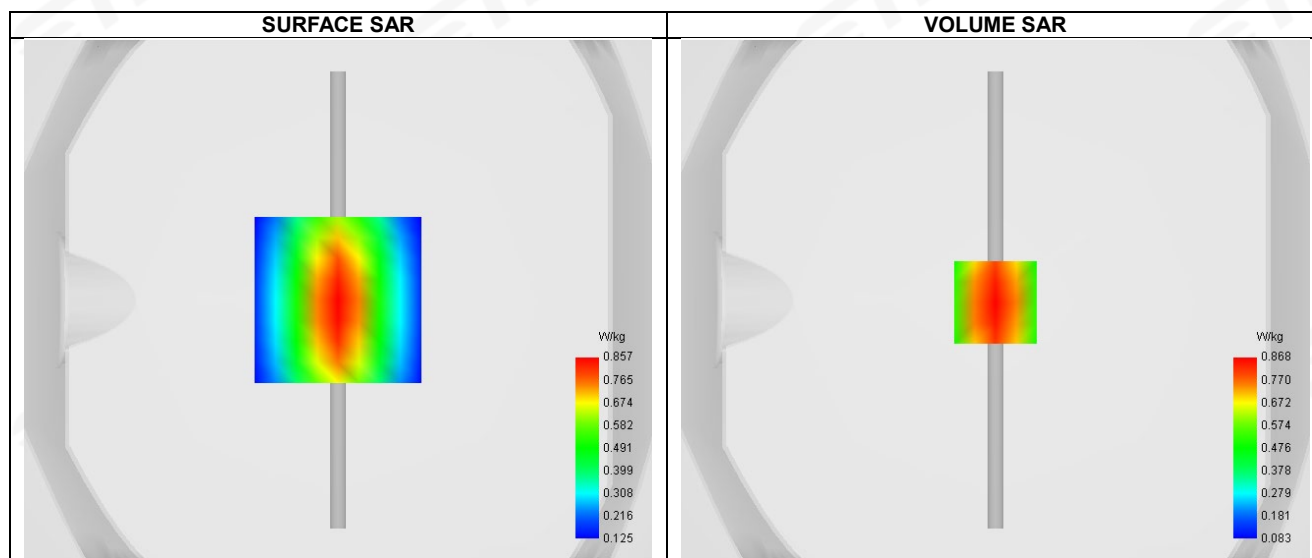
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-08-11

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	750MHz
Channels	Middle
Signal	CW
Frequency (MHz)	750MHz
Relative permittivity	42.26
Conductivity (S/m)	0.86
Probe	SN 08/21 EPG0352
ConvF	1.56
Crest factor	1:1



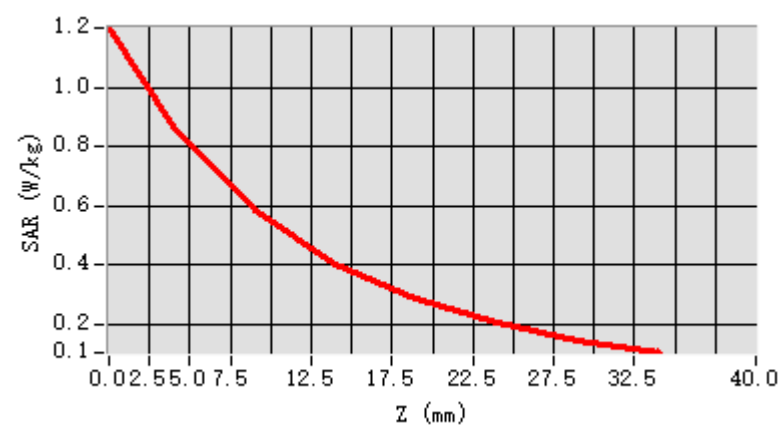
Maximum location: X=0.00, Y=-1.00 ; SAR Peak: 1.19 W/kg

D. SAR 1g & 10g

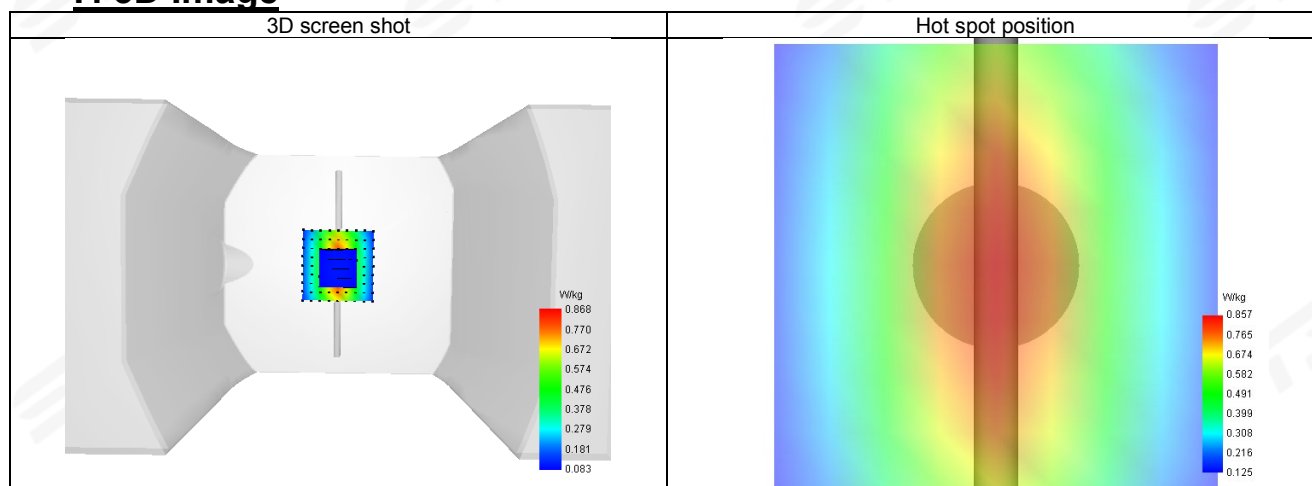
SAR 10g (W/Kg)	0.546
SAR 1g (W/Kg)	0.815
Horizontal validation criteria: minimum distance (mm)	11.3142510
Vertical validation criteria: SAR ratio M2/M1 (%)	67.281220

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.199	0.868	0.584	0.405	0.285	0.203	0.146



F. 3D Image



**System Performance Check Data (835MHz)**

Type: Phone measurement (Complete)

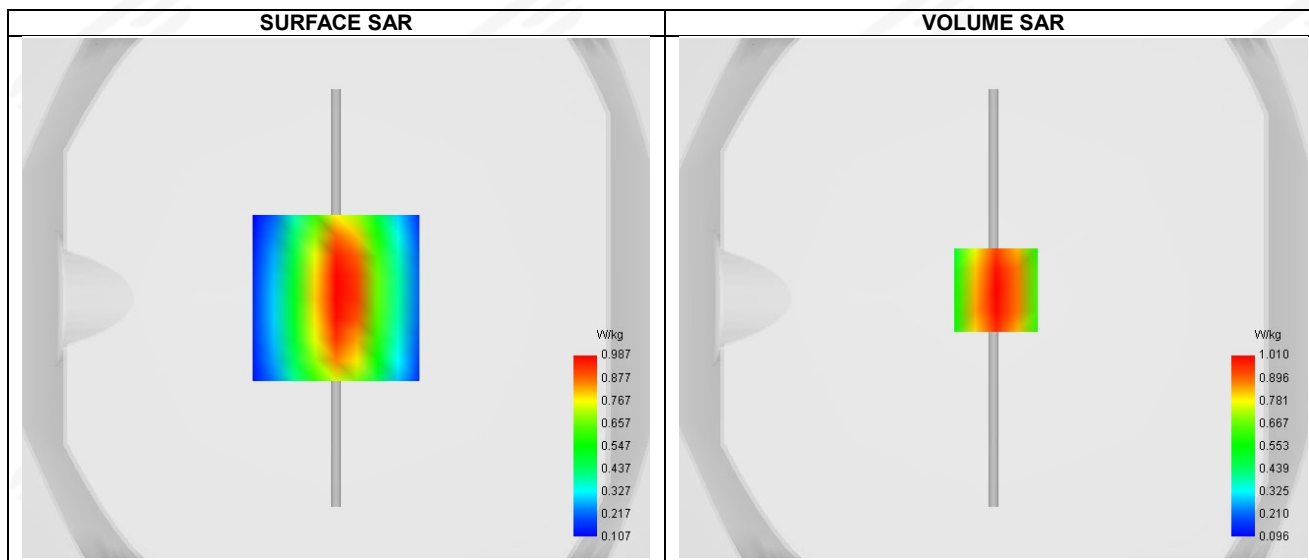
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-08-12

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW
Frequency (MHz)	835MHz
Relative permittivity	41.42
Conductivity (S/m)	0.91
Probe	SN 08/21 EPGO352
ConvF	1.44
Crest factor:	1:1



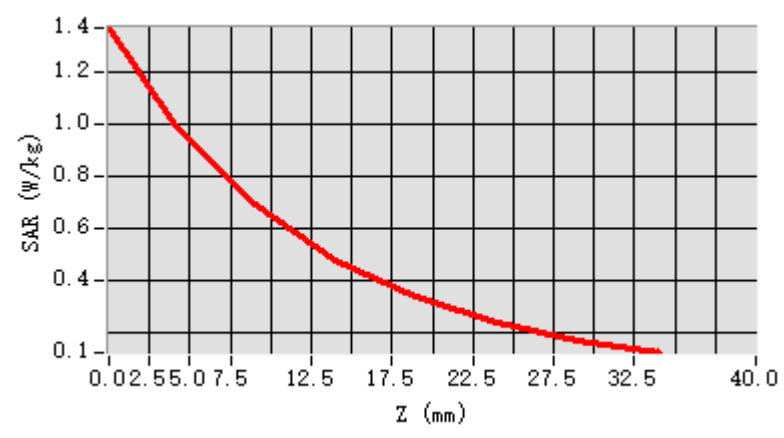
Maximum location: X=1.00, Y=3.00 ; SAR Peak: 1.37 W/kg

D. SAR 1g & 10g

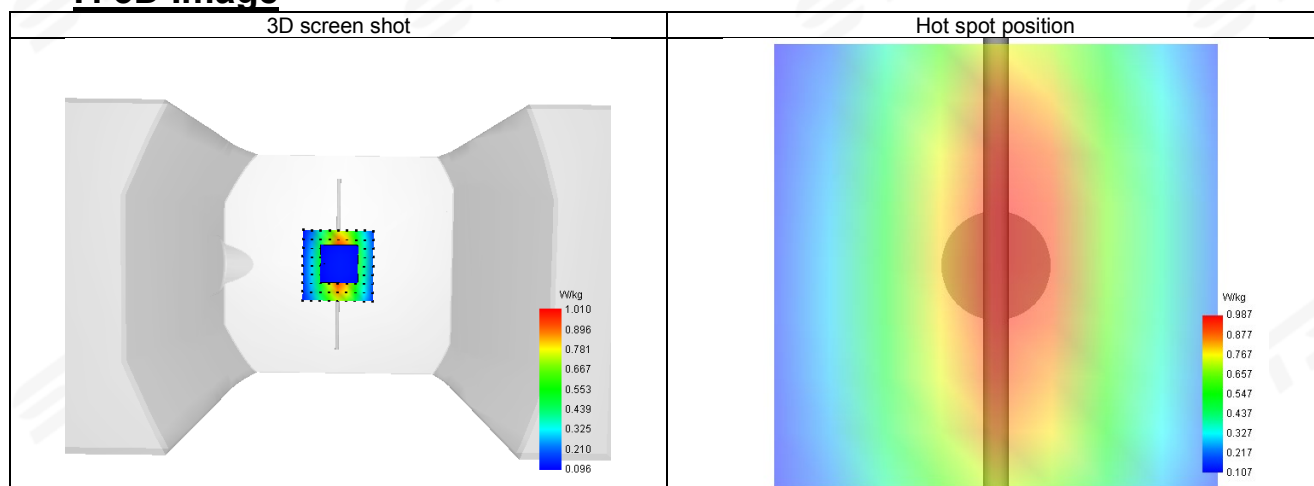
SAR 10g (W/Kg)	0.585
SAR 1g (W/Kg)	0.935
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.483472

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.372	1.010	0.692	0.483	0.341	0.243	0.176



F. 3D Image



**System Performance Check Data(1800MHz)**

Type: Phone measurement (Complete)

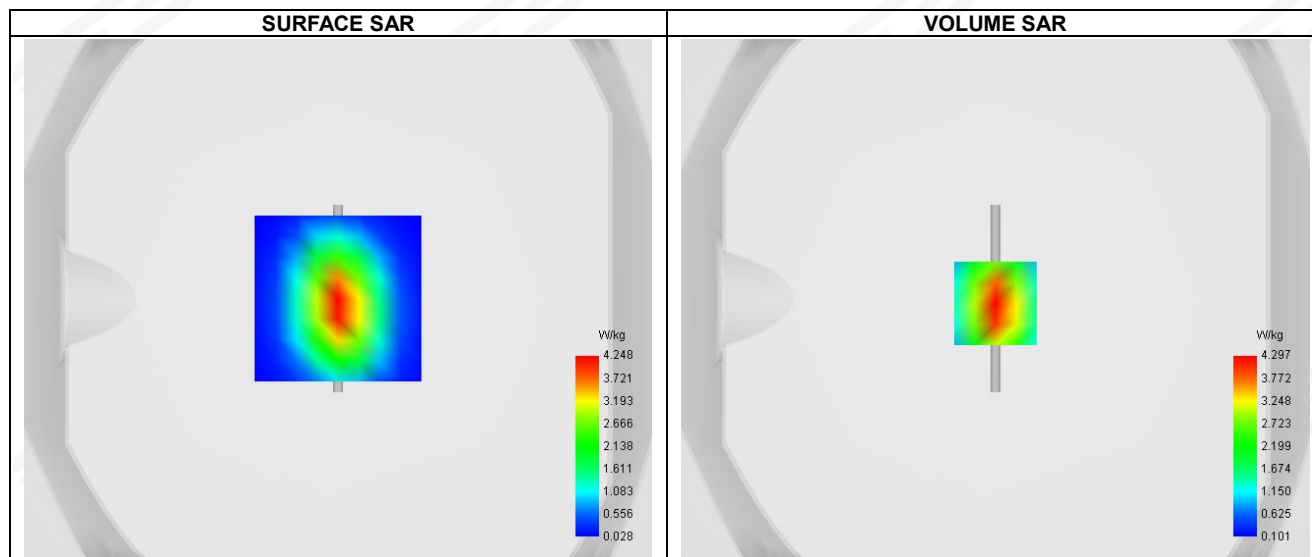
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-08-13

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1800MHz
Relative permittivity	39.97
Conductivity (S/m)	1.46
Probe	SN 08/21 EPGO352
ConvF	1.58
Crest factor:	1:1



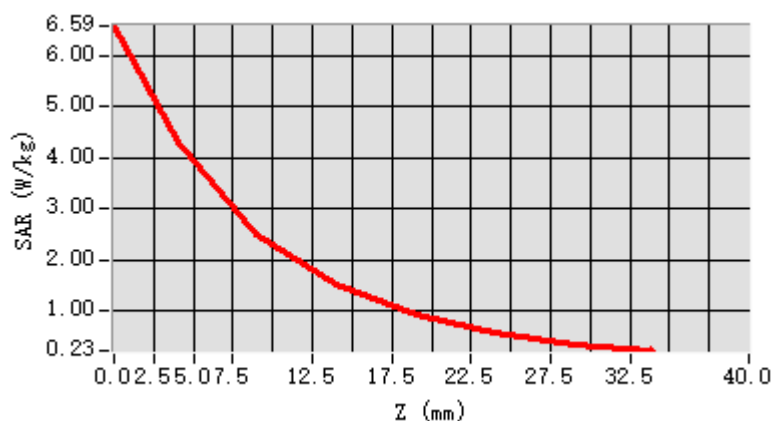
Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 6.55 W/kg

D. SAR 1g & 10g

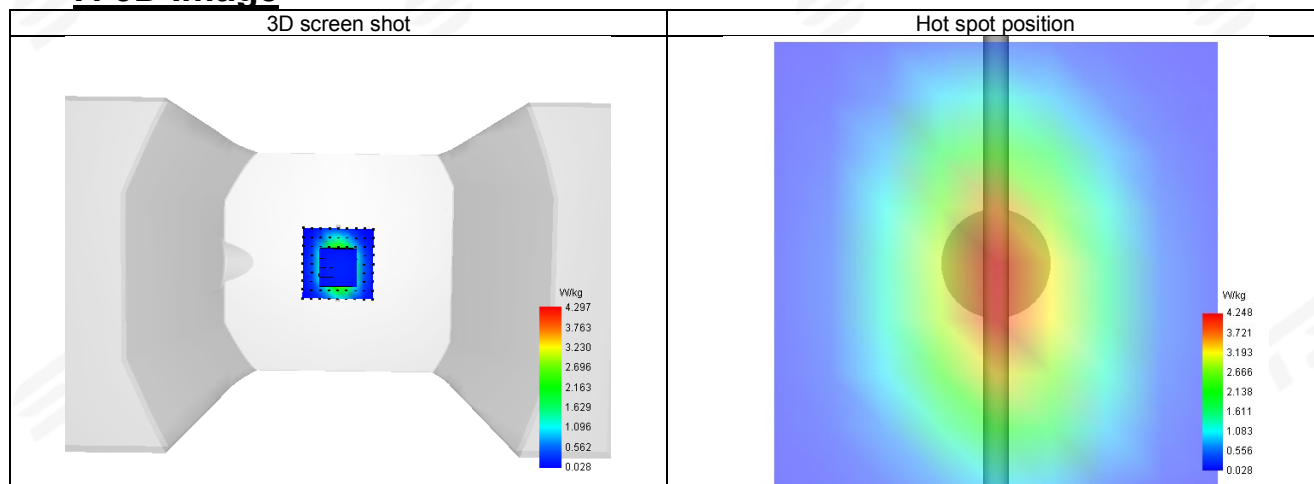
SAR 10g (W/Kg)	1.849
SAR 1g (W/Kg)	3.475
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.081624

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.587	4.297	2.496	1.510	0.931	0.572	0.357



F. 3D Image



**System Performance Check Data (1900MHz)**

Type: Phone measurement (Complete)

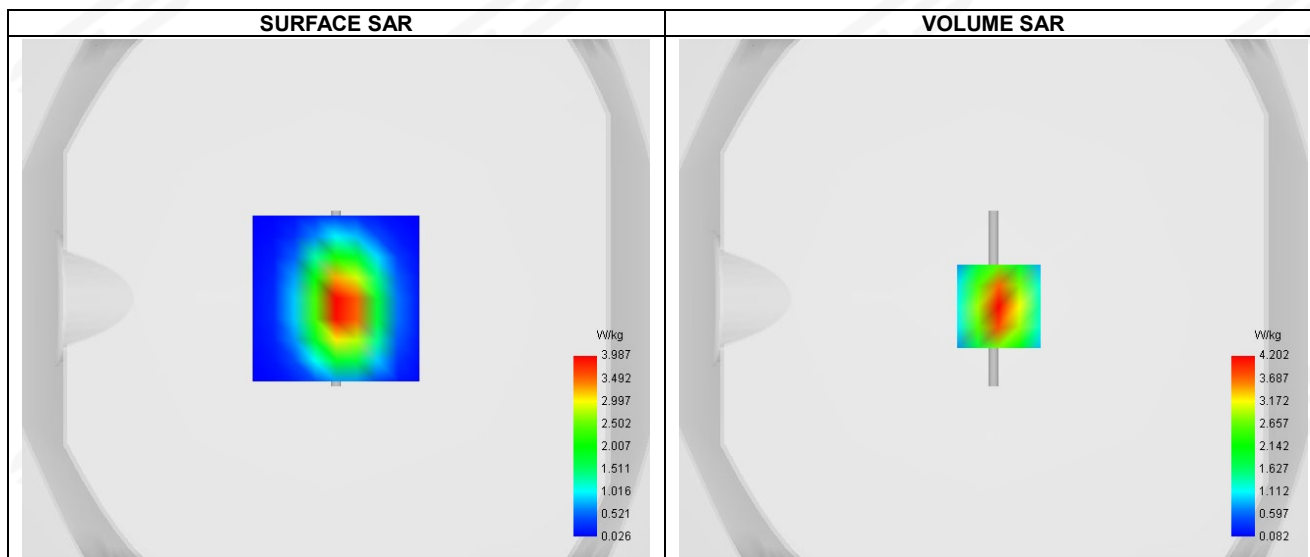
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-08-15

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1900MHz
Relative permittivity	39.84
Conductivity (S/m)	1.42
Probe	SN 08/21 EPGO352
ConvF	1.72
Crest factor:	1:1



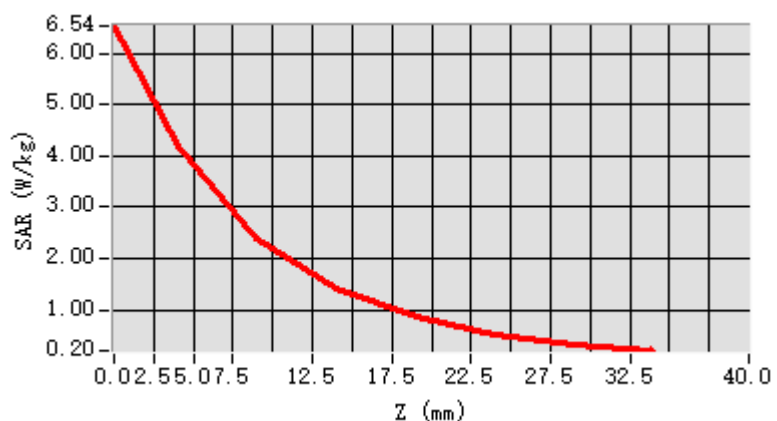
Maximum location: X=2.00, Y=-3.00 ; SAR Peak: 6.49 W/kg

D. SAR 1g & 10g

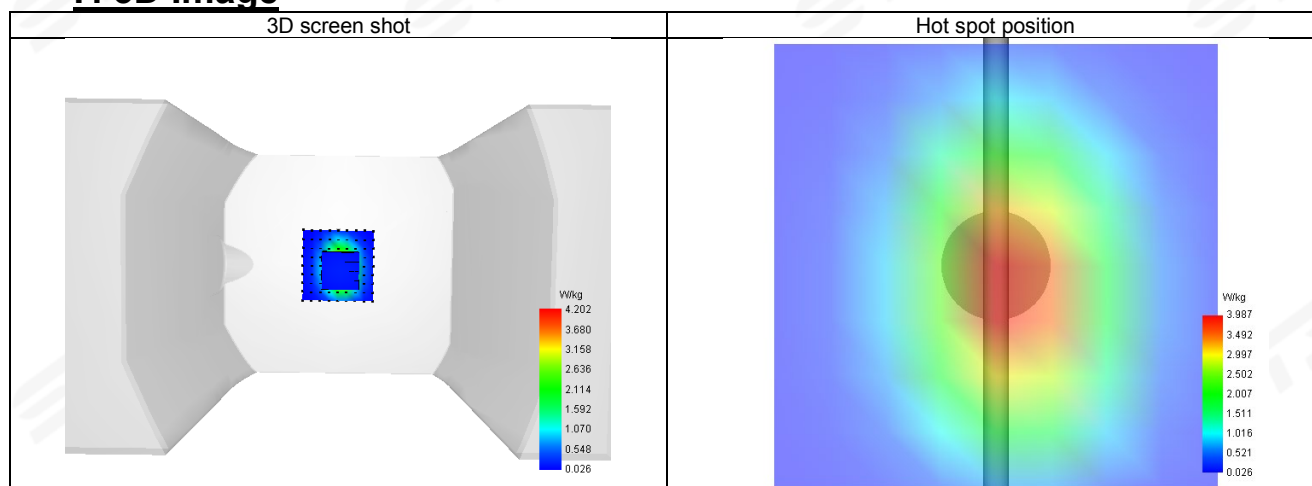
SAR 10g (W/Kg)	1.999
SAR 1g (W/Kg)	3.816
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.860342

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.539	4.202	2.389	1.420	0.862	0.525	0.321



F. 3D Image



**System Performance Check Data (2450MHz)**

Type: Phone measurement (Complete)

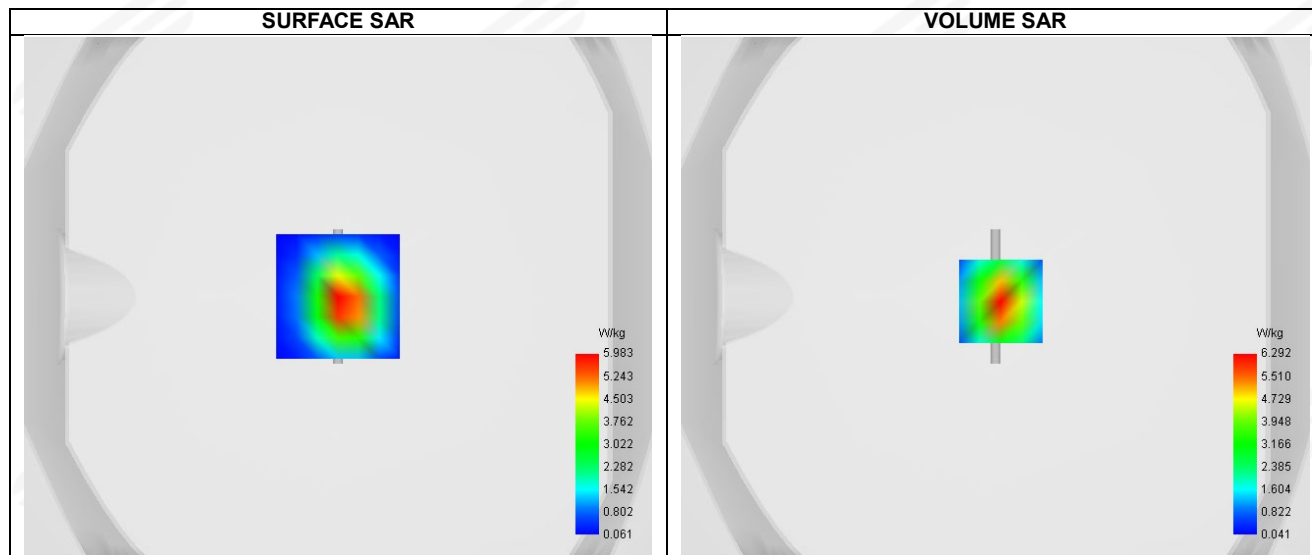
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-08-16

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2450
Relative permittivity	39.57
Conductivity (S/m)	1.78
Probe	SN 08/21 EPGO352
ConvF	1.80
Crest factor:	1:1



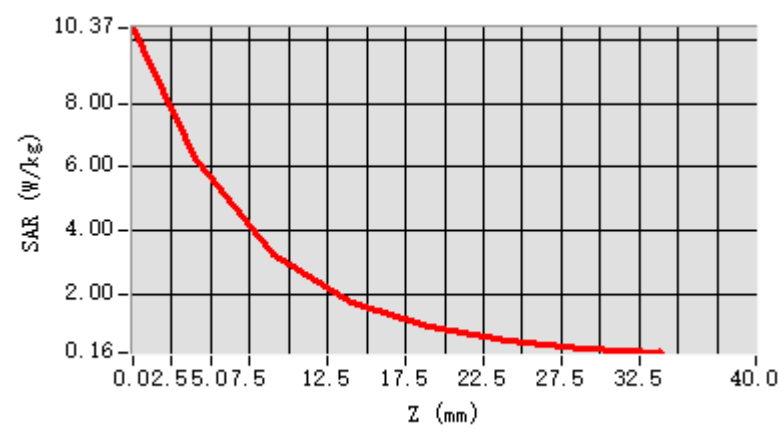
Maximum location: X=2.00, Y=-2.00 ; SAR Peak: 10.29 W/kg

D. SAR 1g & 10g

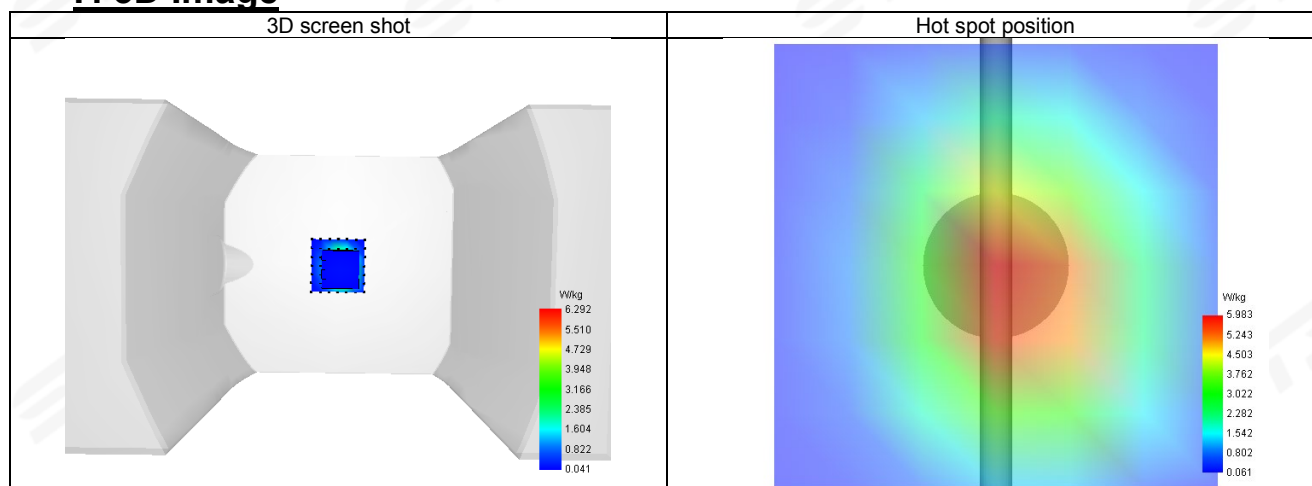
SAR 10g (W/Kg)	2.393
SAR 1g (W/Kg)	5.400
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.545439

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.371	6.292	3.243	1.745	0.949	0.520	0.285



F. 3D Image



**System Performance Check Data(2600MHz)**

Type: Phone measurement (Complete)

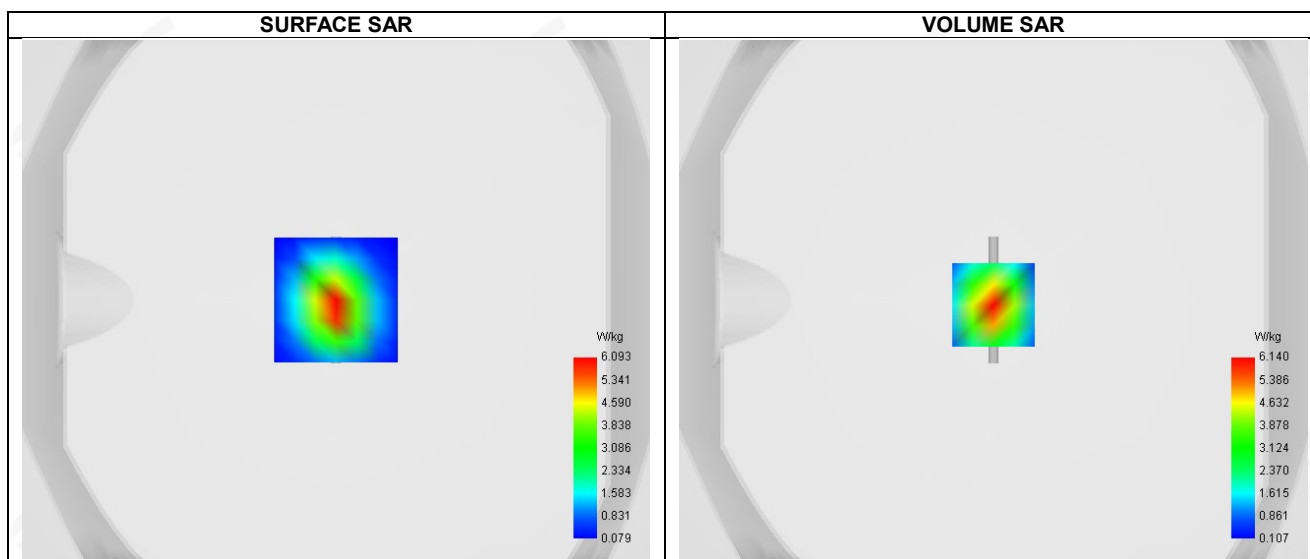
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-08-16

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2600
Relative permittivity	39.69
Conductivity (S/m)	1.97
Probe	SN 08/21 EPGO352
ConvF	1.74
Crest factor:	1:1



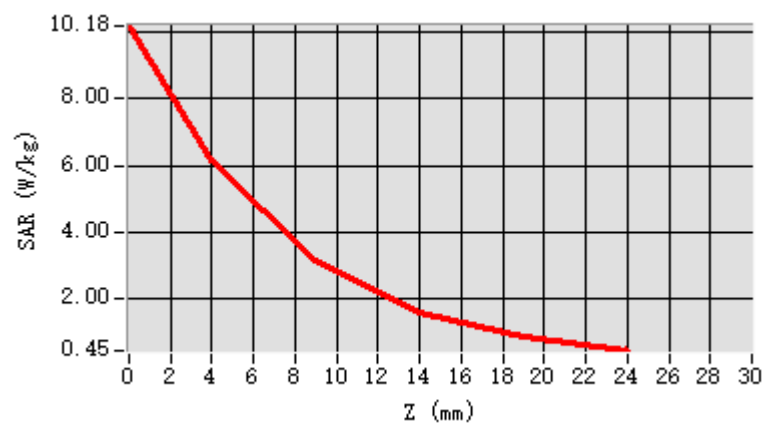
Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 10.18 W/kg

D. SAR 1g & 10g

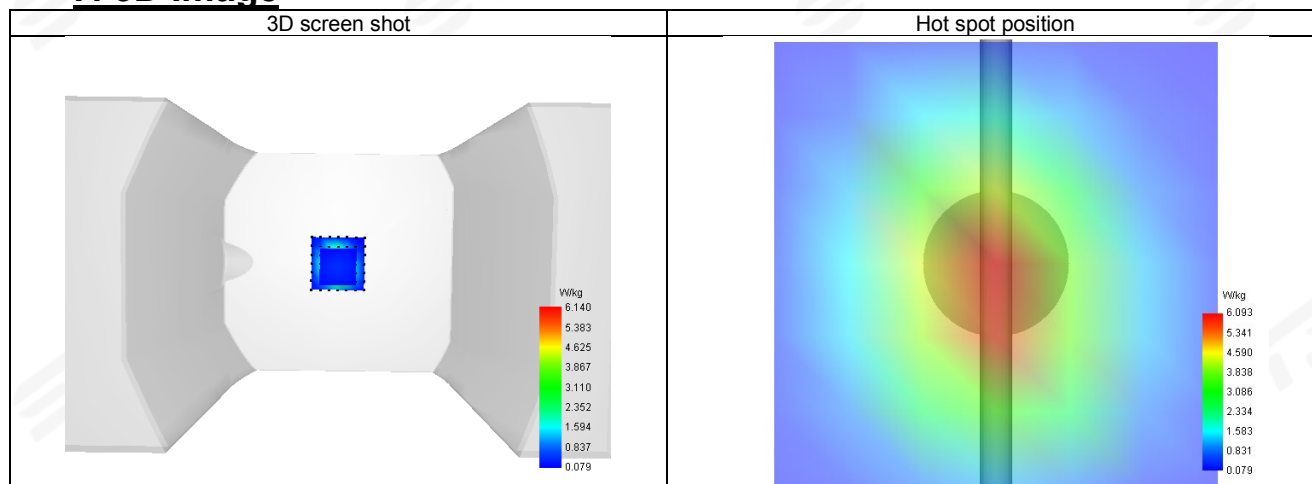
SAR 10g (W/Kg)	2.319
SAR 1g (W/Kg)	5.561
Horizontal validation criteria: minimum distance (mm)	12.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	50.941204

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	10.184	6.140	3.128	1.587	0.853



F. 3D Image



**System Performance Check Data(3500MHz)**

Type: Phone measurement (Complete)

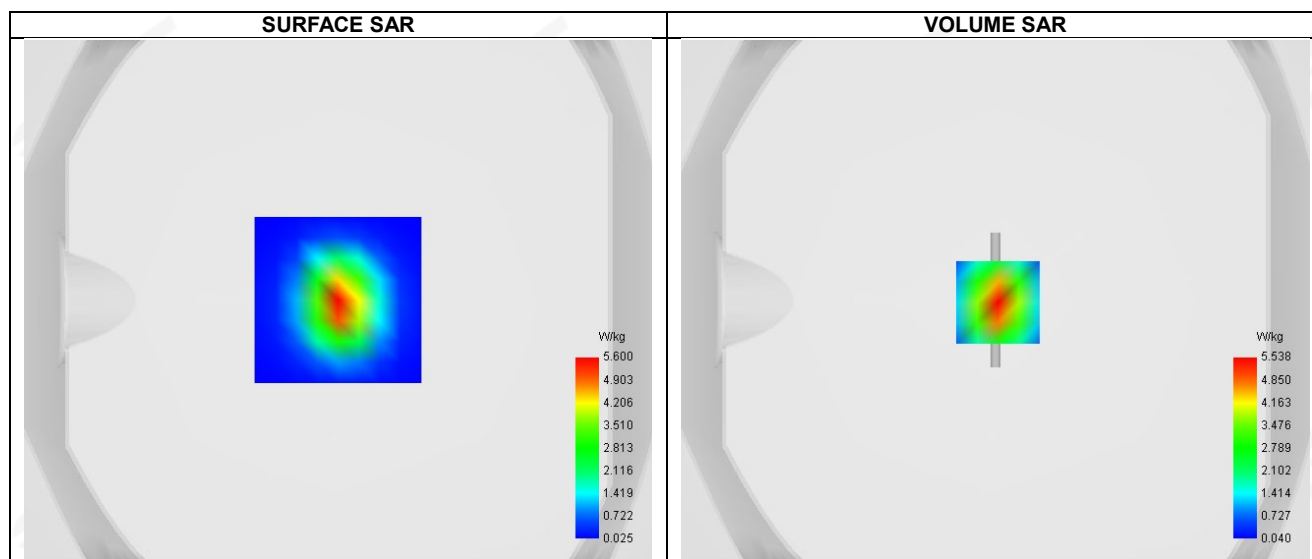
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-08-17

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	3500MHz
Channels	Middle
Signal	CW
Frequency (MHz)	3500
Relative permittivity	38.32
Conductivity (S/m)	2.92
Probe	SN 08/21 EPGO352
ConvF	1.46
Crest factor:	1:1



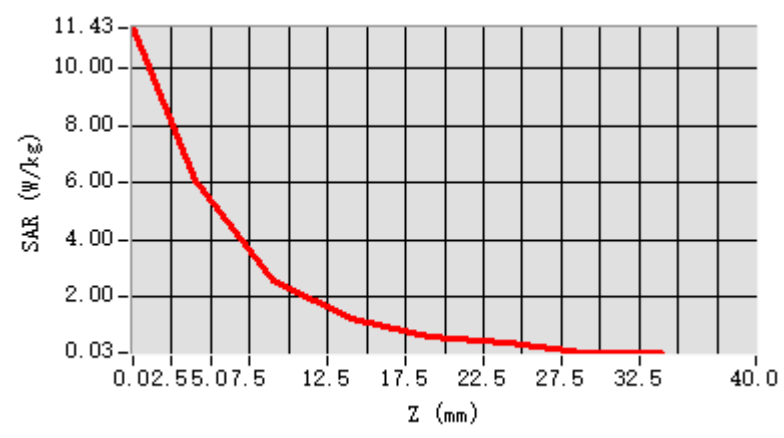
Maximum location: X=5.00, Y=5.00 ; SAR Peak: 12.85 W/kg

D. SAR 1g & 10g

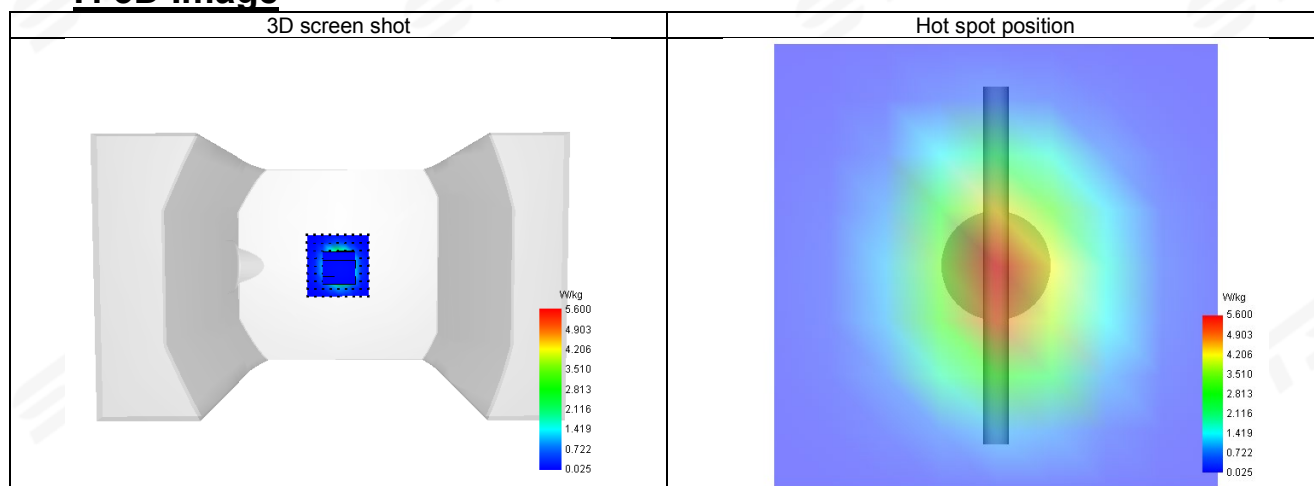
SAR 10g (W/Kg)	2.384
SAR 1g (W/Kg)	6.716
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	50.940473

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	11.433	6.074	2.546	1.231	0.570	0.393	0.043



F. 3D Image



**System Performance Check Data (5200MHz)**

Type: Dipole measurement (Complete)

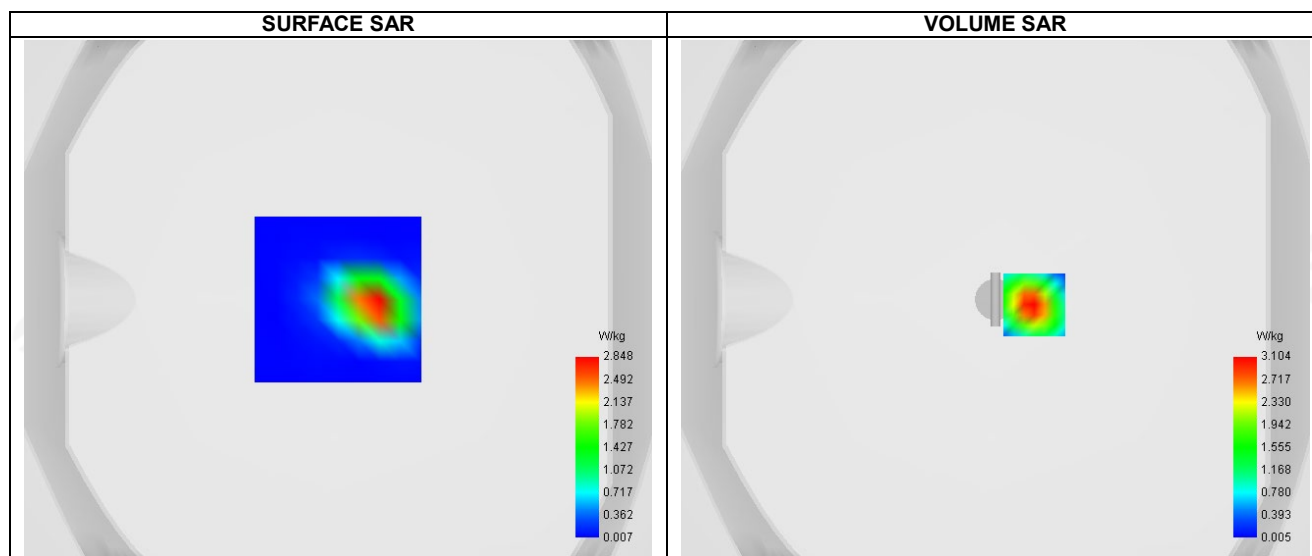
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-08-19

Experimental conditions.

Device Position	Validation plane
Band	5200 MHz
Channels	-
Signal	CW
Frequency (MHz)	5200
Relative permittivity	35.99
Conductivity (S/m)	4.62
Probe	SN 08/21 EPGO352
ConvF	1.33
Crest factor:	1:1



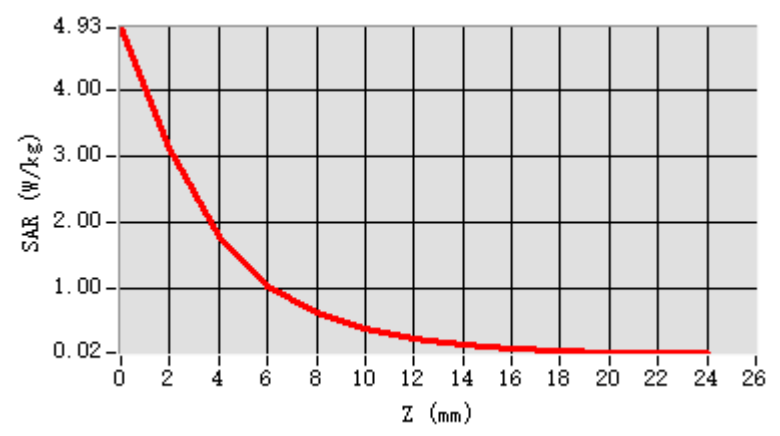
Maximum location: X=15.00, Y=-2.00 ; SAR Peak: 5.23 W/kg

D. SAR 1g & 10g

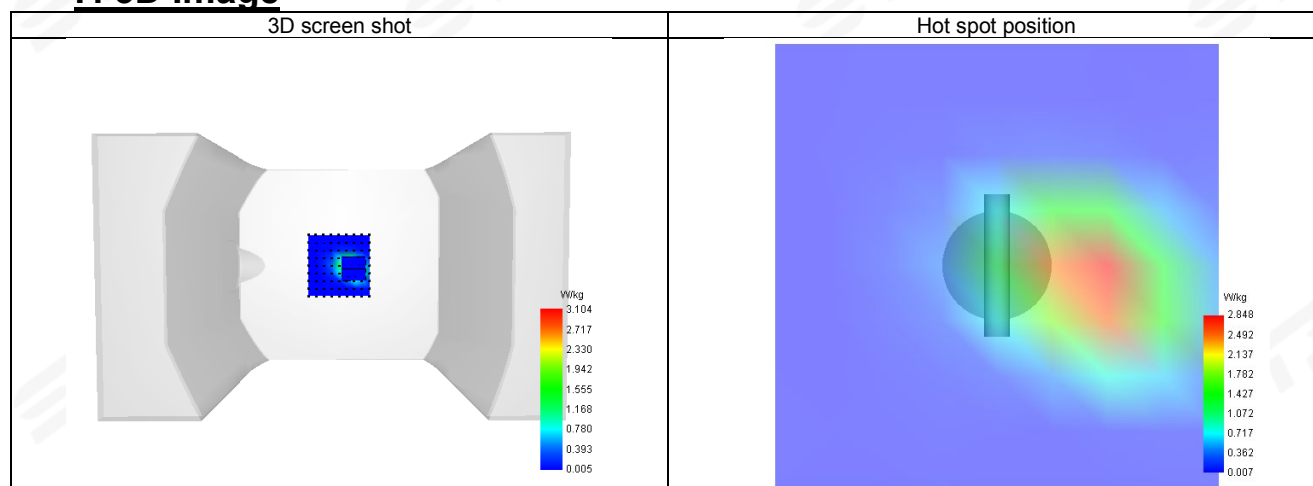
SAR 10g (W/Kg)	0.540
SAR 1g (W/Kg)	1.592
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	57.081503

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR (W/Kg)	4.934	3.104	1.772	1.026	0.635	0.377	0.224	0.133	0.079	0.047	0.028	0.016	0.009



F. 3D Image



System Performance Check Data (5800MHz)

Type: Dipole measurement (Complete)

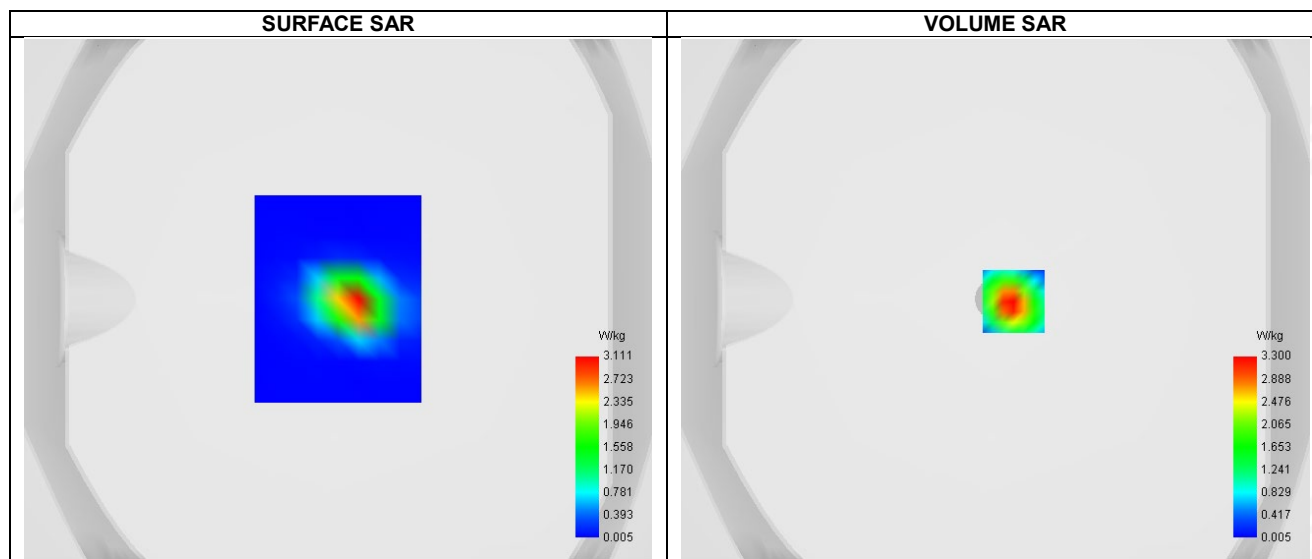
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-08-19

Experimental conditions.

Device Position	Validation plane
Band	5800 MHz
Channels	-
Signal	CW
Frequency (MHz)	5800
Relative permittivity	36.32
Conductivity (S/m)	5.24
Probe	SN 08/21 EPGO352
ConvF	1.35
Crest factor:	1:1



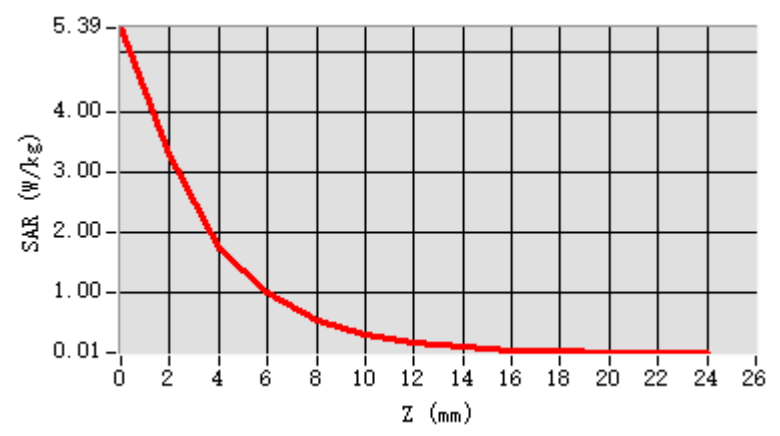
Maximum location: X=7.00, Y=-1.00 ; SAR Peak: 5.88 W/kg

D. SAR 1g & 10g

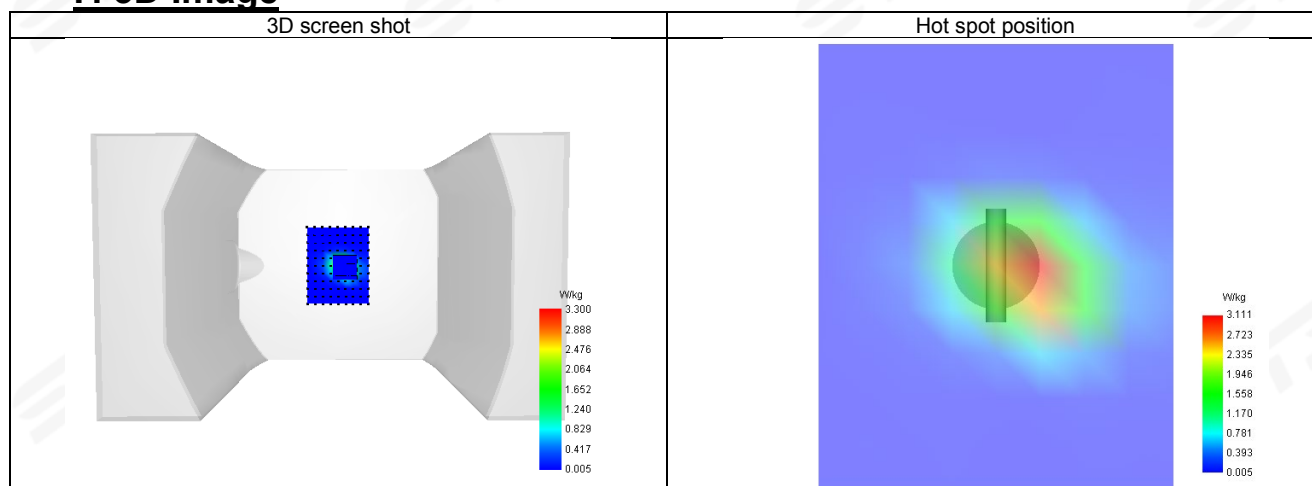
SAR 10g (W/Kg)	0.602
SAR 1g (W/Kg)	1.781
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	52.971443

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR (W/Kg)	5.394	3.300	1.748	0.994	0.549	0.303	0.168	0.093	0.051	0.028	0.016	0.009	0.005



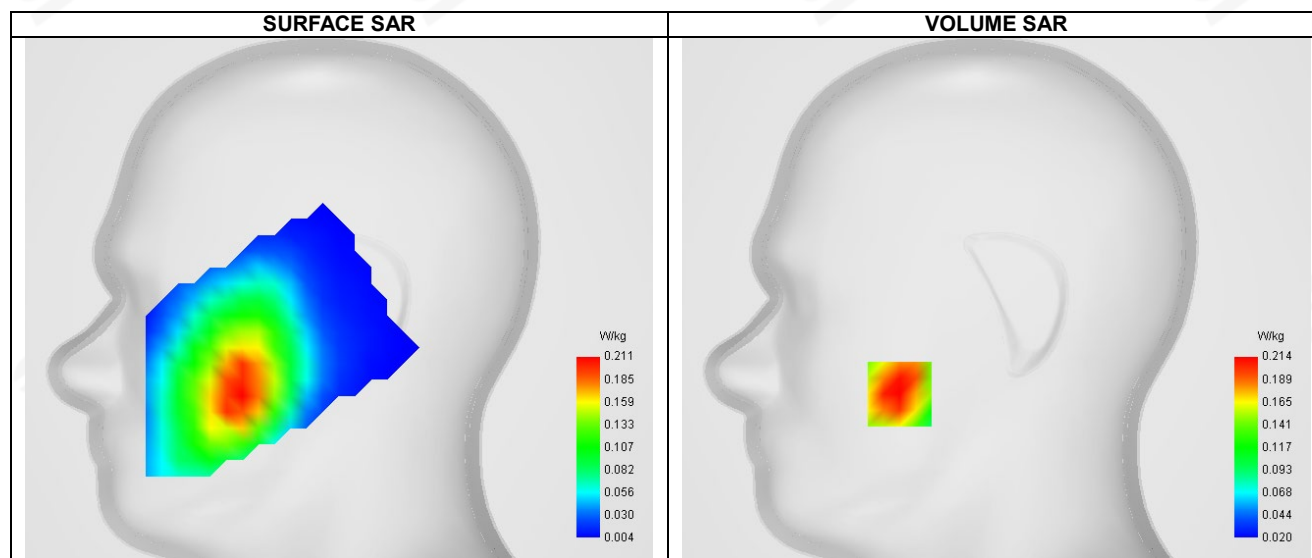
F. 3D Image



Appendix B. SAR Test Plots

Plot 1: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	824.2
Relative permittivity (real part)	40.93
Conductivity (S/m)	0.90



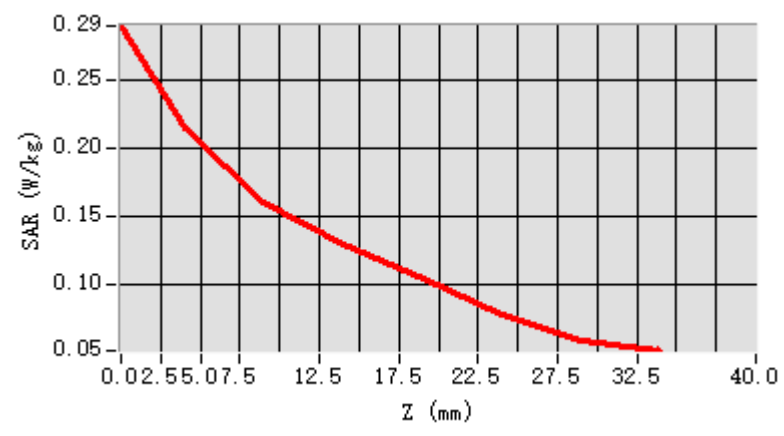
Maximum location: X=-48.00, Y=-47.00 ; SAR Peak: 0.29 W/kg

D. SAR 1g & 10g

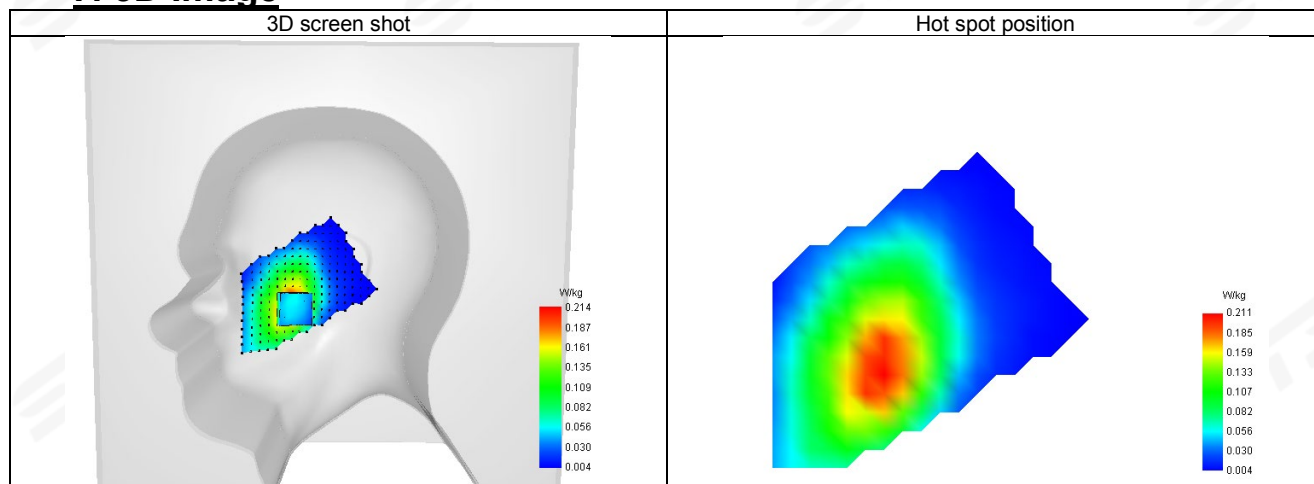
SAR 10g (W/Kg)	0.150
SAR 1g (W/Kg)	0.212
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	80.770737

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.289	0.214	0.160	0.130	0.106	0.079	0.060

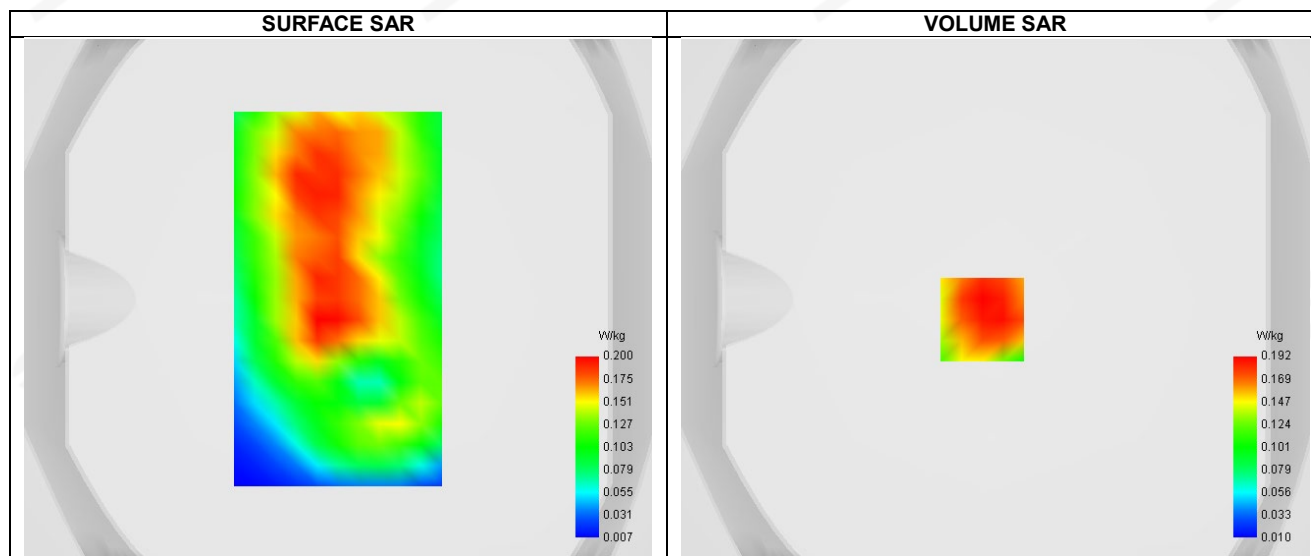


F. 3D Image



Plot 2: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	824.2
Relative permittivity (real part)	40.93
Conductivity (S/m)	0.90



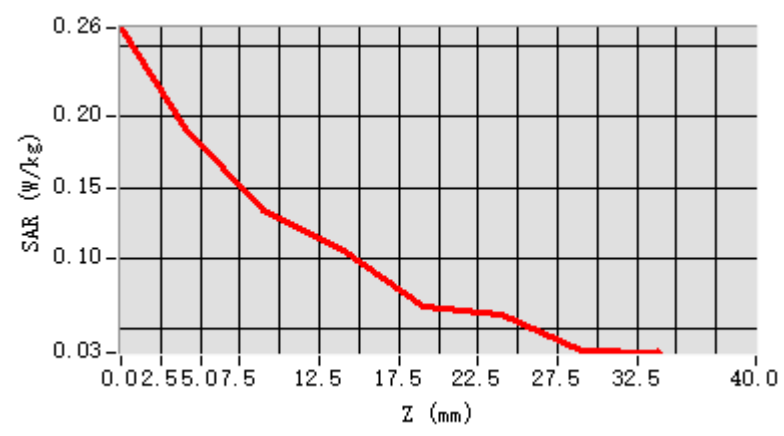
Maximum location: X=-5.00, Y=-8.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

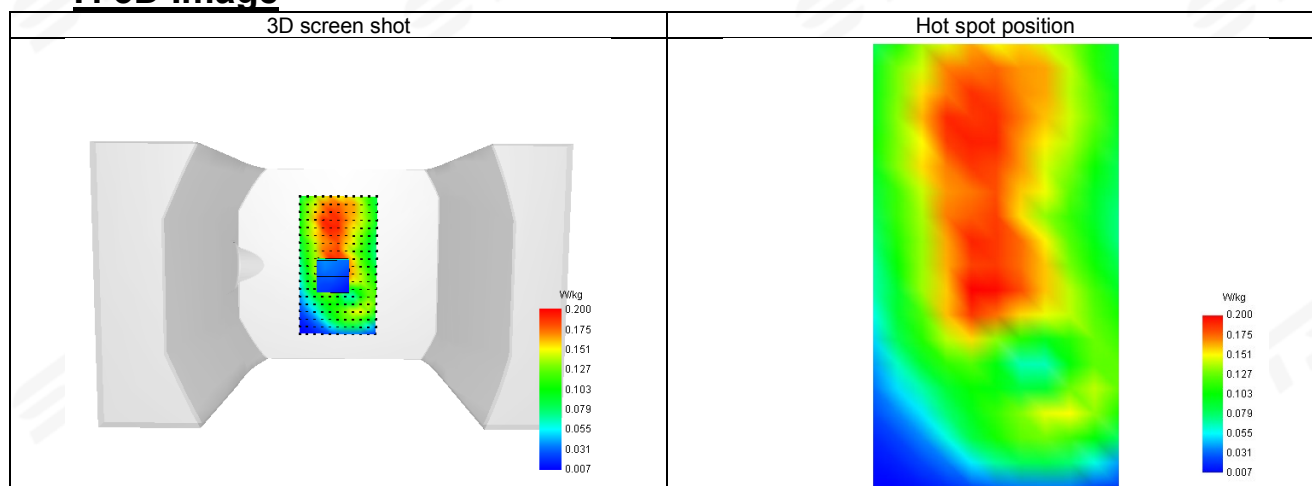
SAR 10g (W/Kg)	0.121
SAR 1g (W/Kg)	0.184
Horizontal validation criteria: minimum distance (mm)	11.025140
Vertical validation criteria: SAR ratio M2/M1 (%)	59.663102

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.263	0.192	0.133	0.106	0.066	0.060	0.034

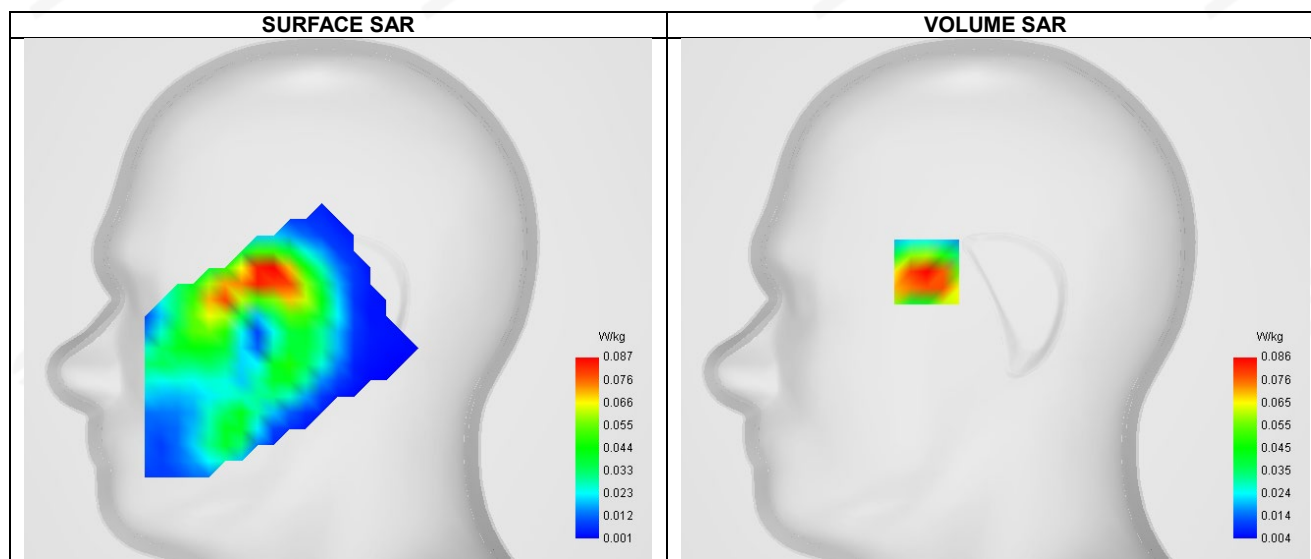


F. 3D Image



Plot 3: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-15
ConvF	1.72
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.70
Conductivity (S/m)	1.38



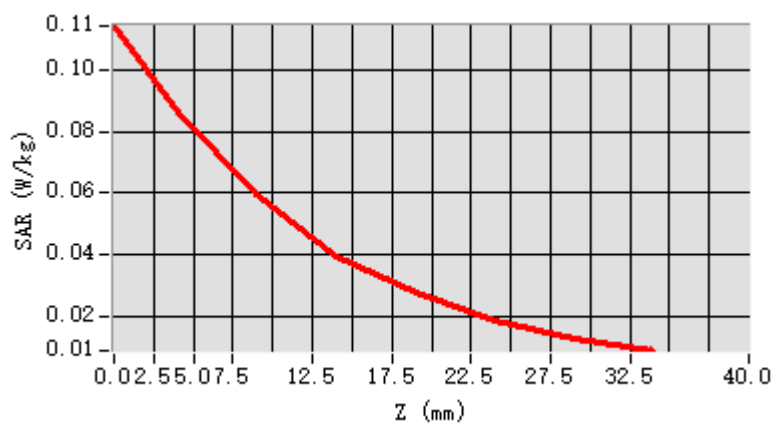
Maximum location: X=-34.00, Y=14.00 ; SAR Peak: 0.12 W/kg

D. SAR 1g & 10g

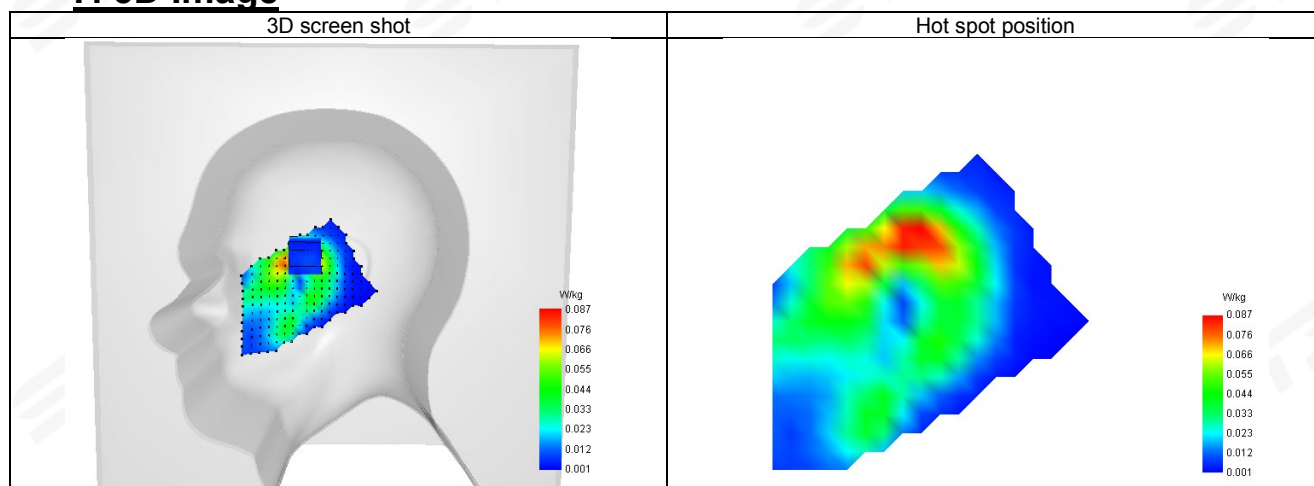
SAR 10g (W/Kg)	0.050
SAR 1g (W/Kg)	0.082
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	69.578720

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.114	0.086	0.060	0.040	0.028	0.019	0.013

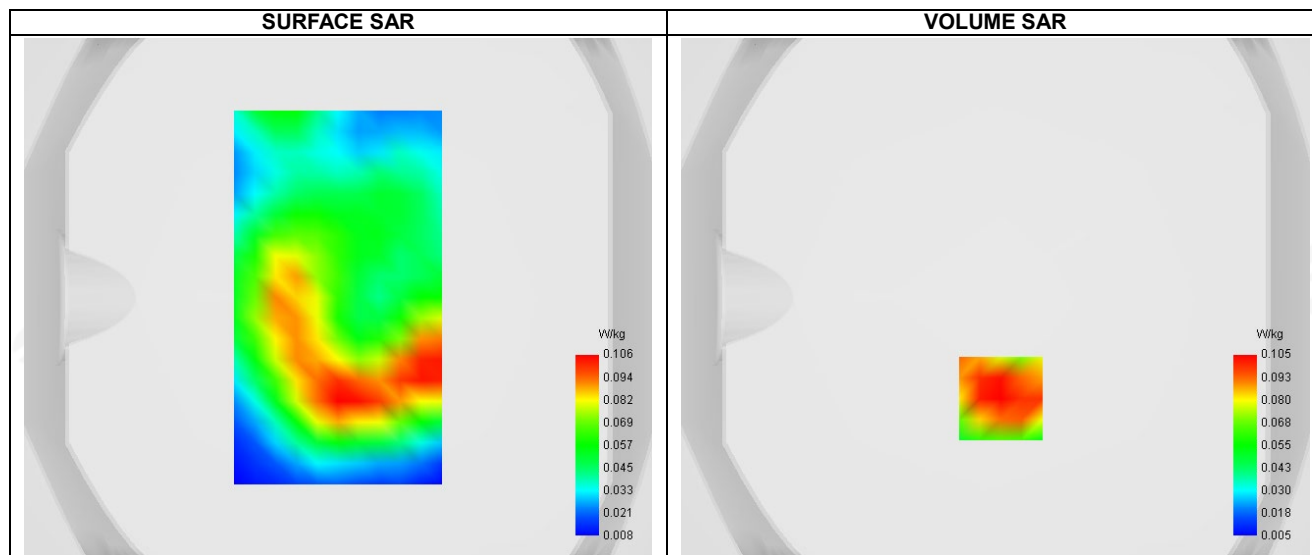


F. 3D Image



Plot 4: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-15
ConvF	1.72
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.70
Conductivity (S/m)	1.38



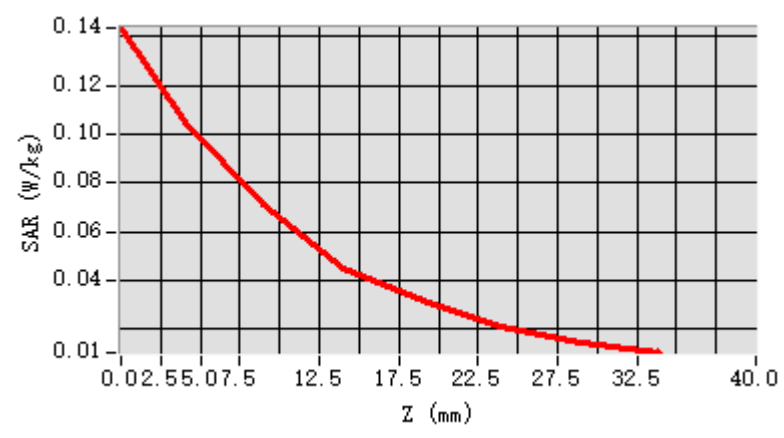
Maximum location: X=2.00, Y=-39.00 ; SAR Peak: 0.16 W/kg

D. SAR 1g & 10g

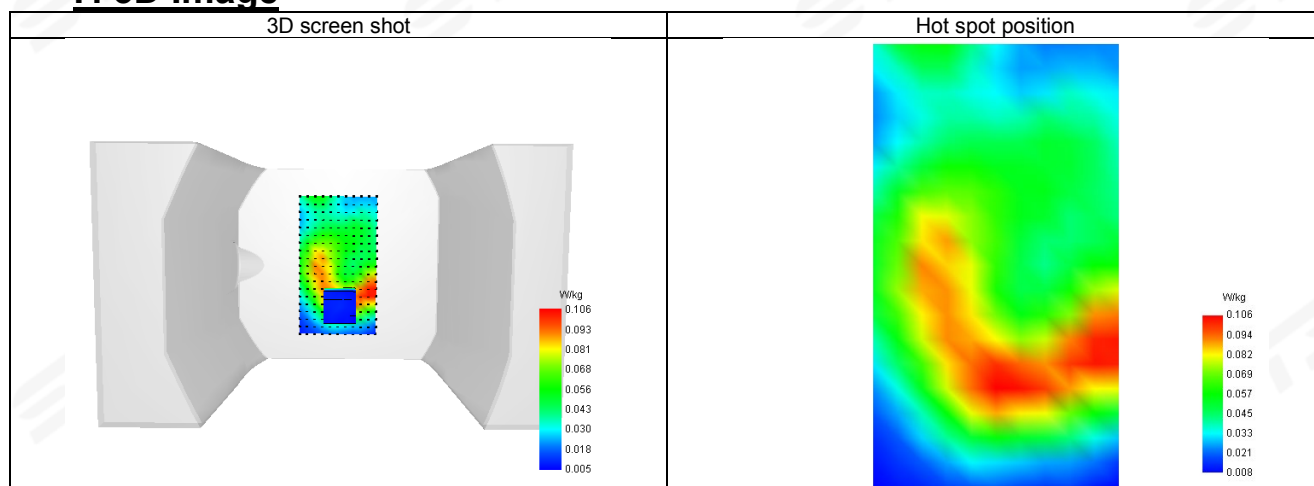
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.104
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.046429

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.143	0.105	0.072	0.045	0.032	0.021	0.014

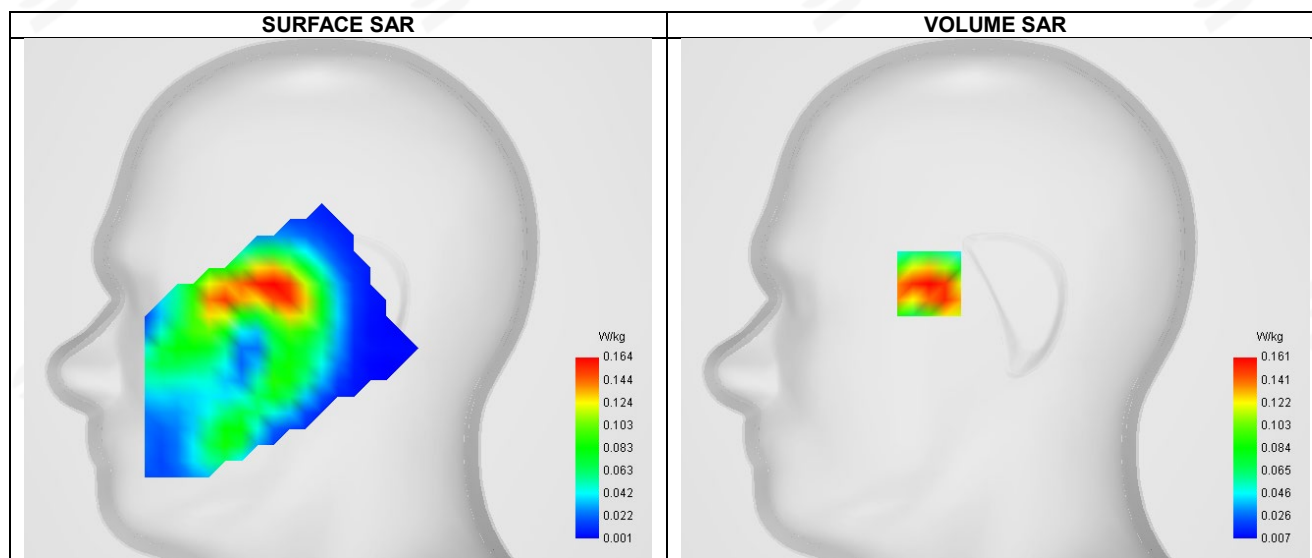


F. 3D Image



Plot 5: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-15
ConvF	1.72
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	WCDMA II
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	41.08
Conductivity (S/m)	1.46



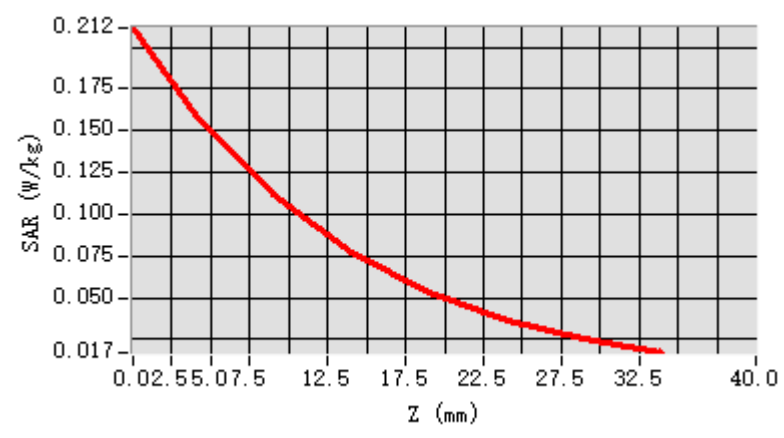
Maximum location: X=-33.00, Y=8.00 ; SAR Peak: 0.22 W/kg

D. SAR 1g & 10g

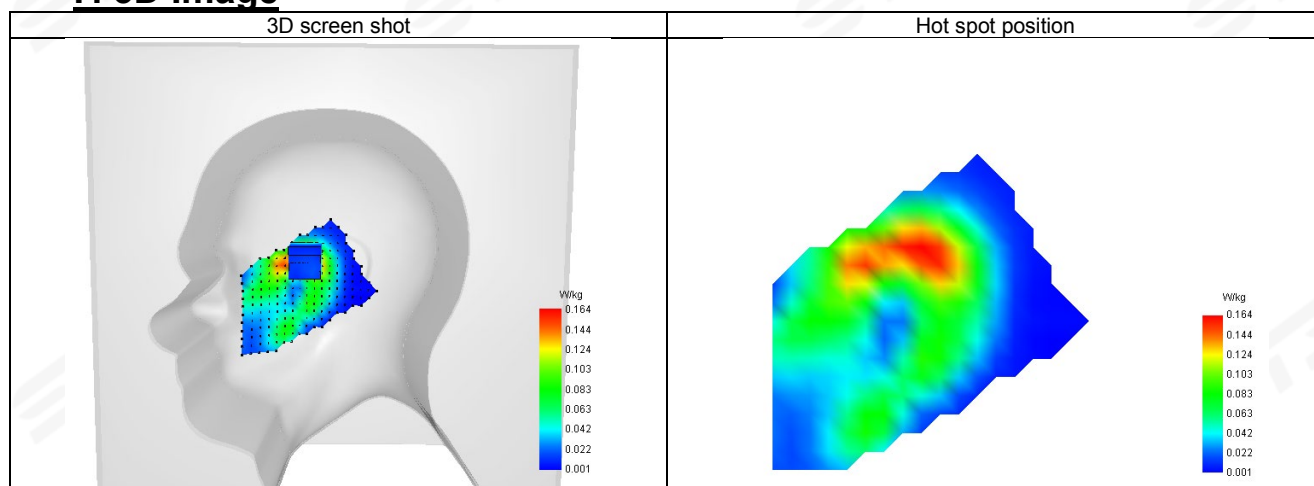
SAR 10g (W/Kg)	0.096
SAR 1g (W/Kg)	0.153
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	69.755965

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.212	0.161	0.112	0.077	0.053	0.037	0.025

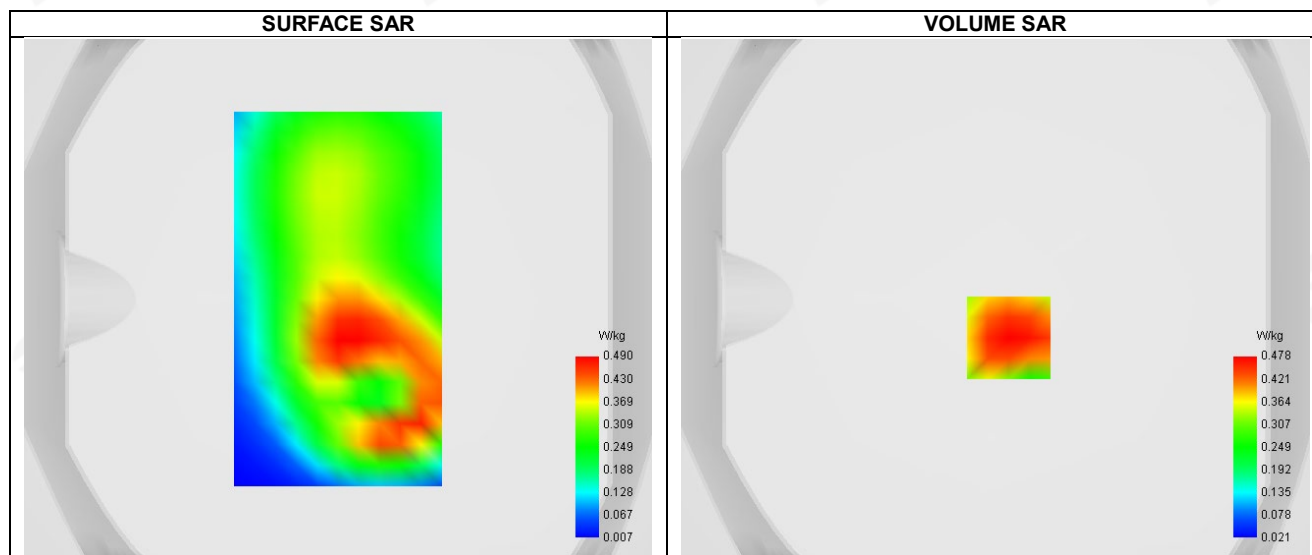


F. 3D Image



Plot 6: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-15
ConvF	1.72
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA II
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	41.08
Conductivity (S/m)	1.46



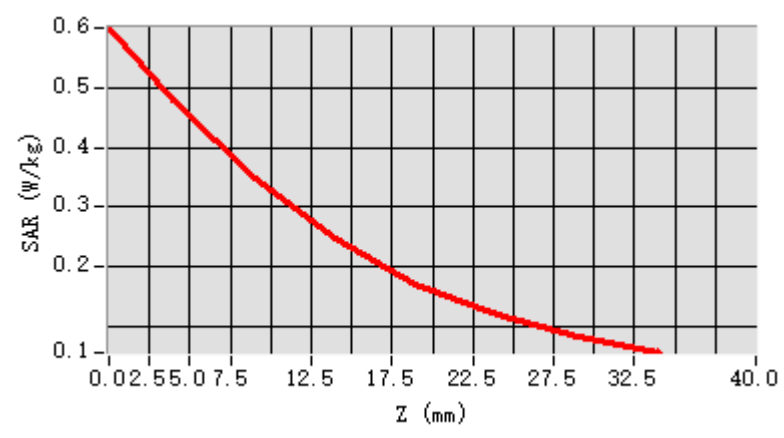
Maximum location: X=5.00, Y=-15.00 ; SAR Peak: 0.64 W/kg

D. SAR 1g & 10g

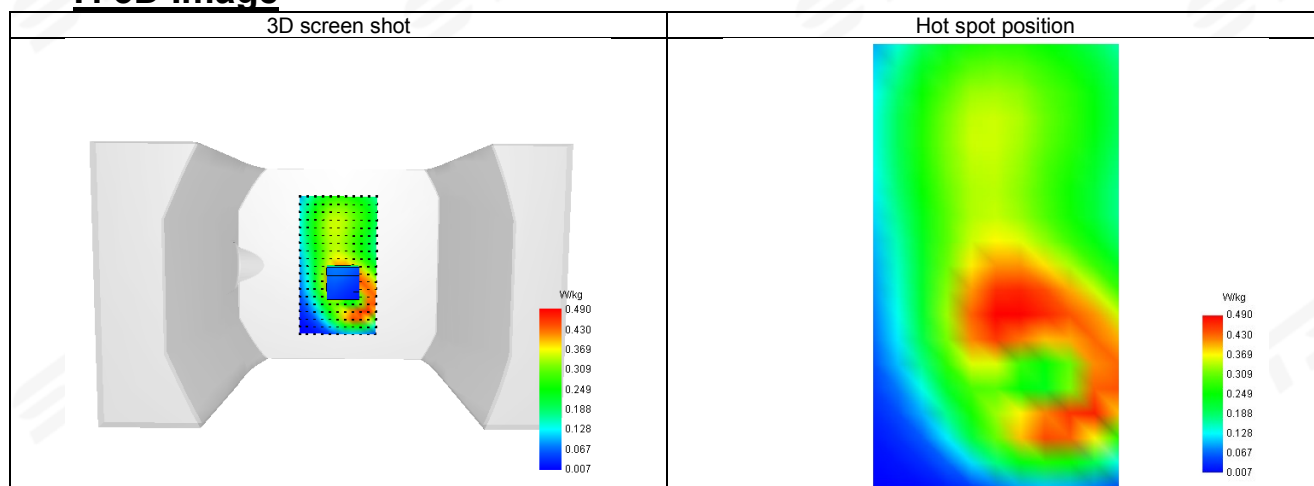
SAR 10g (W/Kg)	0.308
SAR 1g (W/Kg)	0.460
Horizontal validation criteria: minimum distance (mm)	12.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.464112

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.601	0.478	0.347	0.246	0.168	0.118	0.083

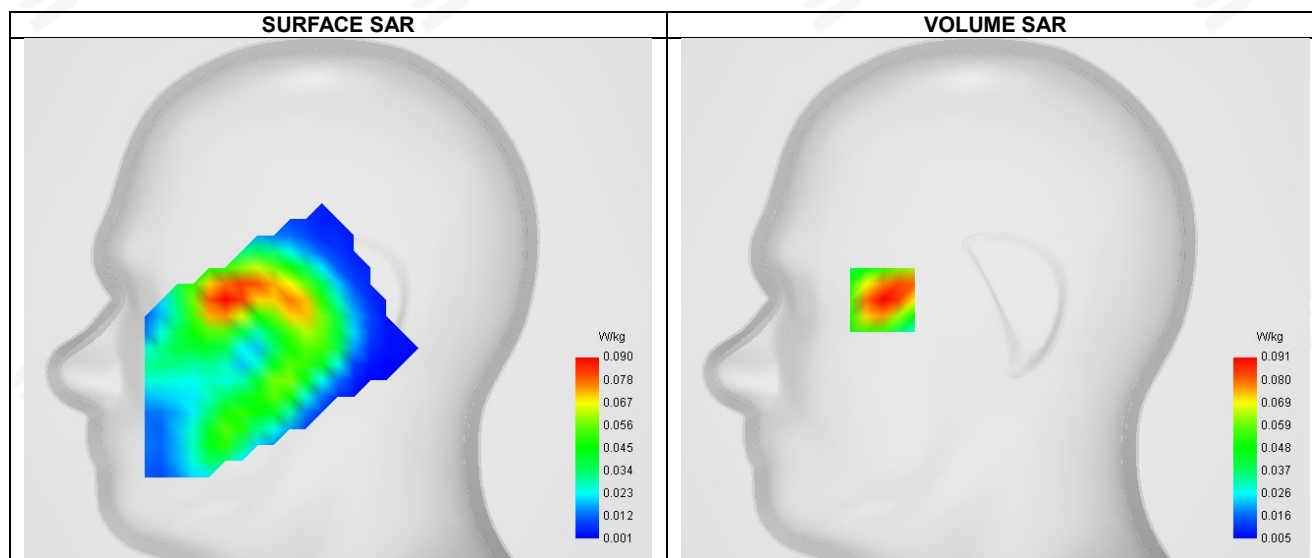


F. 3D Image



Plot 7: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-13
ConvF	1.58
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	WCDMA IV
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1752.4
Relative permittivity (real part)	40.89
Conductivity (S/m)	1.40



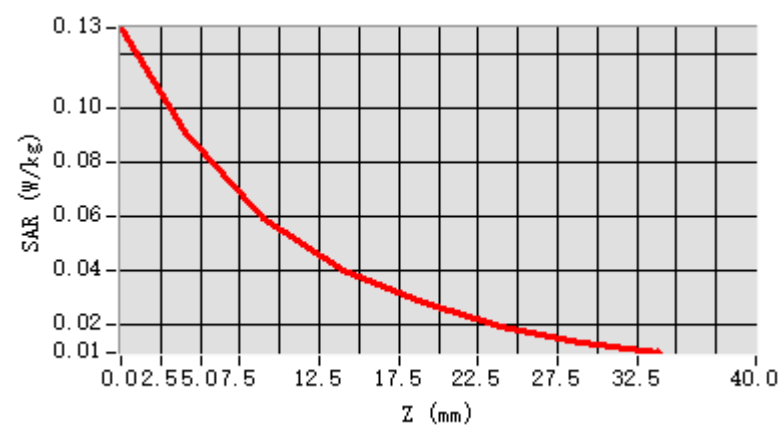
Maximum location: X=-56.00, Y=0.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

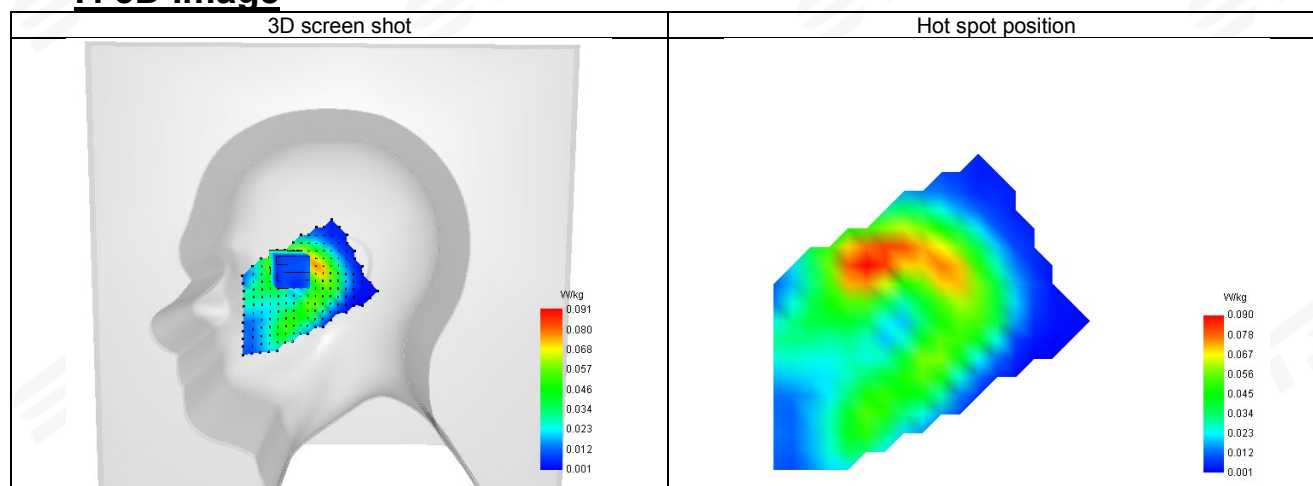
SAR 10g (W/Kg)	0.050
SAR 1g (W/Kg)	0.087
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	65.470444

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.130	0.091	0.059	0.040	0.028	0.019	0.013

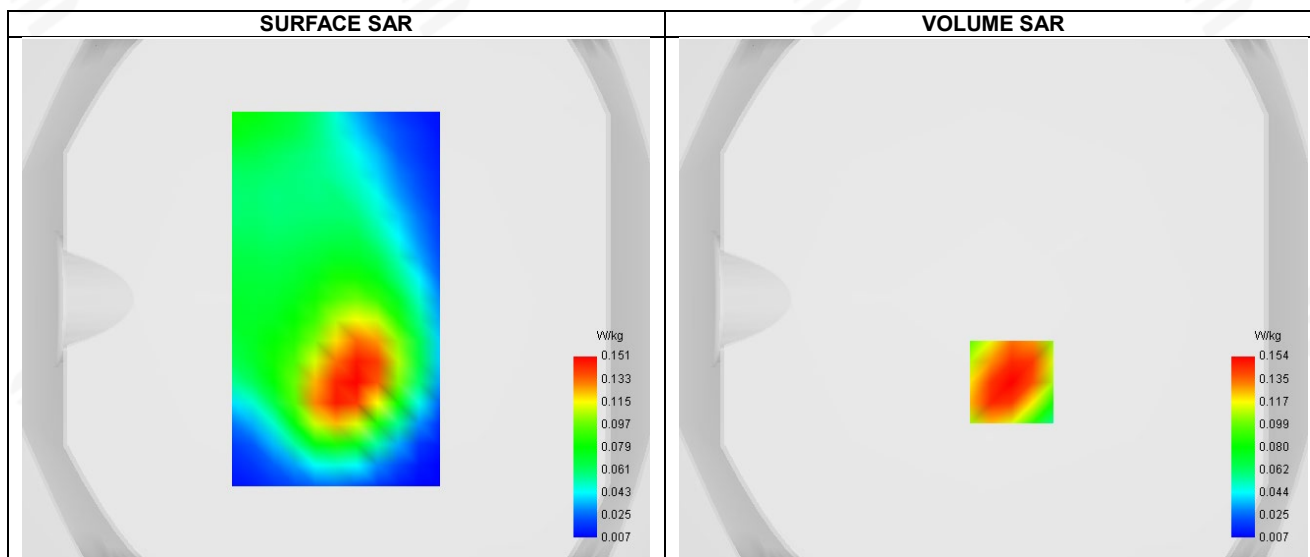


F. 3D Image



**Plot 8: DUT: Smart Phone; EUT Model: WP62**

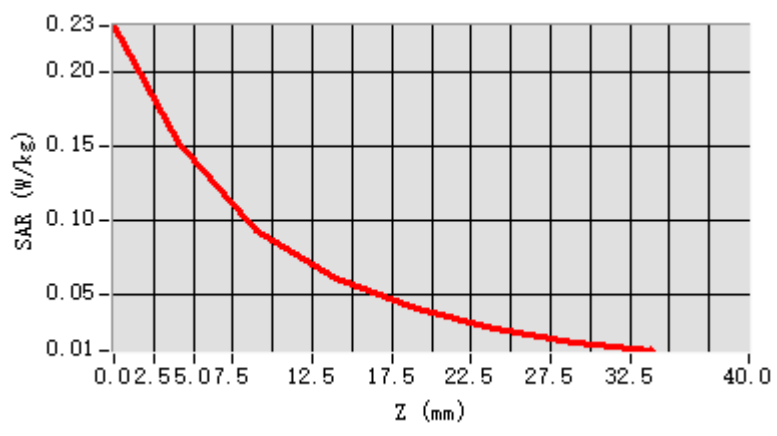
Test Date	2025-08-13
ConvF	1.58
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA IV
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1752.4
Relative permittivity (real part)	40.89
Conductivity (S/m)	1.40

**D. SAR 1g & 10g**

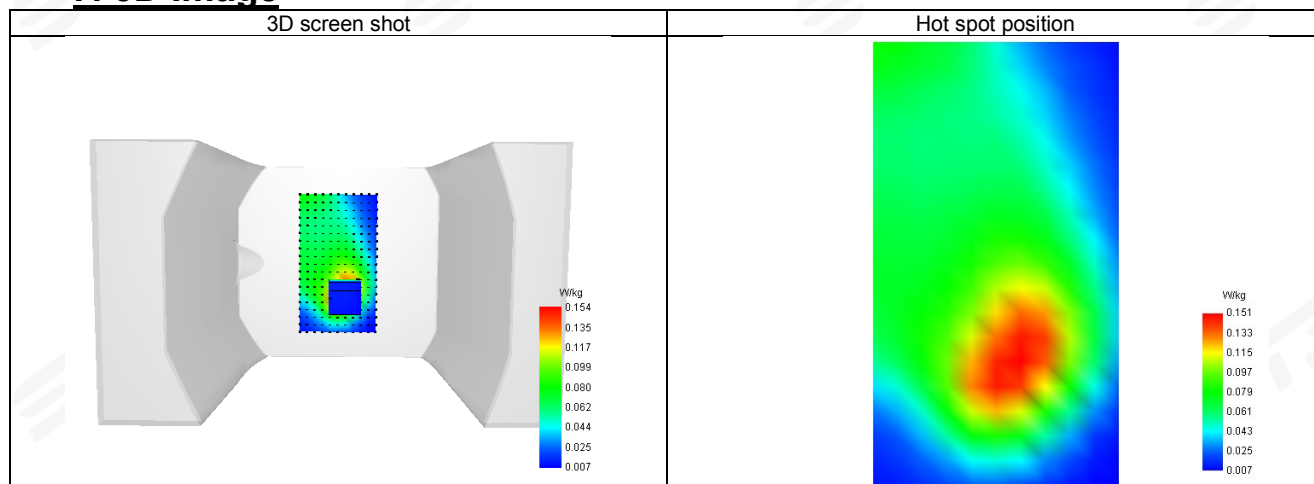
SAR 10g (W/Kg)	0.091
SAR 1g (W/Kg)	0.149
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	61.491743

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.232	0.154	0.094	0.062	0.042	0.027	0.018

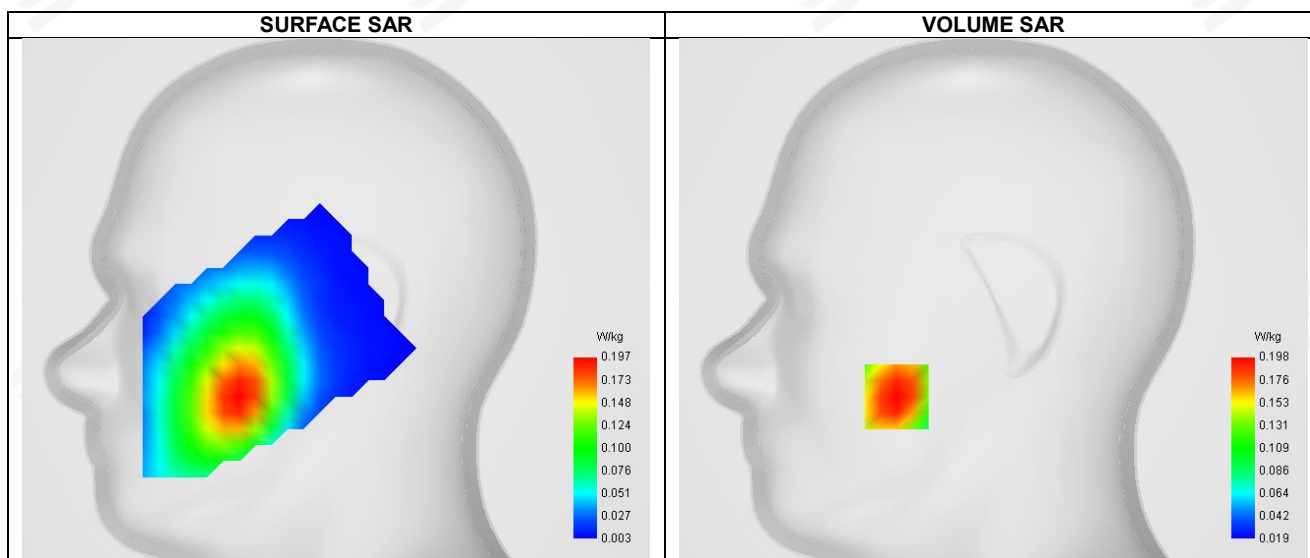


F. 3D Image



Plot 9: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	846.6
Relative permittivity (real part)	41.02
Conductivity (S/m)	0.92



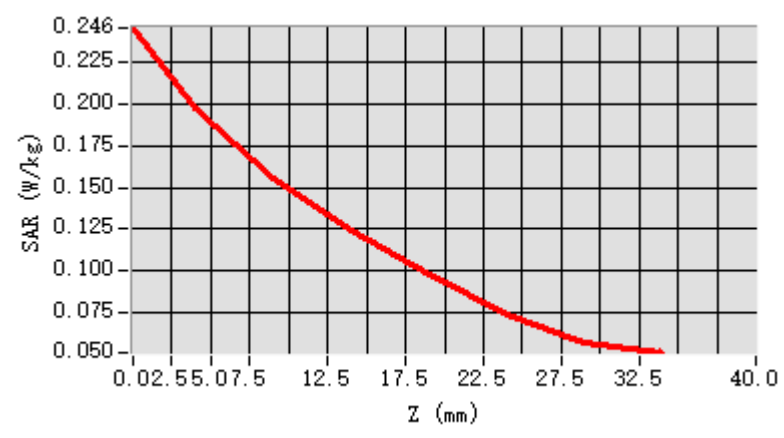
Maximum location: X=-48.00, Y=-48.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

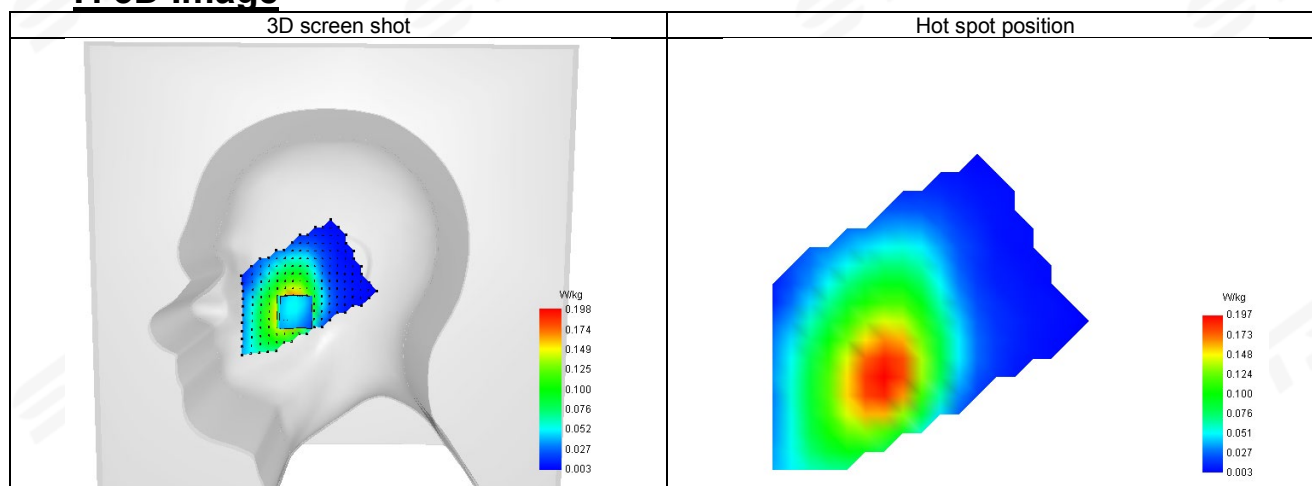
SAR 10g (W/Kg)	0.142
SAR 1g (W/Kg)	0.194
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	78.333150

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.246	0.198	0.155	0.124	0.097	0.073	0.056



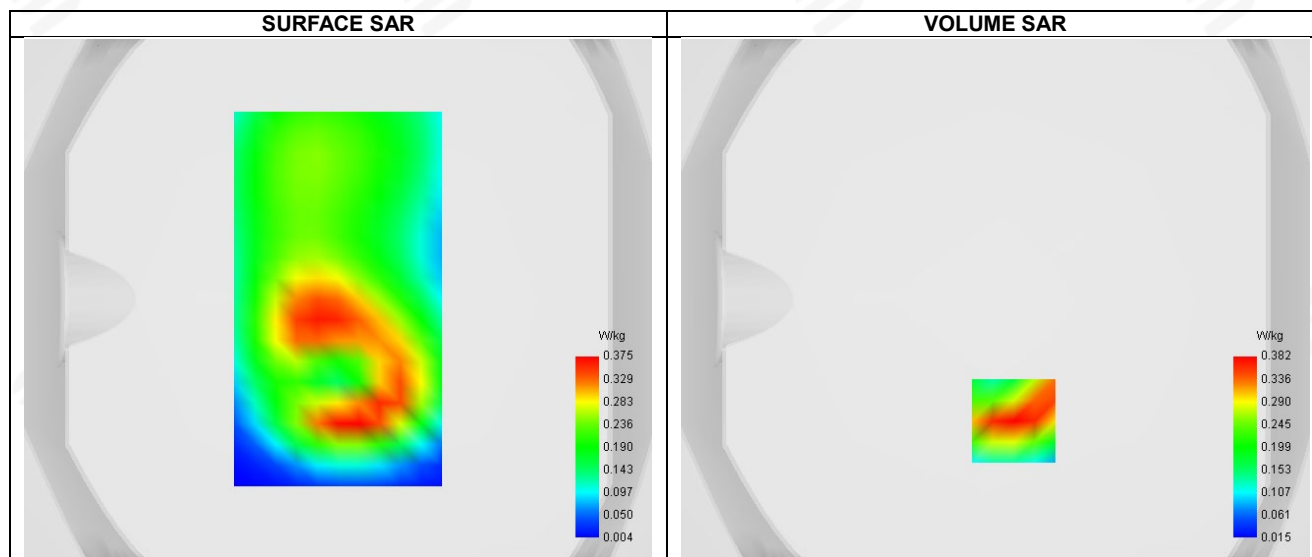
F. 3D Image





Plot 10: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	846.6
Relative permittivity (real part)	41.02
Conductivity (S/m)	0.92



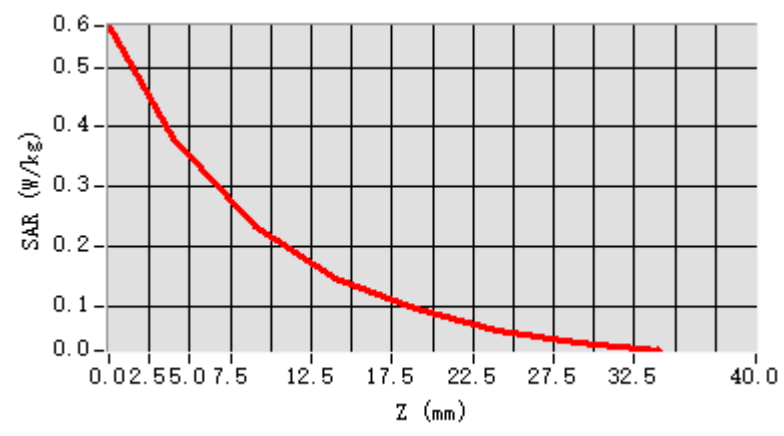
Maximum location: X=7.00, Y=-47.00 ; SAR Peak: 0.57 W/kg

D. SAR 1g & 10g

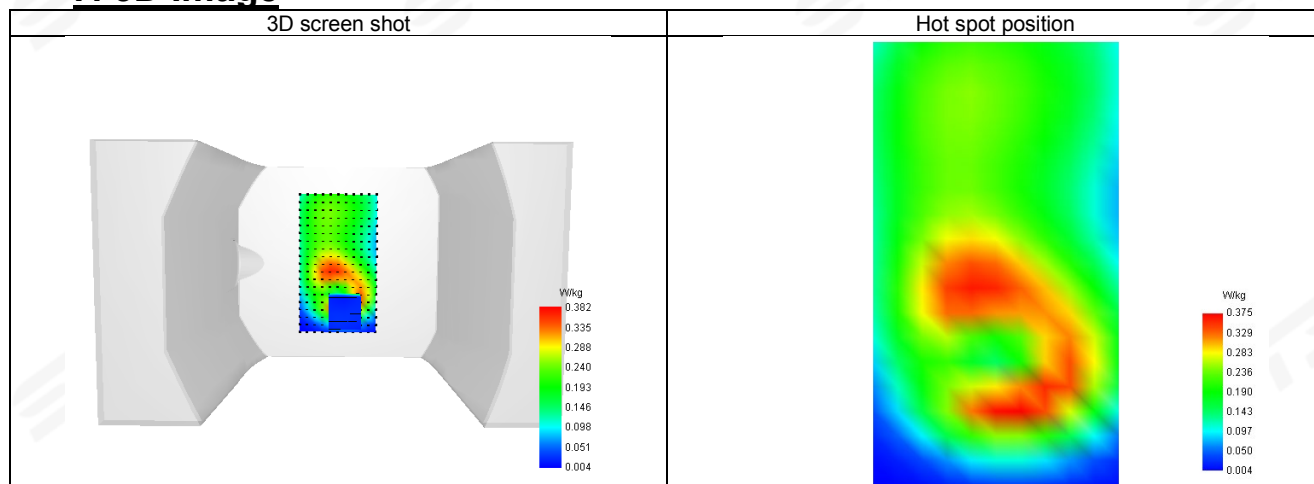
SAR 10g (W/Kg)	0.202
SAR 1g (W/Kg)	0.358
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.127482

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.569	0.382	0.234	0.147	0.096	0.061	0.038

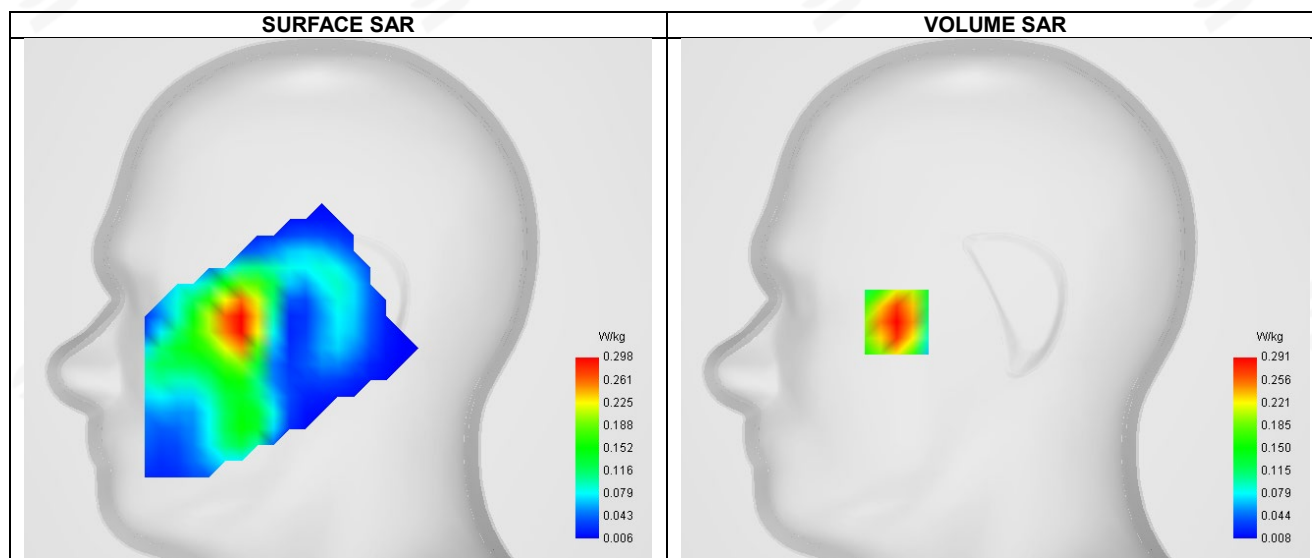


F. 3D Image



Plot 11: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-15
ConvF	1.72
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 2 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	41.08
Conductivity (S/m)	1.46



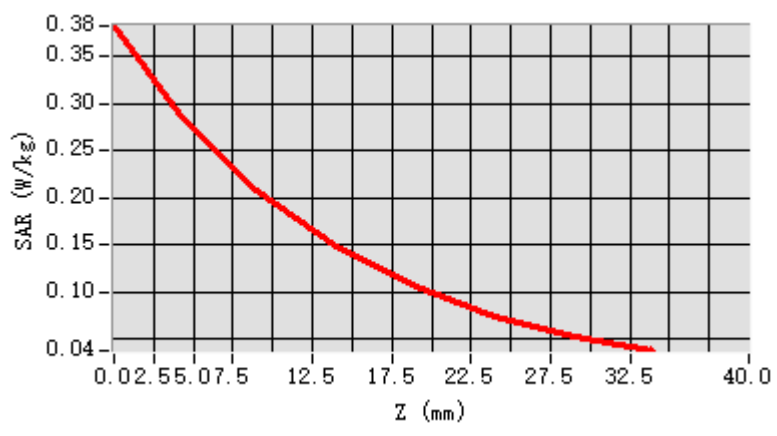
Maximum location: X=-49.00, Y=-11.00 ; SAR Peak: 0.39 W/kg

D. SAR 1g & 10g

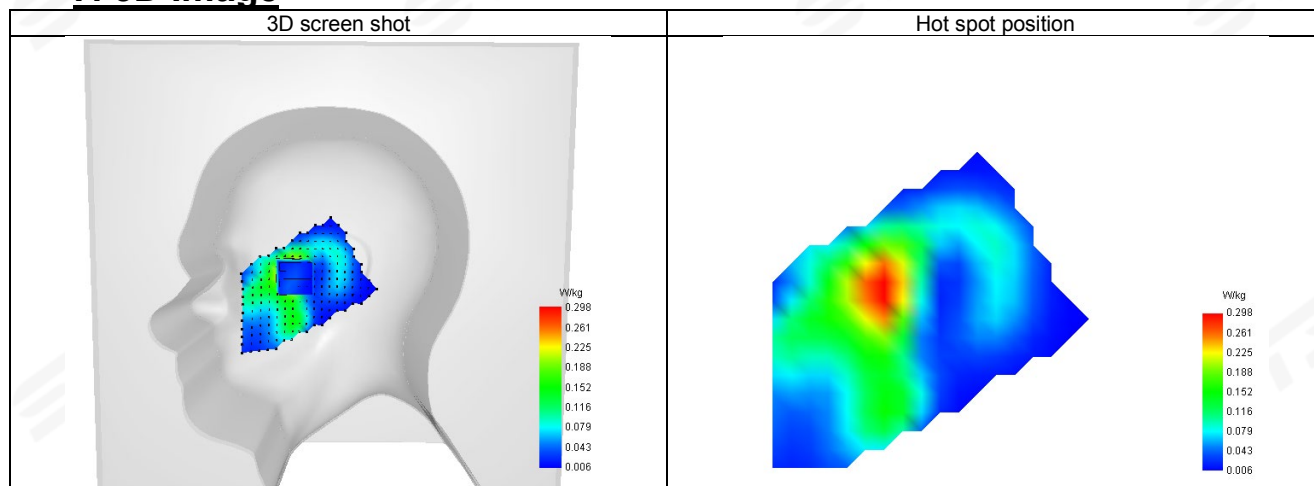
SAR 10g (W/Kg)	0.172
SAR 1g (W/Kg)	0.276
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	71.164856

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.382	0.291	0.207	0.148	0.105	0.075	0.053

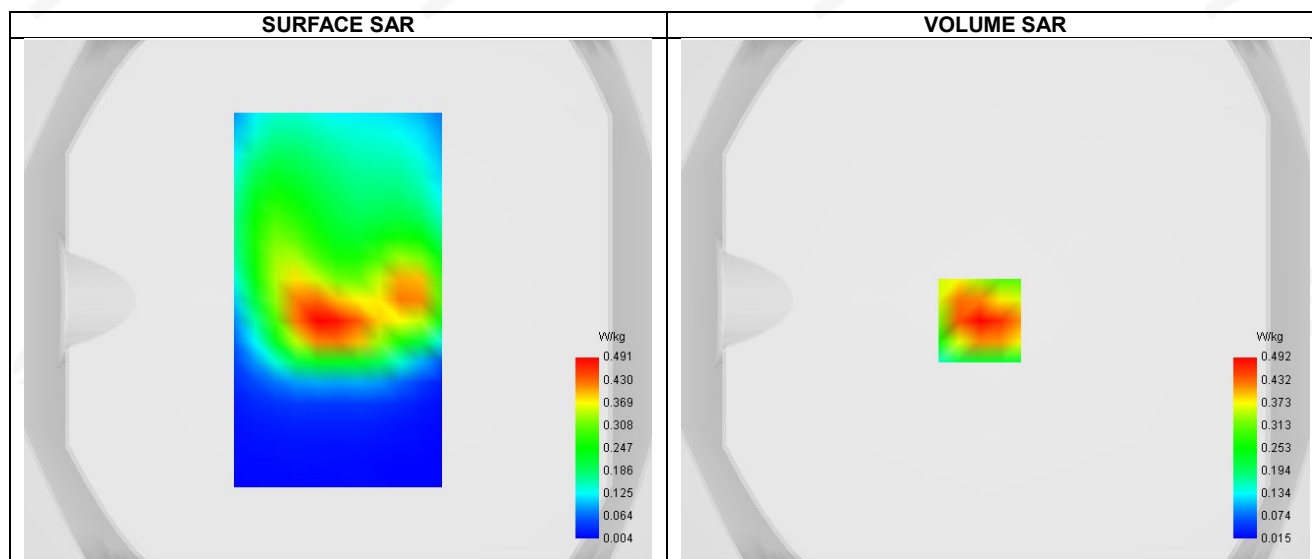


F. 3D Image



Plot 12: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-15
ConvF	1.72
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 2(RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	41.08
Conductivity (S/m)	1.46



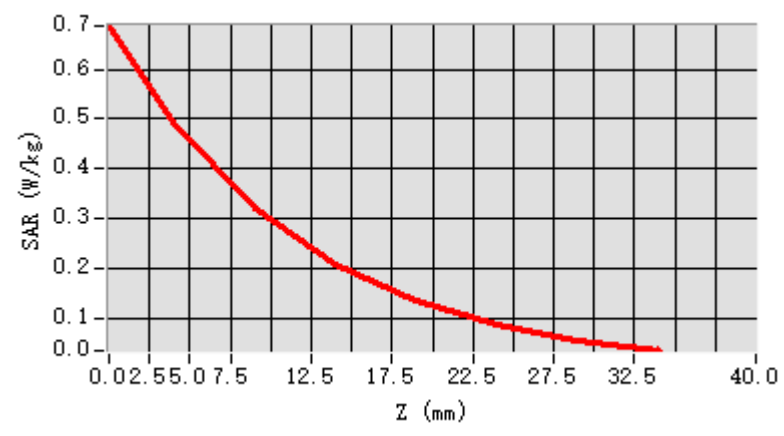
Maximum location: X=-6.00, Y=-8.00 ; SAR Peak: 0.69 W/kg

D. SAR 1g & 10g

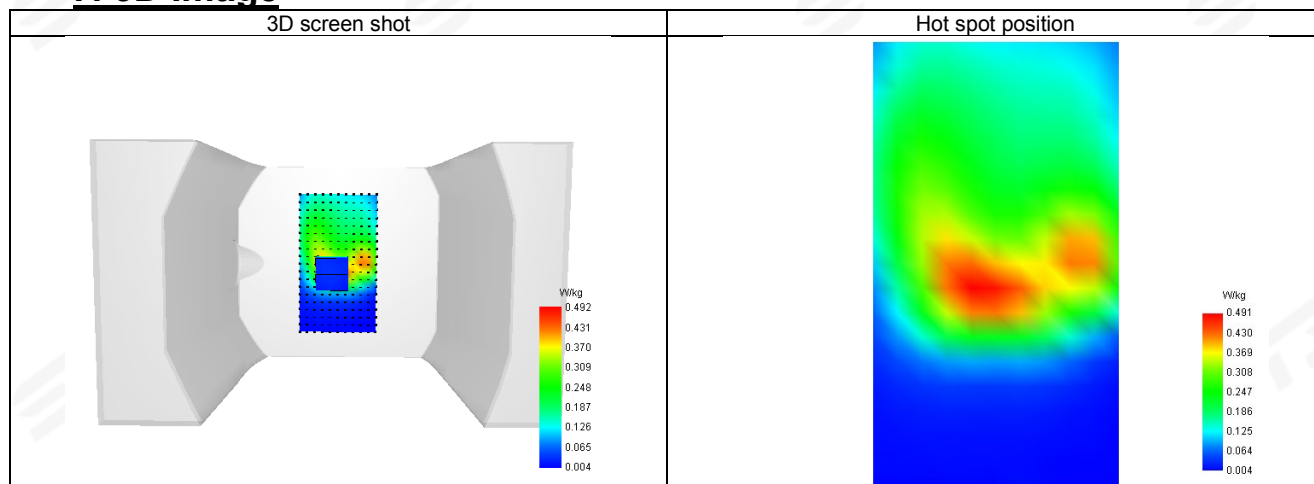
SAR 10g (W/Kg)	0.279
SAR 1g (W/Kg)	0.465
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	64.980428

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.687	0.492	0.320	0.210	0.135	0.087	0.057

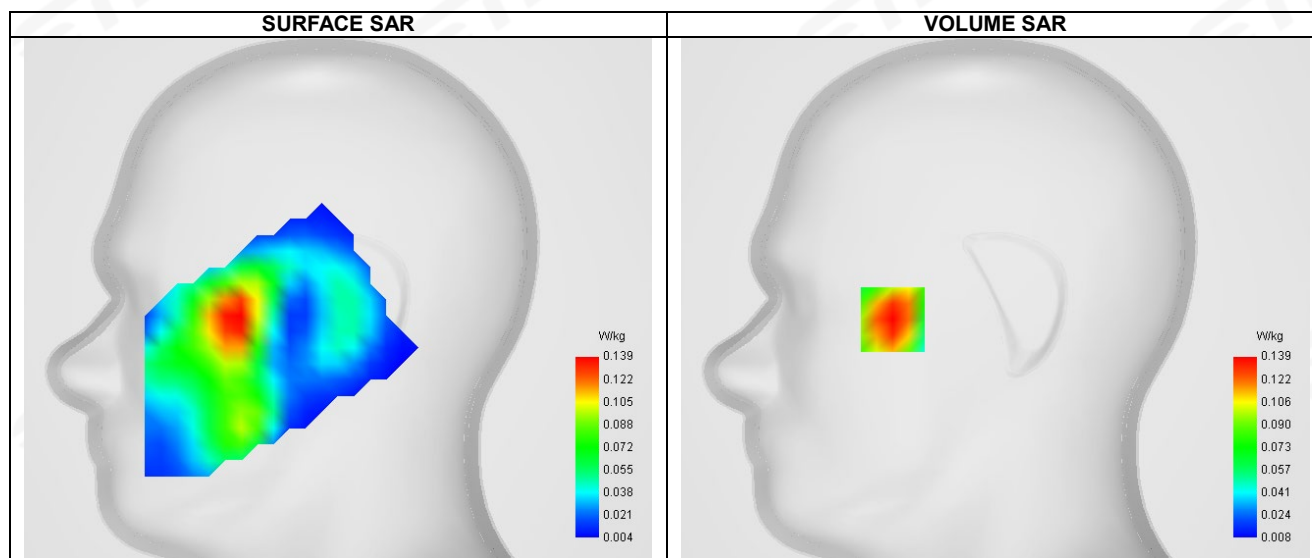


F. 3D Image



Plot 13: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-13
ConvF	1.58
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Band	LTE Band 4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.72
Conductivity (S/m)	1.39



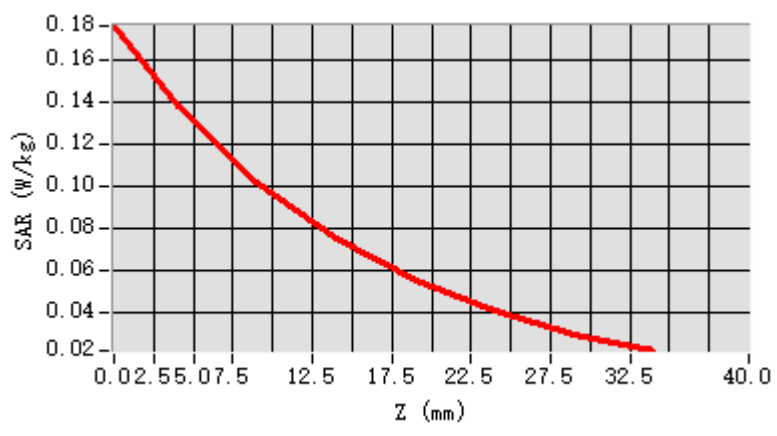
Maximum location: X=-51.00, Y=-10.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

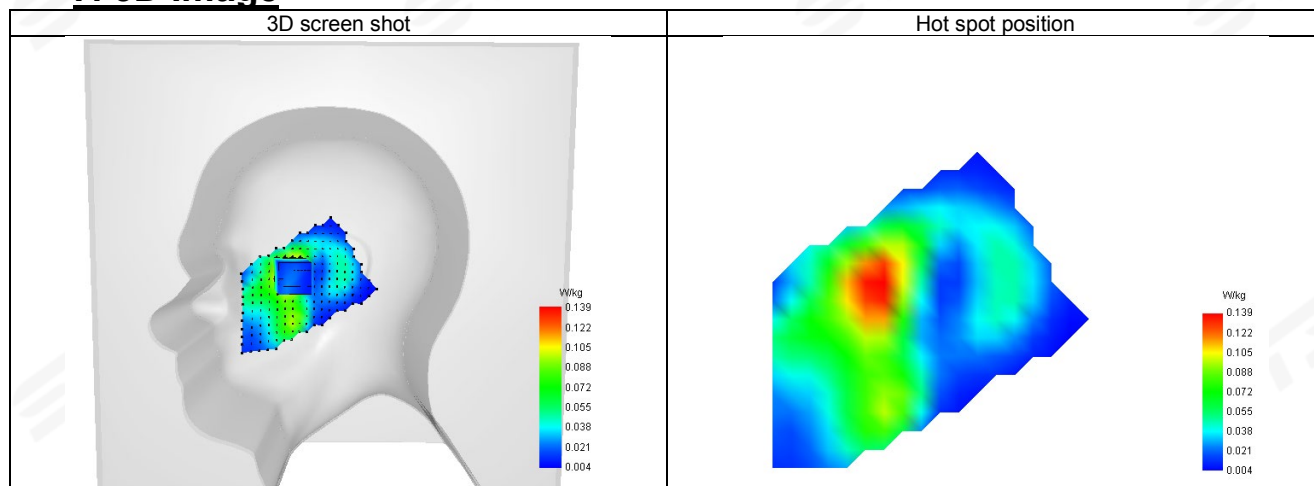
SAR 10g (W/Kg)	0.088
SAR 1g (W/Kg)	0.133
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	73.748936

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.176	0.139	0.102	0.075	0.055	0.041	0.030

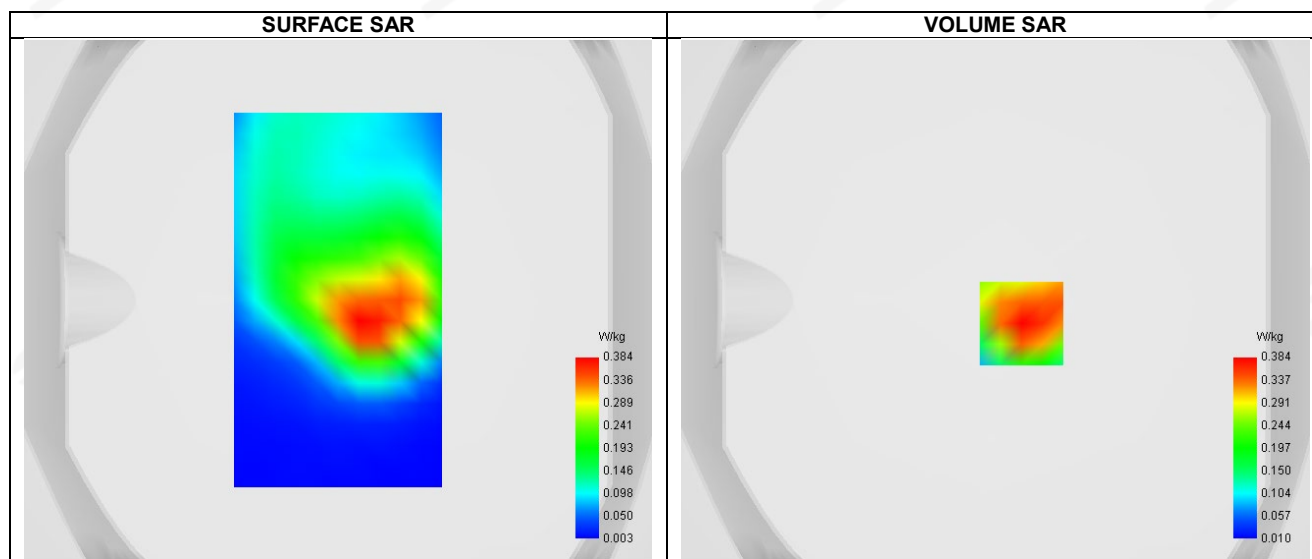


F. 3D Image



Plot 14: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-13
ConvF	1.58
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.72
Conductivity (S/m)	1.39



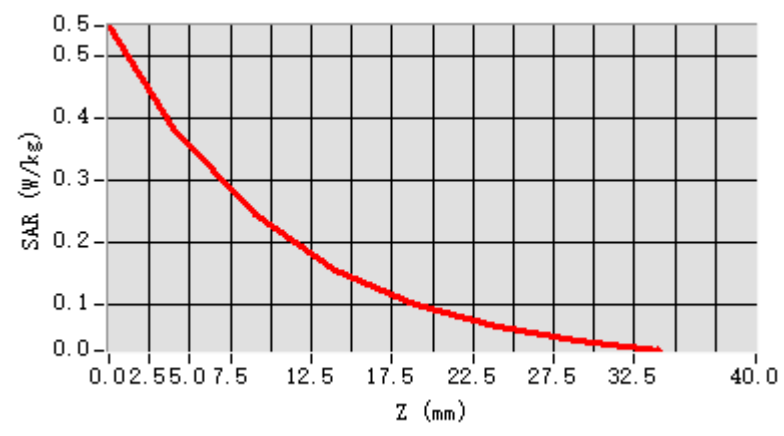
Maximum location: X=10.00, Y=-9.00 ; SAR Peak: 0.56 W/kg

D. SAR 1g & 10g

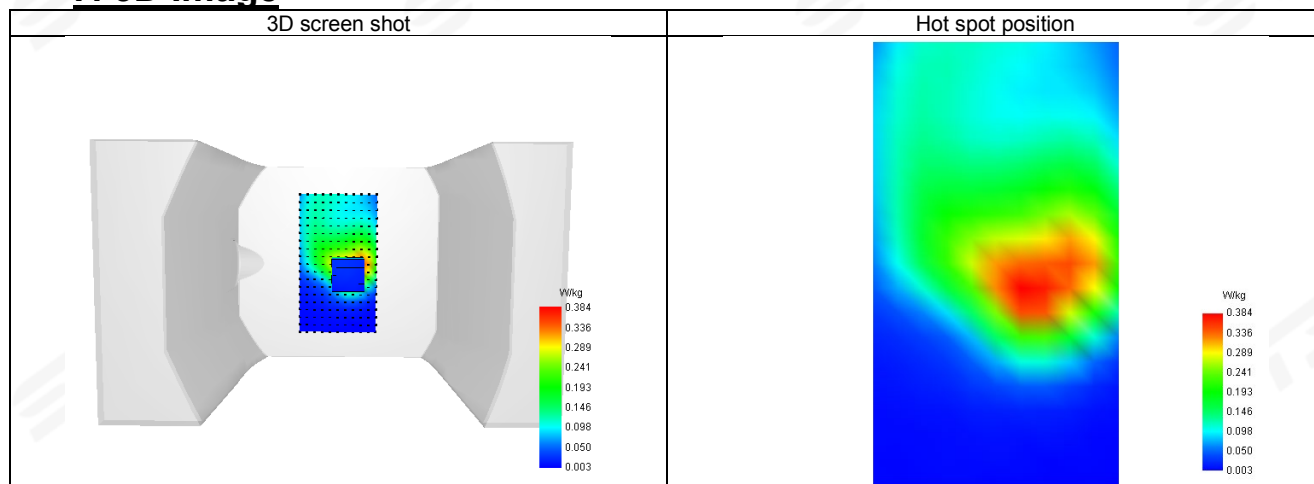
SAR 10g (W/Kg)	0.218
SAR 1g (W/Kg)	0.366
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	63.376395

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.548	0.384	0.243	0.156	0.099	0.063	0.040

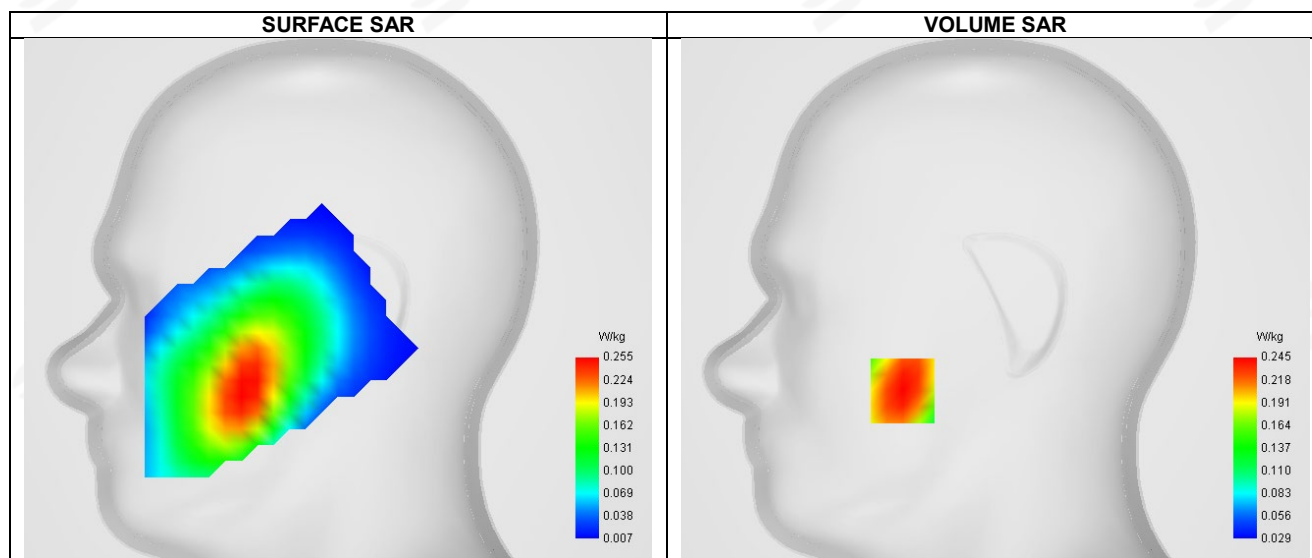


F. 3D Image



Plot 15: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	829
Relative permittivity (real part)	41.57
Conductivity (S/m)	0.91



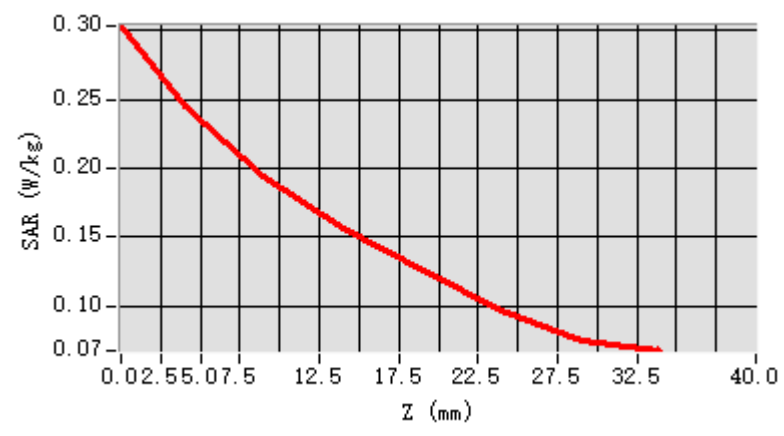
Maximum location: X=-46.00, Y=-45.00 ; SAR Peak: 0.30 W/kg

D. SAR 1g & 10g

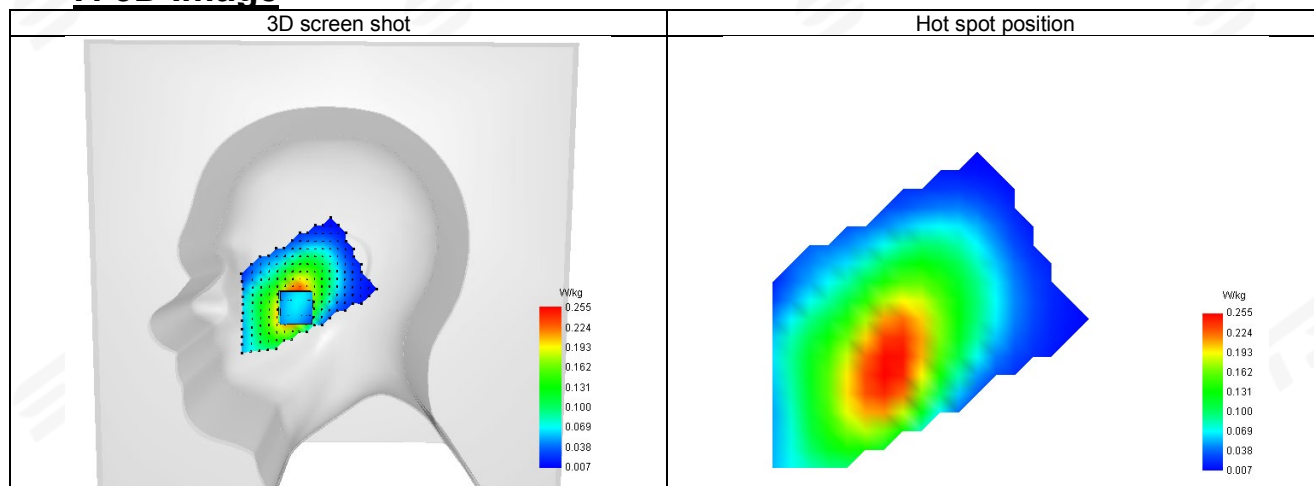
SAR 10g (W/Kg)	0.178
SAR 1g (W/Kg)	0.240
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	79.221959

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.303	0.245	0.194	0.156	0.125	0.096	0.075

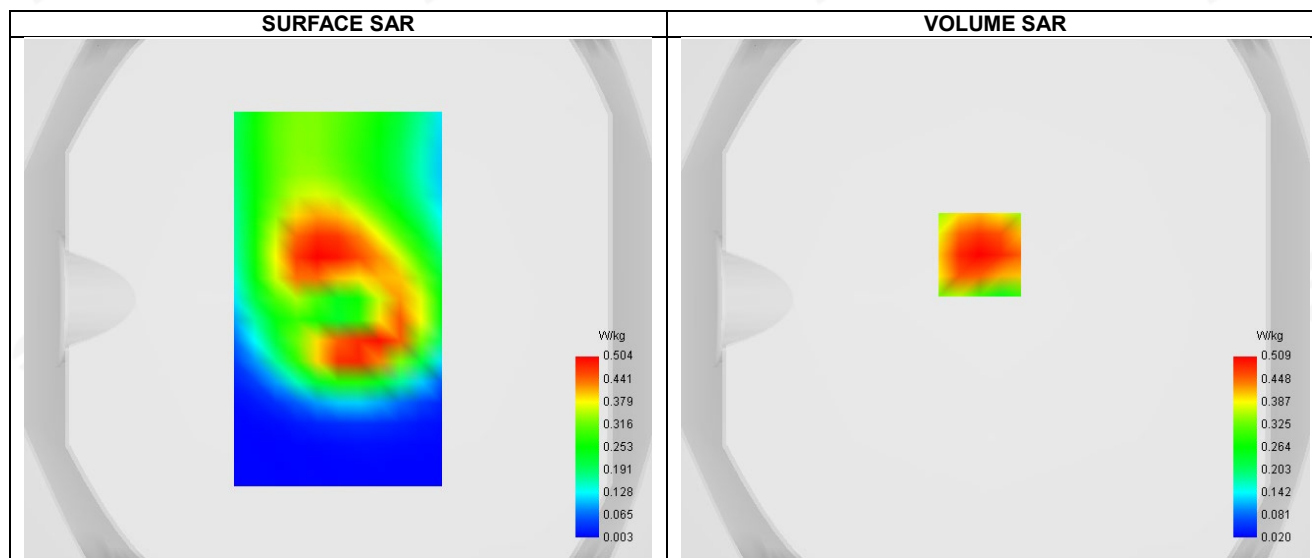


F. 3D Image



Plot 16: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	829
Relative permittivity (real part)	41.57
Conductivity (S/m)	0.91



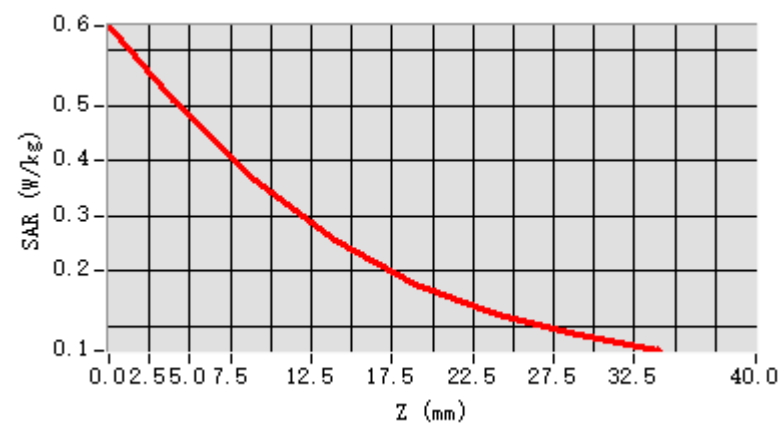
Maximum location: X=-6.00, Y=17.00 ; SAR Peak: 0.66 W/kg

D. SAR 1g & 10g

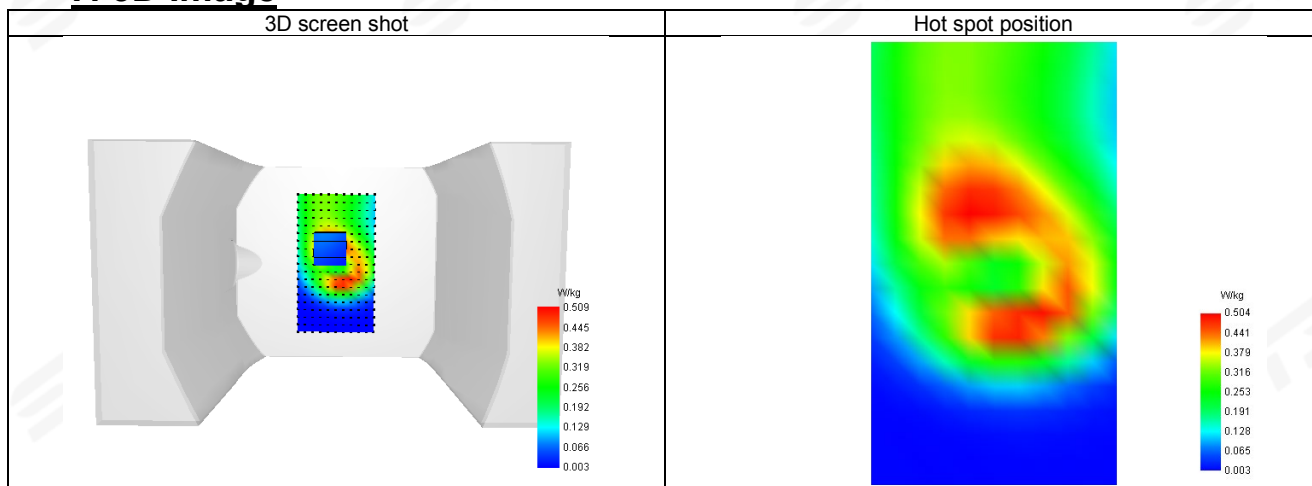
SAR 10g (W/Kg)	0.327
SAR 1g (W/Kg)	0.486
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	71.929868

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.644	0.509	0.366	0.256	0.174	0.121	0.084

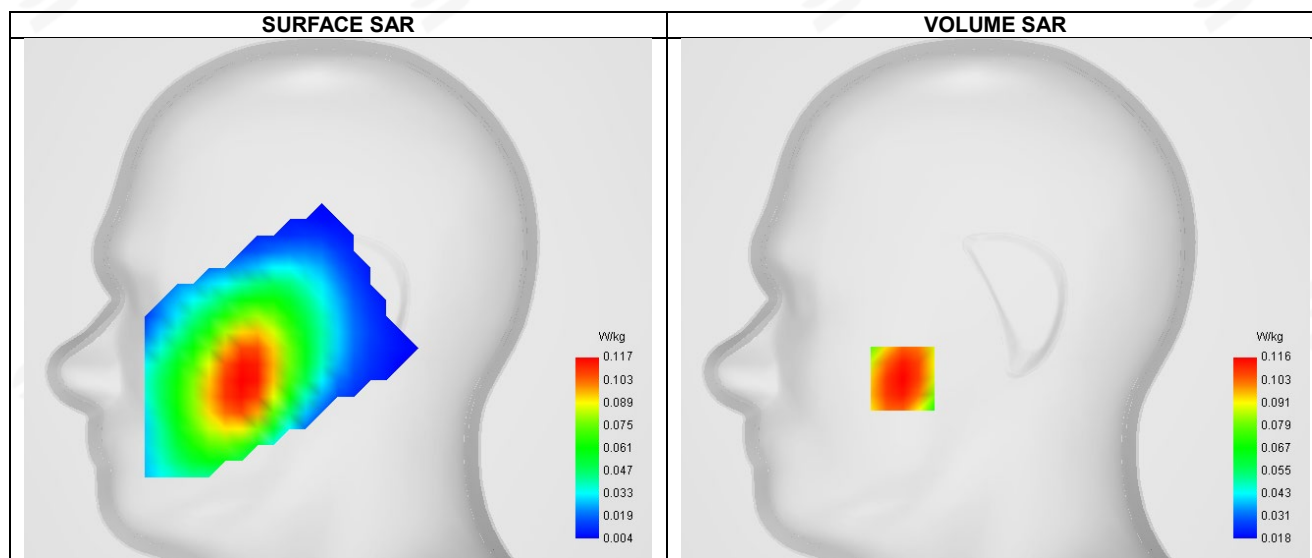


F. 3D Image



Plot 17: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-16
ConvF	1.74
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2535
Relative permittivity (real part)	39.87
Conductivity (S/m)	1.88



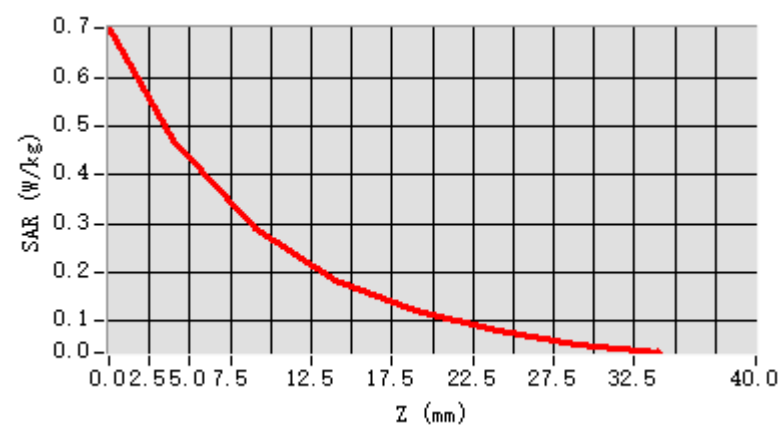
Maximum location: X=16.00, Y=-8.00 ; SAR Peak: 0.72 W/kg

D. SAR 1g & 10g

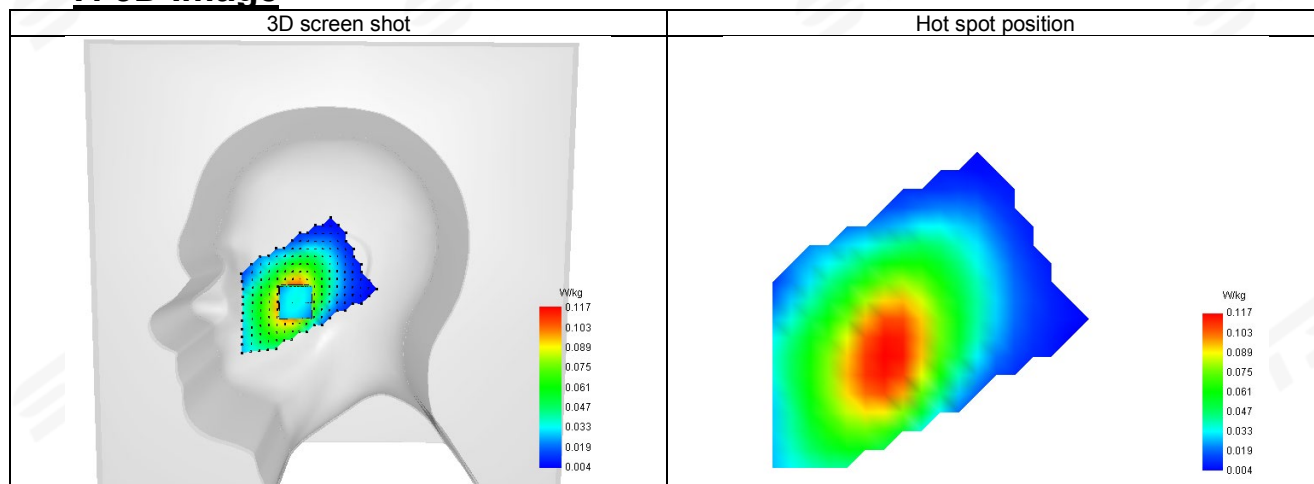
SAR 10g (W/Kg)	0.252
SAR 1g (W/Kg)	0.401
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	61.659815

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.701	0.472	0.291	0.185	0.123	0.080	0.051

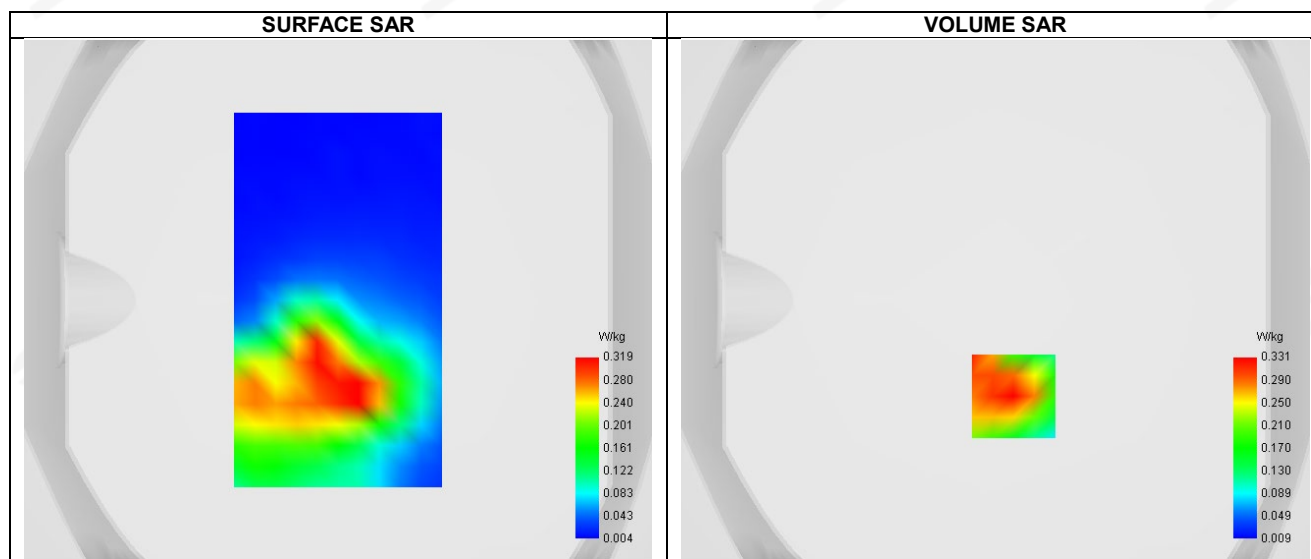


F. 3D Image



**Plot 18: DUT: Smart Phone; EUT Model: WP62**

Test Date	2025-08-16
ConvF	1.74
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2535
Relative permittivity (real part)	39.87
Conductivity (S/m)	1.88



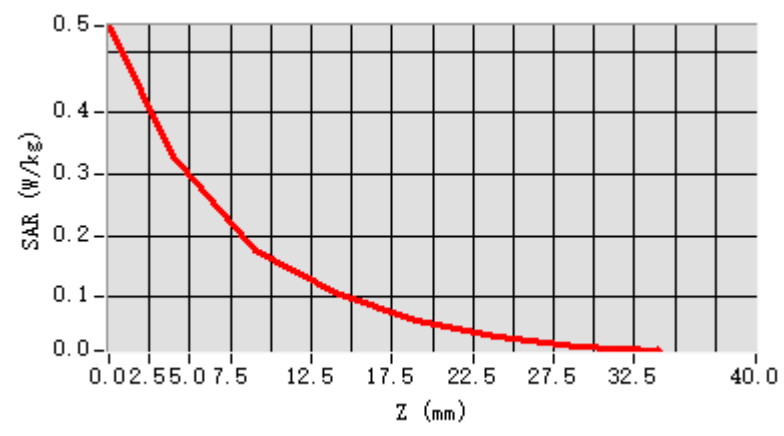
Maximum location: X=7.00, Y=-37.00 ; SAR Peak: 0.54 W/kg

D. SAR 1g & 10g

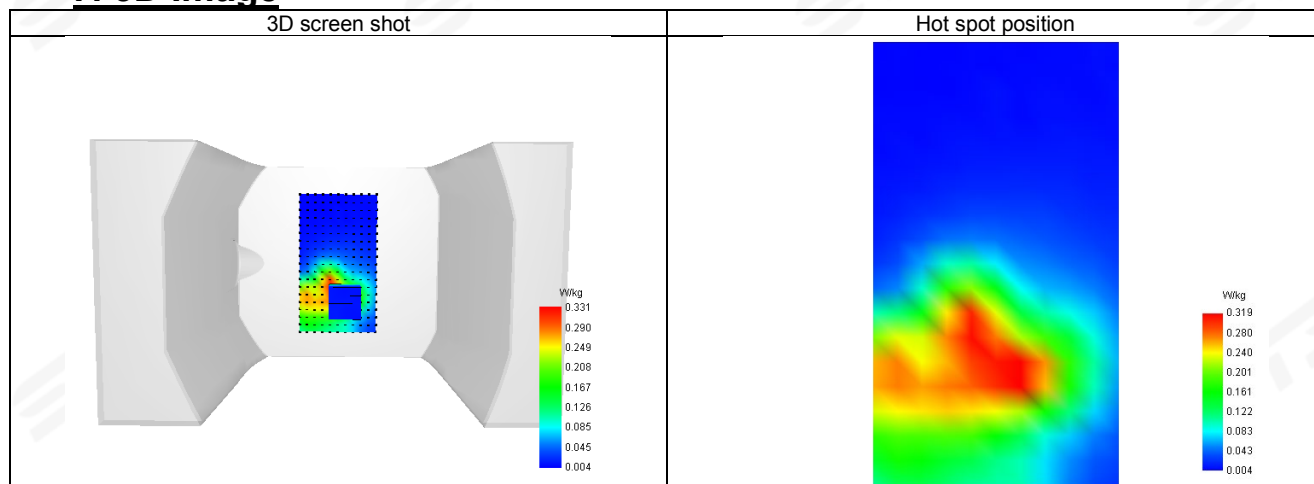
SAR 10g (W/Kg)	0.166
SAR 1g (W/Kg)	0.318
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	52.985022

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.542	0.331	0.175	0.106	0.061	0.035	0.020

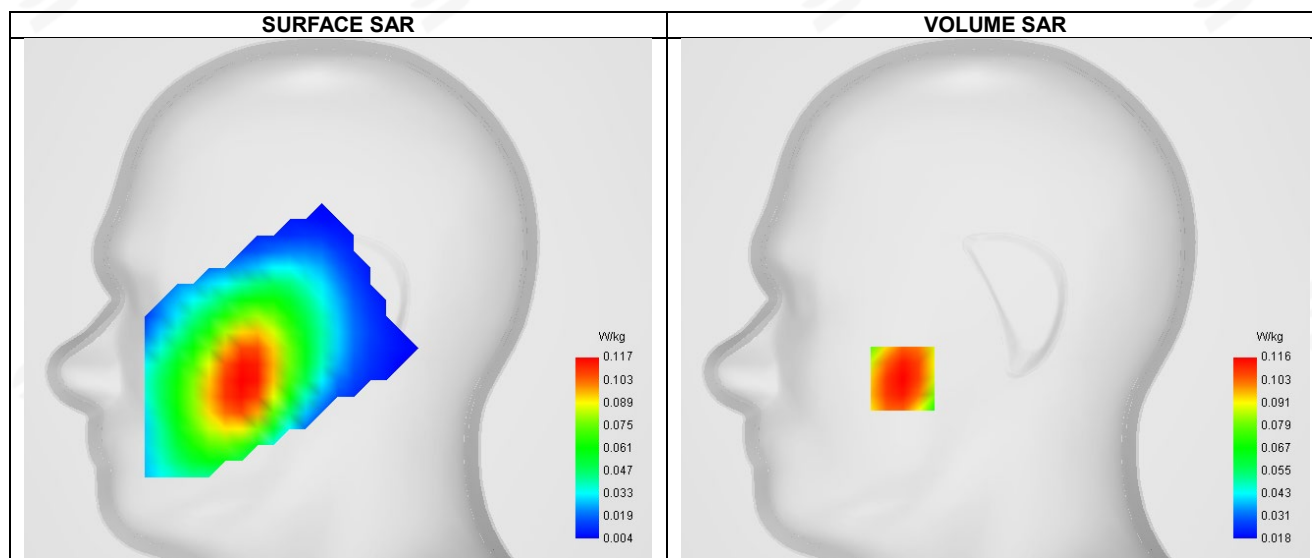


F. 3D Image



Plot 19: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-11
ConvF	1.56
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	41.90
Conductivity (S/m)	0.85



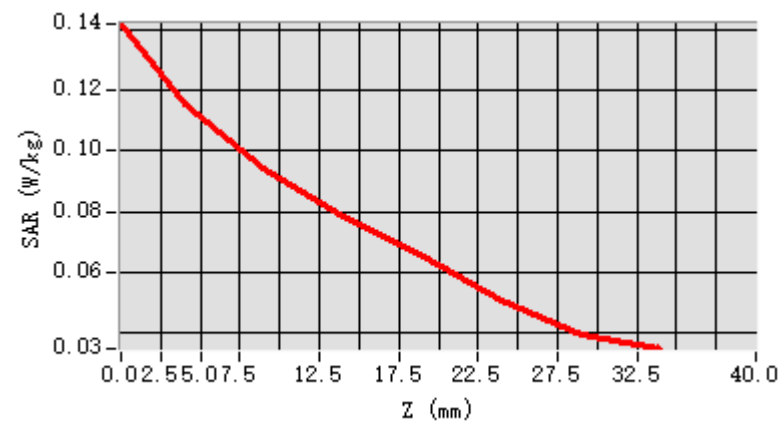
Maximum location: X=-46.00, Y=-39.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

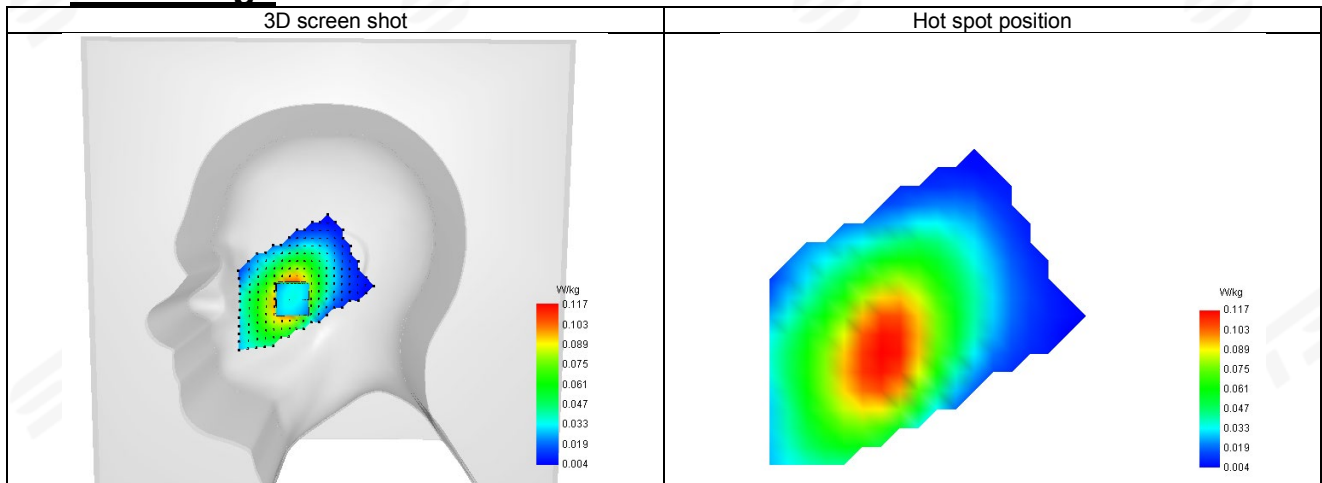
SAR 10g (W/Kg)	0.087
SAR 1g (W/Kg)	0.114
Horizontal validation criteria: minimum distance (mm)	12.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	69.551401

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.142	0.116	0.094	0.078	0.065	0.050	0.039

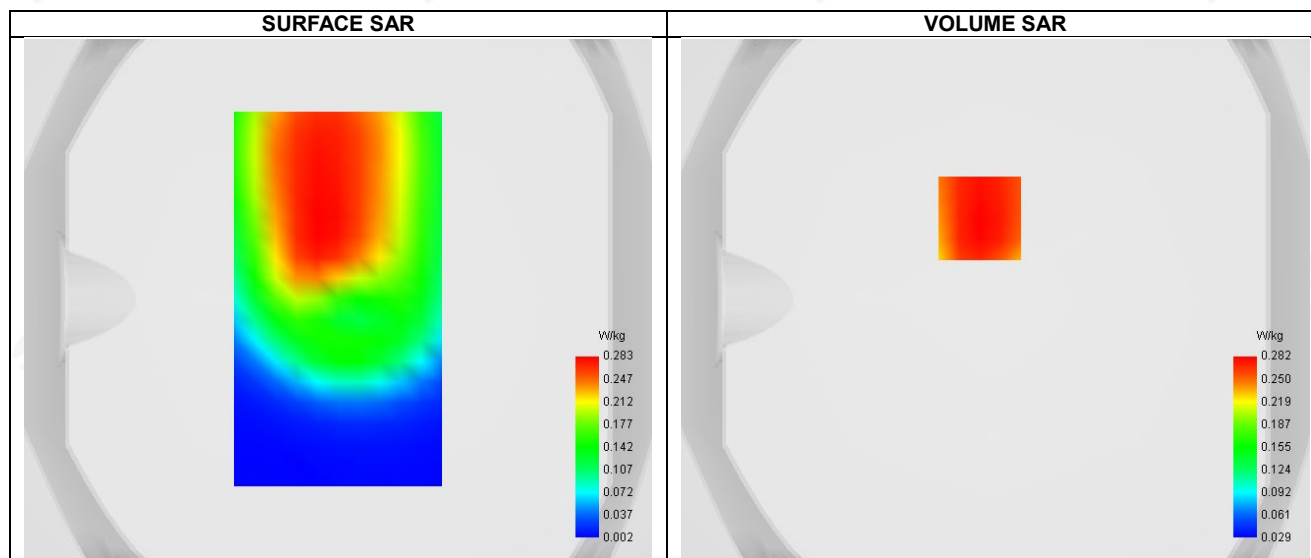


F. 3D Image



Plot 20: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-11
ConvF	1.56
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	41.90
Conductivity (S/m)	0.85



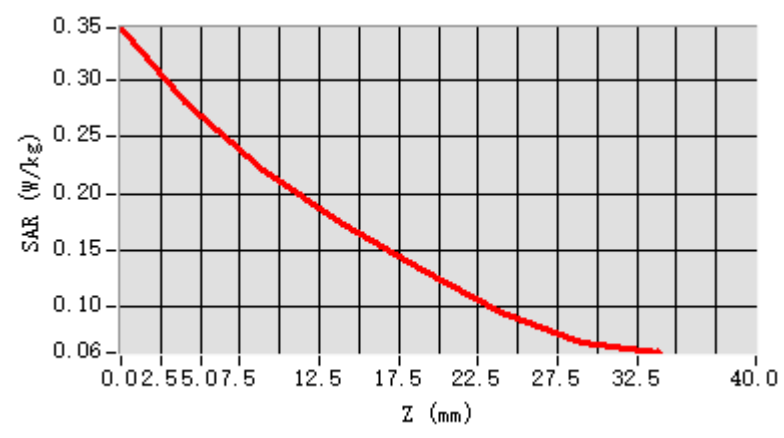
Maximum location: X=-6.00, Y=31.00 ; SAR Peak: 0.35 W/kg

D. SAR 1g & 10g

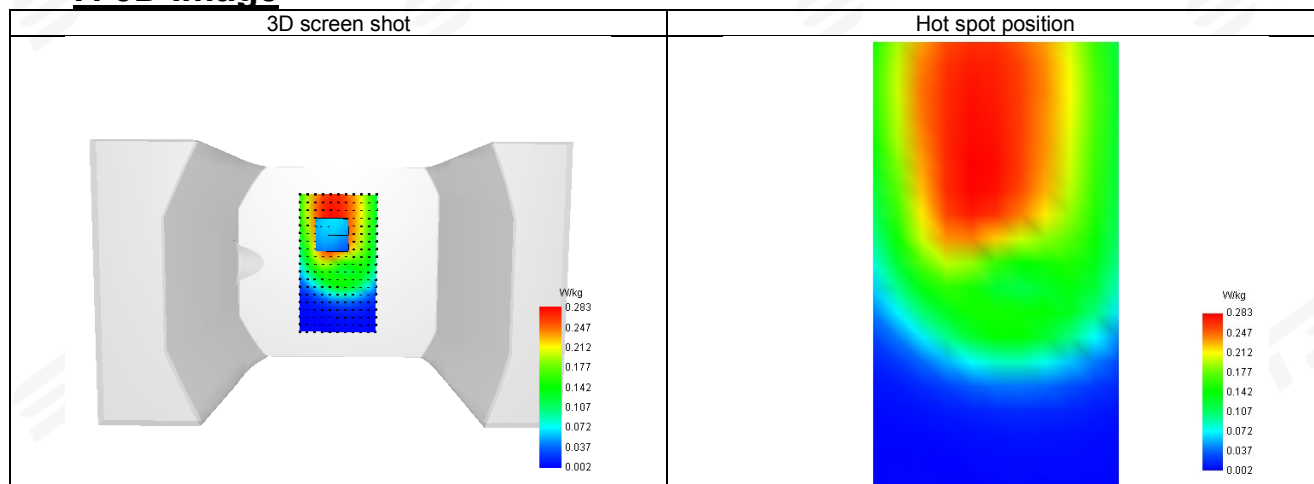
SAR 10g (W/Kg)	0.194
SAR 1g (W/Kg)	0.277
Horizontal validation criteria: minimum distance (mm)	11.635210
Vertical validation criteria: SAR ratio M2/M1 (%)	78.315045

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.346	0.282	0.221	0.172	0.132	0.095	0.069

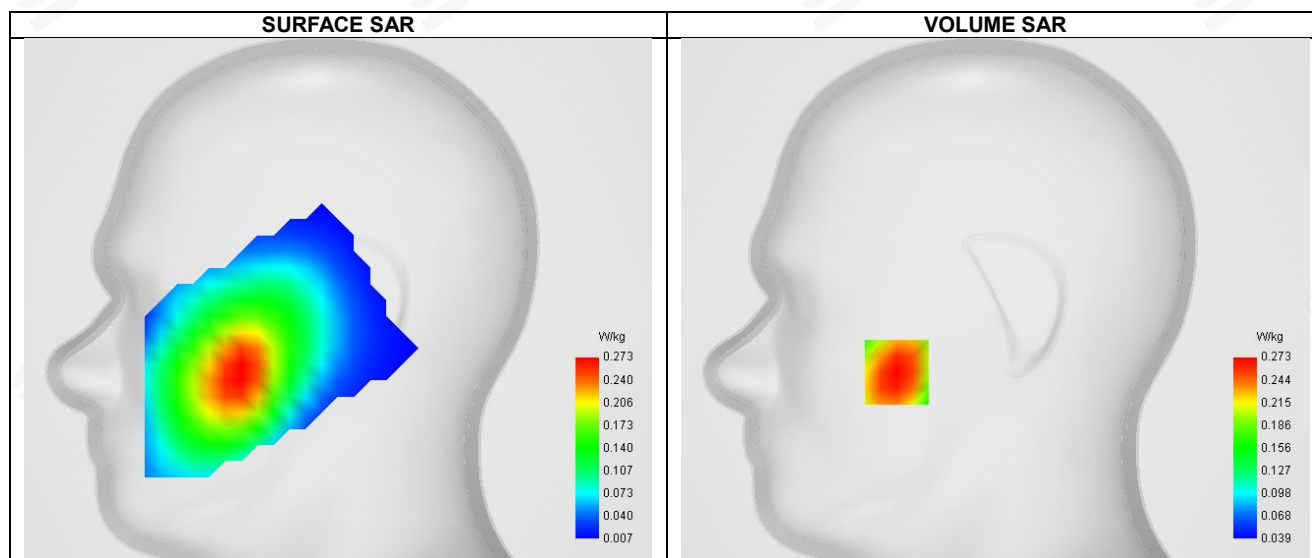


F. 3D Image



Plot 21: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	SA N5
Signal	NR (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.73
Conductivity (S/m)	0.88



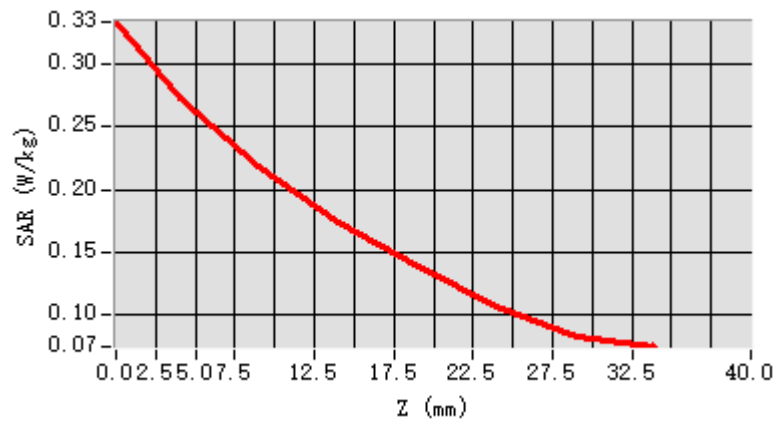
Maximum location: X=-49.00, Y=-36.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

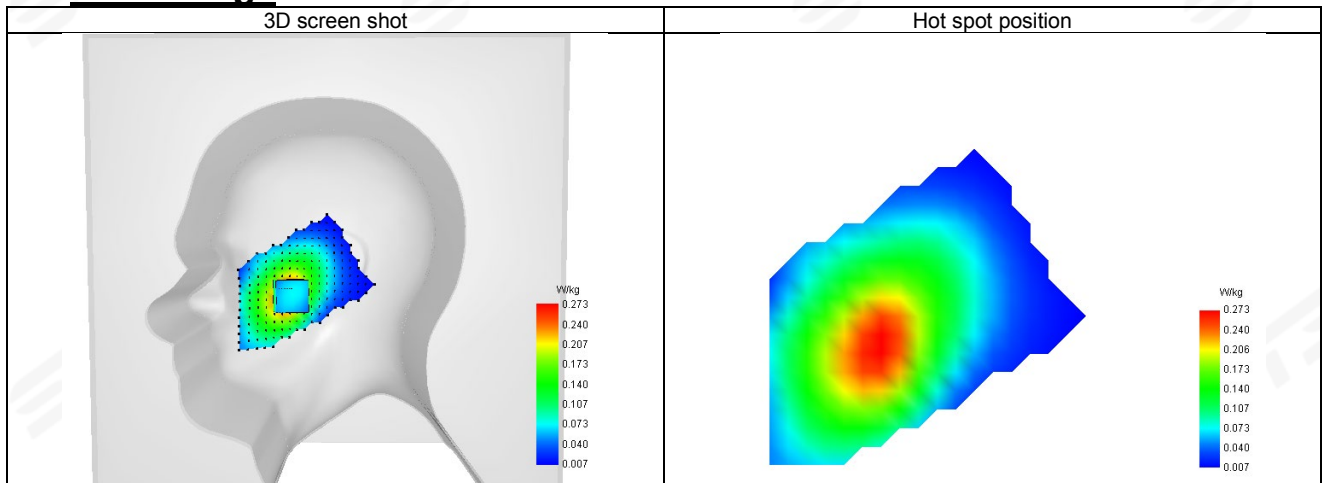
SAR 10g (W/Kg)	0.197
SAR 1g (W/Kg)	0.266
Horizontal validation criteria: minimum distance (mm)	12.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.335210

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.334	0.273	0.218	0.174	0.139	0.106	0.083

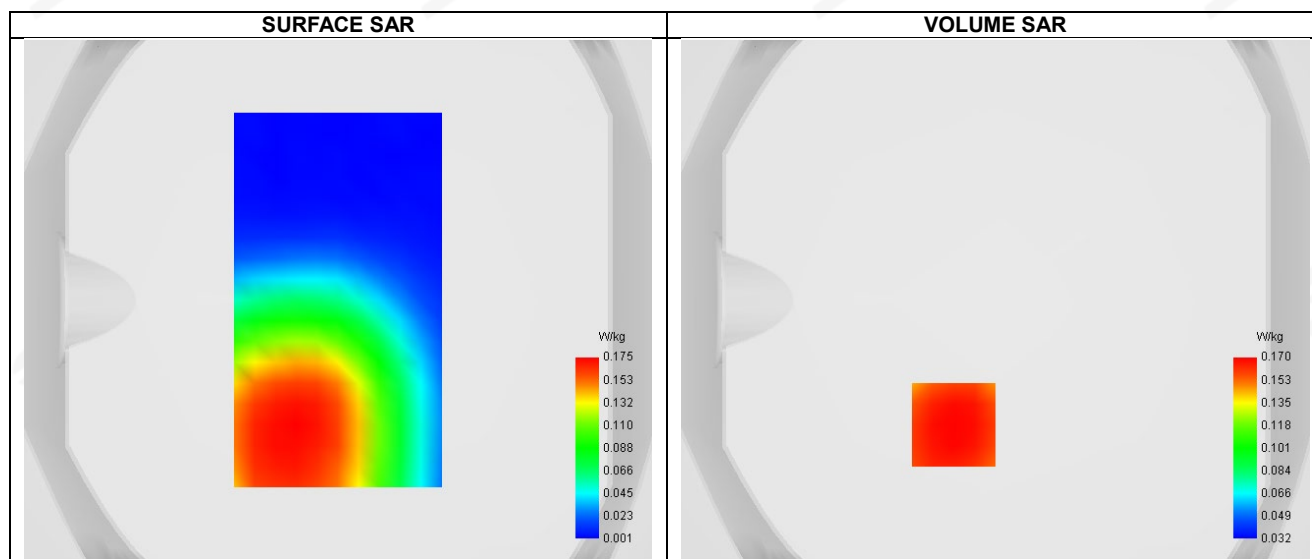


F. 3D Image



**Plot 22: DUT: Smart Phone; EUT Model: WP62**

Test Date	2025-08-12
ConvF	1.44
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	SA N5
Signal	NR (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.73
Conductivity (S/m)	0.88



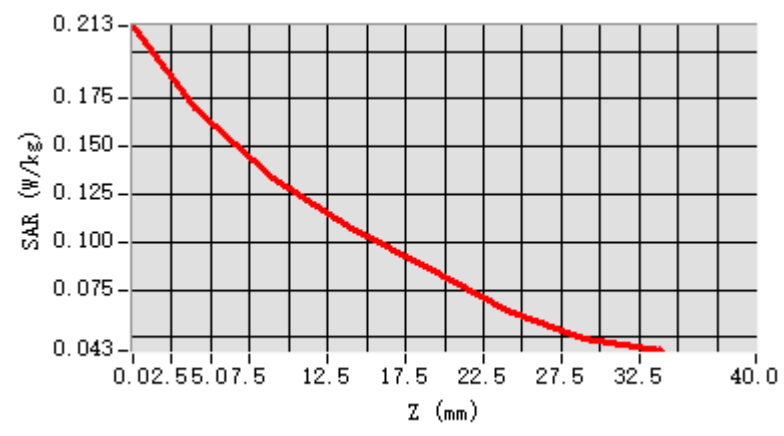
Maximum location: X=-16.00, Y=-48.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

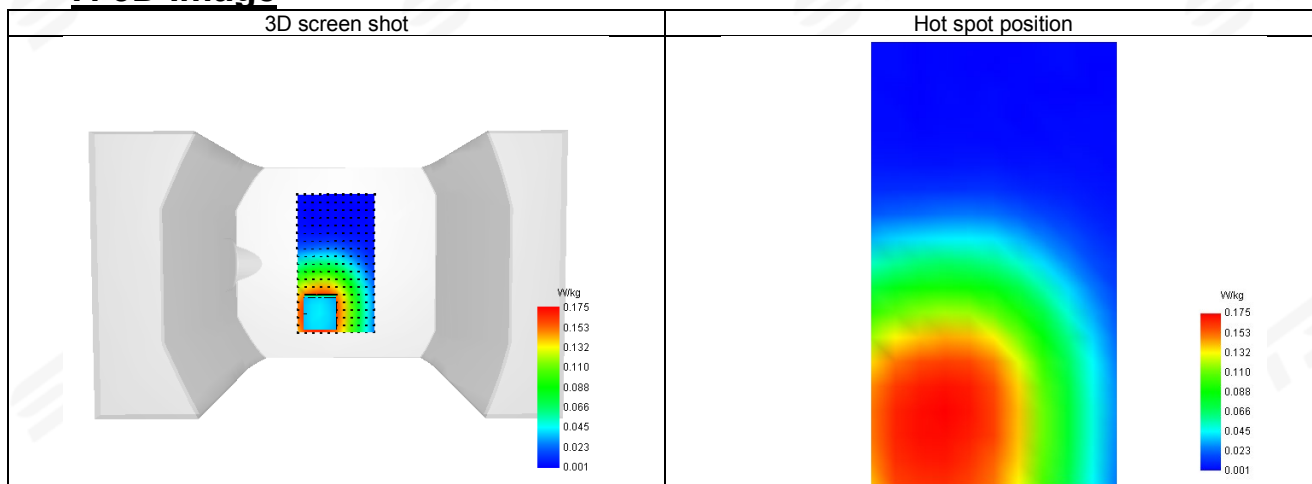
SAR 10g (W/Kg)	0.127
SAR 1g (W/Kg)	0.168
Horizontal validation criteria: minimum distance (mm)	12.110415
Vertical validation criteria: SAR ratio M2/M1 (%)	69.552104

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.213	0.170	0.134	0.107	0.086	0.064	0.049

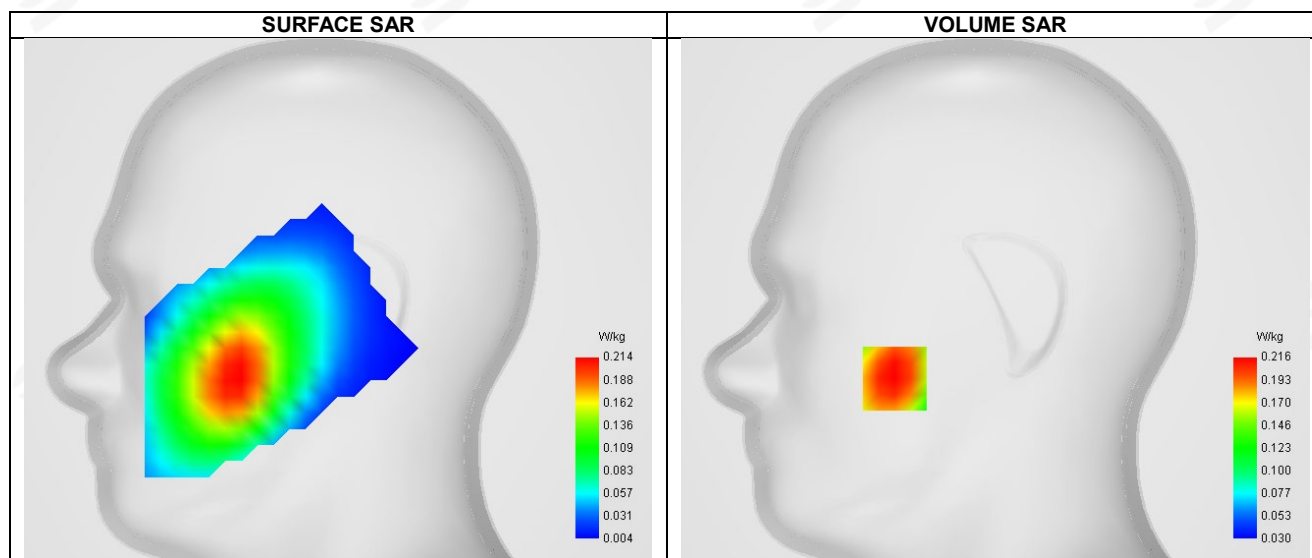


F. 3D Image



Plot 23: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-17
ConvF	1.46
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	NSA N78
Signal	NR (Crest factor: 1.0)
Frequency (MHz)	3600
Relative permittivity (real part)	39.12
Conductivity (S/m)	3.01



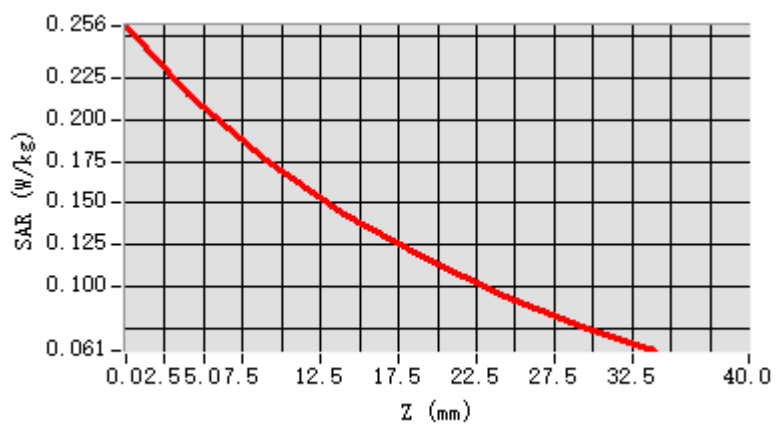
Maximum location: X=-50.00, Y=-39.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

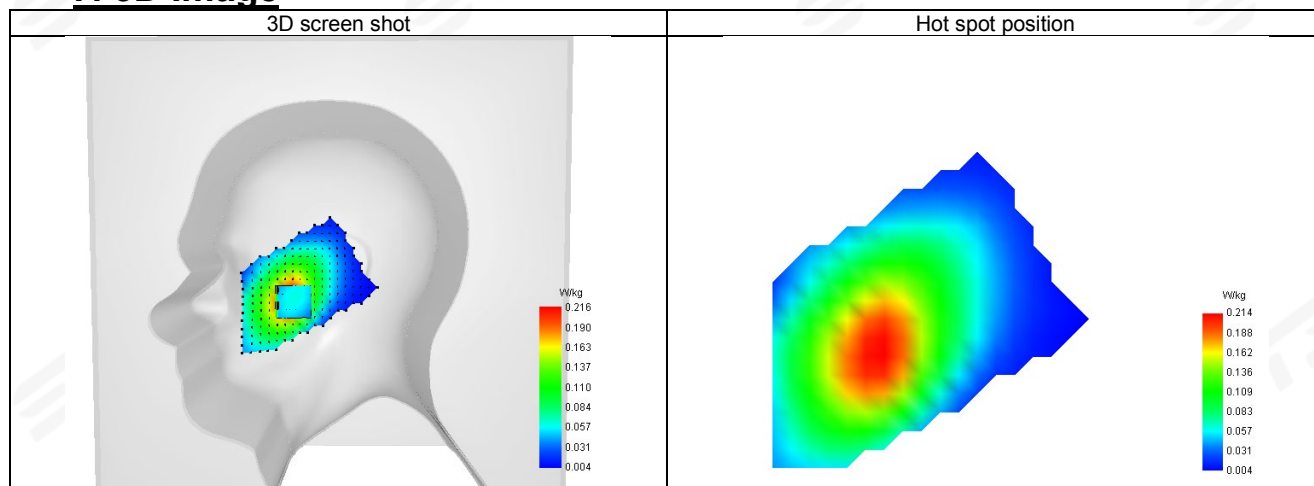
SAR 10g (W/Kg)	0.161
SAR 1g (W/Kg)	0.210
Horizontal validation criteria: minimum distance (mm)	12.360014
Vertical validation criteria: SAR ratio M2/M1 (%)	66.521405

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.256	0.216	0.175	0.143	0.117	0.095	0.077

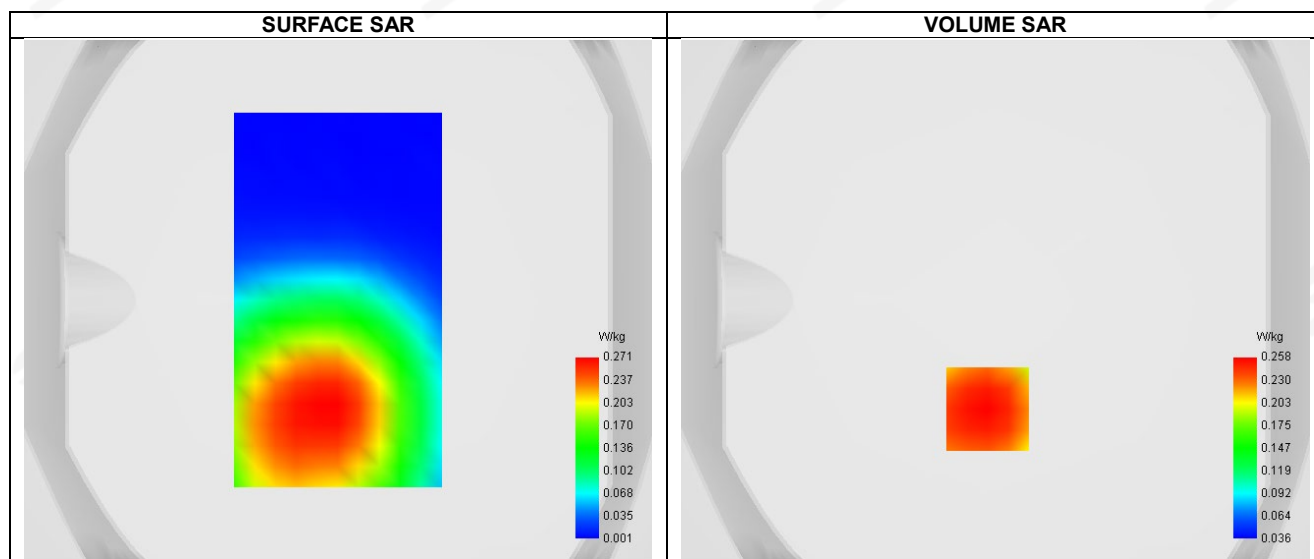


F. 3D Image



**Plot 24: DUT: Smart Phone; EUT Model: WP62**

Test Date	2025-08-17
ConvF	1.46
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	NSA N78
Signal	NR (Crest factor: 1.0)
Frequency (MHz)	3600
Relative permittivity (real part)	39.12
Conductivity (S/m)	3.01



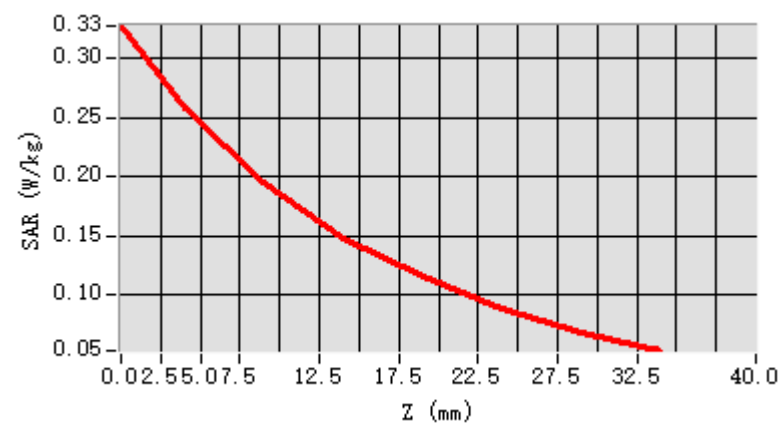
Maximum location: X=-3.00, Y=-42.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

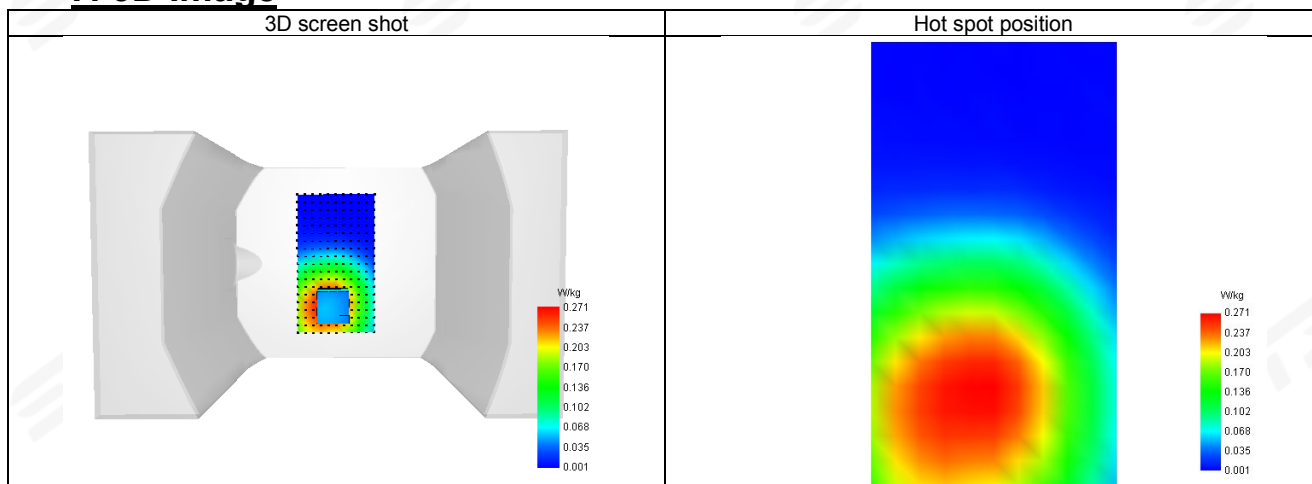
SAR 10g (W/Kg)	0.185
SAR 1g (W/Kg)	0.251
Horizontal validation criteria: minimum distance (mm)	12.662501
Vertical validation criteria: SAR ratio M2/M1 (%)	75.581150

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.327	0.258	0.195	0.148	0.116	0.089	0.068

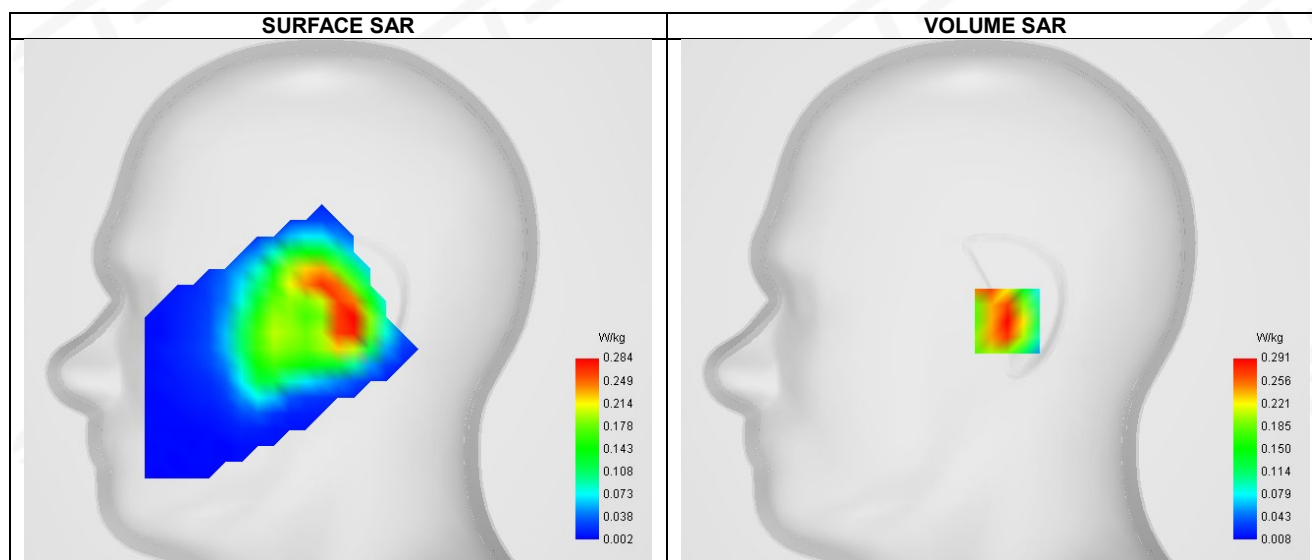


F. 3D Image



Plot 25: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-16
	1.80
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	2.4G WLAN
Signal	802.11g (Crest factor: 1.0)
Frequency (MHz)	2462
Relative permittivity (real part)	40.35
Conductivity (S/m)	1.87



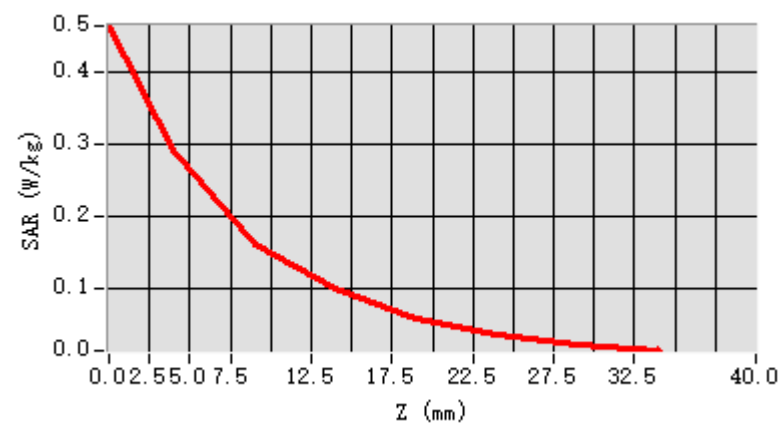
Maximum location: X=6.00, Y=-10.00 ; SAR Peak: 0.46 W/kg

D. SAR 1g & 10g

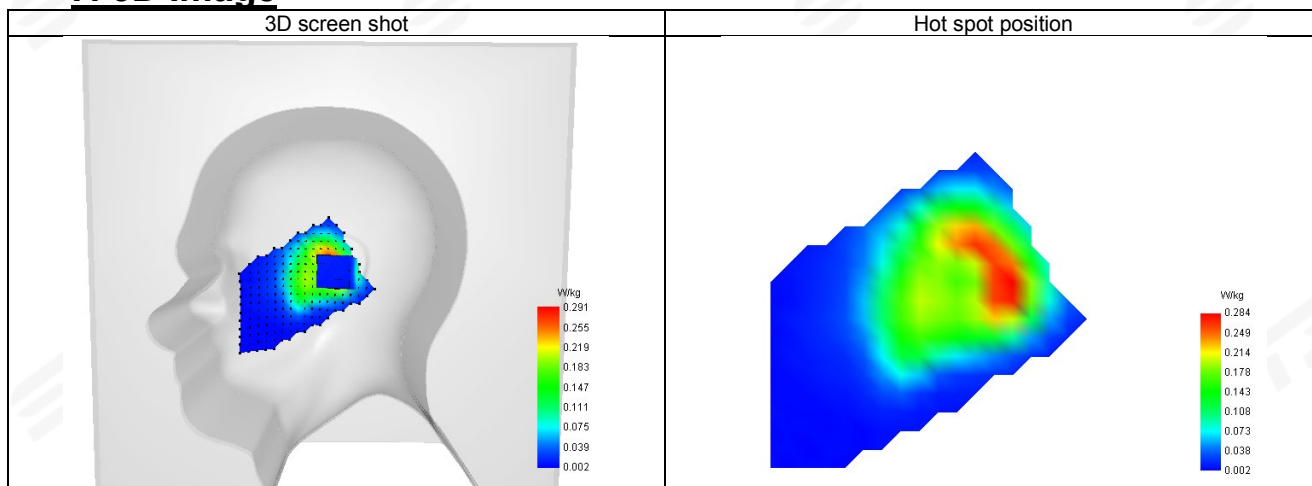
SAR 10g (W/Kg)	0.138
SAR 1g (W/Kg)	0.315
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.318554

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.463	0.291	0.161	0.098	0.058	0.034	0.020



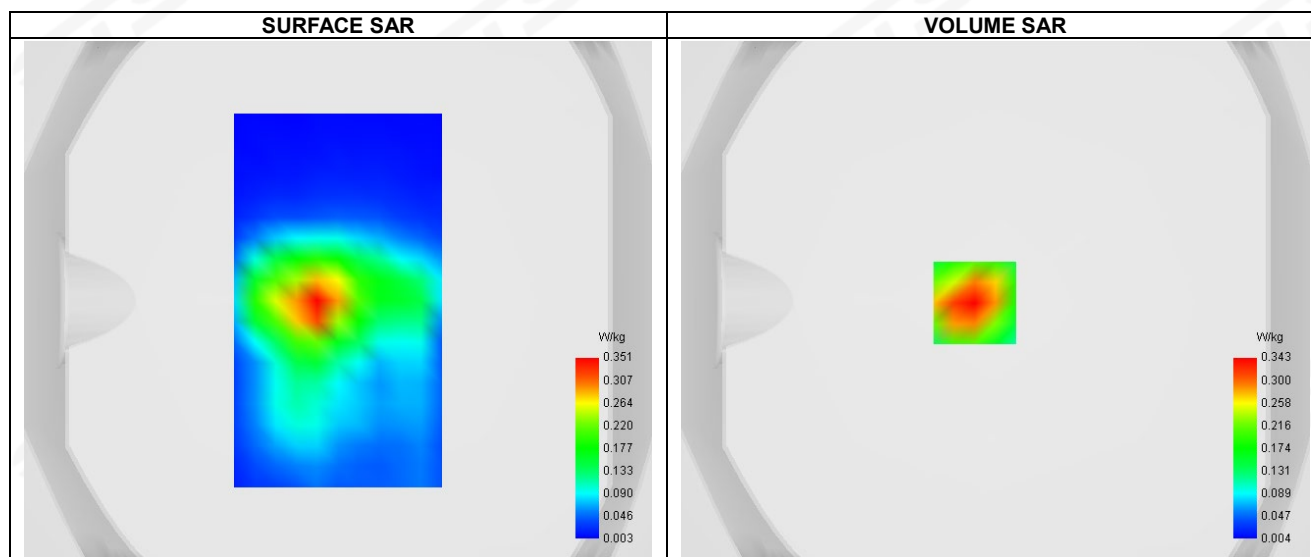
F. 3D Image





Plot 26: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-16
ConvF	1.80
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	2.4G WLAN
Signal	802.11g (Crest factor: 1.0)
Frequency (MHz)	2462
Relative permittivity (real part)	40.35
Conductivity (S/m)	1.87



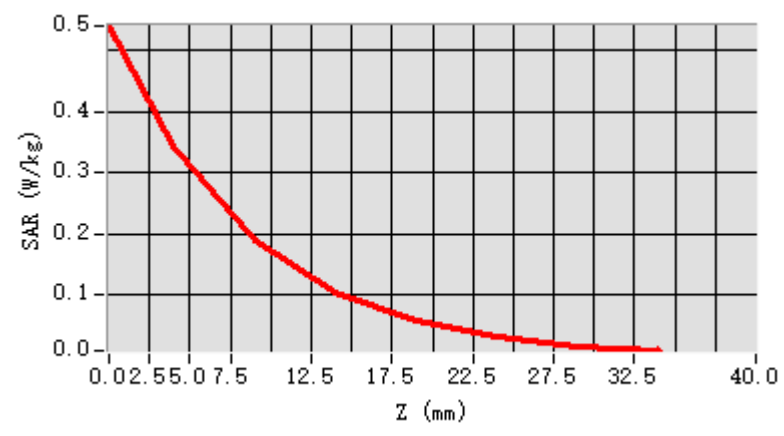
Maximum location: X=-8.00, Y=-1.00 ; SAR Peak: 0.55 W/kg

D. SAR 1g & 10g

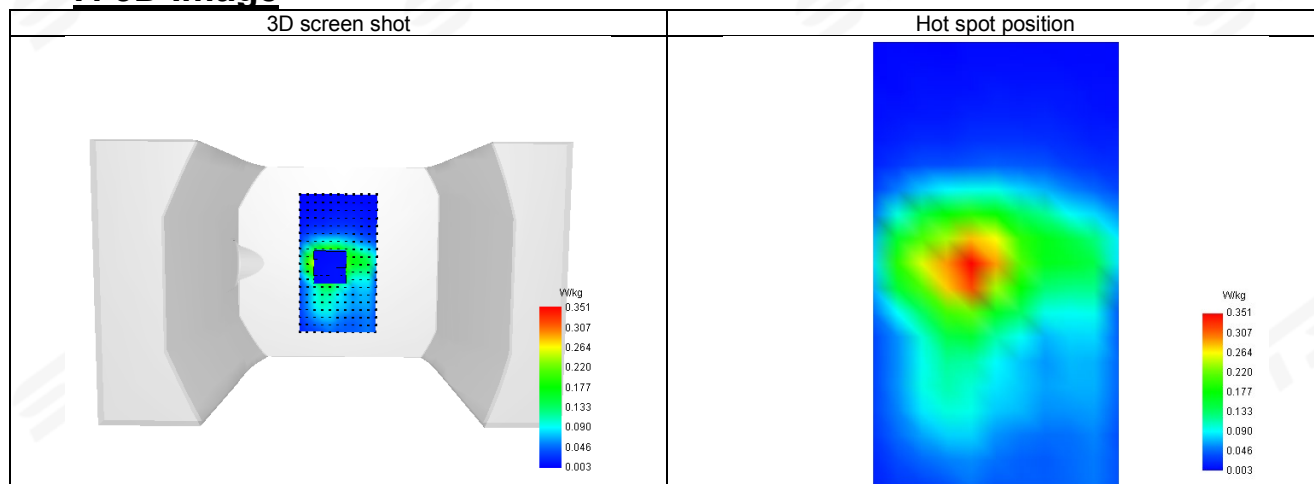
SAR 10g (W/Kg)	0.172
SAR 1g (W/Kg)	0.325
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	55.016670

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.539	0.343	0.189	0.105	0.058	0.032	0.018

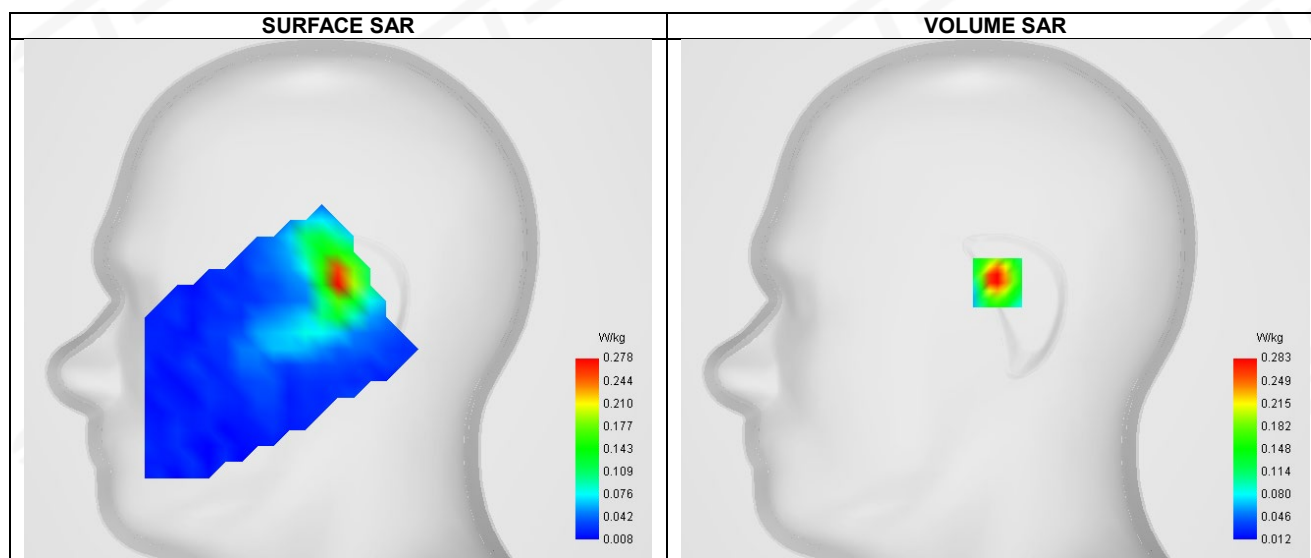


F. 3D Image



Plot 27: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-19
ConvF	1.33
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	5.2G WIFI
Signal	802.11a (Crest factor: 1.0)
Frequency (MHz)	5240
Relative permittivity (real part)	36.10
Conductivity (S/m)	4.66



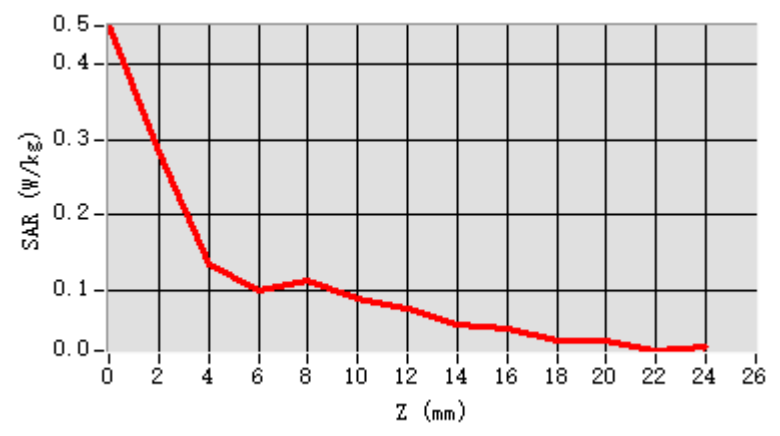
Maximum location: X=1.00, Y=9.00 ; SAR Peak: 0.80 W/kg

D. SAR 1g & 10g

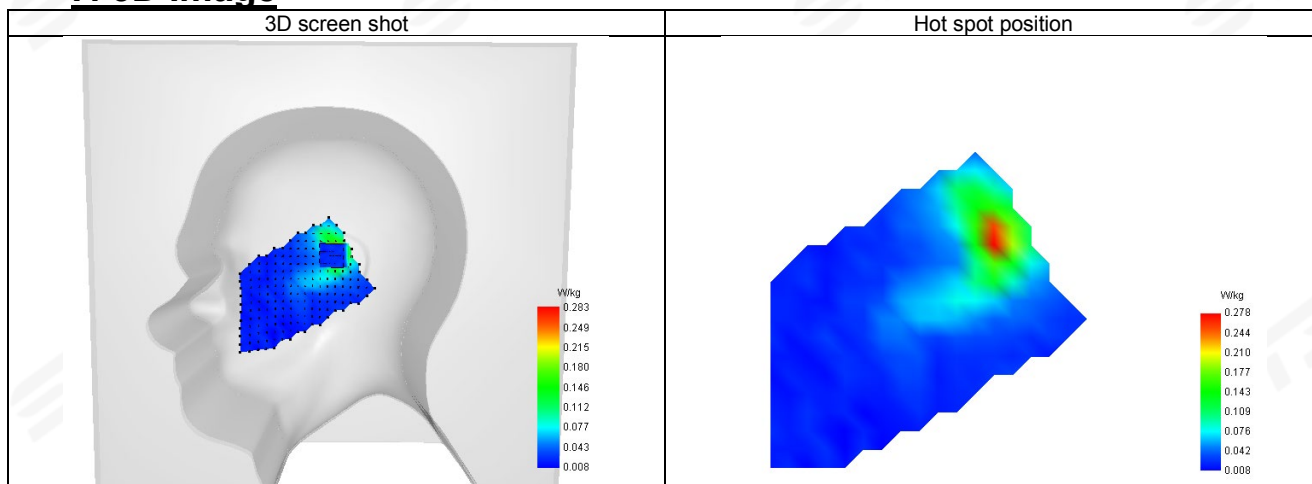
SAR 10g (W/Kg)	0.127
SAR 1g (W/Kg)	0.322
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	59.843532

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR (W/Kg)	0.452	0.283	0.135	0.100	0.112	0.087	0.074	0.052	0.049	0.032	0.033	0.019	0.019

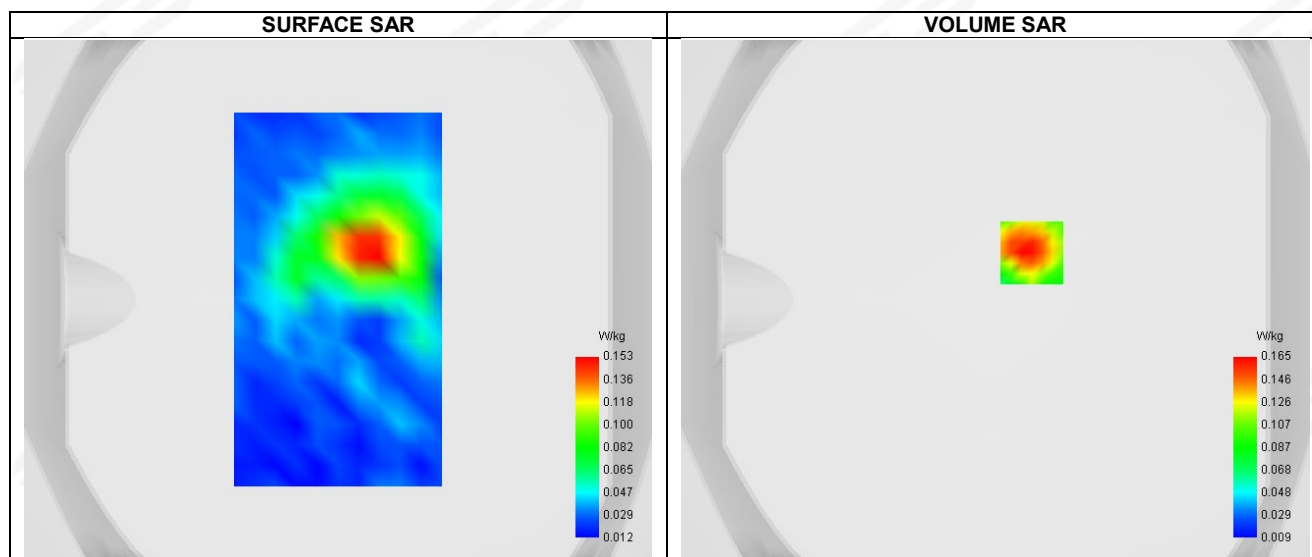


F. 3D Image



Plot 28: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-19
ConvF	1.33
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	5.2G WIFI
Signal	802.11a (Crest factor: 1.0)
Frequency (MHz)	5240
Relative permittivity (real part)	36.10
Conductivity (S/m)	4.66



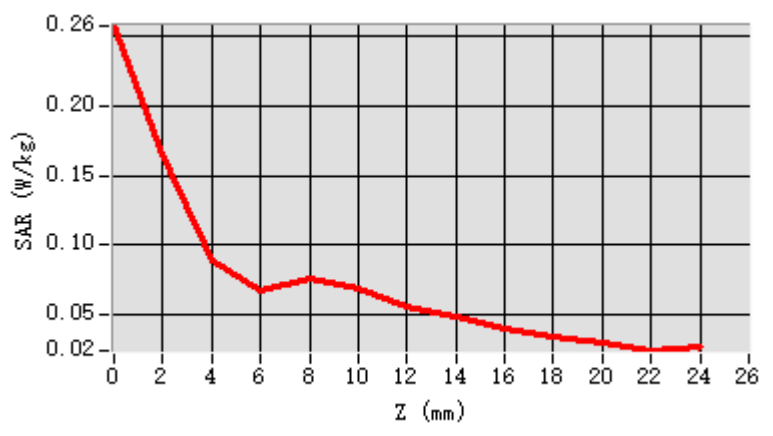
Maximum location: X=14.00, Y=18.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

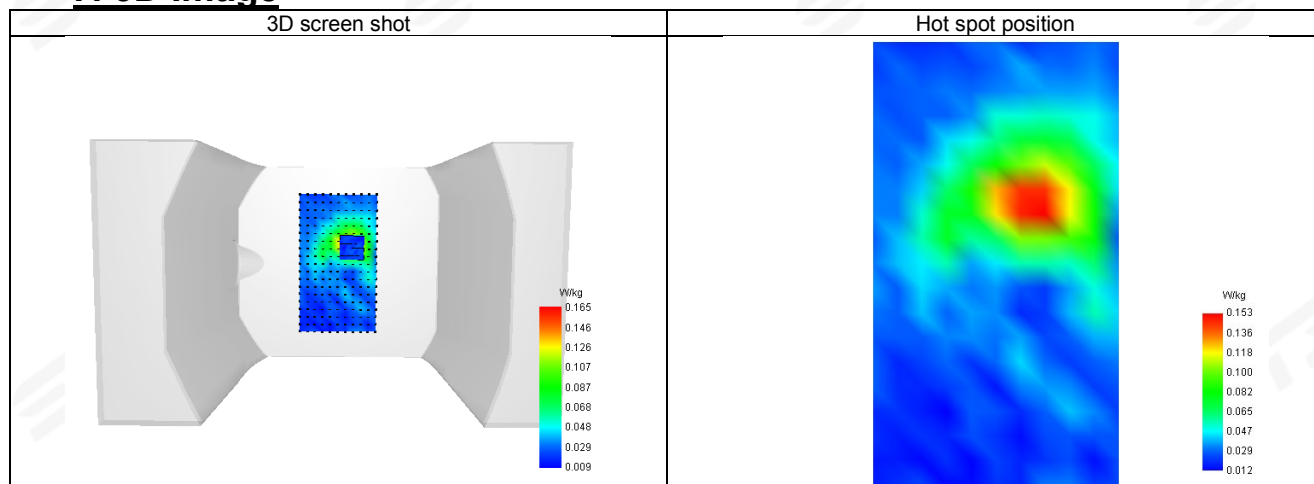
SAR 10g (W/Kg)	0.062
SAR 1g (W/Kg)	0.128
Horizontal validation criteria: minimum distance (mm)	12.649111
Vertical validation criteria: SAR ratio M2/M1 (%)	61.102739

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR (W/Kg)	0.257	0.165	0.089	0.068	0.076	0.069	0.056	0.049	0.041	0.035	0.030	0.025	0.025

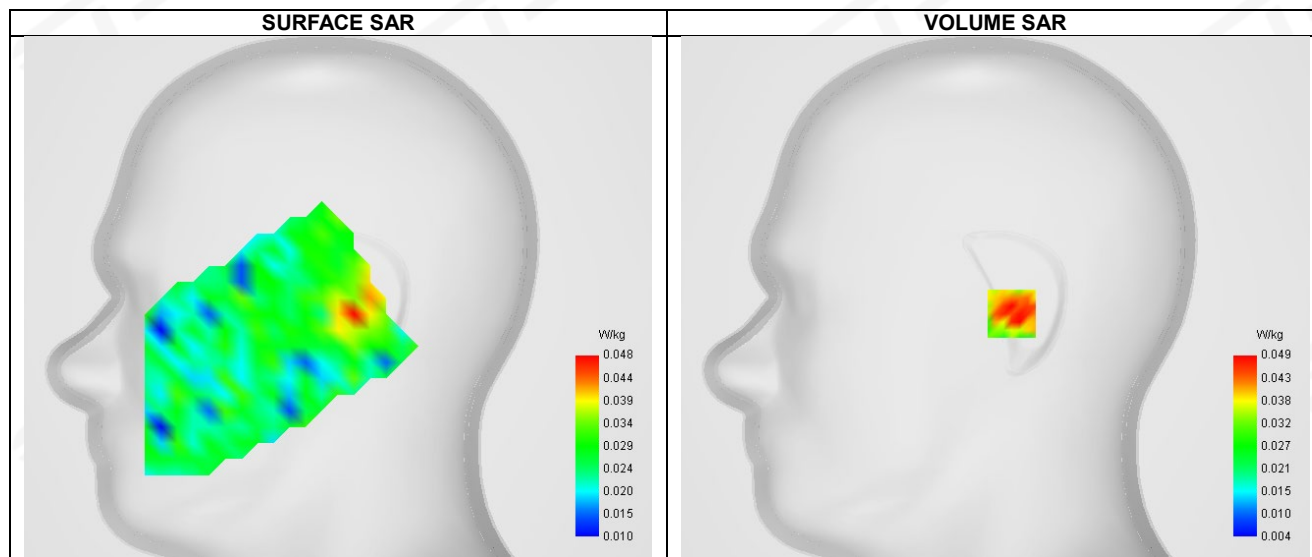


F. 3D Image



Plot 29: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-19
ConvF	1.35
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	5.8G WIFI
Signal	802.11a (Crest factor: 1.0)
Frequency (MHz)	5825
Relative permittivity (real part)	35.71
Conductivity (S/m)	5.28



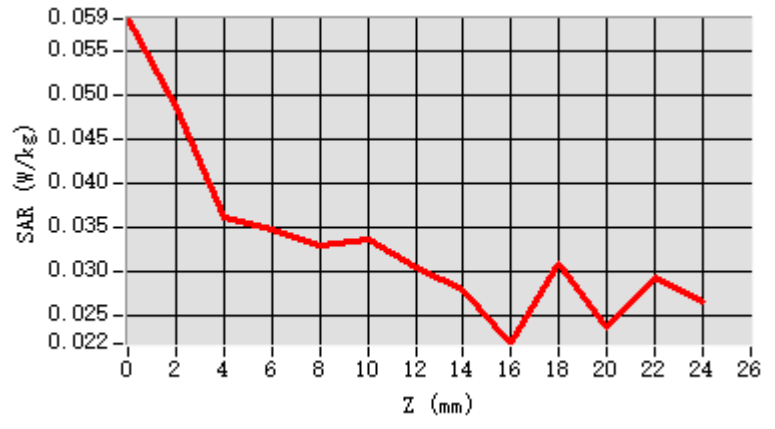
Maximum location: X=8.00, Y=-8.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

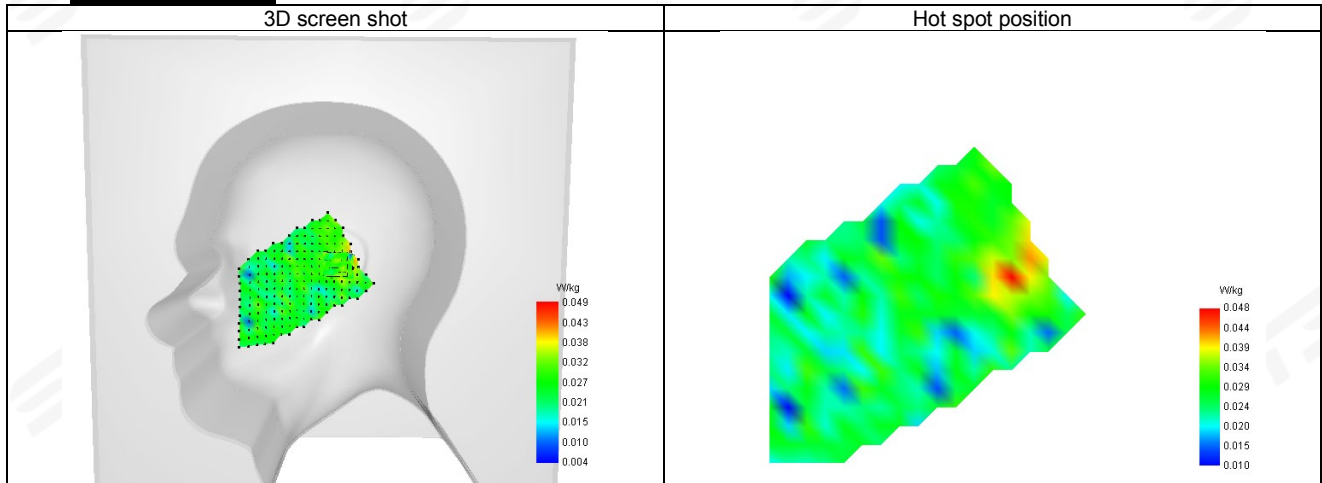
SAR 10g (W/Kg)	0.028
SAR 1g (W/Kg)	0.053
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	81.455032

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR (W/Kg)	0.059	0.049	0.036	0.035	0.033	0.034	0.030	0.028	0.022	0.031	0.023	0.029	0.029



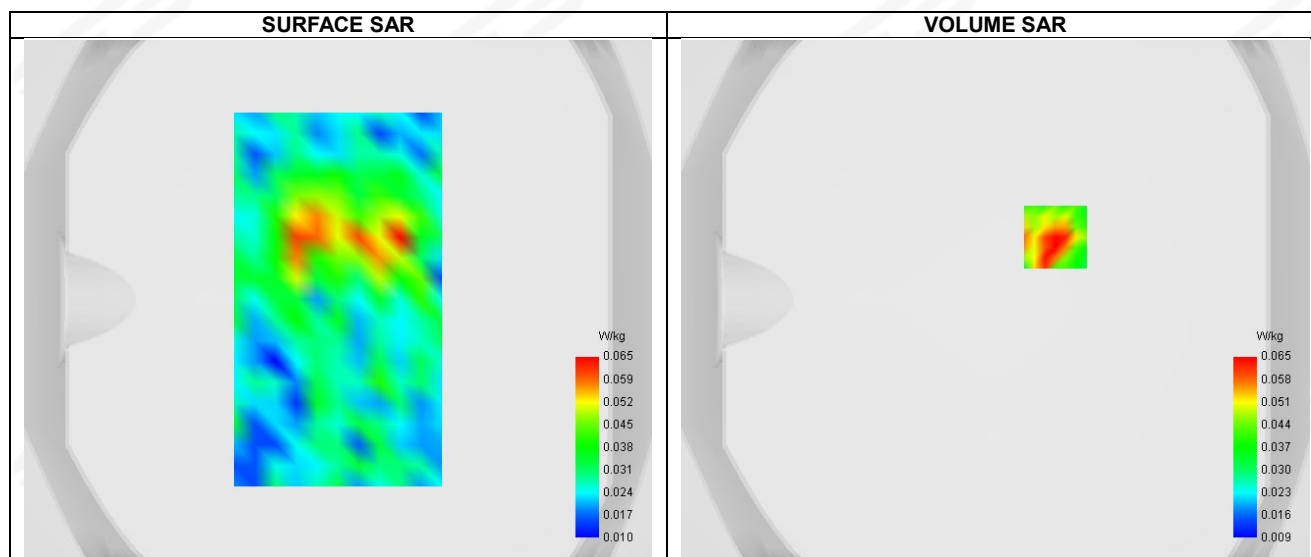
F. 3D Image





Plot 30: DUT: Smart Phone; EUT Model: WP62

Test Date	2025-08-19
ConvF	1.35
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	5.8G WIFI
Signal	802.11a (Crest factor: 1.0)
Frequency (MHz)	5825
Relative permittivity (real part)	35.71
Conductivity (S/m)	5.28



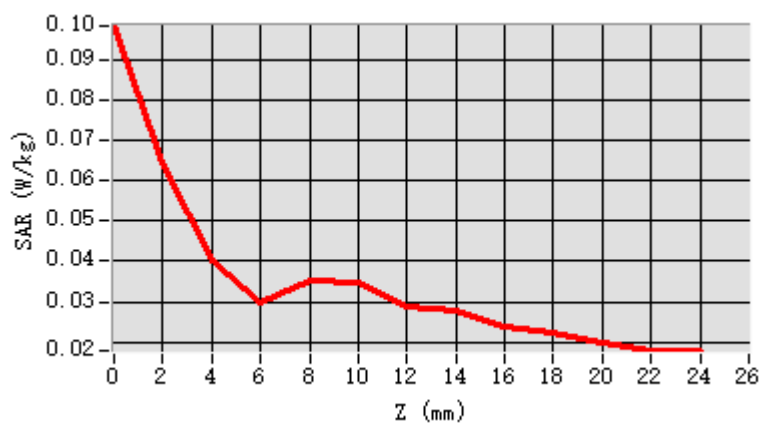
Maximum location: X=23.00, Y=24.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

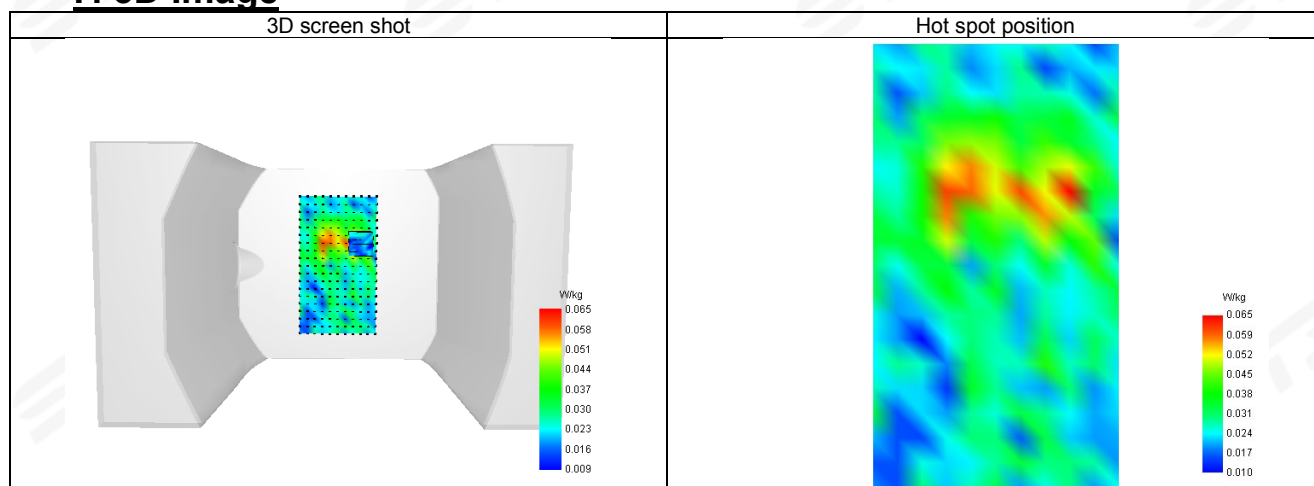
SAR 10g (W/Kg)	0.029
SAR 1g (W/Kg)	0.053
Horizontal validation criteria: minimum distance (mm)	12.365201
Vertical validation criteria: SAR ratio M2/M1 (%)	61.538251

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.098	0.065	0.040	0.030	0.035	0.035	0.029	0.028	0.024	0.022	0.020	0.018



F. 3D Image





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※END OF THE REPORT※※※※