

Report No.: WSCT-ANAB-R&E241200075A-SAR SAR Evaluation Report

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
N41	Front	1RB	0.112	0.009	0.159	0.036	0.271	1.6
	Back		0.205	0.015	0.298	0.045	0.503	
	Left		0.042	0.005	0.066	0.023	0.108	
	right		0.071	0.002	0.021	0.002	0.092	
	Top		0.003	0.006	0.035	0.019	0.038	
	Bottom		0.021	0.003	0.006	0.004	0.027	
	Front	50%RB	0.089	0.009	0.159	0.036	0.248	
	Back		0.156	0.015	0.298	0.045	0.454	
	Left		0.021	0.005	0.066	0.023	0.087	
	right		0.043	0.002	0.021	0.002	0.064	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.010	0.003	0.006	0.004	0.016	
N66	Front	1RB	0.200	0.009	0.159	0.036	0.359	
	Back		0.238	0.015	0.298	0.045	0.536	
	Left		0.047	0.005	0.066	0.023	0.113	
	right		0.071	0.002	0.021	0.002	0.092	
	Top		0.005	0.006	0.035	0.019	0.040	
	Bottom		0.078	0.003	0.006	0.004	0.084	
	Front	50%RB	0.145	0.009	0.159	0.036	0.304	
	Back		0.168	0.015	0.298	0.045	0.466	
	Left		0.026	0.005	0.066	0.023	0.092	
	right		0.042	0.002	0.021	0.002	0.063	
	Top		0.003	0.006	0.035	0.019	0.038	
	Bottom		0.054	0.003	0.006	0.004	0.060	
N71	Front	1RB	0.181	0.009	0.159	0.036	0.340	
	Back		0.216	0.015	0.298	0.045	0.514	
	Left		0.032	0.005	0.066	0.023	0.098	
	right		0.040	0.002	0.021	0.002	0.061	
	Top		0.007	0.006	0.035	0.019	0.042	
	Bottom		0.066	0.003	0.006	0.004	0.072	
	Front	50%RB	0.144	0.009	0.159	0.036	0.303	
	Back		0.167	0.015	0.298	0.045	0.465	
	Left		0.018	0.005	0.066	0.023	0.084	
	right		0.023	0.002	0.021	0.002	0.044	
	Top		0.004	0.006	0.035	0.019	0.039	
	Bottom		0.039	0.003	0.006	0.004	0.045	
N77	Front	1RB	0.157	0.009	0.159	0.036	0.316	
	Back		0.205	0.015	0.298	0.045	0.503	
	Left		0.067	0.005	0.066	0.023	0.133	
	right		0.009	0.002	0.021	0.002	0.030	
	Top		0.048	0.006	0.035	0.019	0.083	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.118	0.009	0.159	0.036	0.277	
	Back		0.144	0.015	0.298	0.045	0.442	
	Left		0.037	0.005	0.066	0.023	0.103	
	right		0.004	0.002	0.021	0.002	0.025	
	Top		0.023	0.006	0.035	0.019	0.058	
	Bottom		0.002	0.003	0.006	0.004	0.008	
N77	Front	1RB	0.135	0.009	0.159	0.036	0.294	
	Back		0.163	0.015	0.298	0.045	0.461	
	Left		0.045	0.005	0.066	0.023	0.111	
	right		0.010	0.002	0.021	0.002	0.031	
	Top		0.026	0.006	0.035	0.019	0.061	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.090	0.009	0.159	0.036	0.249	
	Back		0.115	0.015	0.298	0.045	0.413	
	Left		0.027	0.005	0.066	0.023	0.093	
	right		0.006	0.002	0.021	0.002	0.027	
	Top		0.014	0.006	0.035	0.019	0.049	
	Bottom		0.002	0.003	0.006	0.004	0.008	

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N77	Front	1RB	0.047	0.009	0.159	0.036	0.206
	Back		0.076	0.015	0.298	0.045	0.374
	Left		0.024	0.005	0.066	0.023	0.090
	right		0.005	0.002	0.021	0.002	0.026
	Top		0.017	0.006	0.035	0.019	0.052
	Bottom		0.002	0.003	0.006	0.004	0.008
	Front	50%RB	0.027	0.009	0.159	0.036	0.186
	Back		0.044	0.015	0.298	0.045	0.342
	Left		0.014	0.005	0.066	0.023	0.080
	right		0.002	0.002	0.021	0.002	0.023
	Top		0.010	0.006	0.035	0.019	0.045
	Bottom		0.002	0.003	0.006	0.004	0.008
N78	Front	1RB	0.049	0.009	0.159	0.036	0.208
	Back		0.065	0.015	0.298	0.045	0.363
	Left		0.028	0.005	0.066	0.023	0.094
	right		0.005	0.002	0.021	0.002	0.026
	Top		0.020	0.006	0.035	0.019	0.055
	Bottom		0.003	0.003	0.006	0.004	0.009
	Front	50%RB	0.027	0.009	0.159	0.036	0.186
	Back		0.036	0.015	0.298	0.045	0.334
	Left		0.015	0.005	0.066	0.023	0.081
	right		0.003	0.002	0.021	0.002	0.024
	Top		0.009	0.006	0.035	0.019	0.044
	Bottom		0.002	0.003	0.006	0.004	0.008
N78	Front	1RB	0.038	0.009	0.159	0.036	0.197
	Back		0.053	0.015	0.298	0.045	0.351
	Left		0.021	0.005	0.066	0.023	0.087
	right		0.005	0.002	0.021	0.002	0.026
	Top		0.022	0.006	0.035	0.019	0.057
	Bottom		0.007	0.003	0.006	0.004	0.013
	Front	50%RB	0.020	0.009	0.159	0.036	0.179
	Back		0.026	0.015	0.298	0.045	0.324
	Left		0.010	0.005	0.066	0.023	0.076
	right		0.002	0.002	0.021	0.002	0.023
	Top		0.013	0.006	0.035	0.019	0.048
	Bottom		0.003	0.003	0.006	0.004	0.009
N78	Front	1RB	0.025	0.009	0.159	0.036	0.184
	Back		0.041	0.015	0.298	0.045	0.339
	Left		0.017	0.005	0.066	0.023	0.083
	right		0.005	0.002	0.021	0.002	0.026
	Top		0.020	0.006	0.035	0.019	0.055
	Bottom		0.002	0.003	0.006	0.004	0.008
	Front	50%RB	0.017	0.009	0.159	0.036	0.176
	Back		0.025	0.015	0.298	0.045	0.323
	Left		0.010	0.005	0.066	0.023	0.076
	right		0.003	0.002	0.021	0.002	0.024
	Top		0.012	0.006	0.035	0.019	0.047
	Bottom		0.002	0.003	0.006	0.004	0.008
2-n7	Front	1RB	0.297	0.009	0.159	0.036	0.456
	Back		0.302	0.015	0.298	0.045	0.600
	Left		0.144	0.005	0.066	0.023	0.210
	right		0.081	0.002	0.021	0.002	0.102
	Top		0.076	0.006	0.035	0.019	0.111
	Bottom		0.003	0.003	0.006	0.004	0.009
	Front	50%RB	0.263	0.009	0.159	0.036	0.422
	Back		0.276	0.015	0.298	0.045	0.574
	Left		0.126	0.005	0.066	0.023	0.192
	right		0.064	0.002	0.021	0.002	0.085
	Top		0.059	0.006	0.035	0.019	0.094
	Bottom		0.002	0.003	0.006	0.004	0.008

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Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Limit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
2-n66	Front	1RB	0.222	0.009	0.159	0.036	0.381	1.6
	Back		0.238	0.015	0.298	0.045	0.536	
	Left		0.105	0.005	0.066	0.023	0.171	
	right		0.067	0.002	0.021	0.002	0.088	
	Top		0.043	0.006	0.035	0.019	0.078	
	Bottom		0.004	0.003	0.006	0.004	0.010	
	Front	50%RB	0.185	0.009	0.159	0.036	0.344	
	Back		0.219	0.015	0.298	0.045	0.517	
	Left		0.092	0.005	0.066	0.023	0.158	
	right		0.056	0.002	0.021	0.002	0.077	
	Top		0.038	0.006	0.035	0.019	0.073	
	Bottom		0.002	0.003	0.006	0.004	0.008	
2-n78	Front	1RB	0.285	0.009	0.159	0.036	0.444	1.6
	Back		0.314	0.015	0.298	0.045	0.612	
	Left		0.155	0.005	0.066	0.023	0.221	
	right		0.068	0.002	0.021	0.002	0.089	
	Top		0.178	0.006	0.035	0.019	0.213	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.219	0.009	0.159	0.036	0.378	
	Back		0.247	0.015	0.298	0.045	0.545	
	Left		0.104	0.005	0.066	0.023	0.170	
	right		0.048	0.002	0.021	0.002	0.069	
	Top		0.128	0.006	0.035	0.019	0.163	
	Bottom		0.002	0.003	0.006	0.004	0.008	
4-n7	Front	1RB	0.056	0.009	0.159	0.036	0.215	1.6
	Back		0.064	0.015	0.298	0.045	0.362	
	Left		0.037	0.005	0.066	0.023	0.103	
	right		0.008	0.002	0.021	0.002	0.029	
	Top		0.033	0.006	0.035	0.019	0.068	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.046	0.009	0.159	0.036	0.205	
	Back		0.051	0.015	0.298	0.045	0.349	
	Left		0.023	0.005	0.066	0.023	0.089	
	right		0.003	0.002	0.021	0.002	0.024	
	Top		0.021	0.006	0.035	0.019	0.056	
	Bottom		0.002	0.003	0.006	0.004	0.008	
4-n41	Front	1RB	0.054	0.009	0.159	0.036	0.213	1.6
	Back		0.063	0.015	0.298	0.045	0.361	
	Left		0.027	0.005	0.066	0.023	0.093	
	right		0.012	0.002	0.021	0.002	0.033	
	Top		0.023	0.006	0.035	0.019	0.058	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.050	0.009	0.159	0.036	0.209	
	Back		0.055	0.015	0.298	0.045	0.353	
	Left		0.022	0.005	0.066	0.023	0.088	
	right		0.010	0.002	0.021	0.002	0.031	
	Top		0.021	0.006	0.035	0.019	0.056	
	Bottom		0.002	0.003	0.006	0.004	0.008	
4-n78	Front	1RB	0.068	0.009	0.159	0.036	0.227	1.6
	Back		0.091	0.015	0.298	0.045	0.389	
	Left		0.046	0.005	0.066	0.023	0.112	
	right		0.014	0.002	0.021	0.002	0.035	
	Top		0.044	0.006	0.035	0.019	0.079	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.551	0.009	0.159	0.036	0.710	
	Back		0.076	0.015	0.298	0.045	0.374	
	Left		0.036	0.005	0.066	0.023	0.102	
	right		0.011	0.002	0.021	0.002	0.032	
	Top		0.038	0.006	0.035	0.019	0.073	
	Bottom		0.002	0.003	0.006	0.004	0.008	

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Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WiFi2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
5-n7	Front	1RB	0.325	0.009	0.159	0.036	0.484	1.6
	Back		0.371	0.015	0.298	0.045	0.669	
	Left		0.053	0.005	0.066	0.023	0.119	
	right		0.177	0.002	0.021	0.002	0.198	
	Top		0.005	0.006	0.035	0.019	0.040	
	Bottom		0.134	0.003	0.006	0.004	0.140	
	Front	50%RB	0.247	0.009	0.159	0.036	0.406	
	Back		0.277	0.015	0.298	0.045	0.575	
	Left		0.040	0.005	0.066	0.023	0.106	
	right		0.133	0.002	0.021	0.002	0.154	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.113	0.003	0.006	0.004	0.119	
5-n38	Front	1RB	0.106	0.009	0.159	0.036	0.265	
	Back		0.186	0.015	0.298	0.045	0.484	
	Left		0.022	0.005	0.066	0.023	0.088	
	right		0.073	0.002	0.021	0.002	0.094	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.038	0.003	0.006	0.004	0.044	
	Front	50%RB	0.077	0.009	0.159	0.036	0.236	
	Back		0.149	0.015	0.298	0.045	0.447	
	Left		0.014	0.005	0.066	0.023	0.080	
	right		0.056	0.002	0.021	0.002	0.077	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.027	0.003	0.006	0.004	0.033	
5-n41	Front	1RB	0.131	0.009	0.159	0.036	0.290	
	Back		0.173	0.015	0.298	0.045	0.471	
	Left		0.023	0.005	0.066	0.023	0.089	
	right		0.076	0.002	0.021	0.002	0.097	
	Top		0.003	0.006	0.035	0.019	0.038	
	Bottom		0.029	0.003	0.006	0.004	0.035	
	Front	50%RB	0.105	0.009	0.159	0.036	0.264	
	Back		0.135	0.015	0.298	0.045	0.433	
	Left		0.017	0.005	0.066	0.023	0.083	
	right		0.062	0.002	0.021	0.002	0.083	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.020	0.003	0.006	0.004	0.026	
5-n66	Front	1RB	0.221	0.009	0.159	0.036	0.380	
	Back		0.294	0.015	0.298	0.045	0.592	
	Left		0.027	0.005	0.066	0.023	0.093	
	right		0.132	0.002	0.021	0.002	0.153	
	Top		0.003	0.006	0.035	0.019	0.038	
	Bottom		0.048	0.003	0.006	0.004	0.054	
	Front	50%RB	0.150	0.009	0.159	0.036	0.309	
	Back		0.234	0.015	0.298	0.045	0.532	
	Left		0.020	0.005	0.066	0.023	0.086	
	right		0.100	0.002	0.021	0.002	0.121	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.038	0.003	0.006	0.004	0.044	
5-n77	Front	1RB	0.083	0.009	0.159	0.036	0.242	
	Back		0.138	0.015	0.298	0.045	0.436	
	Left		0.034	0.005	0.066	0.023	0.100	
	right		0.064	0.002	0.021	0.002	0.085	
	Top		0.003	0.006	0.035	0.019	0.038	
	Bottom		0.030	0.003	0.006	0.004	0.036	
	Front	50%RB	0.063	0.009	0.159	0.036	0.222	
	Back		0.102	0.015	0.298	0.045	0.400	
	Left		0.018	0.005	0.066	0.023	0.084	
	right		0.039	0.002	0.021	0.002	0.060	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.016	0.003	0.006	0.004	0.022	

5-n78	Front	1RB	0.083	0.009	0.159	0.036	0.242	1.6
	Back		0.143	0.015	0.298	0.045	0.441	
	Left		0.039	0.005	0.066	0.023	0.105	
	right		0.009	0.002	0.021	0.002	0.030	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.019	0.003	0.006	0.004	0.025	
	Front	50%RB	0.043	0.009	0.159	0.036	0.202	
	Back		0.093	0.015	0.298	0.045	0.391	
	Left		0.019	0.005	0.066	0.023	0.085	
	right		0.003	0.002	0.021	0.002	0.024	
	Top		0.002	0.006	0.035	0.019	0.037	
7-n7	Bottom		0.008	0.003	0.006	0.004	0.014	
	Front	1RB	0.484	0.009	0.159	0.036	0.643	
	Back		0.660	0.015	0.298	0.045	0.958	
	Left		0.302	0.005	0.066	0.023	0.368	
	right		0.033	0.002	0.021	0.002	0.054	
	Top		0.004	0.006	0.035	0.019	0.039	
	Bottom		0.133	0.003	0.006	0.004	0.139	
	Front	50%RB	0.388	0.009	0.159	0.036	0.547	
	Back		0.467	0.015	0.298	0.045	0.765	
	Left		0.193	0.005	0.066	0.023	0.259	
	right		0.018	0.002	0.021	0.002	0.039	
7-n66	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.064	0.003	0.006	0.004	0.070	
	Front	1RB	0.108	0.009	0.159	0.036	0.267	
	Back		0.151	0.015	0.298	0.045	0.449	
	Left		0.059	0.005	0.066	0.023	0.125	
	right		0.024	0.002	0.021	0.002	0.045	
	Top		0.047	0.006	0.035	0.019	0.082	
	Bottom		0.005	0.003	0.006	0.004	0.011	
	Front	50%RB	0.091	0.009	0.159	0.036	0.250	
	Back		0.128	0.015	0.298	0.045	0.426	
	Left		0.049	0.005	0.066	0.023	0.115	
	right		0.016	0.002	0.021	0.002	0.037	
	Top		0.034	0.006	0.035	0.019	0.069	
	Bottom		0.002	0.003	0.006	0.004	0.008	

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			WWAN SAR 1g(W/kg)	WiFi2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
7-n77	Front	1RB	0.066	0.009	0.159	0.036	0.225	1.6
	Back		0.118	0.015	0.298	0.045	0.416	
	Left		0.029	0.005	0.066	0.023	0.095	
	right		0.016	0.002	0.021	0.002	0.037	
	Top		0.031	0.006	0.035	0.019	0.066	
	Bottom		0.003	0.003	0.006	0.004	0.009	
	Front	50%RB	0.047	0.009	0.159	0.036	0.206	
	Back		0.071	0.015	0.298	0.045	0.369	
	Left		0.022	0.005	0.066	0.023	0.088	
	right		0.009	0.002	0.021	0.002	0.030	
	Top		0.024	0.006	0.035	0.019	0.059	
	Bottom		0.002	0.003	0.006	0.004	0.008	
7-n78	Front	1RB	0.084	0.009	0.159	0.036	0.243	
	Back		0.189	0.015	0.298	0.045	0.487	
	Left		0.047	0.005	0.066	0.023	0.113	
	right		0.023	0.002	0.021	0.002	0.044	
	Top		0.033	0.006	0.035	0.019	0.068	
	Bottom		0.004	0.003	0.006	0.004	0.010	
	Front	50%RB	0.065	0.009	0.159	0.036	0.224	
	Back		0.156	0.015	0.298	0.045	0.454	
	Left		0.034	0.005	0.066	0.023	0.100	
	right		0.017	0.002	0.021	0.002	0.038	
	Top		0.021	0.006	0.035	0.019	0.056	
	Bottom		0.002	0.003	0.006	0.004	0.008	
38-n38	Front	1RB	0.049	0.009	0.159	0.036	0.208	
	Back		0.092	0.015	0.298	0.045	0.390	
	Left		0.025	0.005	0.066	0.023	0.091	
	right		0.009	0.002	0.021	0.002	0.030	
	Top		0.004	0.006	0.035	0.019	0.039	
	Bottom		0.013	0.003	0.006	0.004	0.019	
	Front	50%RB	0.032	0.009	0.159	0.036	0.191	
	Back		0.058	0.015	0.298	0.045	0.356	
	Left		0.019	0.005	0.066	0.023	0.085	
	right		0.006	0.002	0.021	0.002	0.027	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.009	0.003	0.006	0.004	0.015	
41-n41	Front	1RB	0.048	0.009	0.159	0.036	0.207	
	Back		0.086	0.015	0.298	0.045	0.384	
	Left		0.023	0.005	0.066	0.023	0.089	
	right		0.010	0.002	0.021	0.002	0.031	
	Top		0.004	0.006	0.035	0.019	0.039	
	Bottom		0.012	0.003	0.006	0.004	0.018	
	Front	50%RB	0.023	0.009	0.159	0.036	0.182	
	Back		0.042	0.015	0.298	0.045	0.340	
	Left		0.011	0.005	0.066	0.023	0.077	
	right		0.004	0.002	0.021	0.002	0.025	
	Top		0.002	0.006	0.035	0.019	0.037	
	Bottom		0.005	0.003	0.006	0.004	0.011	

41-n77	Front	1RB	0.041	0.009	0.159	0.036	0.200	1.6
	Back		0.064	0.015	0.298	0.045	0.362	
	Left		0.027	0.005	0.066	0.023	0.093	
	right		0.005	0.002	0.021	0.002	0.026	
	Top		0.009	0.006	0.035	0.019	0.044	
	Bottom		0.020	0.003	0.006	0.004	0.026	
	Front	50%RB	0.025	0.009	0.159	0.036	0.184	
	Back		0.052	0.015	0.298	0.045	0.350	
	Left		0.016	0.005	0.066	0.023	0.082	
	right		0.002	0.002	0.021	0.002	0.023	
	Top		0.005	0.006	0.035	0.019	0.040	
	Bottom		0.009	0.003	0.006	0.004	0.015	
41-n78	Front	1RB	0.044	0.009	0.159	0.036	0.203	
	Back		0.063	0.015	0.298	0.045	0.361	
	Left		0.021	0.005	0.066	0.023	0.087	
	right		0.002	0.002	0.021	0.002	0.023	
	Top		0.019	0.006	0.035	0.019	0.054	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.028	0.009	0.159	0.036	0.187	
	Back		0.041	0.015	0.298	0.045	0.339	
	Left		0.014	0.005	0.066	0.023	0.080	
	right		0.002	0.002	0.021	0.002	0.023	
	Top		0.010	0.006	0.035	0.019	0.045	
	Bottom		0.002	0.003	0.006	0.004	0.008	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 4) 1g(W/kg)			
66-n7	Front	1RB	0.042	0.009	0.159	0.036	0.201	1.6
	Back		0.057	0.015	0.298	0.045	0.355	
	Left		0.025	0.005	0.066	0.023	0.091	
	right		0.007	0.002	0.021	0.002	0.028	
	Top		0.015	0.006	0.035	0.019	0.050	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.029	0.009	0.159	0.036	0.188	
	Back		0.032	0.015	0.298	0.045	0.330	
	Left		0.018	0.005	0.066	0.023	0.084	
	right		0.004	0.002	0.021	0.002	0.025	
	Top		0.011	0.006	0.035	0.019	0.046	
	Bottom		0.002	0.003	0.006	0.004	0.008	
66-n38	Front	1RB	0.041	0.009	0.159	0.036	0.200	
	Back		0.046	0.015	0.298	0.045	0.344	
	Left		0.021	0.005	0.066	0.023	0.087	
	right		0.008	0.002	0.021	0.002	0.029	
	Top		0.017	0.006	0.035	0.019	0.052	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.028	0.009	0.159	0.036	0.187	
	Back		0.035	0.015	0.298	0.045	0.333	
	Left		0.012	0.005	0.066	0.023	0.078	
	right		0.003	0.002	0.021	0.002	0.024	
	Top		0.008	0.006	0.035	0.019	0.043	
	Bottom		0.002	0.003	0.006	0.004	0.008	
66-n41	Front	1RB	0.037	0.009	0.159	0.036	0.196	
	Back		0.060	0.015	0.298	0.045	0.358	
	Left		0.021	0.005	0.066	0.023	0.087	
	right		0.009	0.002	0.021	0.002	0.030	
	Top		0.012	0.006	0.035	0.019	0.047	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.018	0.009	0.159	0.036	0.177	
	Back		0.030	0.015	0.298	0.045	0.328	
	Left		0.007	0.005	0.066	0.023	0.073	
	right		0.004	0.002	0.021	0.002	0.025	
	Top		0.005	0.006	0.035	0.019	0.040	
	Bottom		0.002	0.003	0.006	0.004	0.008	
66-n66	Front	1RB	0.043	0.009	0.159	0.036	0.202	
	Back		0.062	0.015	0.298	0.045	0.360	
	Left		0.019	0.005	0.066	0.023	0.085	
	right		0.004	0.002	0.021	0.002	0.025	
	Top		0.014	0.006	0.035	0.019	0.049	
	Bottom		0.002	0.003	0.006	0.004	0.008	
	Front	50%RB	0.030	0.009	0.159	0.036	0.189	
	Back		0.032	0.015	0.298	0.045	0.330	
	Left		0.009	0.005	0.066	0.023	0.075	
	right		0.002	0.002	0.021	0.002	0.023	
	Top		0.006	0.006	0.035	0.019	0.041	
	Bottom		0.002	0.003	0.006	0.004	0.008	

66-n77	Front	1RB	0.054	0.009	0.159	0.036	0.376	1.6
	Back		0.078	0.015	0.298	0.045	0.090	
	Left		0.024	0.005	0.066	0.023	0.029	
	right		0.008	0.002	0.021	0.002	0.055	
	Top		0.020	0.006	0.035	0.019	0.008	
	Bottom		0.002	0.003	0.006	0.004	0.198	
	Front	50%RB	0.039	0.009	0.159	0.036	0.347	
	Back		0.049	0.015	0.298	0.045	0.078	
	Left		0.012	0.005	0.066	0.023	0.025	
	right		0.004	0.002	0.021	0.002	0.045	
66-n78	Top		0.010	0.006	0.035	0.019	0.008	
	Bottom		0.002	0.003	0.006	0.004	0.202	
	Front	1RB	0.043	0.009	0.159	0.036	0.364	
	Back		0.066	0.015	0.298	0.045	0.084	
	Left		0.018	0.005	0.066	0.023	0.023	
	right		0.002	0.002	0.021	0.002	0.047	
	Top		0.012	0.006	0.035	0.019	0.008	
	Bottom		0.002	0.003	0.006	0.004	0.189	
	Front	50%RB	0.030	0.009	0.159	0.036	0.348	
	Back		0.050	0.015	0.298	0.045	0.077	
	Left		0.011	0.005	0.066	0.023	0.023	
	right		0.002	0.002	0.021	0.002	0.040	
	Top		0.005	0.006	0.035	0.019	0.008	
	Bottom		0.002	0.003	0.006	0.004	0.376	

12 Measurement uncertainty evaluation

12.1 Measurement uncertainty evaluation for SAR test

The following table includes the uncertainty table of the IEEE 1528. The values are determined by Satimo. The breakdown of the individual uncertainties is as follows:

Measurement Uncertainty evaluation for SAR test								
Uncertainty Component	Tol. (±%)	Prob. Dist.	Div.	C _i (1g)	C _i (10g)	1g U _i (±%)	10g U _i (±%)	V _i
measurement system								
Probe Calibration	5.8	N	1	1	1	5.8	5.8	∞
Axial Isotropy	3.5	R	$\sqrt{3}$	$(1-C_p)^{1/2}$	$(1-C_p)^{1/2}$	1.43	1.43	∞
Hemispherical Isotropy	5.9	R	$\sqrt{3}$	$\sqrt{C_p}$	$\sqrt{C_p}$	2.41	2.41	∞
Boundary Effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	4.7	R	$\sqrt{3}$	1	1	2.71	2.71	∞
system Detection Limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	3	N	1	1	1	3.00	3.00	∞
Readout Electronics	0.5	N	1	1	1	0.50	0.50	∞
Response Time	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
Integration Time	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
RF Ambient Conditions-Noise	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
RF Ambient Conditions-Reflections	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe Positioner Mechanical Tolerance	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe positioning with respect to Phantom Shell	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation, interpolation and Integration Algorithms for Max.SAR Evaluation	2.3	R	$\sqrt{3}$	1	1	1.33	1.33	∞
Test sample Related								
Test Sample Positioning	2.6	N	1	1	1	2.60	2.60	11
Device Holder Uncertainty	3	N	1	1	1	3.00	3.00	7
Output Power Variation-SAR drift measurement	5	R	$\sqrt{3}$	1	1	2.89	2.89	∞
SAR scaling	2	R	$\sqrt{3}$	1	1	1.15	1.15	∞

Phantom and Tissue Parameters								
Phantom Uncertainty (shape and thickness tolerances)	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviation (in permittivity and conductivity)	2	N	1	1	0.84	2.00	1.68	∞
Liquid conductivity (meas.)	2.5	N	1	0.64	0.43	1.60	1.08	5
Liquid conductivity (target.)	5	R	$\sqrt{3}$	0.64	0.43	1.85	1.24	5
Liquid Permittivity (meas.)	2.5	N	1	0.60	0.49	1.50	1.23	∞
Liquid Permittivity (target.)	5	R	$\sqrt{3}$	0.60	0.49	1.73	1.42	∞
Combined Standard Uncertainty		Rss				10.63	10.54	
Expanded Uncertainty{95% CONFIDENCE INTERVAL}		k				21.26	21.08	

12.2 Measurement uncertainty evaluation for system check

The following table includes the uncertainty table of the IEEE 1528. The values are determined by Satimo. The breakdown of the individual uncertainties is as follows:

Uncertainty For System Performance Check								
Uncertainty Component	Tol. (±%)	Prob. Dist.	Div.	C _i 1g	C _i 10g	1g U _i (±%)	10g U _i (±%)	V _i
measurement system								
Probe Calibration	5.8	N	1	1	1	5.80	5.80	∞
Axial Isotropy	3.5	R	$\sqrt{3}$	$(1-C_p)^{1/2}$	$(1-C_p)^{1/2}$	1.43	1.43	∞
Hemispherical Isotropy	5.9	R	$\sqrt{3}$	$\sqrt{C_p}$	$\sqrt{C_p}$	2.41	2.41	∞
Boundary Effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	4.7	R	$\sqrt{3}$	1	1	2.71	2.71	∞
system detection Limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	0	N	1	1	1	0.00	0.00	∞
Readout Electronics	0.5	N	1	1	1	0.50	0.50	∞
Response Time	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
Integration Time	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
RF ambient Conditions - Noise	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
RF ambient Conditions – Reflections	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe positioned Mechanical Tolerance	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe positioning with respect to Phantom Shell	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation	2.3	R	$\sqrt{3}$	1	1	1.33	1.33	∞
Dipole								
Deviation of experimental source from numerical source	4	N	1	1	1	4.00	4.00	∞
Input power and SAR drift measurement	5	R	$\sqrt{3}$	1	1	2.89	2.89	∞
Dipole axis to liquid Distance	2	R	$\sqrt{3}$	1	1	1.16	1.16	∞
Phantom and Tissue Parameters								
Phantom Uncertainty (shape and thickness tolerances)	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviation (in permittivity and conductivity)	2	N	1	1	0.84	2.00	1.68	∞
Liquid conductivity (meas.)	2.5	N	1	0.64	0.43	1.60	1.08	5
Liquid conductivity (target.)	5	R	$\sqrt{3}$	0.64	0.43	1.85	1.24	5
Liquid Permittivity (meas.)	2.5	N	1	0.60	0.49	1.50	1.23	∞
Liquid Permittivity (target.)	5	R	$\sqrt{3}$	0.60	0.49	1.73	1.41	∞
Combined Standard Uncertainty		Rss				10.28	9.98	
Expanded Uncertainty (95% Confidence interval)		k				20.57	19.95	

13 Test equipment and ancillaries used for tests

To simplify the identification of the test equipment and/or ancillaries which were used, the reporting of the relevant test cases only refer to the test item number as specified in the table below.

	Manufacturer	Device Type	Type(Model)	Serial number	calibration	
					Last Cal.	Due Date
☒	SATIMO	COMOSAR DOSIMETRIC E FIELD PROBE	SSE2	3523-EPGO-428	2024-06-18	2025-06-17
☒	SATIMO	COMOSAR 750 MHz REFERENCE DIPOLE	SID750	SN 48/16 DIP0G750-444	2023-06-25	2026-06-24
☒	SATIMO	COMOSAR 835 MHz REFERENCE DIPOLE	SID835	SN 14/13 DIP0G835-235	2023-06-25	2026-06-24
☒	SATIMO	COMOSAR 900 MHz REFERENCE DIPOLE	SID900	SN 14/13 DIP0G900-231	2023-06-25	2026-06-24
☒	SATIMO	COMOSAR 1800 MHz REFERENCE DIPOLE	SID1800	SN 14/13 DIP1G800-232	2023-06-25	2026-06-24
☒	SATIMO	COMOSAR 1900 MHz REFERENCE DIPOLE	SID1900	SN 14/13 DIP1G900-236	2023-06-25	2026-06-24
☒	SATIMO	COMOSAR 2000 MHz REFERENCE DIPOLE	SID2000	SN 14/13 DIP2G000-237	2023-06-25	2026-06-24
☒	SATIMO	COMOSAR 2450 MHz REFERENCE DIPOLE	SID2450	SN 14/13 DIP2G450-238	2023-06-25	2026-06-24
☒	SATIMO	COMOSAR 2600 MHz REFERENCE DIPOLE	SID2600	SN 28/14 DIP2G600-327	2023-06-25	2026-06-24
☒	SATIMO	Software	OPENSAR	N/A	N/A	N/A
☒	SATIMO	Phantom	COMOSAR IEEE SAM PHANTOM	SN 14/13 SAM99	N/A	N/A
☒	R & S	Universal Radio Communication Tester	CMU 200	119733	2024-10-21	2025-10-20
☒	R & S	Universal Radio Communication Tester	CMW500	144459	2024-10-21	2025-10-20
☒	R & S	UXM5G Wireless Test Platform	E7515B	MY60192341	2024-10-21	2025-10-20
☒	HP	Network Analyser	8753D	3410A08889	2024-10-21	2025-10-20
☒	HP	Signal Generator	E4421B	GB39340770	2024-10-28	2025-10-27
☒	Keithley	Multimeter	Keithley 2000	4014539	2024-10-28	2025-10-27
☒	SATIMO	Amplifier	Power Amplifier	MODU-023-A-0004	2024-10-21	2025-10-20
☒	Agilent	Power Meter	E4418B	GB43312909	2024-10-21	2025-10-20
☒	Agilent	Power Meter Sensor	E4412A	MY41500046	2024-10-21	2025-10-20

Annex A: System performance verification

(Please See the SAR Measurement Plots of annex A.)

Annex B: Measurement results

(Please See the SAR Measurement Plots of annex B.)

Annex C: Calibration reports

(Please See the Calibration reports of annex C.)

	Annex A: System Check
	Tested Model : X6856
	Report Number: WSCT-ANAB-R&E241200075A-SAR

I. RESULTS

<u>TYPE</u>	<u>BAND</u>	<u>PARAMETERS</u>
Validation	CW750	<u>Measurement 1: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW835	<u>Measurement 2: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW1800	<u>Measurement 3: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW1900	<u>Measurement 4: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW2450	<u>Measurement 5: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW2600	<u>Measurement 6: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW3500	<u>Measurement 7: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW3700	<u>Measurement 8: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW5200	<u>Measurement 9: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW5500	<u>Measurement 10: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
Validation	CW5800	<u>Measurement 11: Validation Plane with Dipole device position on Middle Channel in CW mode</u>

MEASUREMENT 1

Type: Validation measurement (Complete)

Date of measurement: 09/11/2024

Measurement duration: 11 minutes 40 seconds

A. Experimental conditions.

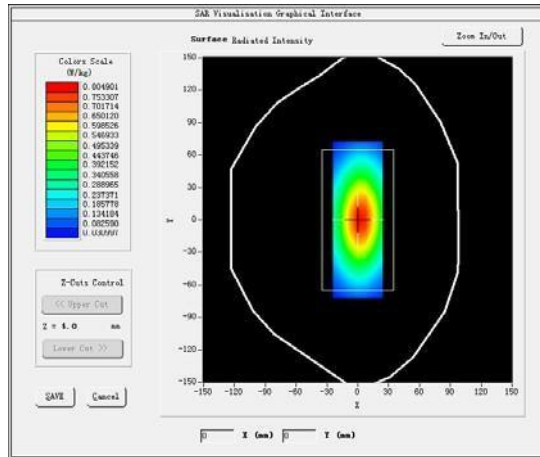
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW750</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

B. SAR Measurement Results

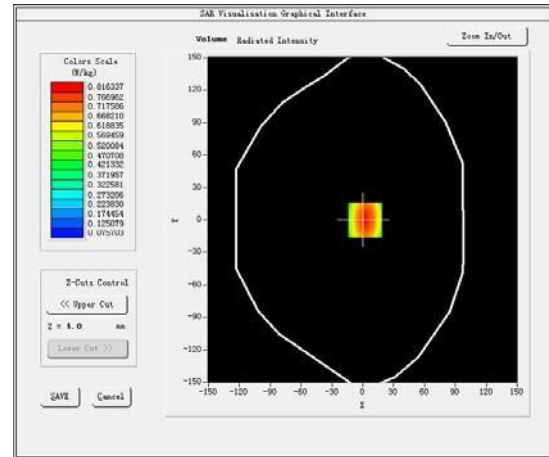
Middle Band SAR (Channel -1):

Frequency (MHz)	750.000000
Relative permittivity (real part)	41.350601
Relative permittivity (imaginary part)	21.254601
Conductivity (S/m)	0.885608
Variation (%)	1.030000

SURFACE SAR



VOLUME SAR

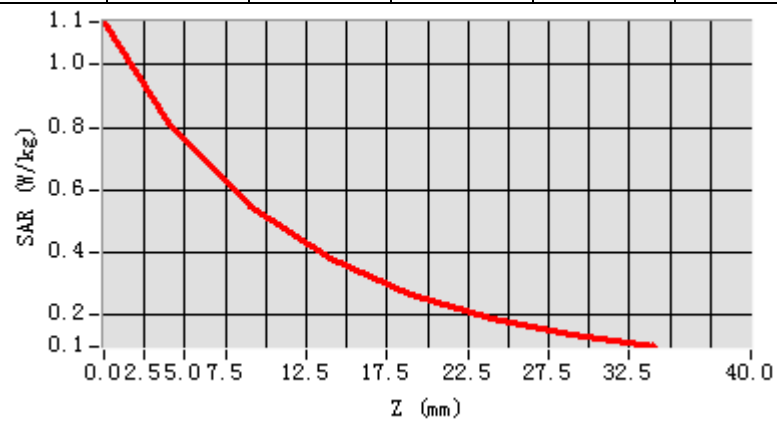


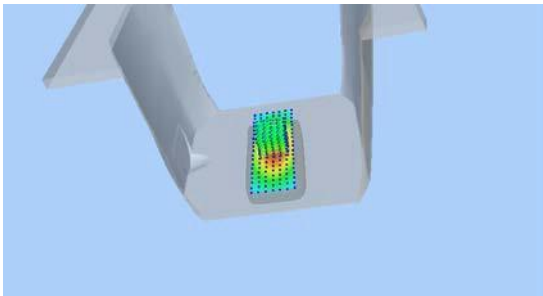
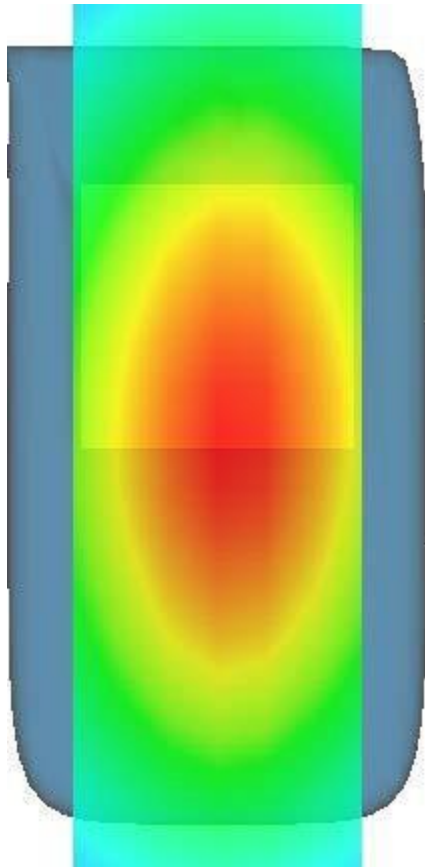
Maximum location: X=2.00, Y=0.00

SAR Peak: 1.13 W/kg

SAR 10g (W/Kg)	0.537155
SAR 1g (W/Kg)	0.783648

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1379	0.8163	0.5446	0.3776	0.2647	0.1886	0.1348



3D screen shot	Hot spot position
	

MEASUREMENT 2

Type: Validation measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 11 minutes 54 seconds

A. Experimental conditions.

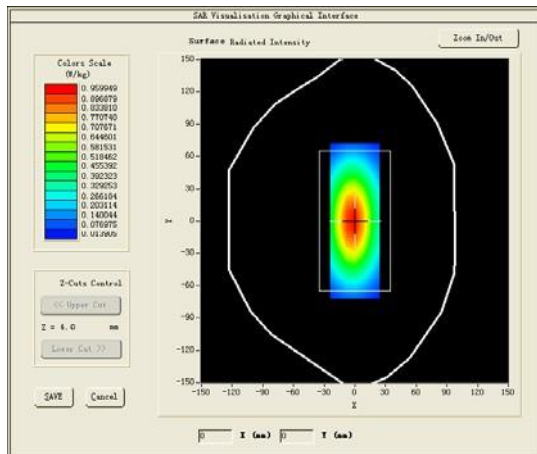
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW835</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

B. SAR Measurement Results

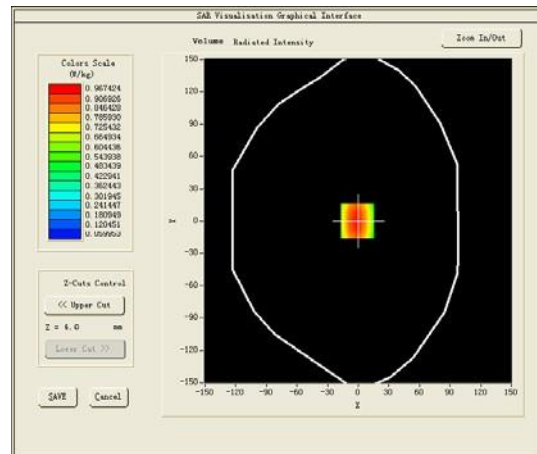
Middle Band SAR (Channel -1):

Frequency (MHz)	835.000000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	0.120000

SURFACE SAR



VOLUME SAR

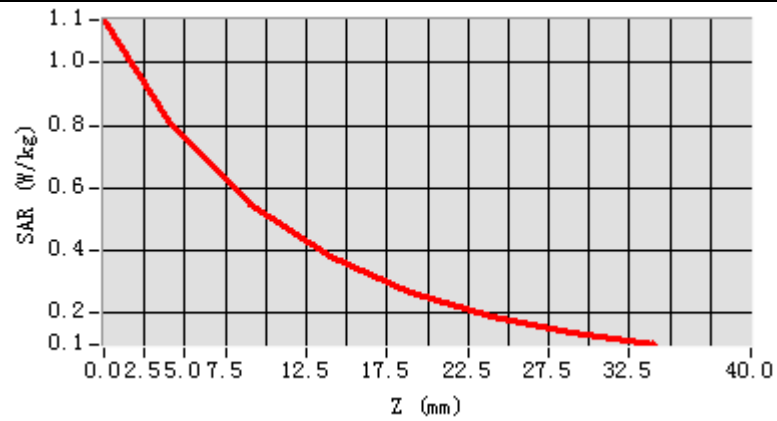


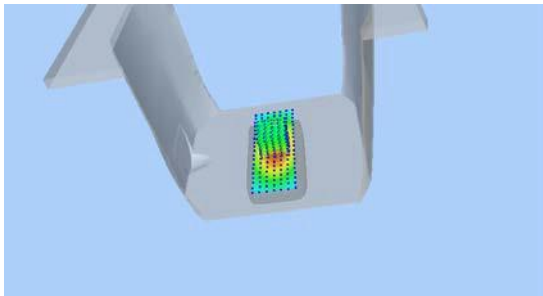
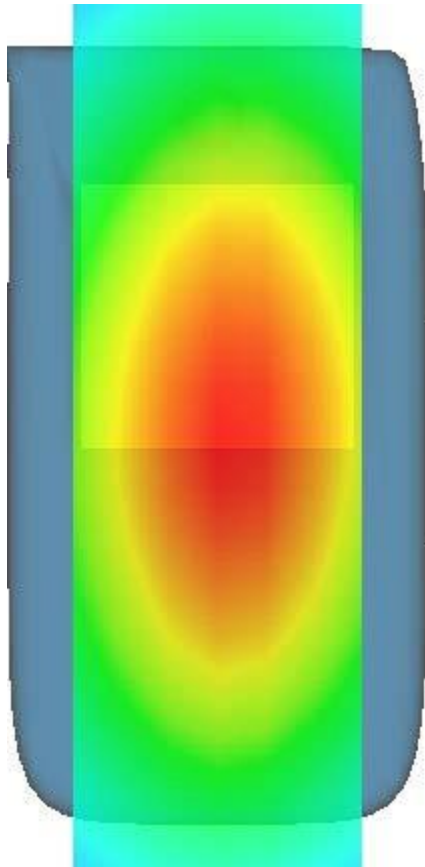
Maximum location: X=-1.00, Y=0.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.644746
SAR 1g (W/Kg)	1.014583

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1418	0.9674	0.6426	0.4358	0.2947	0.1989	0.1326



3D screen shot	Hot spot position
	

MEASUREMENT 3

Type: Validation measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 11 minutes 22 seconds

A. Experimental conditions.

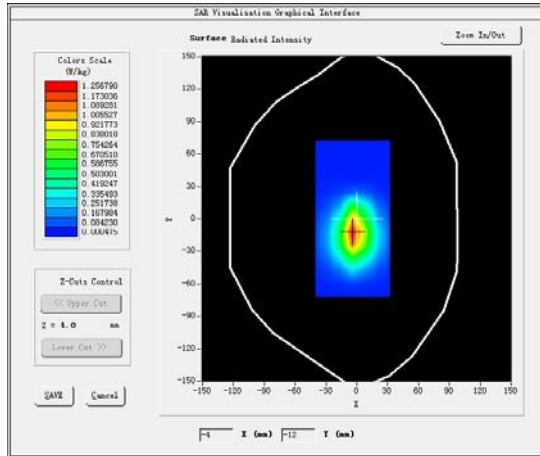
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

B. SAR Measurement Results

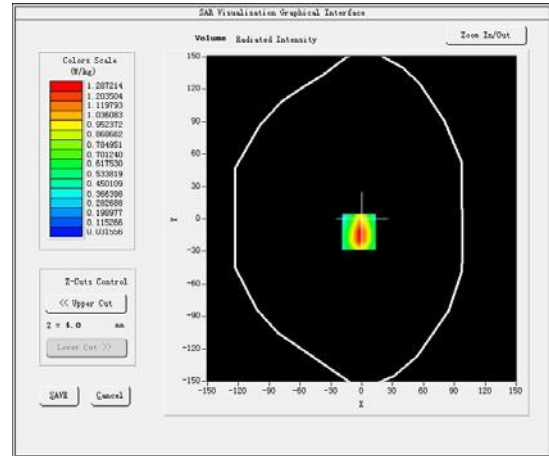
Middle Band SAR (Channel -1):

Frequency (MHz)	1800.000000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-0.410000

SURFACE SAR



VOLUME SAR

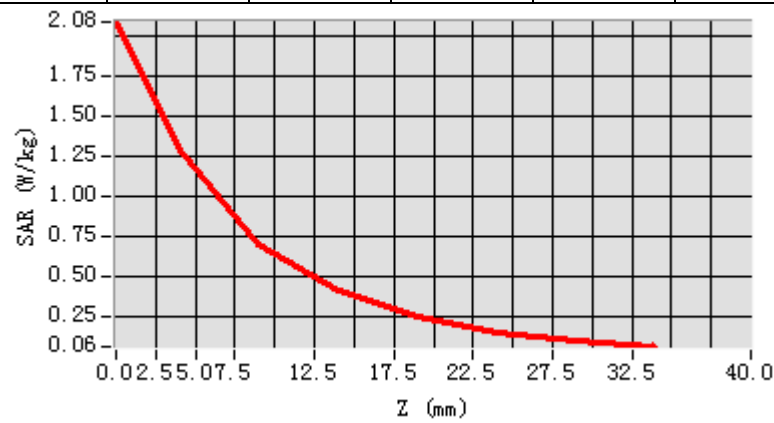


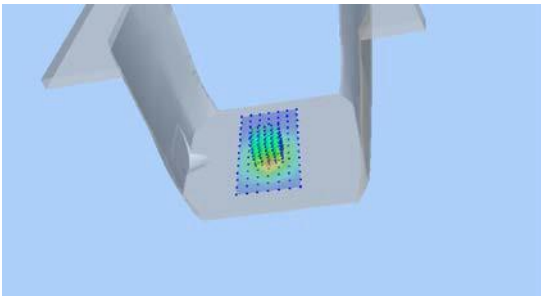
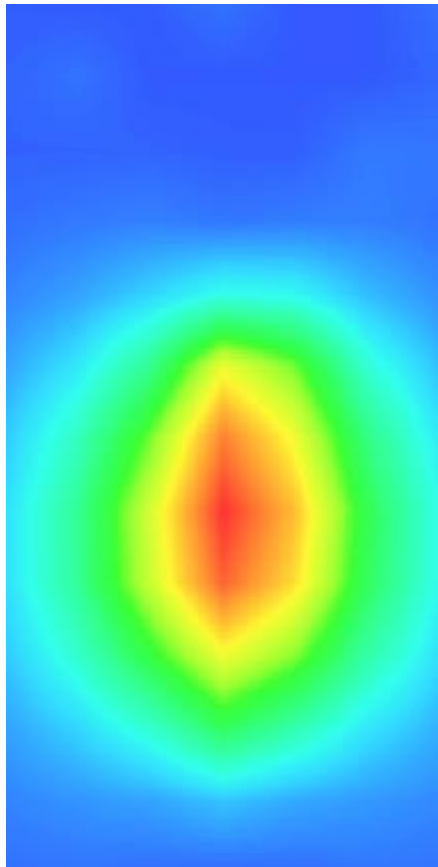
Maximum location: X=-0.00, Y=-0.00

SAR Peak: 7.72 W/kg

SAR 10g (W/Kg)	2.171888
SAR 1g (W/Kg)	4.156173

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	7.7941	4.9087	2.6873	1.5154	0.8724	0.5075	0.2958



3D screen shot	Hot spot position
	

MEASUREMENT 4

Type: Validation measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 14 minutes 21 seconds

A. Experimental conditions.

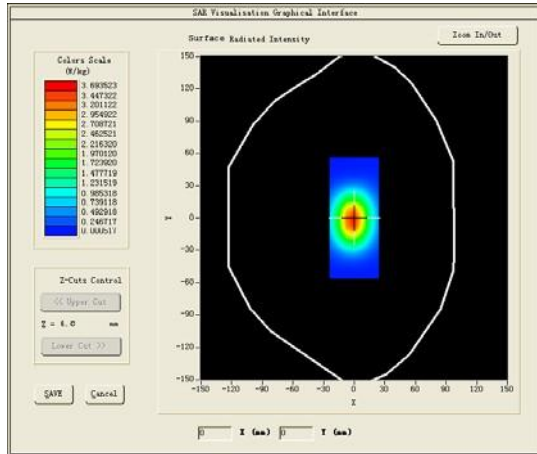
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

B. SAR Measurement Results

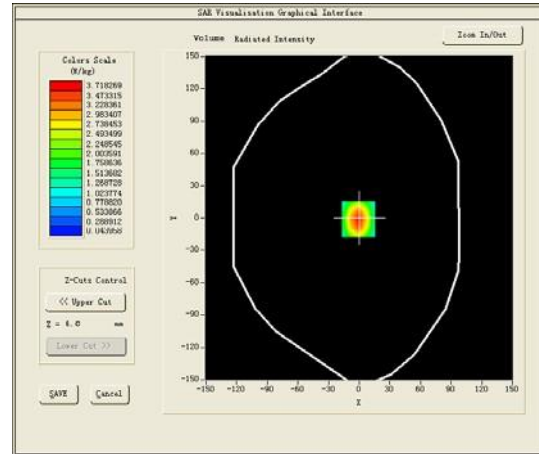
Middle Band SAR (Channel -1):

Frequency (MHz)	1900.000000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-0.450000

SURFACE SAR



VOLUME SAR

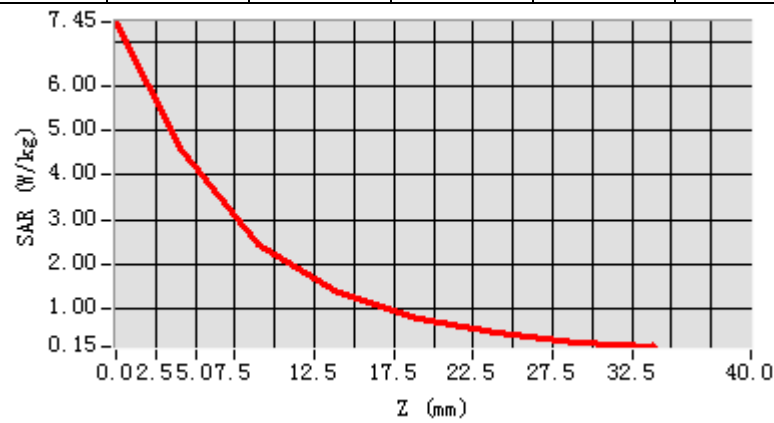


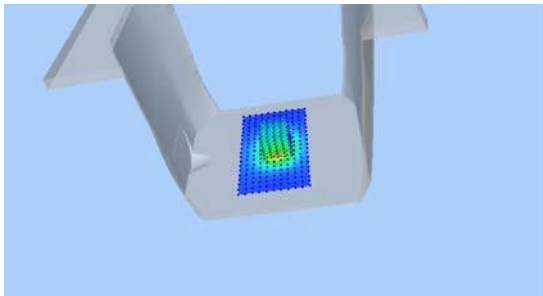
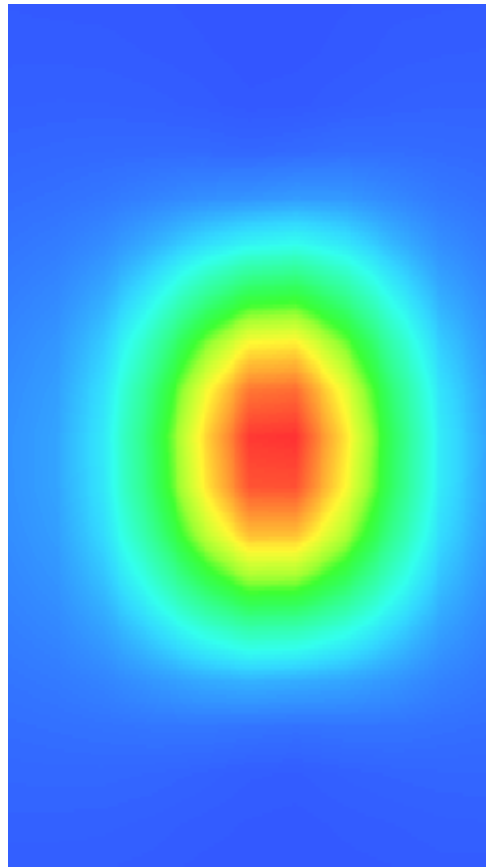
Maximum location: X=1.00, Y=-1.00

SAR Peak: 7.40 W/kg

SAR 10g (W/Kg)	2.093533
SAR 1g (W/Kg)	3.932904

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	5.7034	3.7183	2.1347	1.2560	0.7338	0.4260	0.2429



3D screen shot	Hot spot position
	

MEASUREMENT 5

Type: Validation measurement (Complete)

Date of measurement: 25/11/2024

Measurement duration: 13 minutes 46 seconds

A. Experimental conditions.

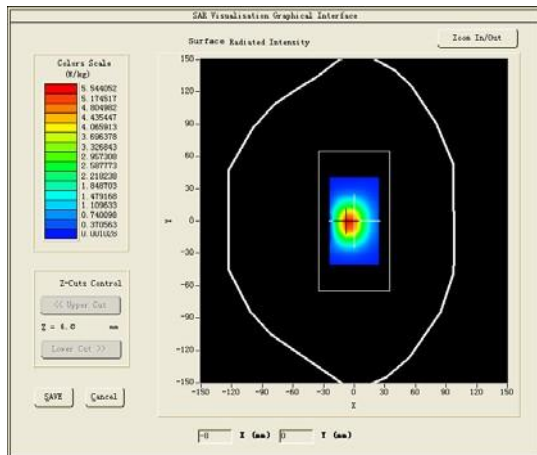
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2450</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

B. SAR Measurement Results

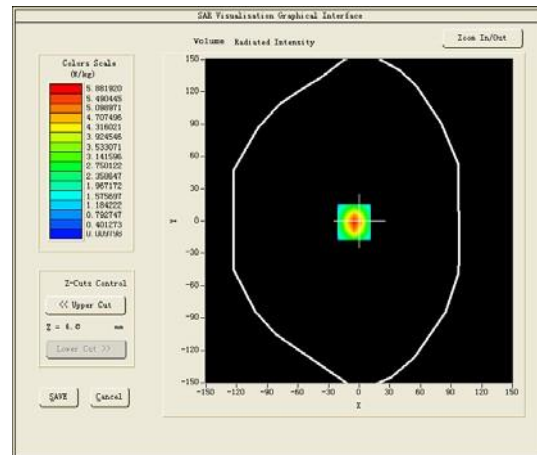
Middle Band SAR (Channel -1):

Frequency (MHz)	2450.000000
Relative permittivity (real part)	40.269142
Relative permittivity (imaginary part)	14.039240
Conductivity (S/m)	1.82349
Variation (%)	0.390000

SURFACE SAR



VOLUME SAR

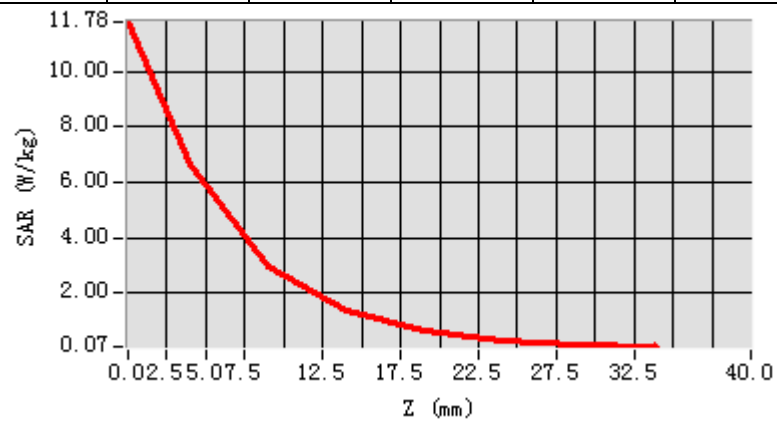


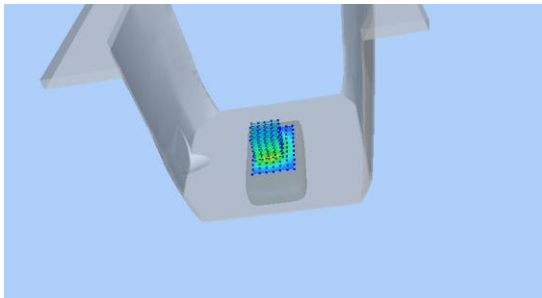
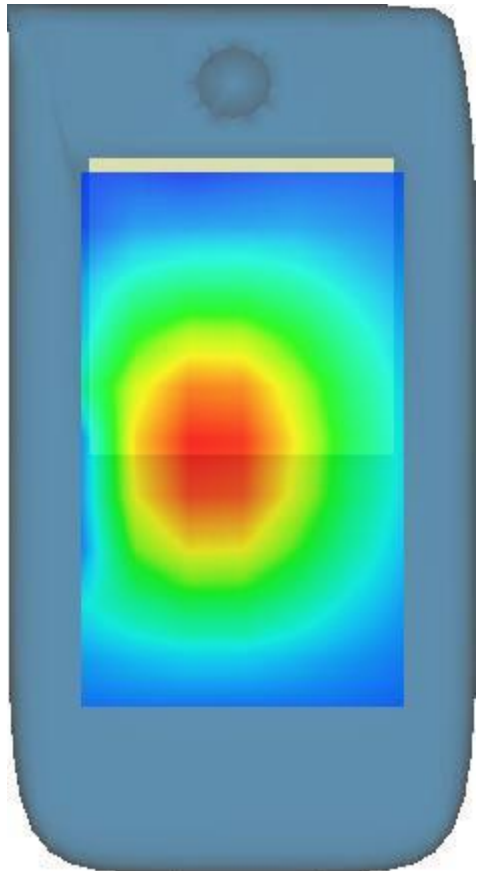
Maximum location: X=5.00, Y=-1.00

SAR Peak: 10.96 W/kg

SAR 10g (W/Kg)	2.333453
SAR 1g (W/Kg)	5.433343

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.2188	5.8819	2.7478	1.3151	0.6266	0.2969	0.1341



3D screen shot	Hot spot position
	

MEASUREMENT 6

Type: Validation measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 27 minutes 33 seconds

A. Experimental conditions.

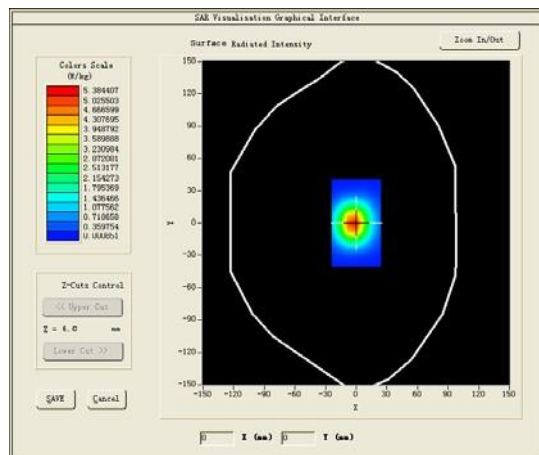
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2600</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Duty cycle:1.00)</u>

B. SAR Measurement Results

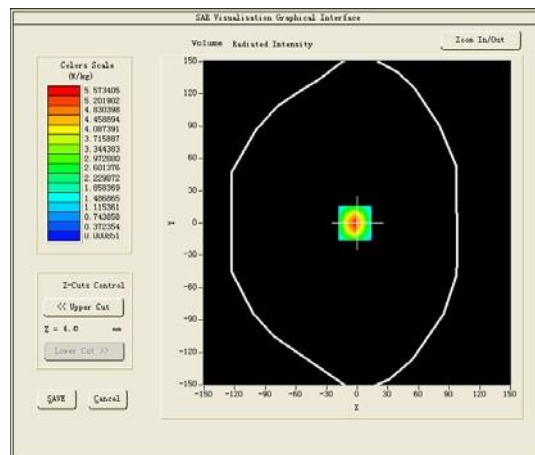
Middle Band SAR (Channel -1):

Frequency (MHz)	2600.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	0.250000

SURFACE SAR



VOLUME SAR

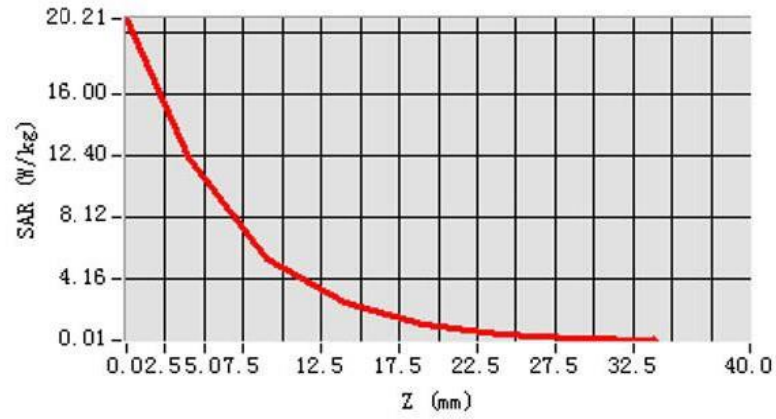


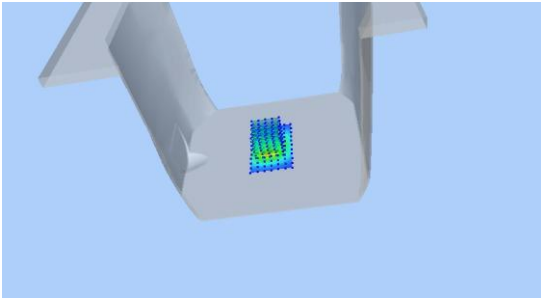
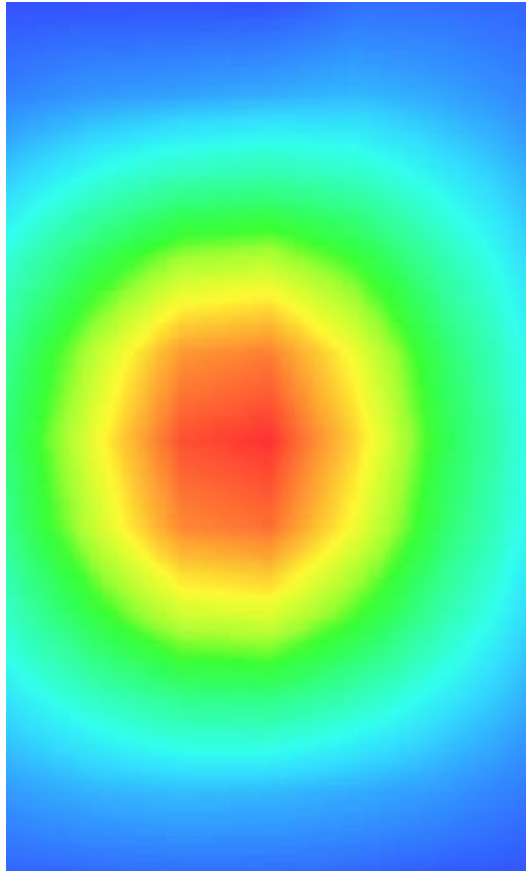
Maximum location: X=-2.00, Y=0.00

SAR Peak: 9.73 W/kg

SAR 10g (W/Kg)	2.342963
SAR 1g (W/Kg)	5.318259

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.8044	5.5734	2.5229	1.1430	0.4950	0.1964	0.0689



3D screen shot	Hot spot position
	

MEASUREMENT 7

Type: Validation measurement (Complete)

Date of measurement: 03/12/2024

Measurement duration: 11 minutes 54 seconds

C. Experimental conditions.

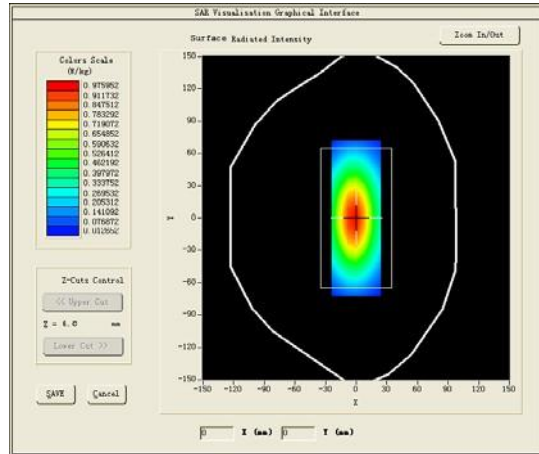
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW3500</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

D. SAR Measurement Results

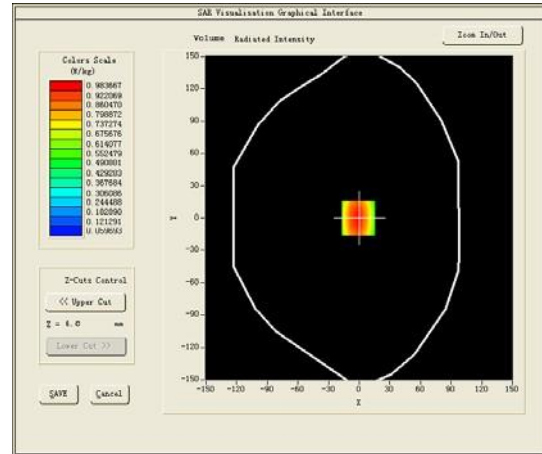
Middle Band SAR (Channel -1):

Frequency (MHz)	3500.000000
Relative permittivity (real part)	38.202704
Relative permittivity (imaginary part)	14.242830
Conductivity (S/m)	2.943439
Variation (%)	-0.040000

SURFACE SAR



VOLUME SAR

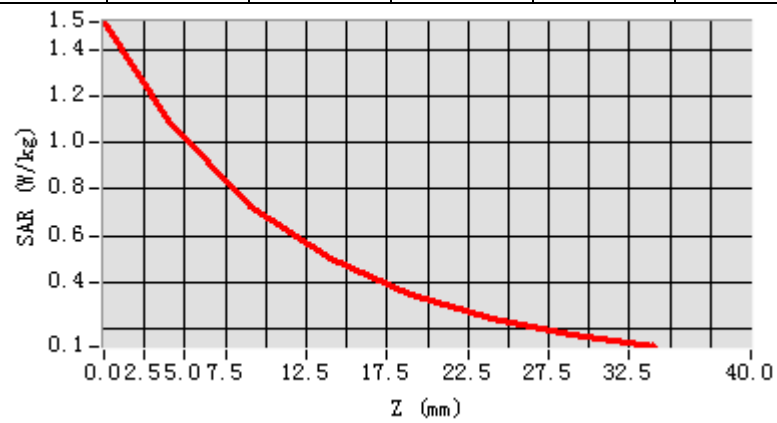


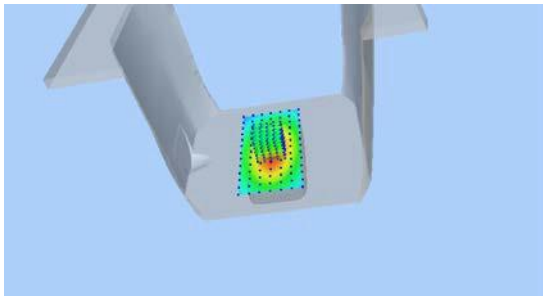
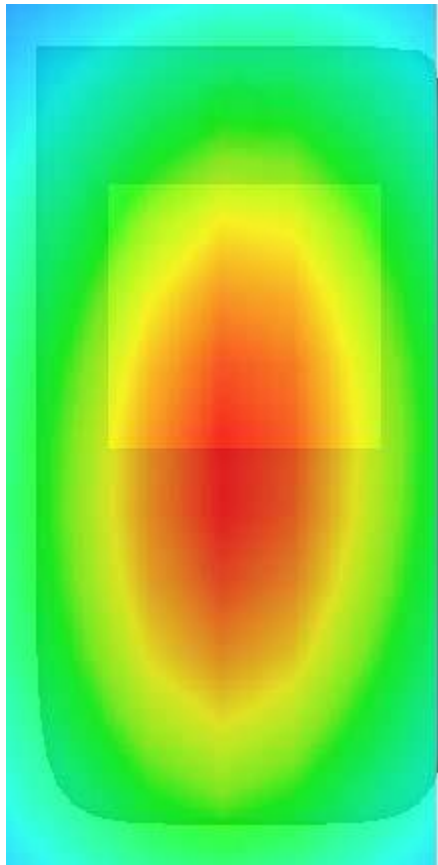
Maximum location: X=-1.00, Y=-2.00

SAR Peak: 9.07 W/kg

SAR 10g (W/Kg)	2.435370
SAR 1g (W/Kg)	6.309255

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.5179	1.0923	0.7286	0.5008	0.3478	0.2446	0.1730



3D screen shot	Hot spot position
	

MEASUREMENT 8

Type: Validation measurement (Complete)

Date of measurement: 08/12/2024

Measurement duration: 11 minutes 54 seconds

A. Experimental conditions.

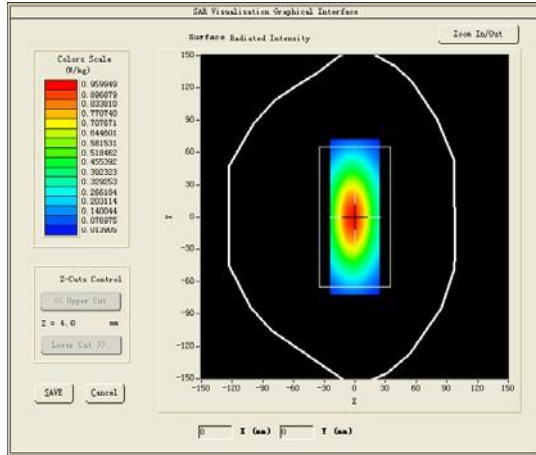
<u>Area Scan</u>	<u>dx=8mm dy=8mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW3700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

B. SAR Measurement Results

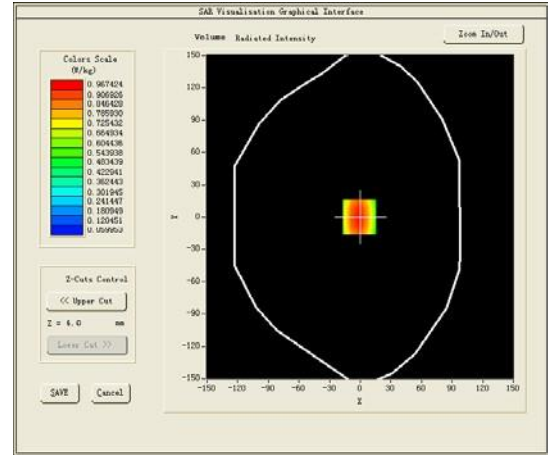
Middle Band SAR (Channel -1):

Frequency (MHz)	3700.000000
Relative permittivity (real part)	38.327847
Relative permittivity (imaginary part)	15.008698
Conductivity (S/m)	3.162504
Variation (%)	2.580000

SURFACE SAR



VOLUME SAR

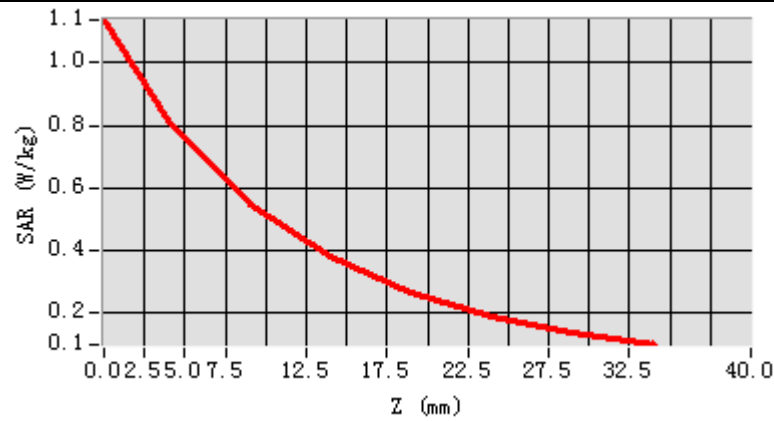


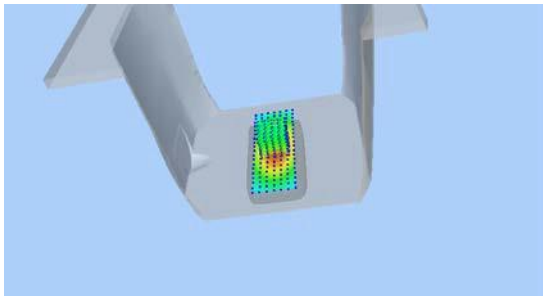
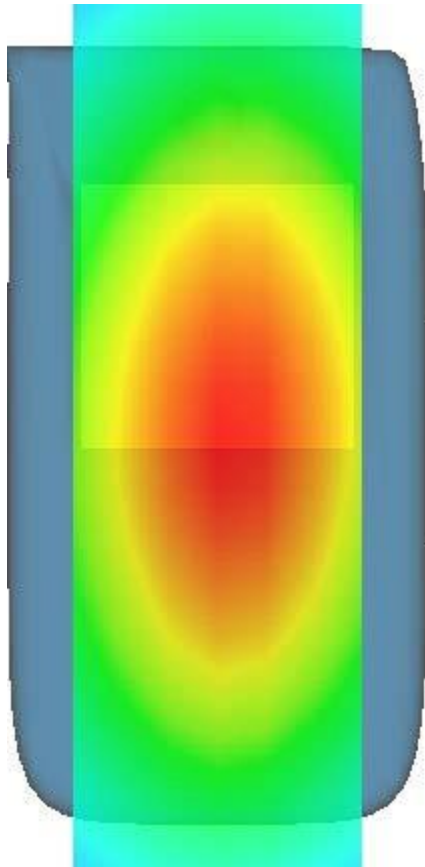
Maximum location: X=-1.00, Y=0.00

SAR Peak: 8.14 W/kg

SAR 10g (W/Kg)	2.374358
SAR 1g (W/Kg)	6.269164

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1418	0.9674	0.6426	0.4358	0.2947	0.1989	0.1326



3D screen shot	Hot spot position
	

MEASUREMENT 9

Type: Validation measurement (Complete)

Date of measurement: 12/12/2024

Measurement duration: 27 minutes 45 seconds

A. Experimental conditions.

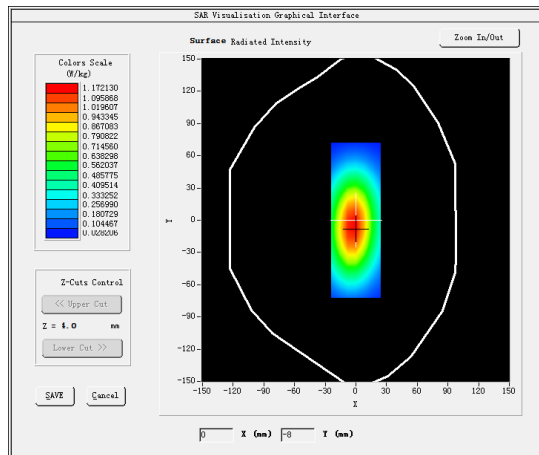
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5200</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Duty cycle:1:1)</u>

B. SAR Measurement Results

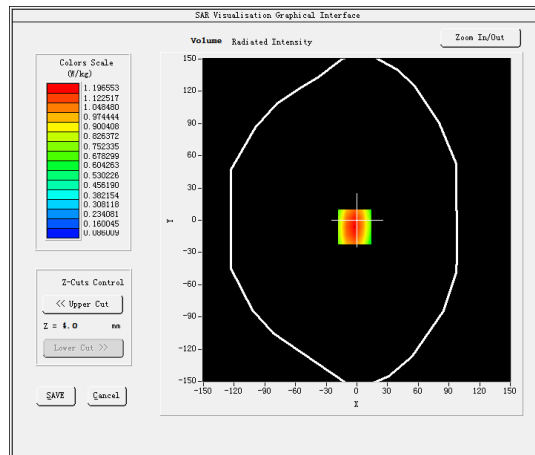
Middle Band SAR (Channel -1):

Frequency (MHz)	5200.000000
Relative permittivity (real part)	35.622599
Relative permittivity (imaginary part)	18.202492
Conductivity (S/m)	4.524169
Variation (%)	0.270000

SURFACE SAR



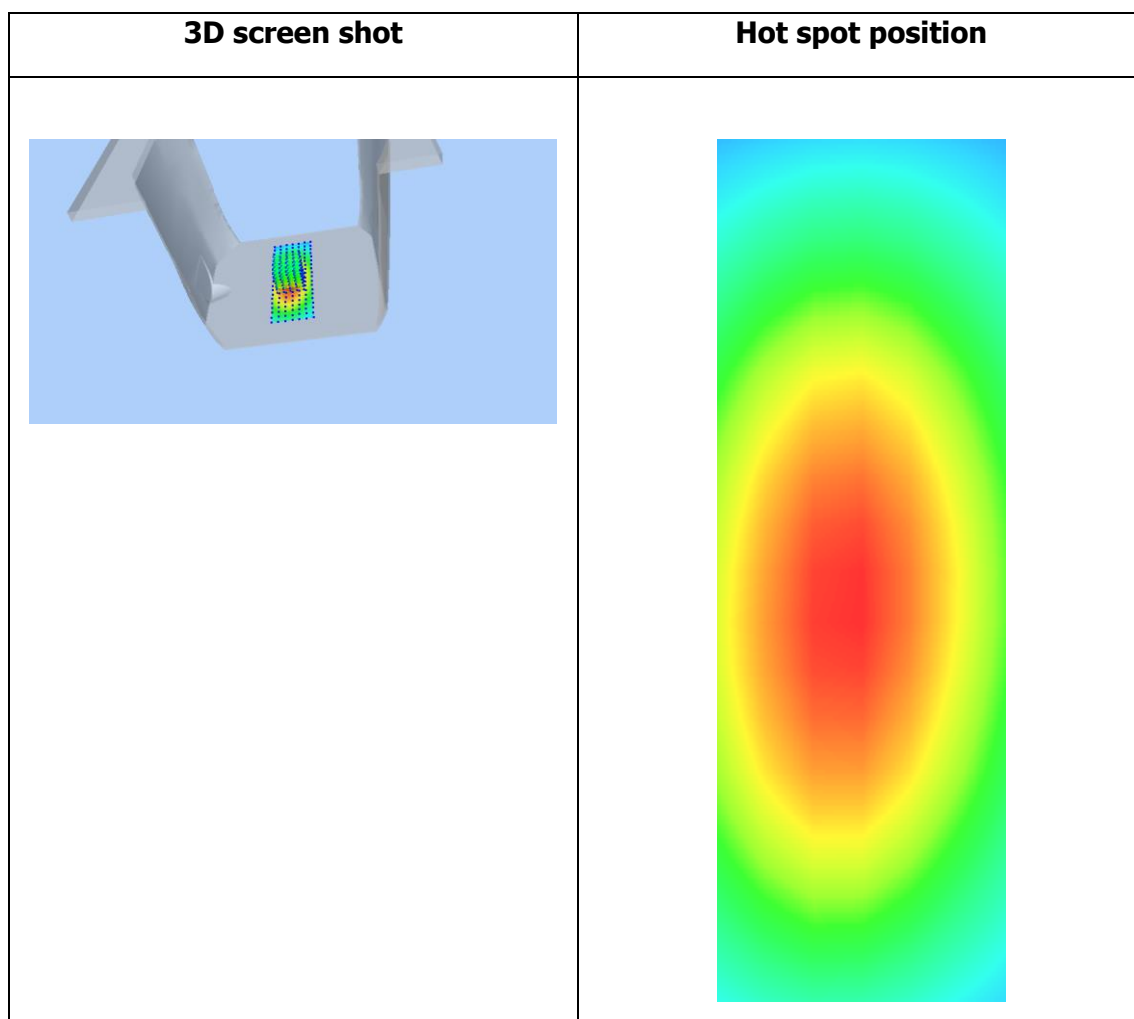
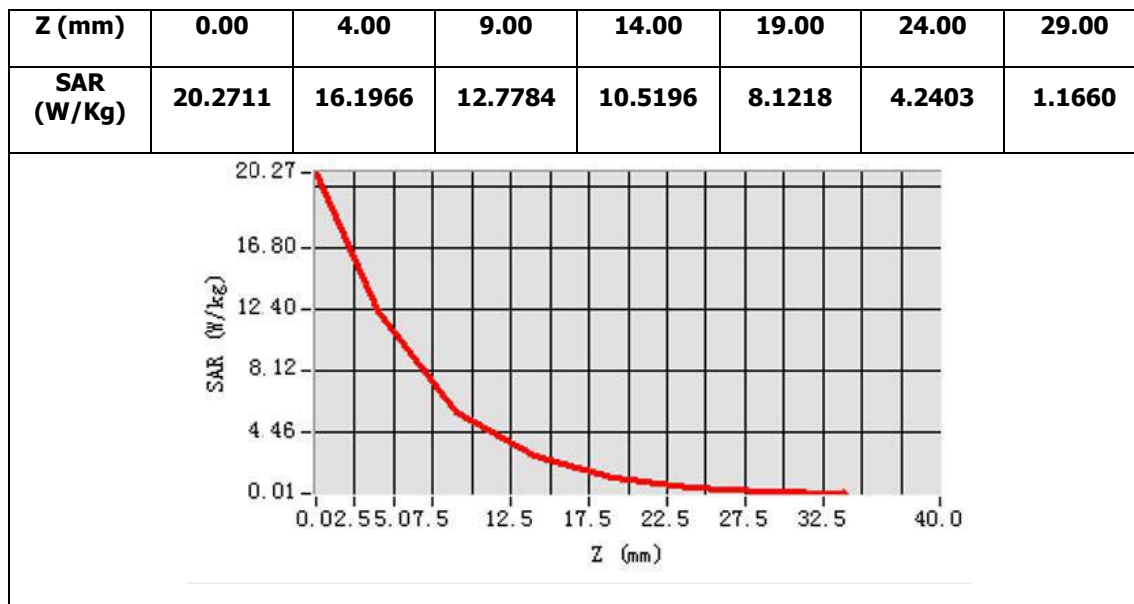
VOLUME SAR



Maximum location: X=-2.00, Y=-6.00

SAR Peak: 10.27 W/kg

SAR 10g (W/Kg)	2.264061
SAR 1g (W/Kg)	7.718314



MEASUREMENT 10

Type: Validation measurement (Complete)

Date of measurement: 17/12/2024

Measurement duration: 29 minutes 31 seconds

A. Experimental conditions.

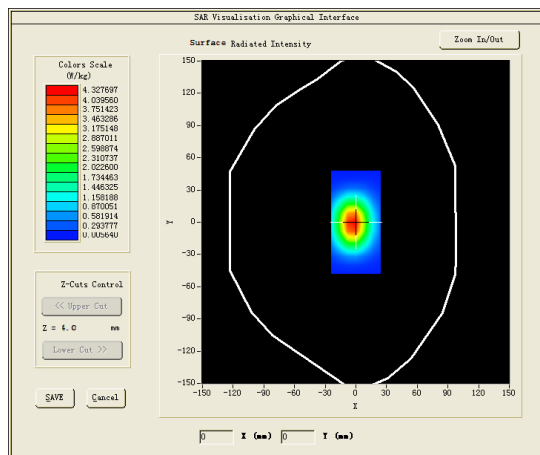
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5500</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Duty cycle:1:1)</u>

B. SAR Measurement Results

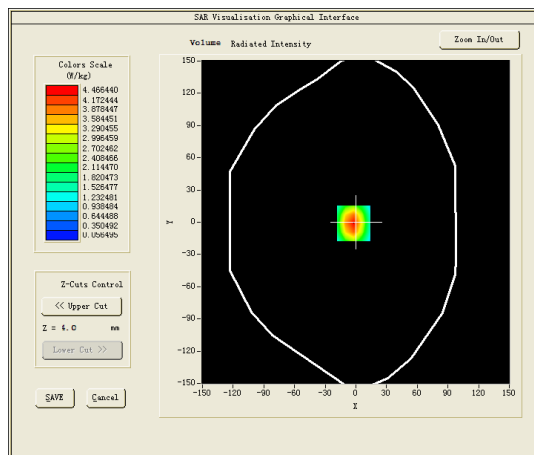
Middle Band SAR (Channel -1):

Frequency (MHz)	5500.000000
Relative permittivity (real part)	36.114300
Relative permittivity (imaginary part)	18.167566
Conductivity (S/m)	5.024104
Variation (%)	-0.350000

SURFACE SAR



VOLUME SAR

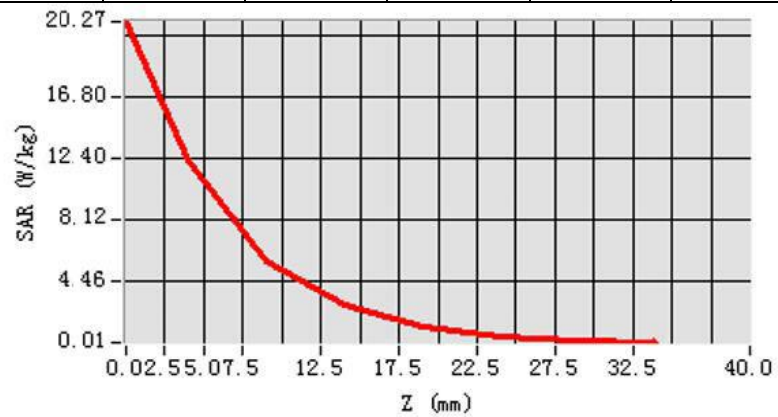


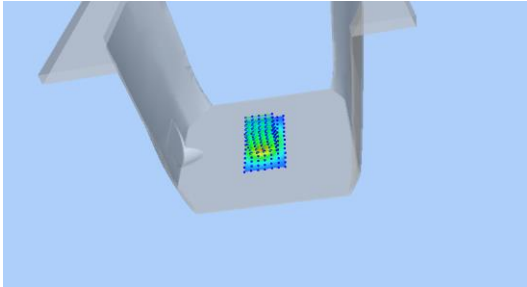
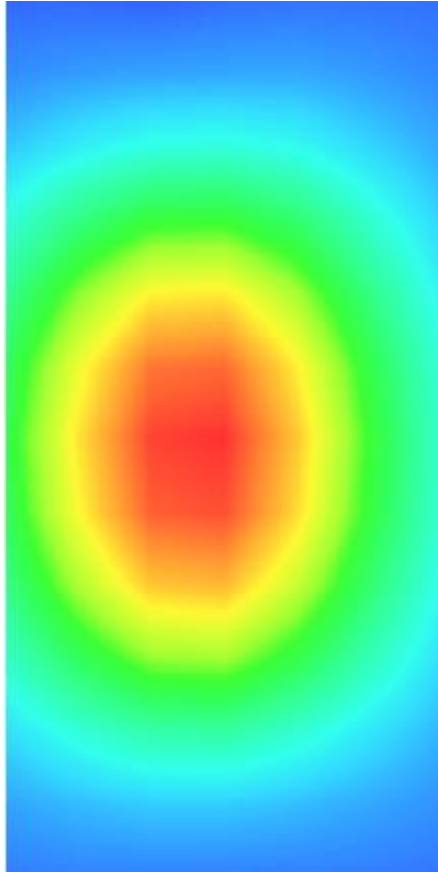
Maximum location: X=-2.00, Y=-1.00

SAR Peak: 10.87 W/kg

SAR 10g (W/Kg)	2.282155
SAR 1g (W/Kg)	8.337029

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	20.2697	16.4664	12.4603	10.3992	6.7963	4.4560	1.2601



3D screen shot	Hot spot position
	

MEASUREMENT 11

Type: Validation measurement (Complete)

Date of measurement: 20/12/2024

Measurement duration: 31 minutes 30 seconds

A. Experimental conditions.

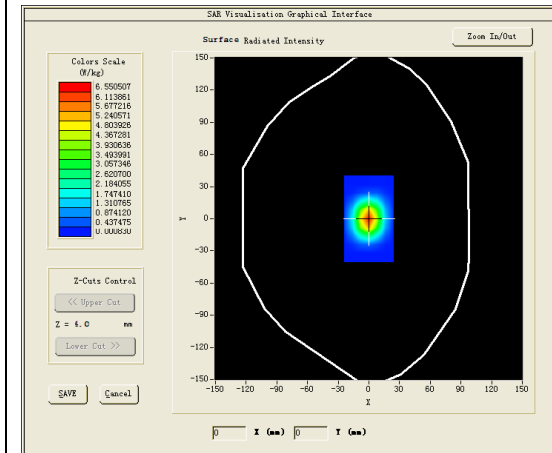
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7, dx=4mm dy=4mm</u> <u>dz=2mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Duty cycle:1:1)</u>

B. SAR Measurement Results

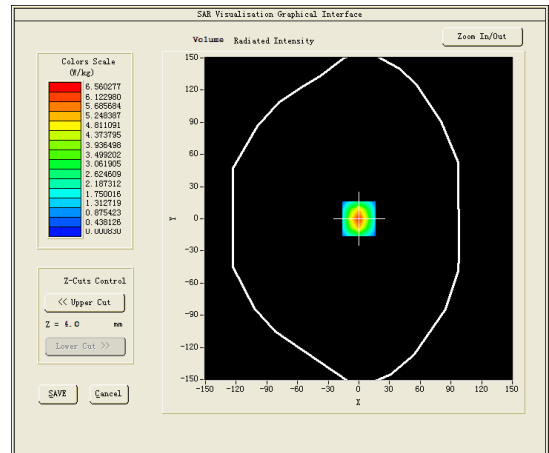
Middle Band SAR (Channel -1):

Frequency (MHz)	5800.000000
Relative permittivity (real part)	34.633851
Relative permittivity (imaginary part)	19.038417
Conductivity (S/m)	5.163402
Variation (%)	0.010000

SURFACE SAR



VOLUME SAR

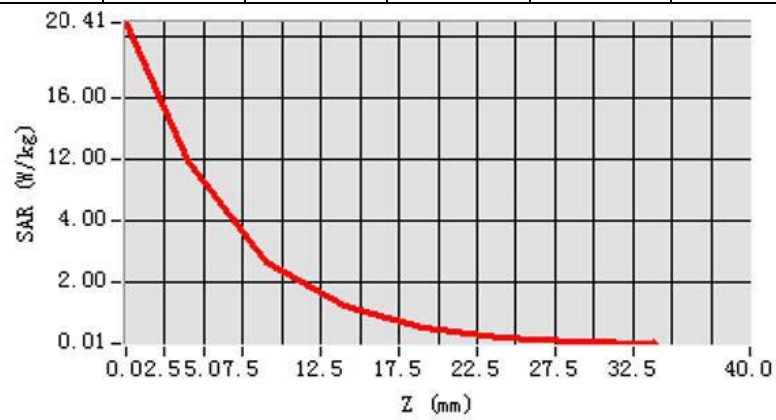


Maximum location: X=0.00, Y=0.00

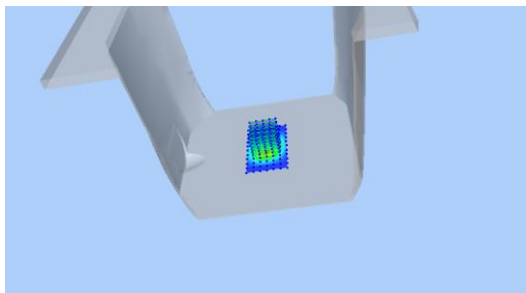
SAR Peak: 9.41 W/kg

SAR 10g (W/Kg)	2.080196
SAR 1g (W/Kg)	7.965831

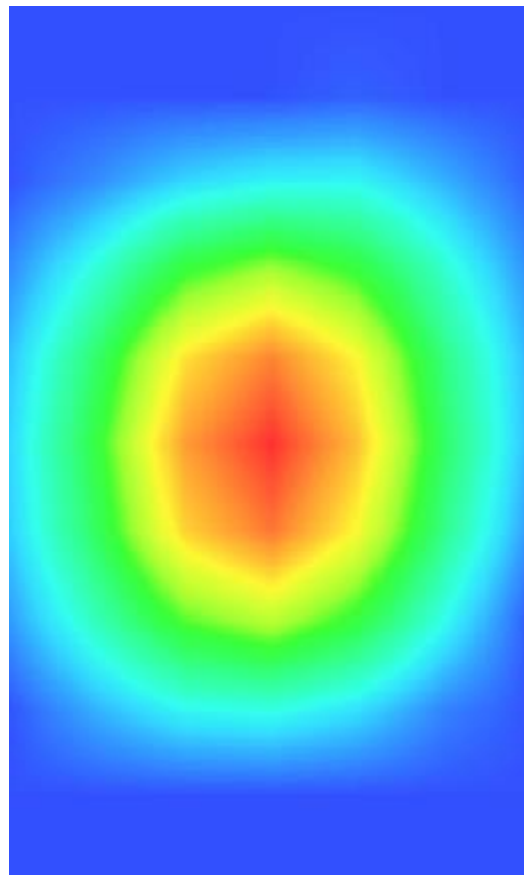
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	20.4140	16.5603	12.8797	8.2004	4.4226	2.1066	1.0008



3D screen shot



Hot spot position



	Annex B: Measurement Results
	Tested Model :X6856
	Report Number: WSCT-ANAB-R&E241200075A-SAR

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 13 minutes 50 seconds

A. Experimental conditions.

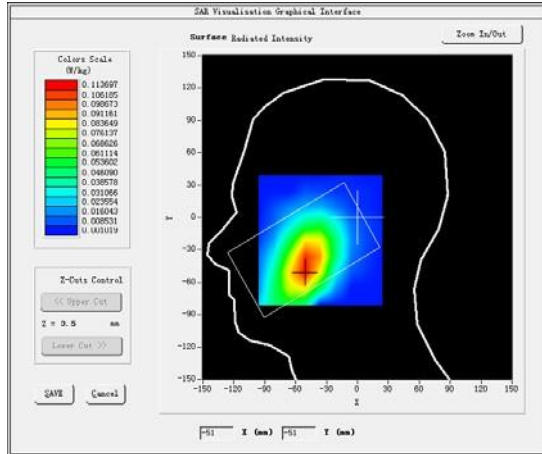
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>

B. SAR Measurement Results

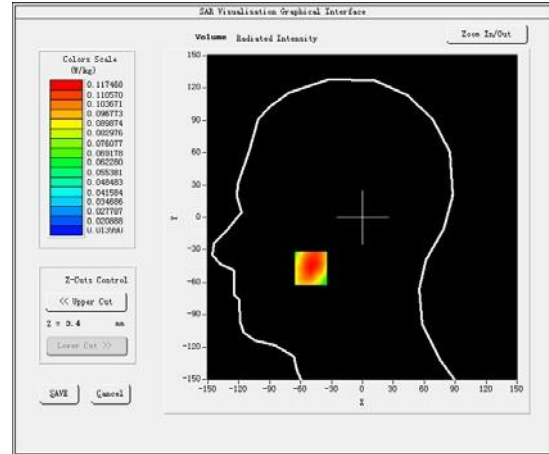
Middle Band SAR (Channel 190):

Frequency (MHz)	848.800000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-1.800000

SURFACE SAR



VOLUME SAR

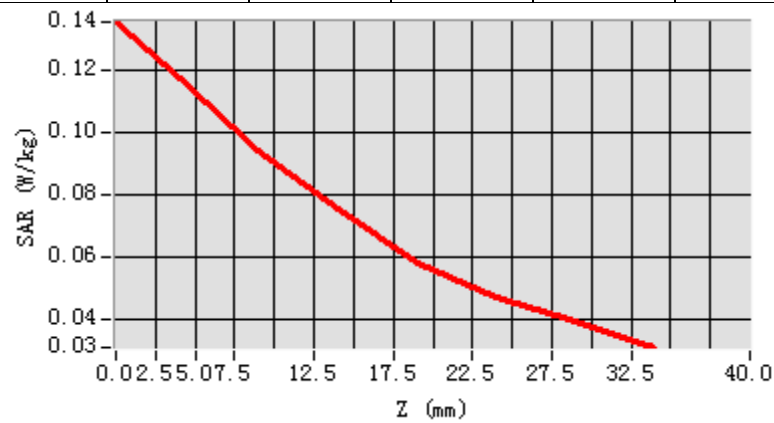


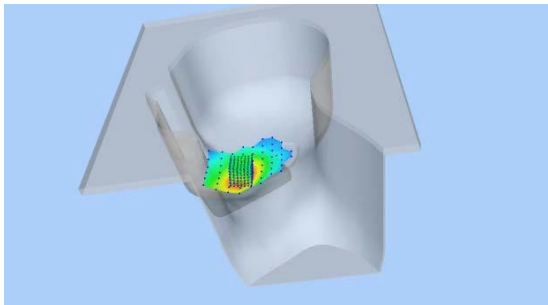
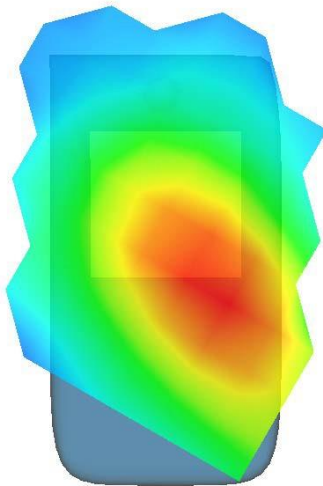
Maximum location: X=-50.00, Y=-47.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.113920
SAR1g (W/Kg)	0.161743

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1353	0.1175	0.0939	0.0752	0.0580	0.0468	0.0394



3D screen shot	Hot spot position
	

MEASUREMENT 2

Type: Phone measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 13 minutes 50 seconds

A. Experimental conditions.

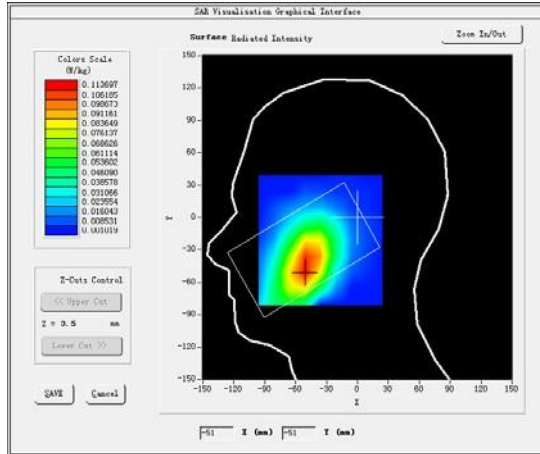
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>

B. SAR Measurement Results

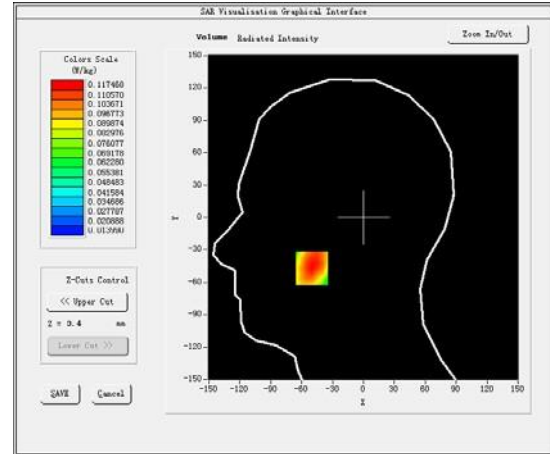
High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-0.300000

SURFACE SAR



VOLUME SAR

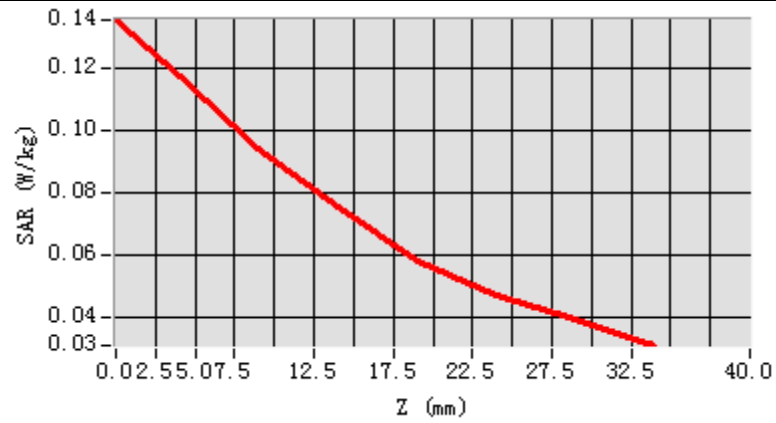


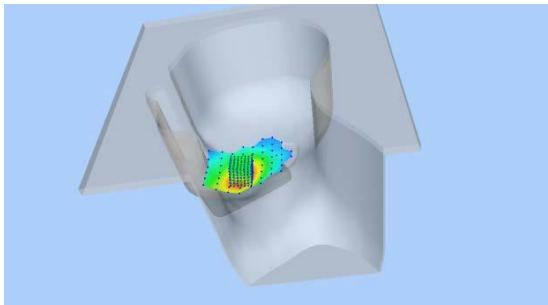
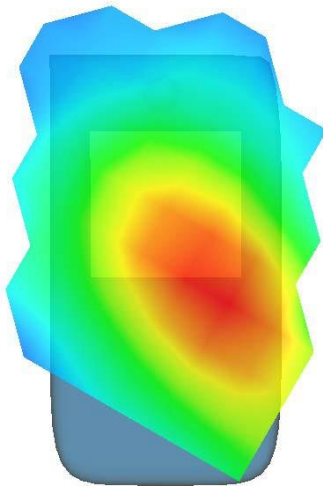
Maximum location: X=-50.00, Y=-47.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.038296
SAR1g (W/Kg)	0.056198

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1353	0.1175	0.0939	0.0752	0.0580	0.0468	0.0394



3D screen shot	Hot spot position
	

MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 14 minutes 32 seconds

A. Experimental conditions.

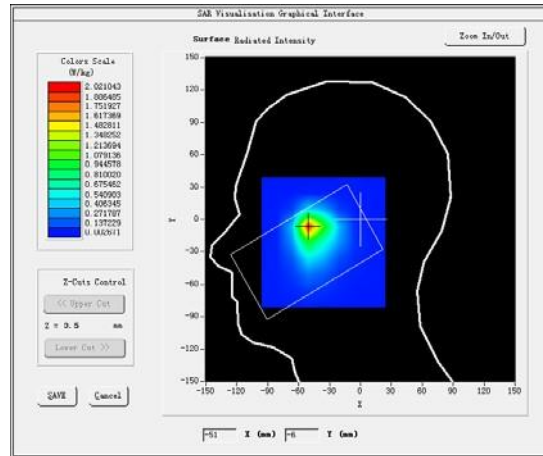
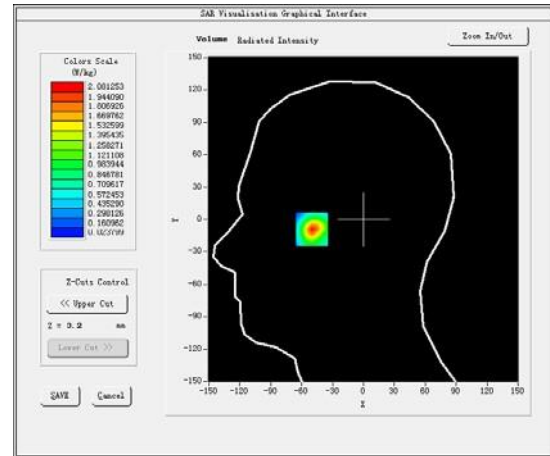
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 UMTS</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-3.990000

SURFACE SAR

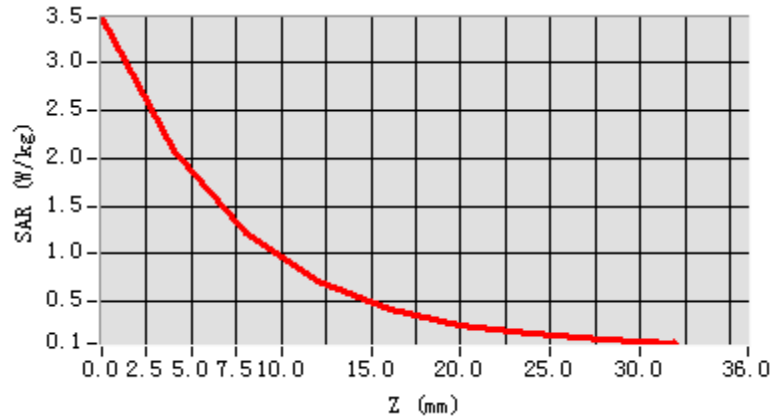
**VOLUME SAR**

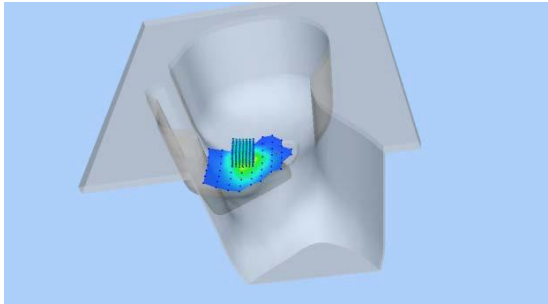
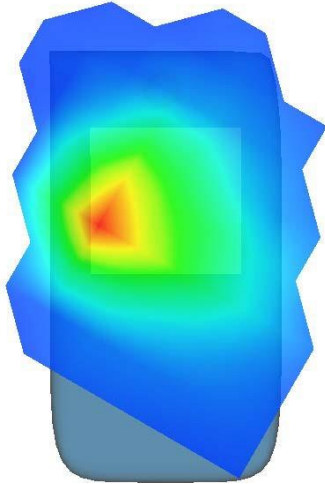
Maximum location: X=-50.00, Y=-7.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.056137
SAR1g (W/Kg)	0.086319

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/Kg)	3.4600	2.0813	1.2112	0.7146	0.4287	0.2614	0.1696	0.1072



3D screen shot	Hot spot position
	

MEASUREMENT 4

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 6 minutes 55 seconds

A. Experimental conditions.

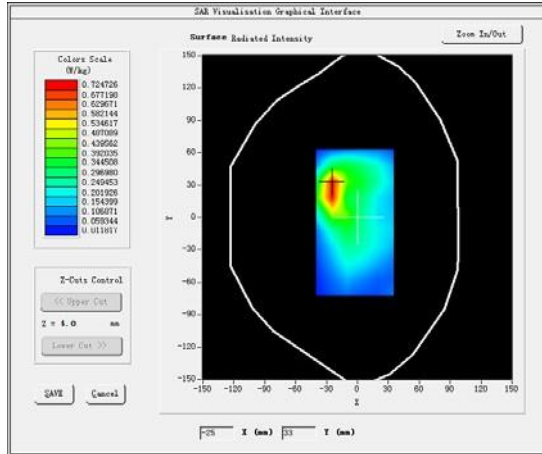
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 UMTS</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

B. SAR Measurement Results

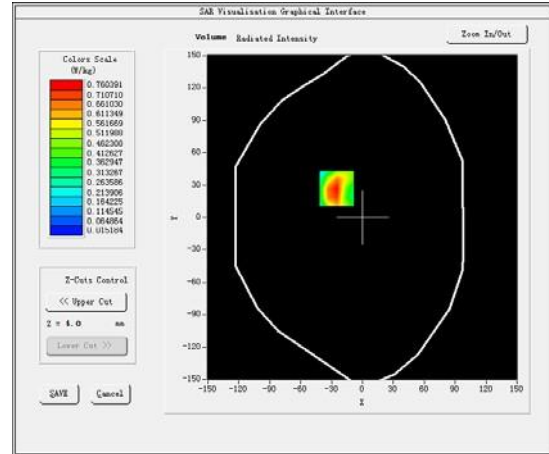
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-0.610000

SURFACE SAR



VOLUME SAR

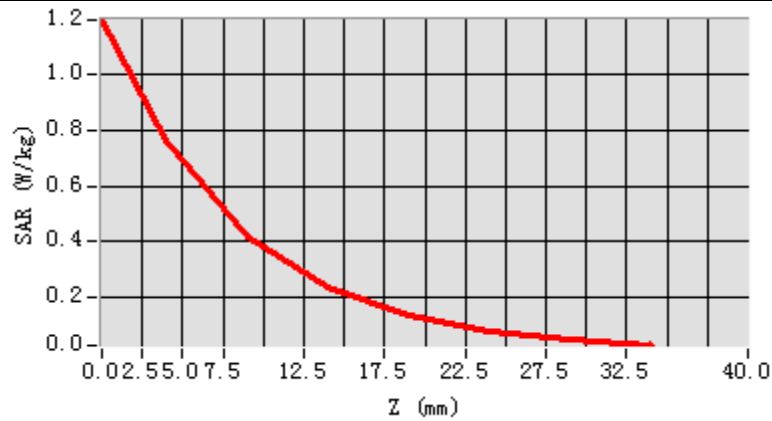


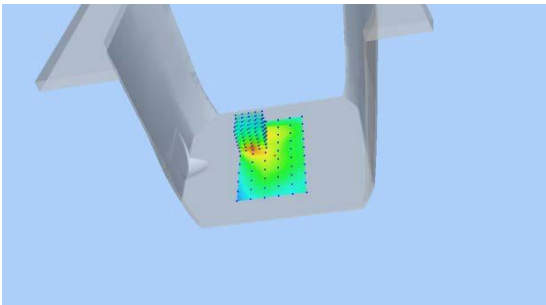
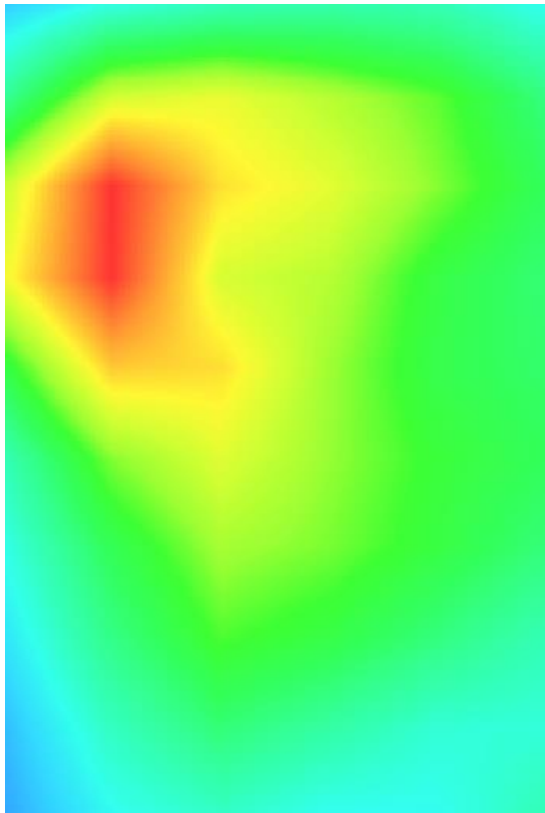
Maximum location: X=-25.00, Y=27.00

SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.375296
SAR1g (W/Kg)	0.671540

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1960	0.7604	0.4196	0.2366	0.1341	0.0763	0.0450



3D screen shot	Hot spot position
	

MEASUREMENT 5

Type: Phone measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 14 minutes 32 seconds

A. Experimental conditions.

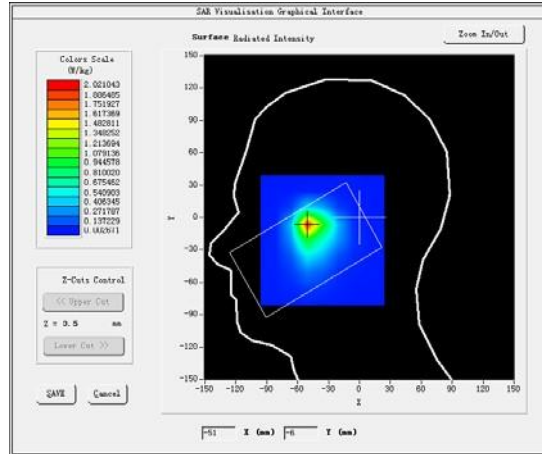
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band4 UMTS</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

B. SAR Measurement Results

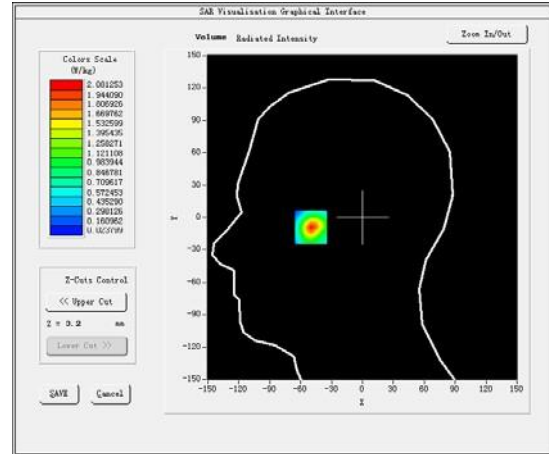
Low Band SAR (Channel 1312):

Frequency (MHz)	1712.400000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-3.990000

SURFACE SAR



VOLUME SAR

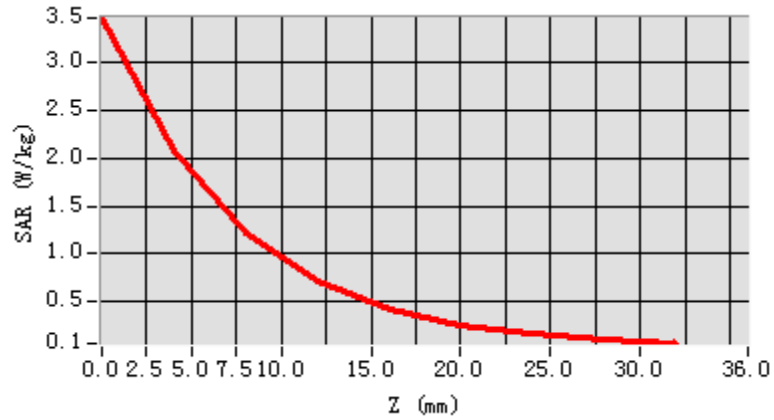


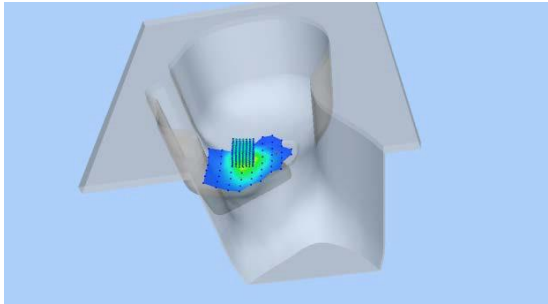
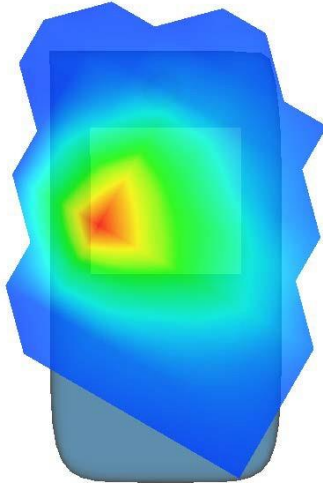
Maximum location: X=-50.00, Y=-7.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.045180
SAR1g (W/Kg)	0.075314

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/Kg)	3.4600	2.0813	1.2112	0.7146	0.4287	0.2614	0.1696	0.1072



3D screen shot	Hot spot position
	

MEASUREMENT 6

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 6 minutes 55 seconds

C. Experimental conditions.

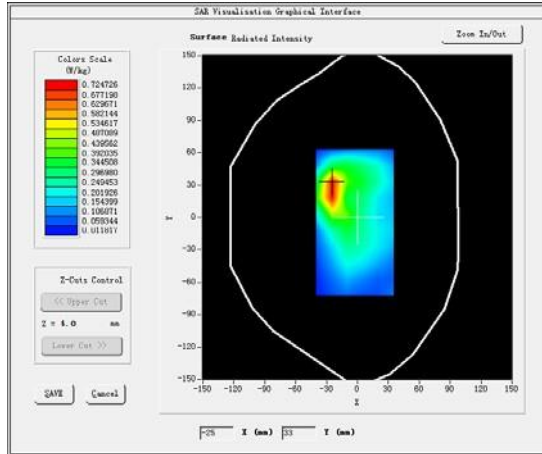
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 UMTS</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

D. SAR Measurement Results

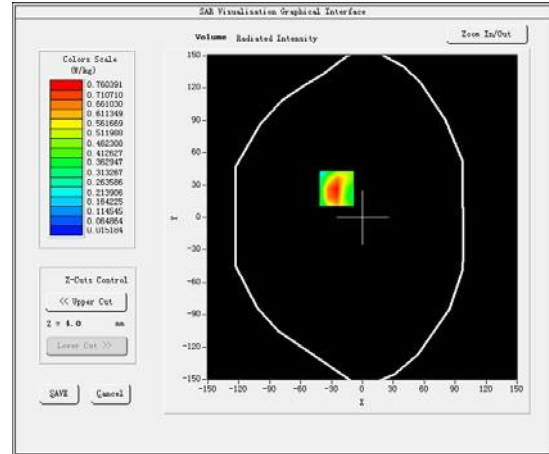
Low Band SAR (Channel 1312):

Frequency (MHz)	1712.400000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-0.850000

SURFACE SAR



VOLUME SAR

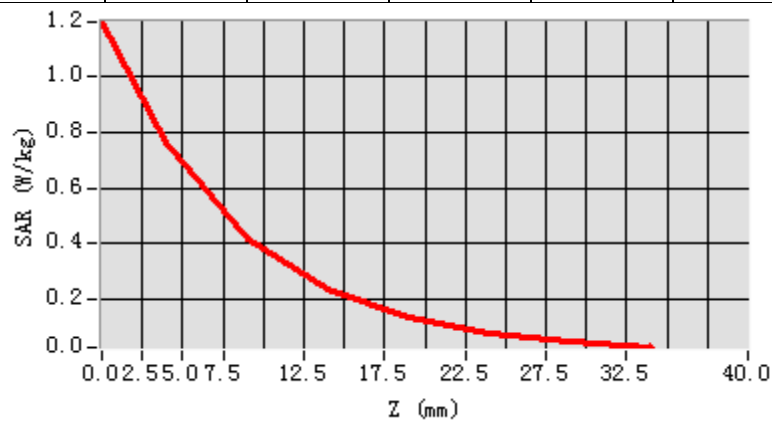


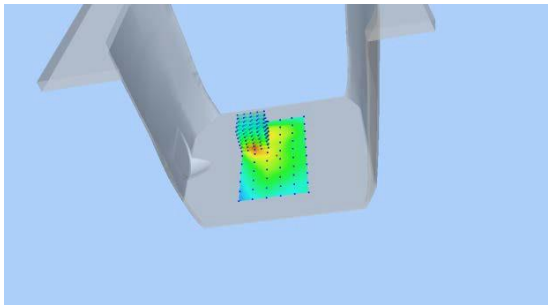
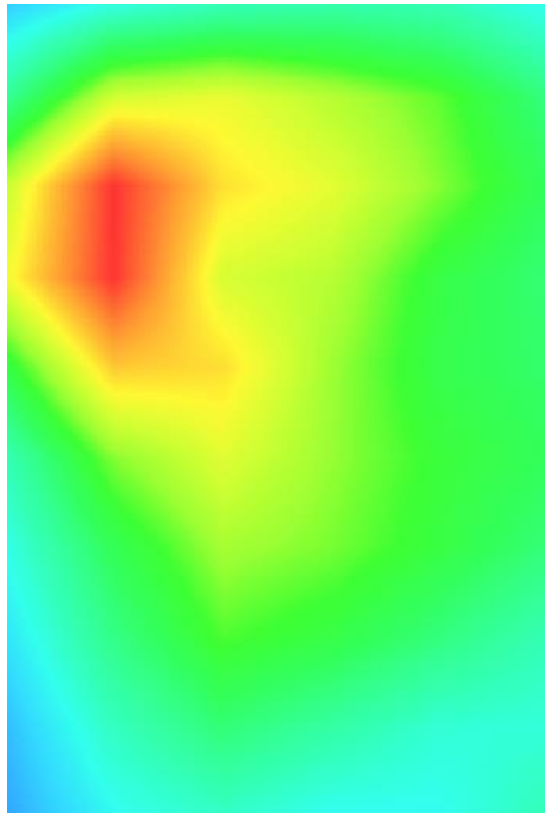
Maximum location: X=-25.00, Y=27.00

SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)	0.331862
SAR1g (W/Kg)	0.639057

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1960	0.7604	0.4196	0.2366	0.1341	0.0763	0.0450



3D screen shot	Hot spot position
	

MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 13 minutes 32 seconds

A. Experimental conditions.

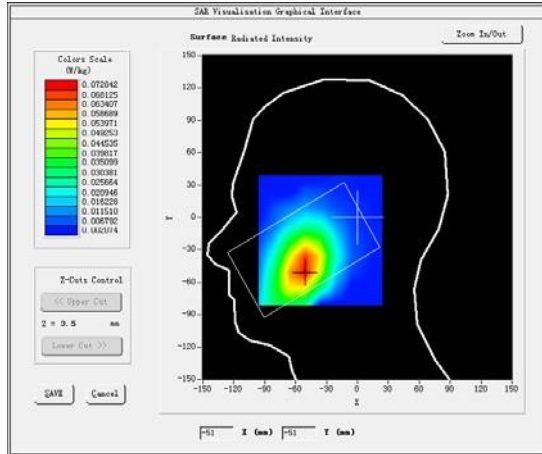
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>Zoom Scan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

B. SAR Measurement Results

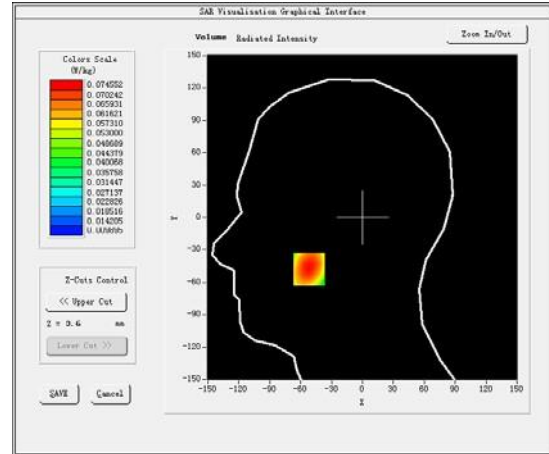
Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-1.000000

SURFACE SAR



VOLUME SAR

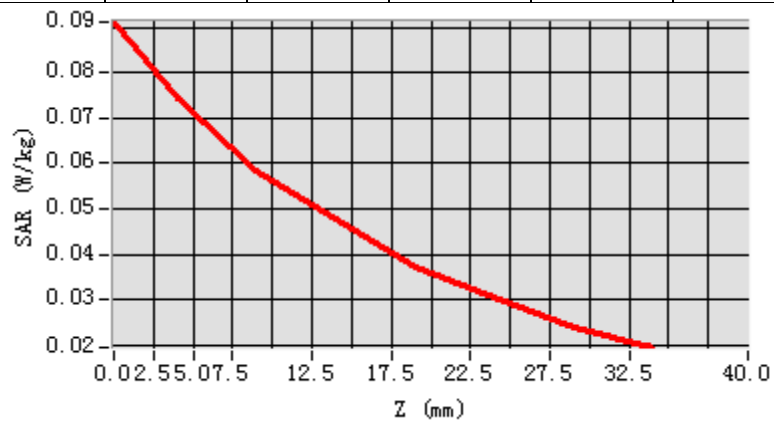


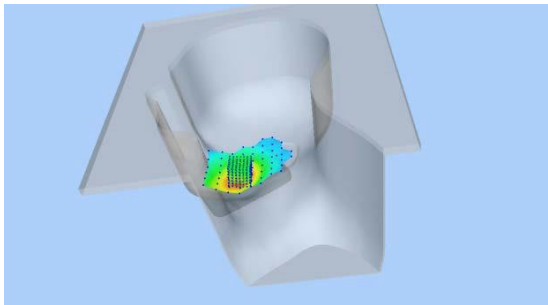
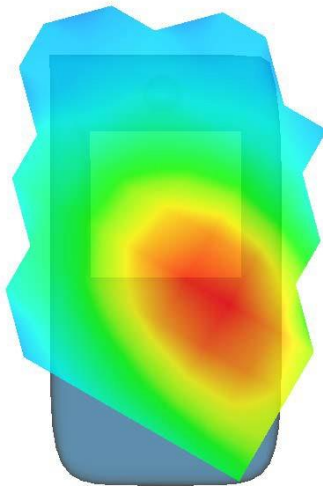
Maximum location: X=-52.00, Y=-48.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.112769
SAR1g (W/Kg)	0.140397

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0912	0.0746	0.0586	0.0476	0.0374	0.0305	0.0240



3D screen shot	Hot spot position
	

MEASUREMENT 8

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 16 minutes 27 seconds

A. Experimental conditions.

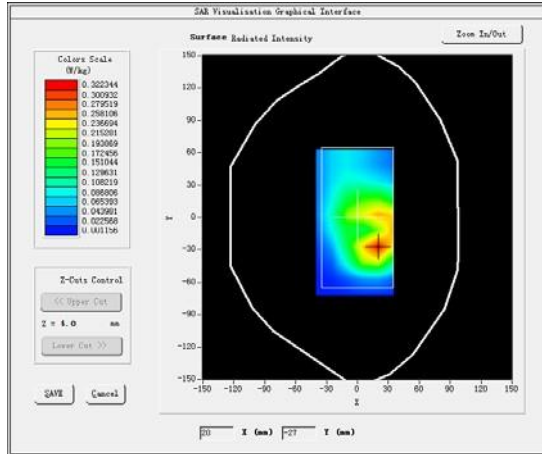
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

B. SAR Measurement Results

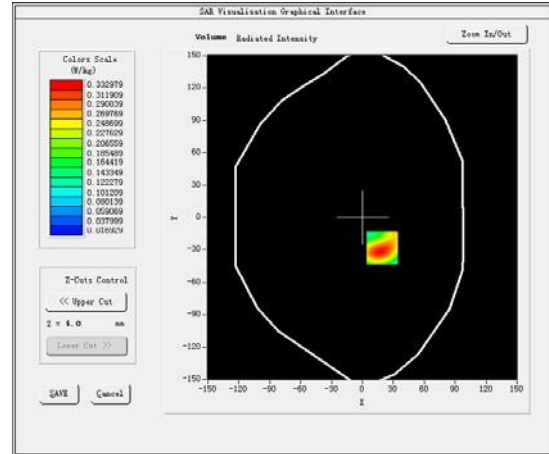
Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-2.500000

SURFACE SAR



VOLUME SAR

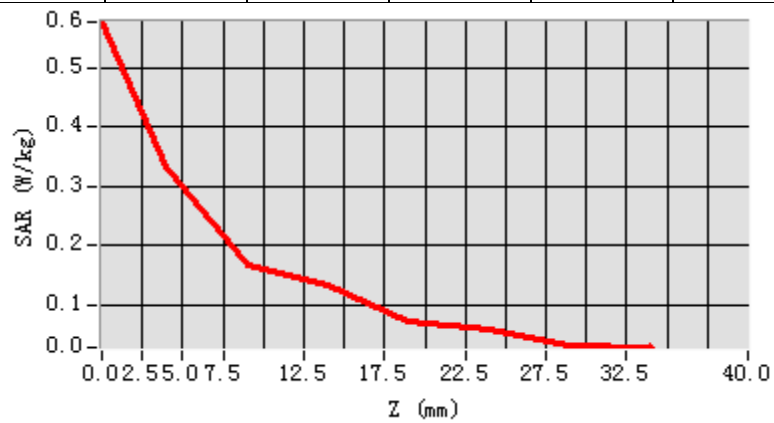


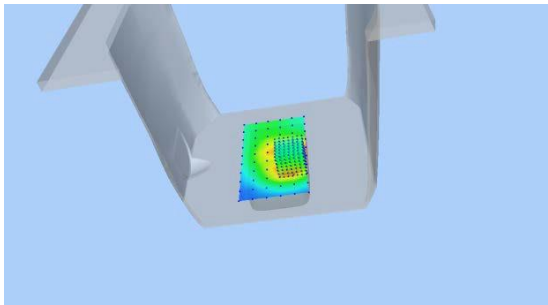
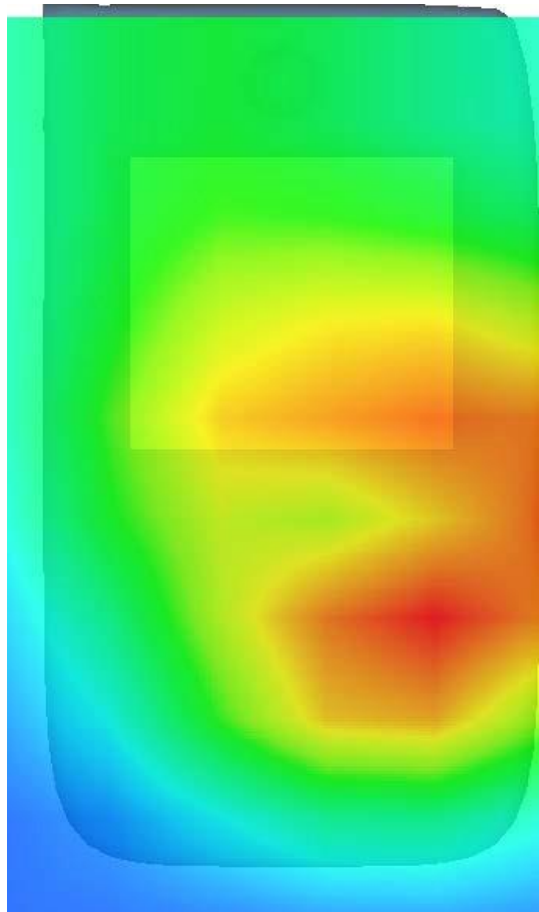
Maximum location: X=19.00, Y=-28.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.196340
SAR1g (W/Kg)	0.310298

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5781	0.3330	0.1661	0.1339	0.0710	0.0594	0.0313



3D screen shot	Hot spot position
	

MEASUREMENT 9

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

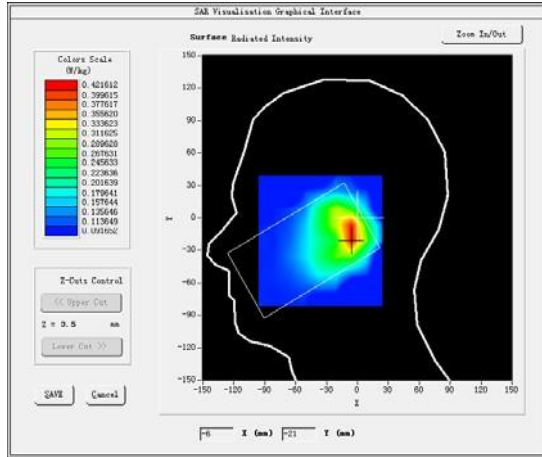
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	High
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

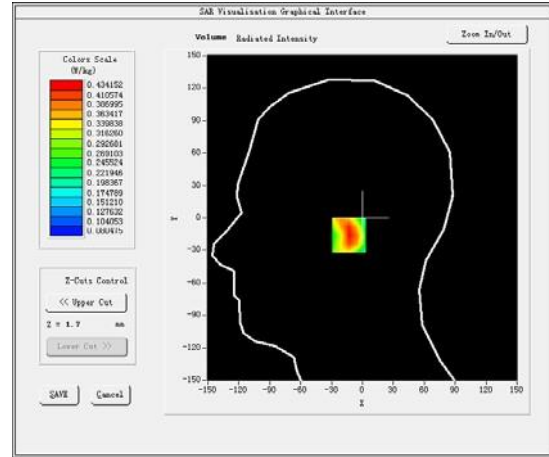
High Band SAR (Channel 19125):

Frequency (MHz)	1902.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-0.500000

SURFACE SAR



VOLUME SAR

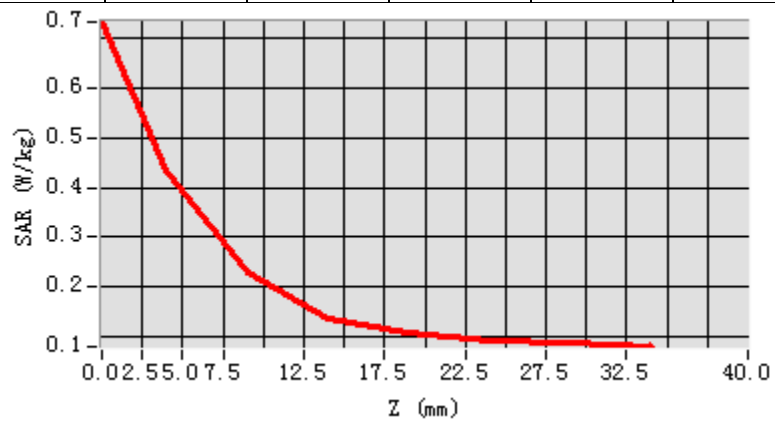


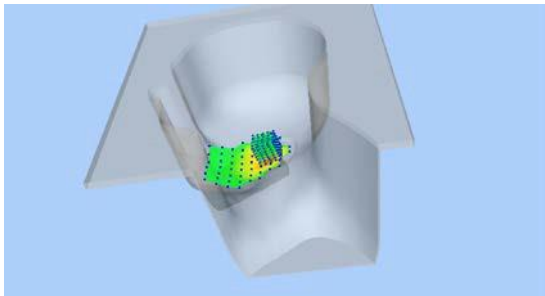
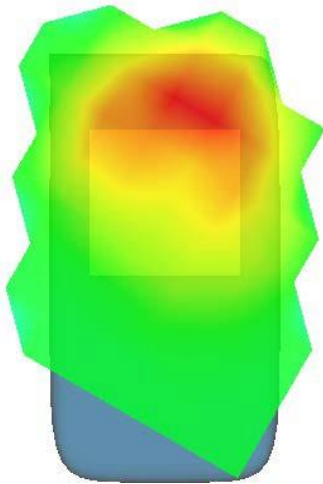
Maximum location: X=-5.00, Y=-16.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.019058
SAR1g (W/Kg)	0.031625

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7322	0.4342	0.2282	0.1375	0.1072	0.0939	0.0875



3D screen shot	Hot spot position
	

MEASUREMENT 10

Front-side

Type: Phone measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 8 minutes 0 seconds

A. Experimental conditions.

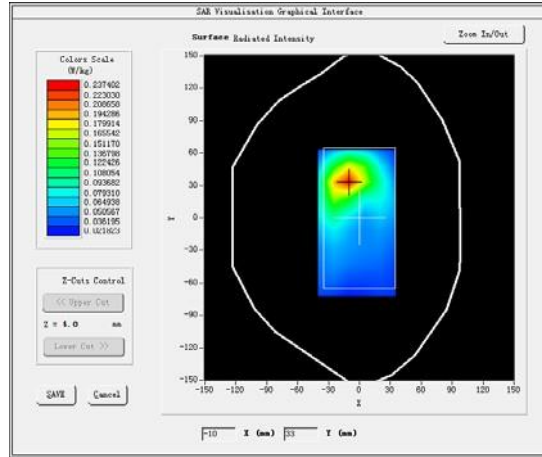
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	High
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

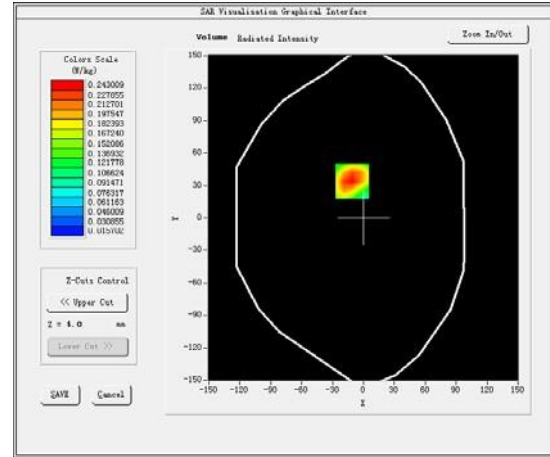
High Band SAR (Channel 19125):

Frequency (MHz)	1902.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-1.500000

SURFACE SAR



VOLUME SAR

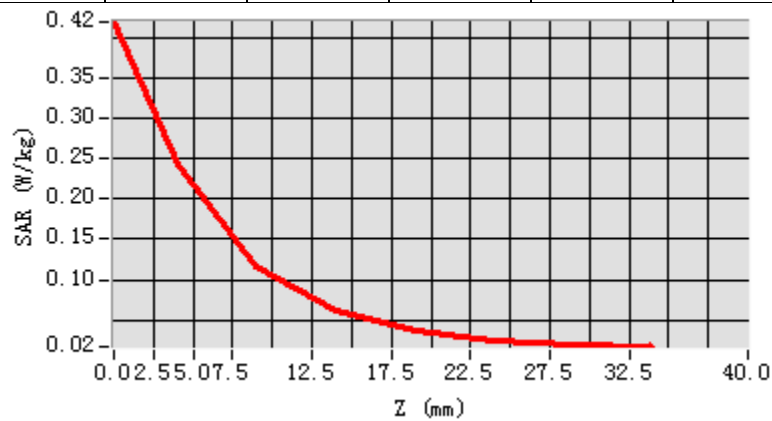


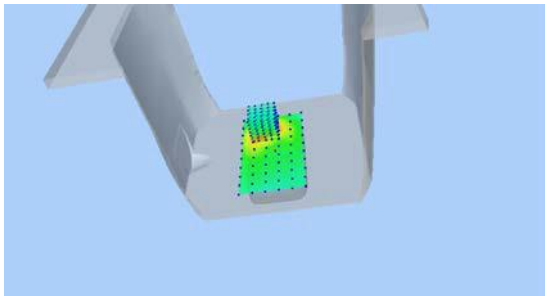
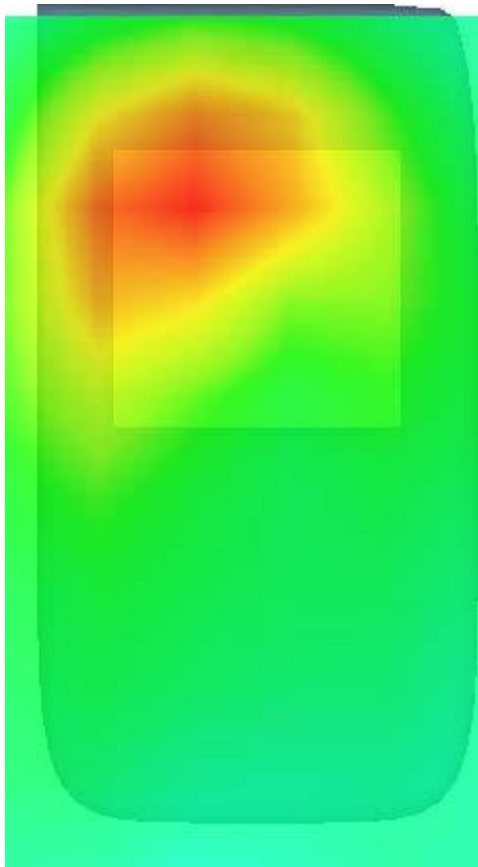
Maximum location: X=-11.00, Y=34.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.099254
SAR1g (W/Kg)	0.178169

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4194	0.2430	0.1171	0.0614	0.0359	0.0245	0.0194



3D screen shot	Hot spot position
	

MEASUREMENT 11

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 8 minutes 5 seconds

A. Experimental conditions.

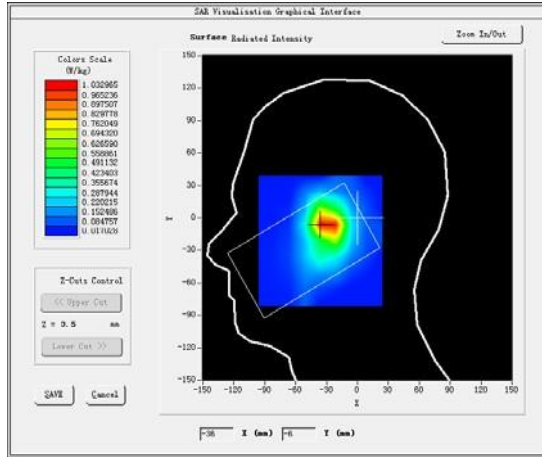
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

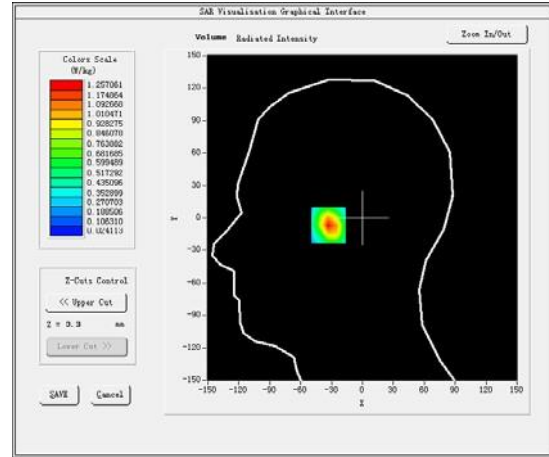
High Band SAR (Channel 20325):

Frequency (MHz)	1747.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	0.500000

SURFACE SAR



VOLUME SAR

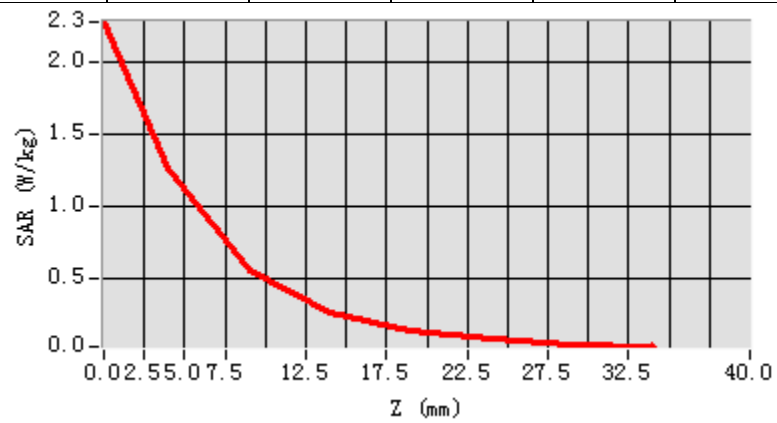


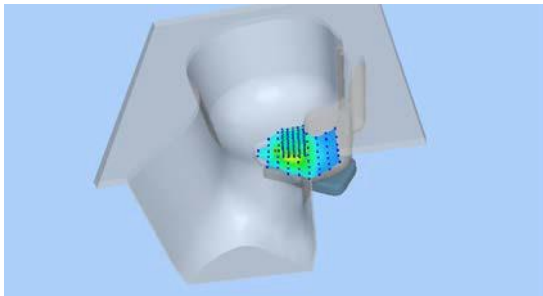
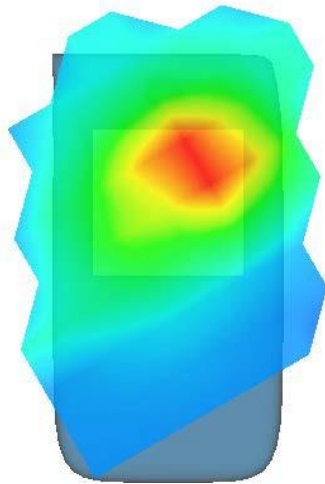
Maximum location: X=-30.00, Y=-6.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.081695
SAR1g (W/Kg)	0.128064

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.2716	1.2571	0.5564	0.2616	0.1392	0.0816	0.0496



3D screen shot	Hot spot position
	

MEASUREMENT 12

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

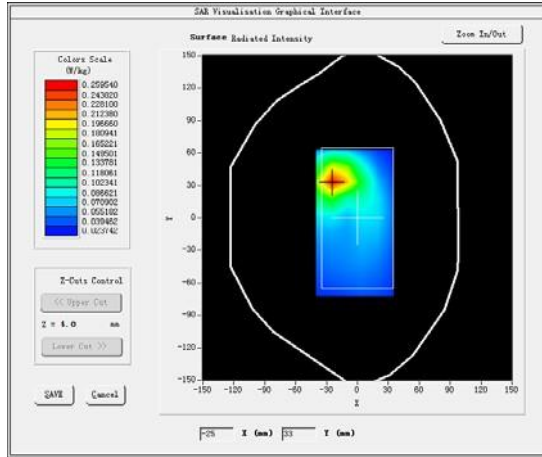
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u> <u>e</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

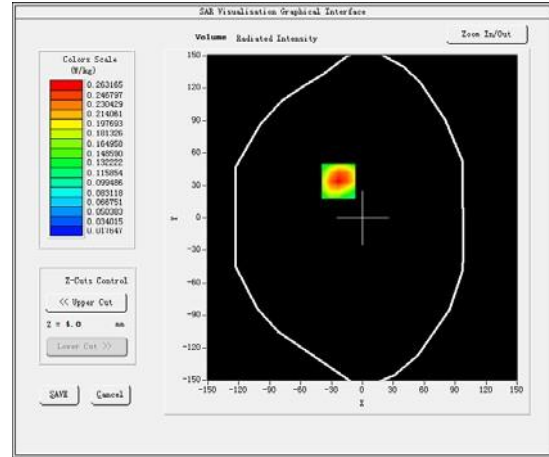
High Band SAR (Channel 20325):

Frequency (MHz)	1747.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-1.500000

SURFACE SAR



VOLUME SAR

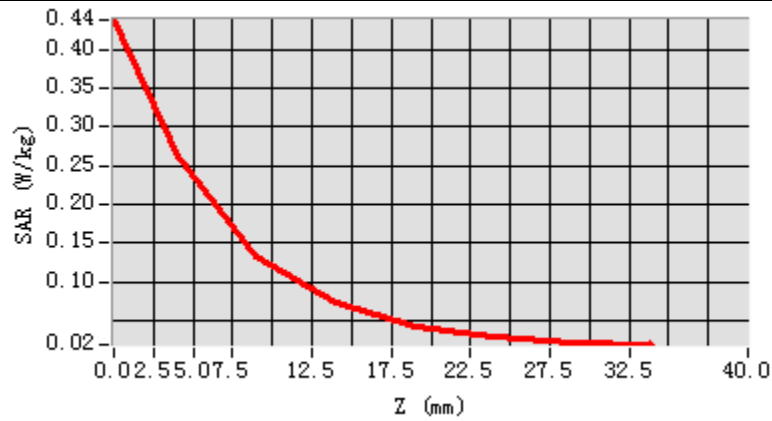


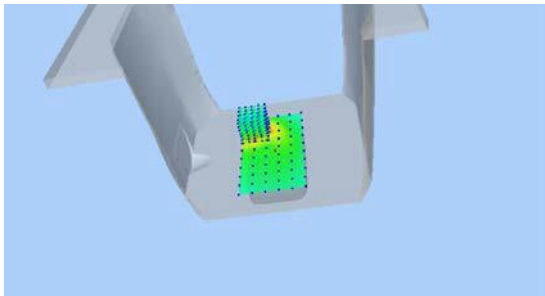
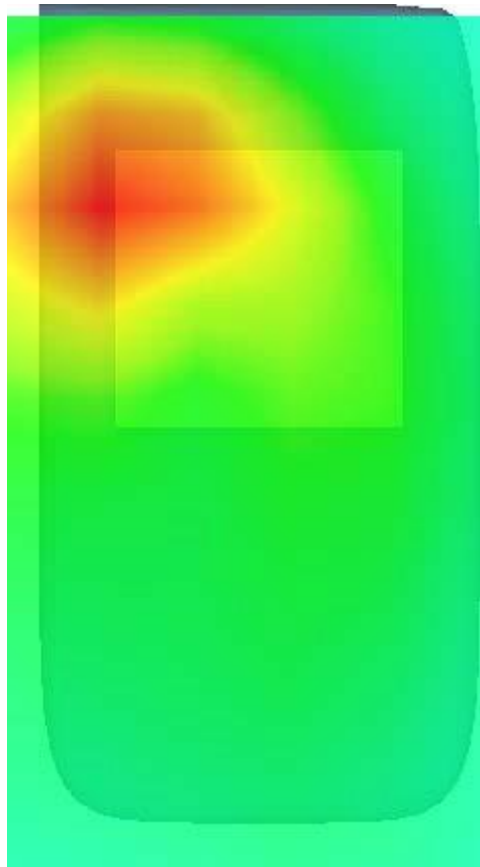
Maximum location: X=-23.00, Y=34.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.340163
SAR1g (W/Kg)	0.605169

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4383	0.2632	0.1342	0.0730	0.0433	0.0293	0.0228



3D screen shot	Hot spot position
	

MEASUREMENT 13

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 7 minutes 54 seconds

A. Experimental conditions.

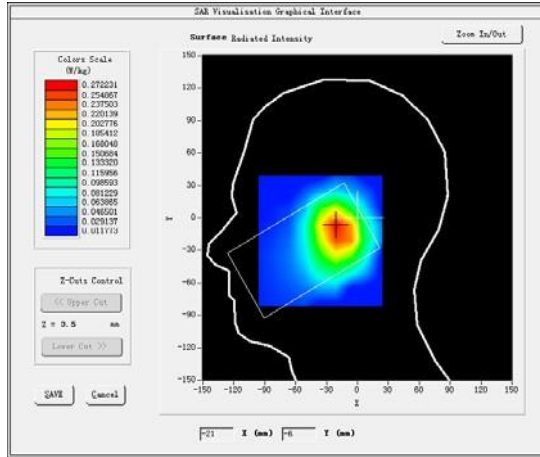
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 5</u>
<u>Channels</u>	Middle
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

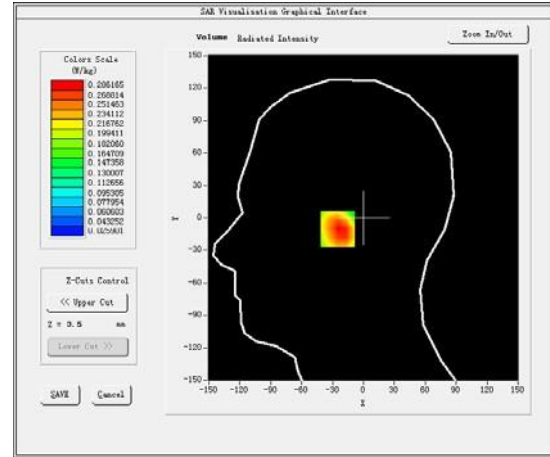
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-1.000000

SURFACE SAR



VOLUME SAR

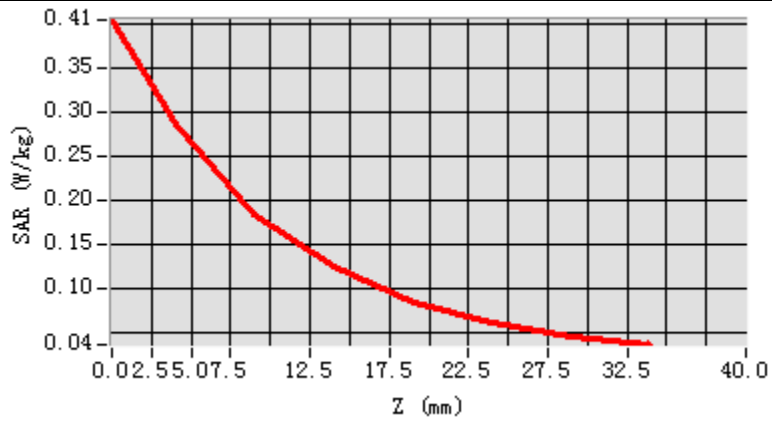


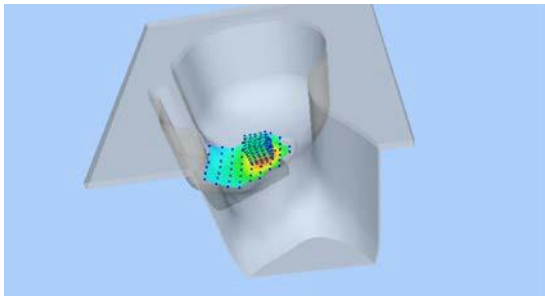
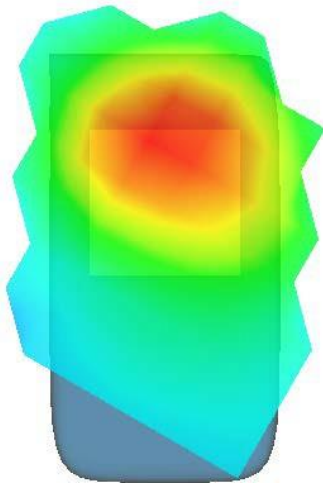
Maximum location: X=-19.00, Y=-10.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.117263
SAR1g (W/Kg)	0.150067

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4053	0.2862	0.1848	0.1234	0.0841	0.0598	0.0455



3D screen shot	Hot spot position
	

MEASUREMENT 14

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 8 minutes 16 seconds

A. Experimental conditions.

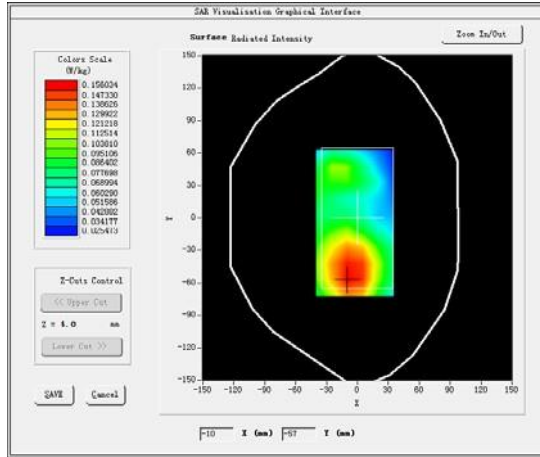
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 5</u>
<u>Channels</u>	Middle
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

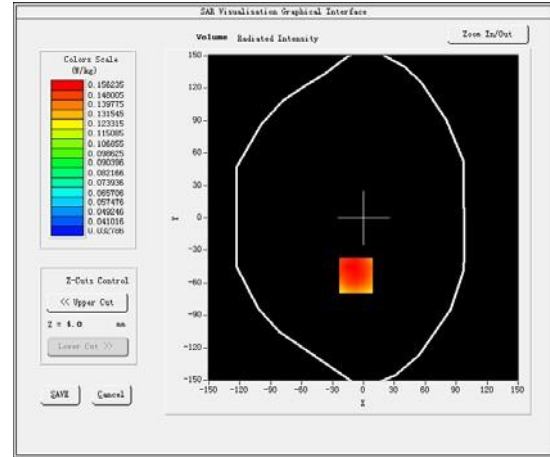
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-1.750000

SURFACE SAR



VOLUME SAR

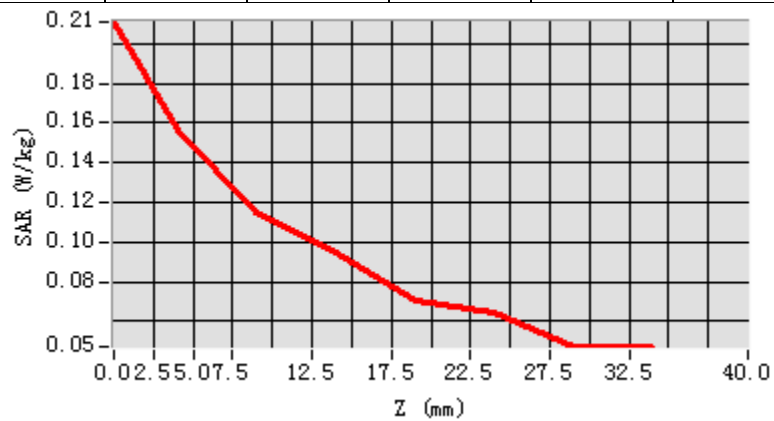


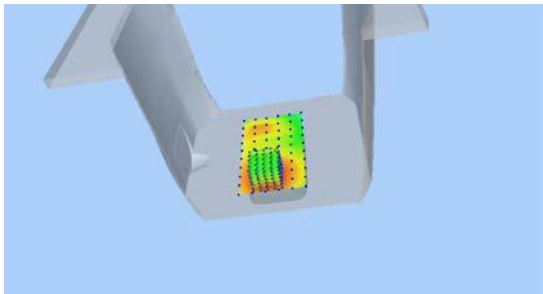
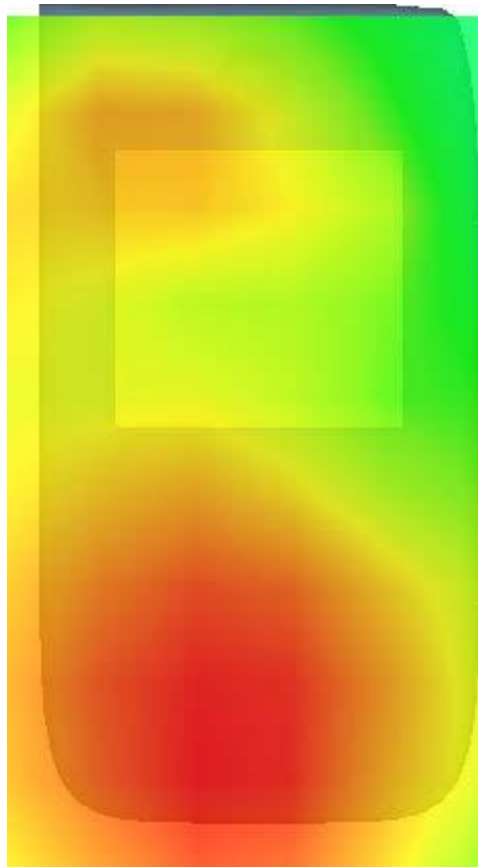
Maximum location: X=-7.00, Y=-53.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.195270
SAR1g (W/Kg)	0.309285

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2108	0.1562	0.1148	0.0951	0.0709	0.0643	0.0474



3D screen shot	Hot spot position
	

MEASUREMENT 15

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 7 minutes 56 seconds

A. Experimental conditions.

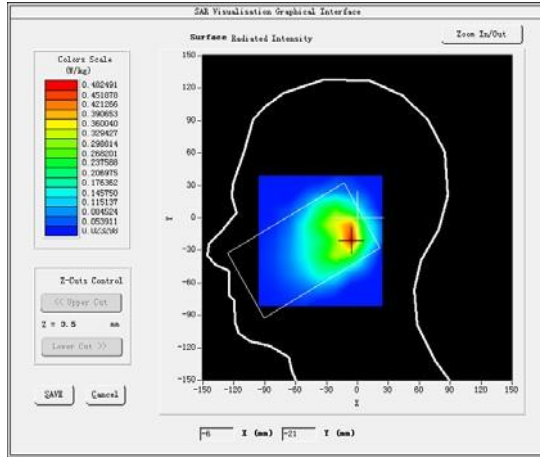
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	Middle
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

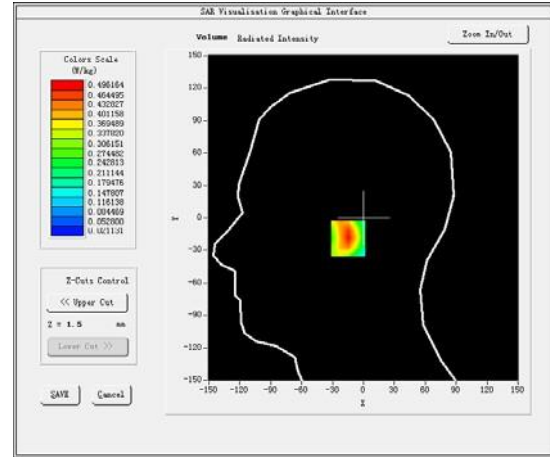
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.000000

SURFACE SAR



VOLUME SAR

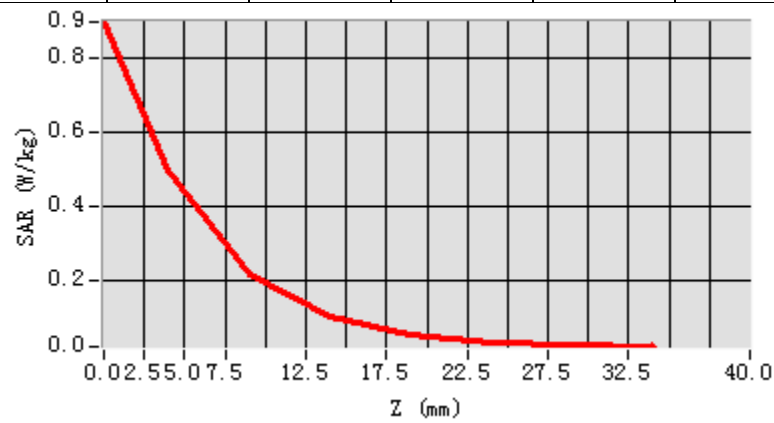


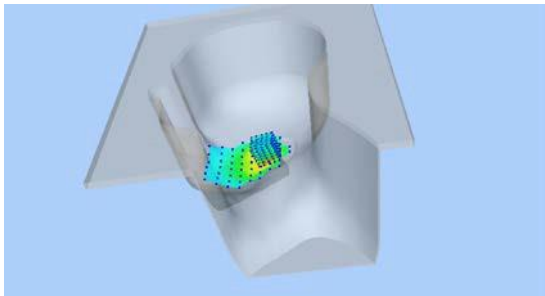
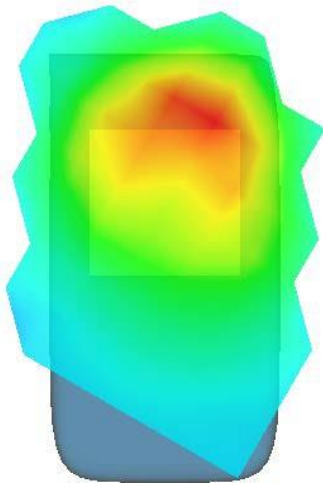
Maximum location: X=-7.00, Y=-19.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.015204
SAR1g (W/Kg)	0.030498

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8977	0.4962	0.2188	0.1053	0.0571	0.0356	0.0267



3D screen shot	Hot spot position
	

MEASUREMENT 16

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 8 minutes 0 seconds

A. Experimental conditions.

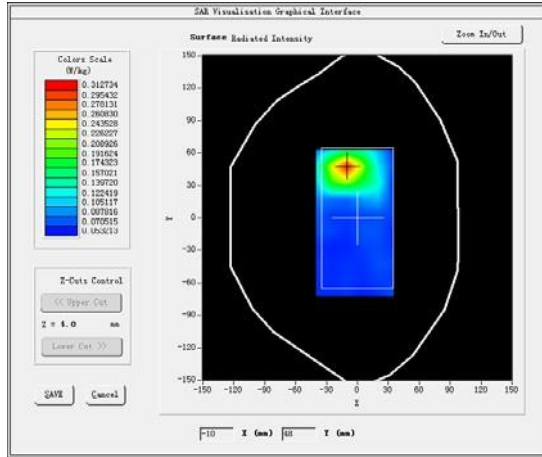
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	Middle
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

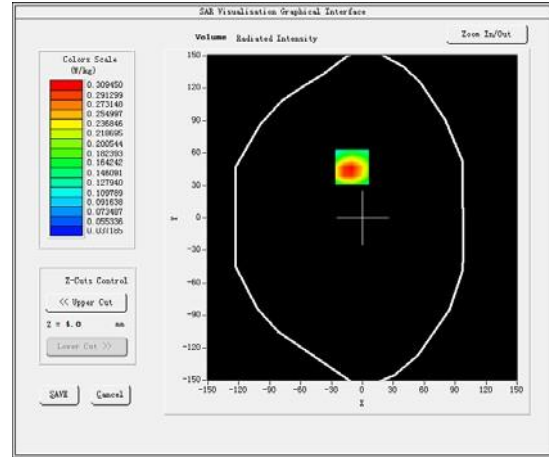
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.500000

SURFACE SAR



VOLUME SAR

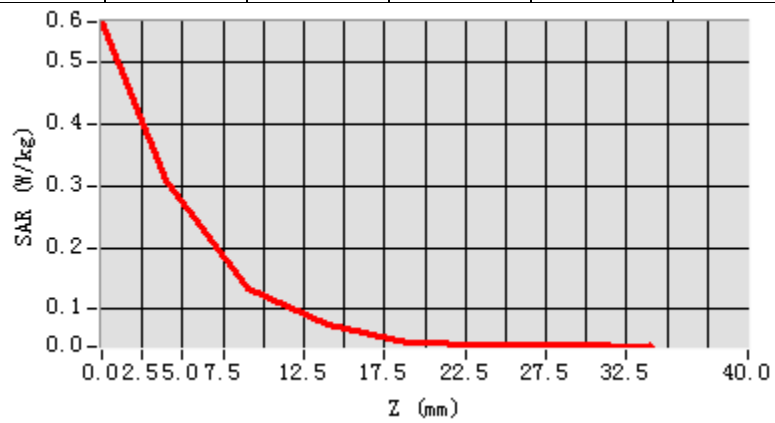


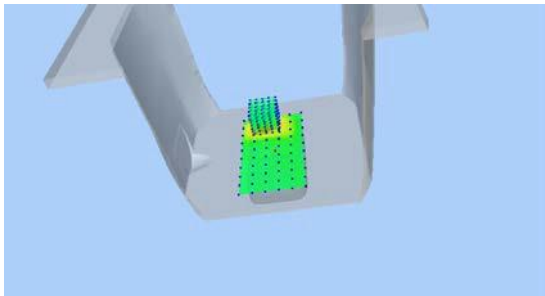
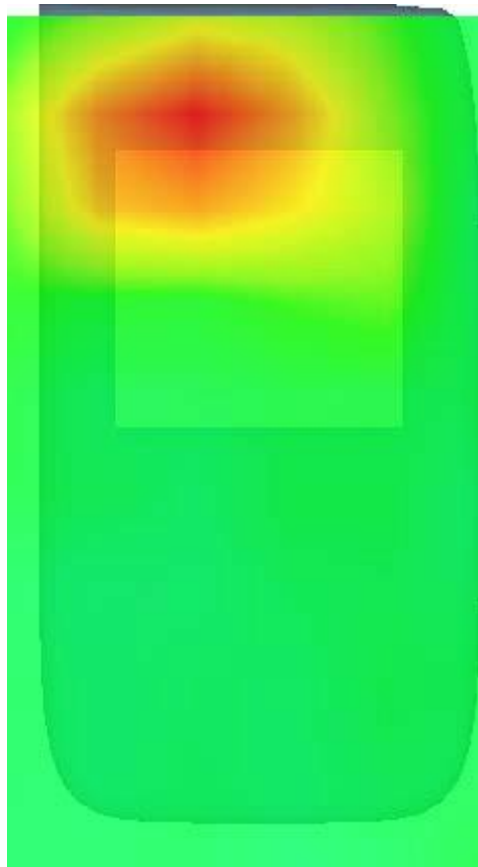
Maximum location: X=-10.00, Y=47.00

SAR Peak: 0.47 W/kg

SAR 10g (W/Kg)	0.125096
SAR1g (W/Kg)	0.245397

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5665	0.3095	0.1338	0.0742	0.0451	0.0424	0.0412



3D screen shot	Hot spot position
	

MEASUREMENT 17

10M-1RB

Type: Phone measurement (Complete)

Date of measurement: 09/11/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

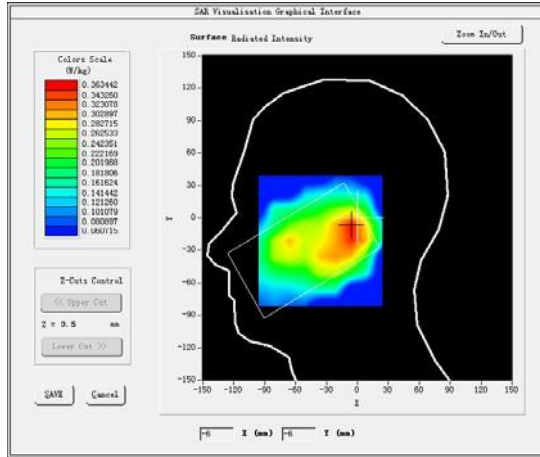
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 12</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>LTE (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

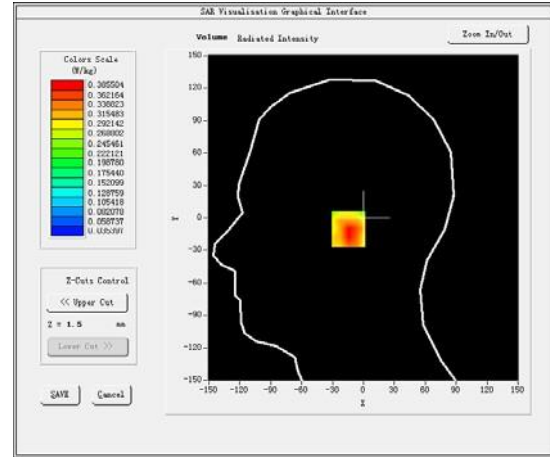
High Band SAR (Channel 23155):

Frequency (MHz)	713.500000
Relative permittivity (real part)	41.350601
Relative permittivity (imaginary part)	21.254601
Conductivity (S/m)	0.885608
Variation (%)	-1.250000

SURFACE SAR



VOLUME SAR

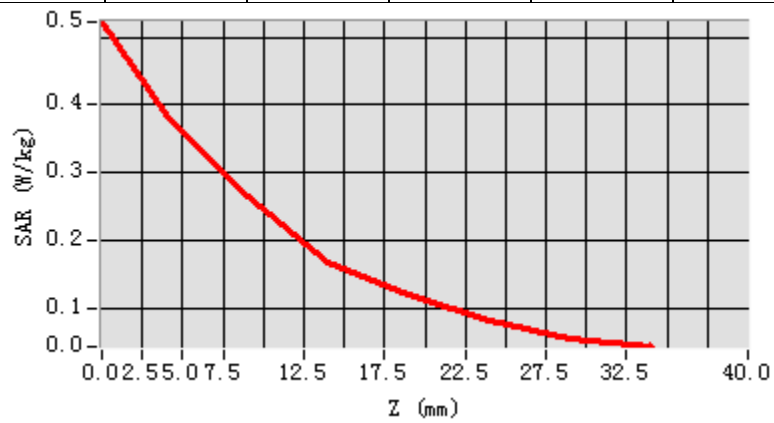


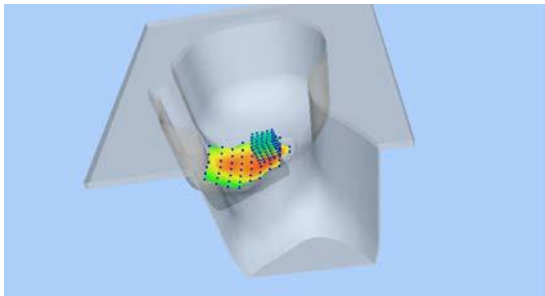
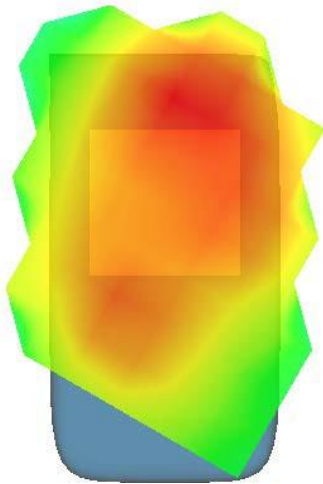
Maximum location: X=-7.00, Y=-10.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.049372
SAR1g (W/Kg)	0.065117

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5227	0.3855	0.2652	0.1661	0.1185	0.0829	0.0543



3D screen shot	Hot spot position
	

MEASUREMENT 18

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 09/11/2024

Measurement duration: 10 minutes 45 seconds

A. Experimental conditions.

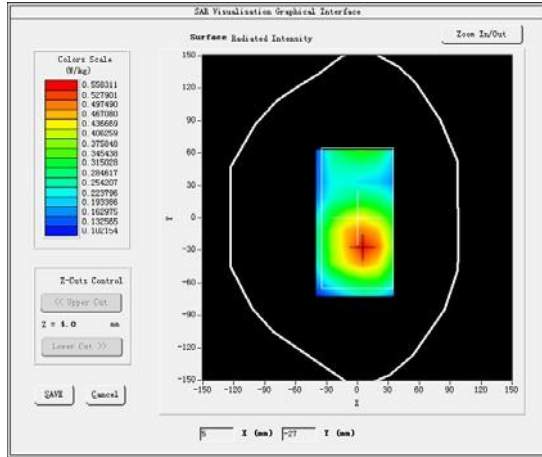
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 12</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>LTE (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

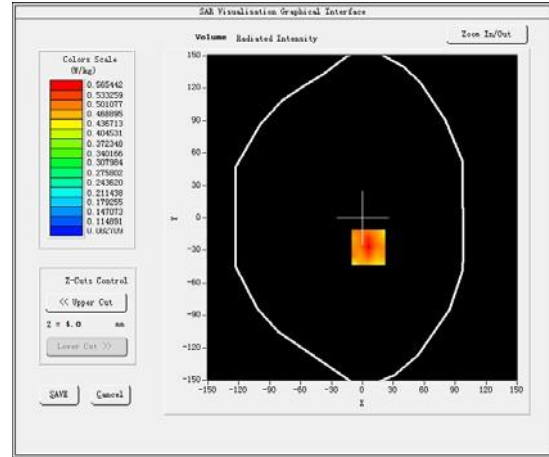
High Band SAR (Channel 23155):

Frequency (MHz)	713.500000
Relative permittivity (real part)	41.350601
Relative permittivity (imaginary part)	21.254601
Conductivity (S/m)	0.885608
Variation (%)	-1.750000

SURFACE SAR



VOLUME SAR

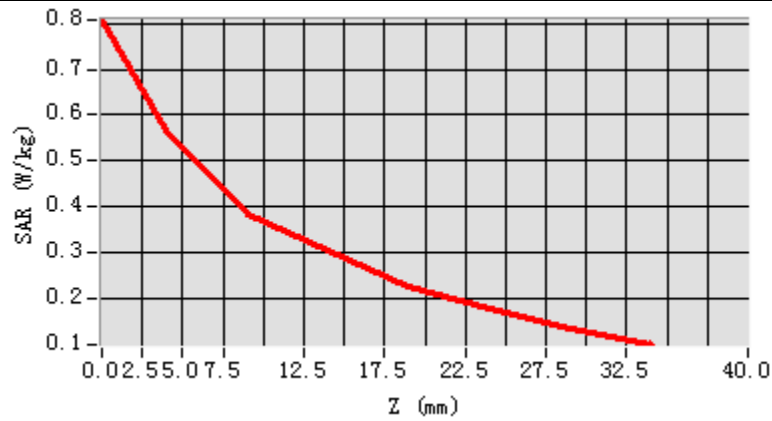


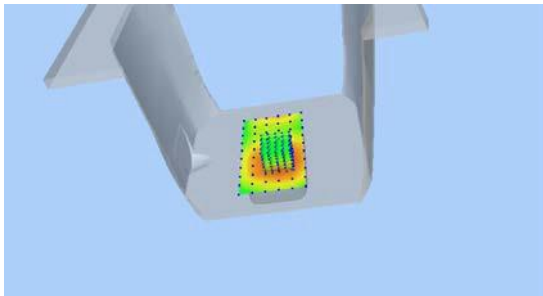
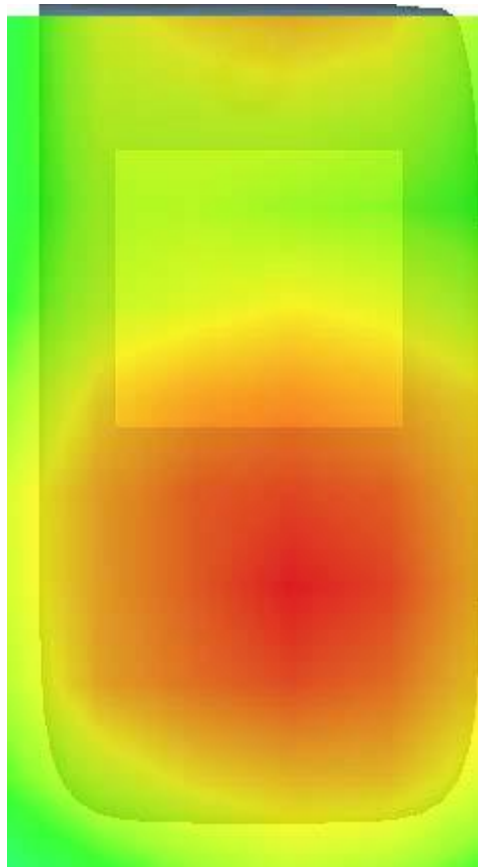
Maximum location: X=6.00, Y=-27.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.096124
SAR1g (W/Kg)	0.149318

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8077	0.5654	0.3809	0.3025	0.2263	0.1773	0.1341



3D screen shot	Hot spot position
	

MEASUREMENT 19

10M-1RB

Type: Phone measurement (Complete)

Date of measurement: 09/11/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

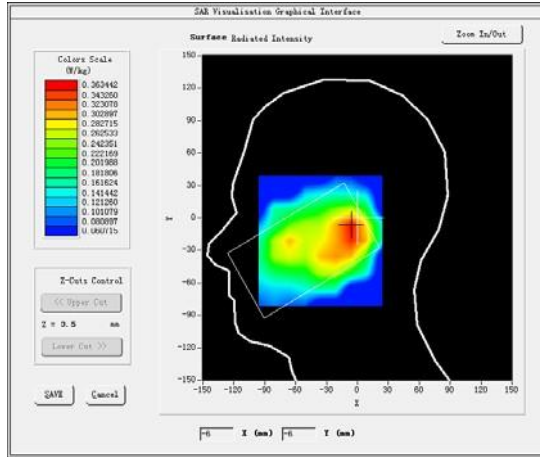
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 17</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>LTE (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

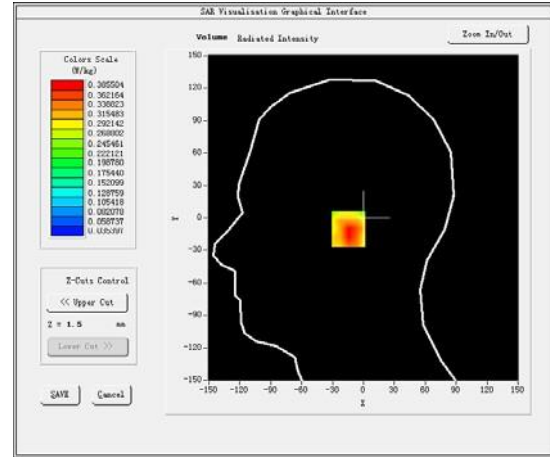
Low Band SAR (Channel 23780):

Frequency (MHz)	709.000000
Relative permittivity (real part)	41.350601
Relative permittivity (imaginary part)	21.254601
Conductivity (S/m)	0.885608
Variation (%)	-1.000000

SURFACE SAR



VOLUME SAR

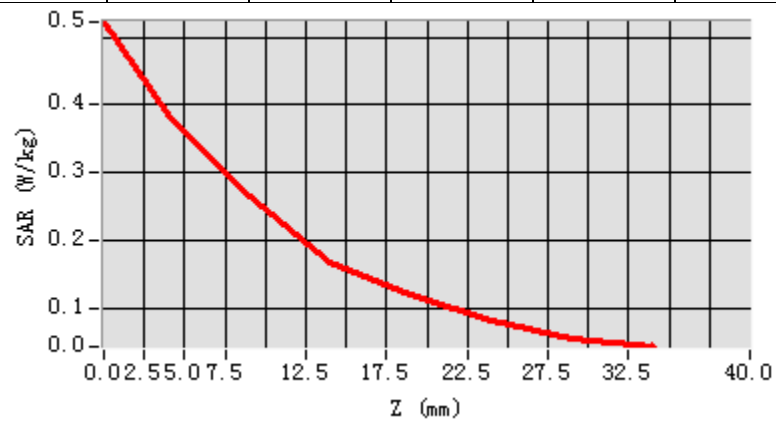


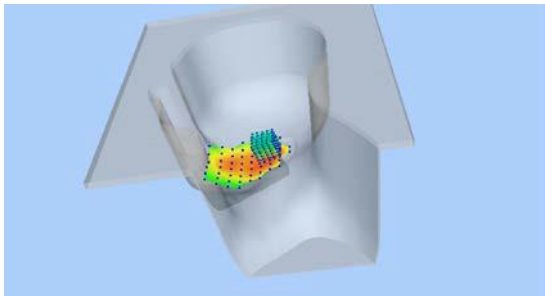
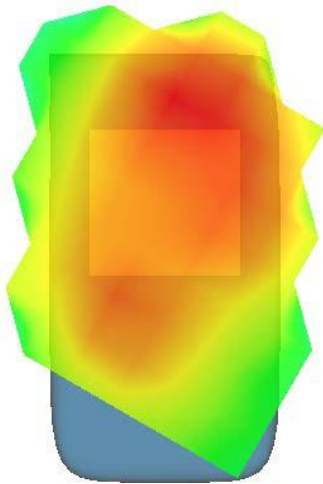
Maximum location: X=-7.00, Y=-10.00

SAR Peak: 0.15W/kg

SAR 10g (W/Kg)	0.052736
SAR1g (W/Kg)	0.072639

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5227	0.3855	0.2652	0.1661	0.1185	0.0829	0.0543



3D screen shot	Hot spot position
	

MEASUREMENT 20

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 09/11/2024

Measurement duration: 10 minutes 45 seconds

A. Experimental conditions.

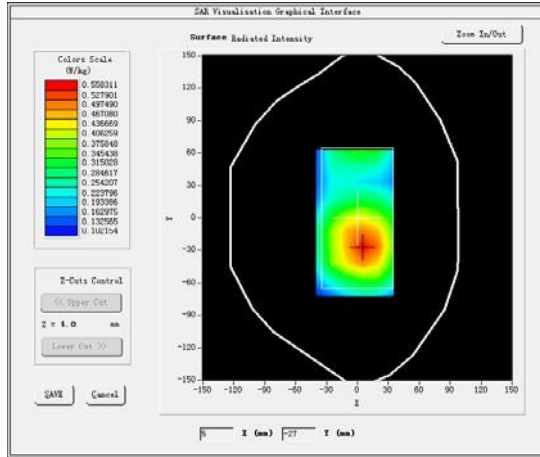
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 17</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>LTE (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

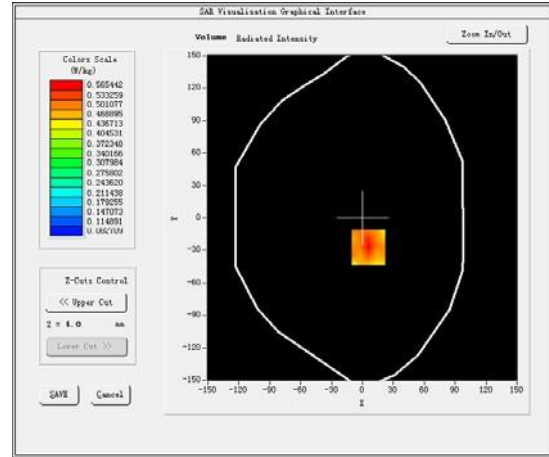
Low Band SAR (Channel 23780):

Frequency (MHz)	709.000000
Relative permittivity (real part)	41.350601
Relative permittivity (imaginary part)	21.254601
Conductivity (S/m)	0.885608
Variation (%)	-1.000000

SURFACE SAR



VOLUME SAR

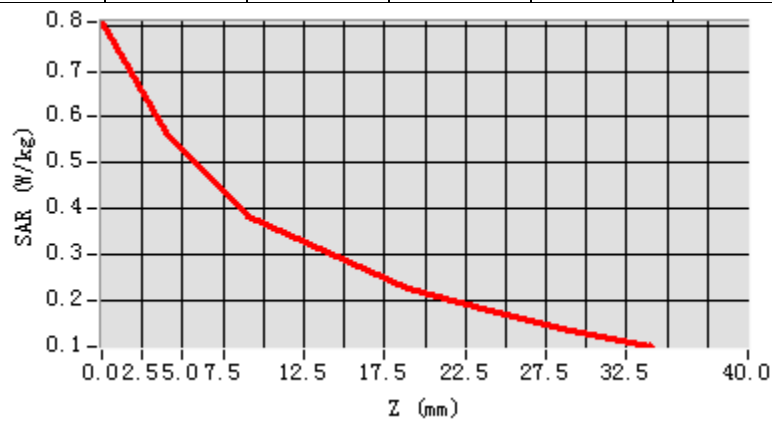


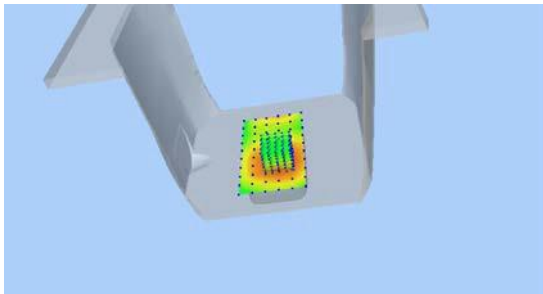
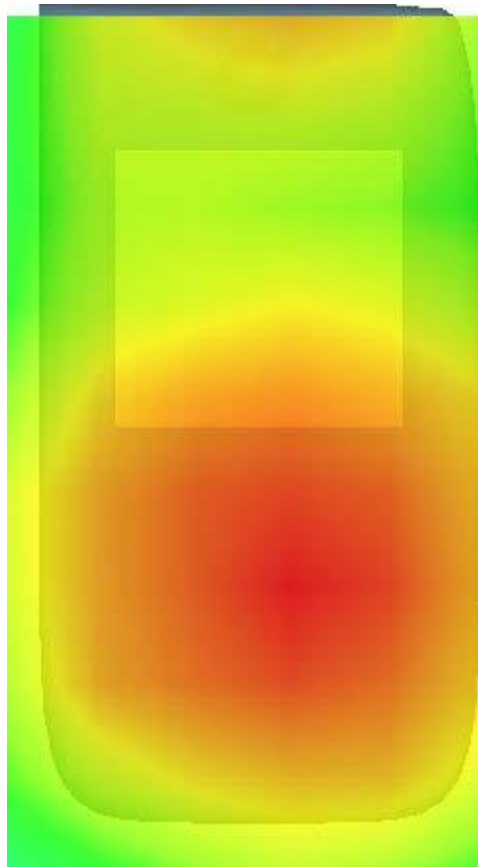
Maximum location: X=6.00, Y=-27.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.099273
SAR1g (W/Kg)	0.152749

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8077	0.5654	0.3809	0.3025	0.2263	0.1773	0.1341



3D screen shot	Hot spot position
	

MEASUREMENT 21

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

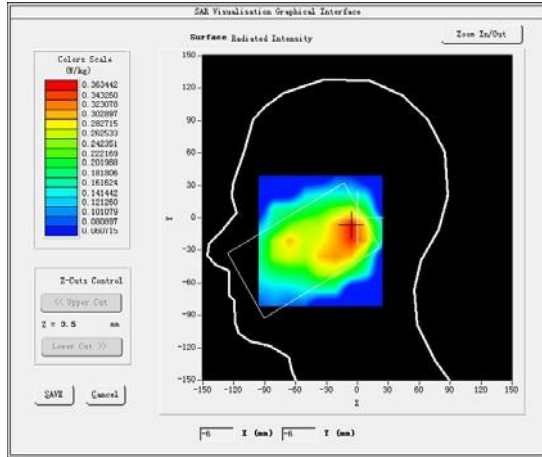
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 38</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>LTE (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

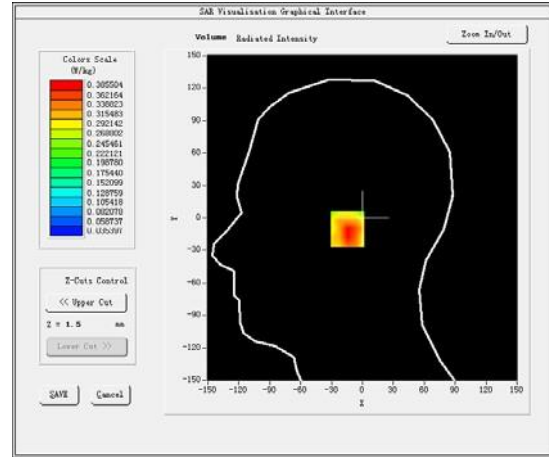
High Band SAR (Channel 38125):

Frequency (MHz)	2612.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-4.750000

SURFACE SAR



VOLUME SAR

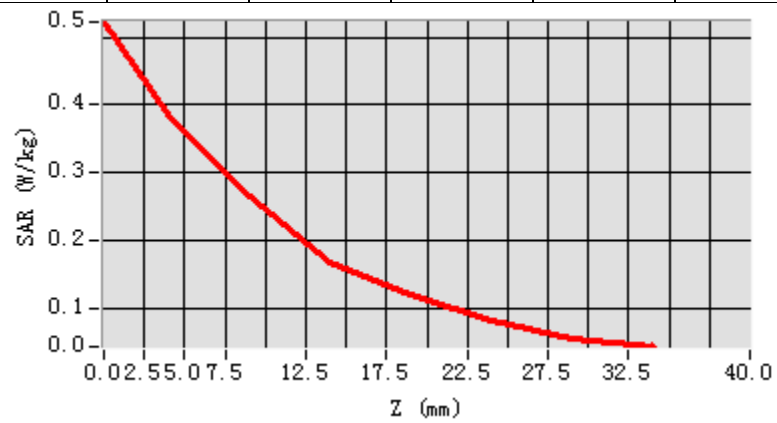


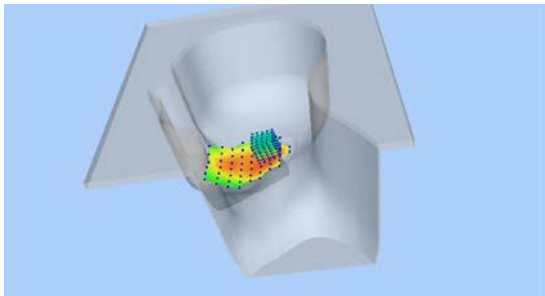
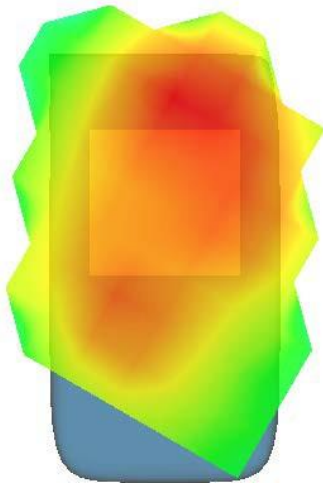
Maximum location: X=-7.00, Y=-10.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.013758
SAR1g (W/Kg)	0.031499

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5227	0.3855	0.2652	0.1661	0.1185	0.0829	0.0543



3D screen shot	Hot spot position
	

MEASUREMENT 22

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 10 minutes 45 seconds

A. Experimental conditions.

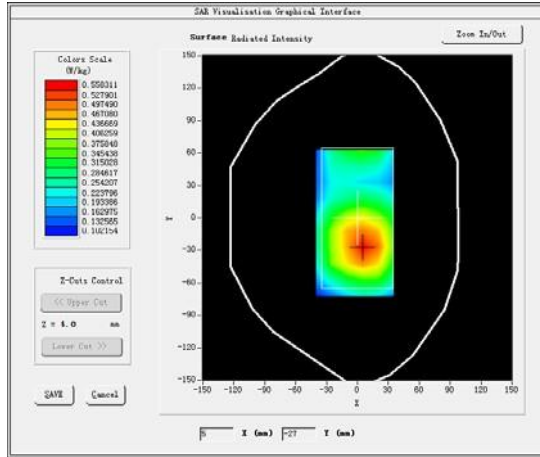
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 38</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>LTE (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

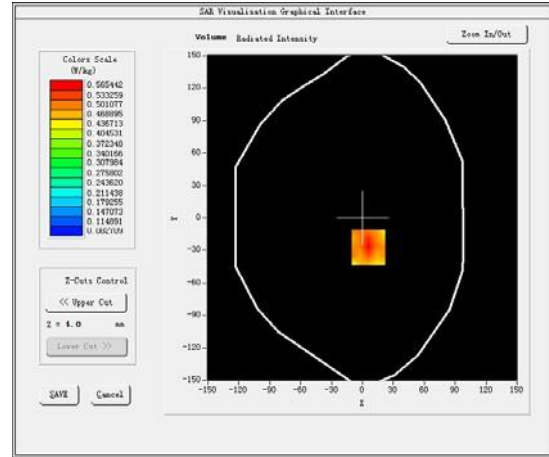
High Band SAR (Channel 38125):

Frequency (MHz)	2612.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.250000

SURFACE SAR



VOLUME SAR

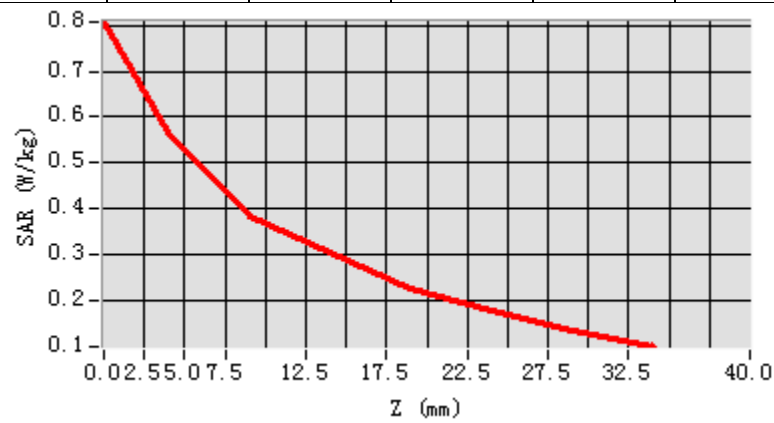


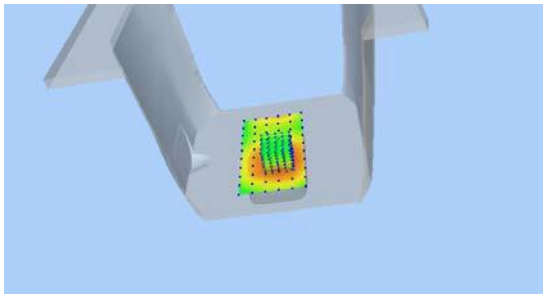
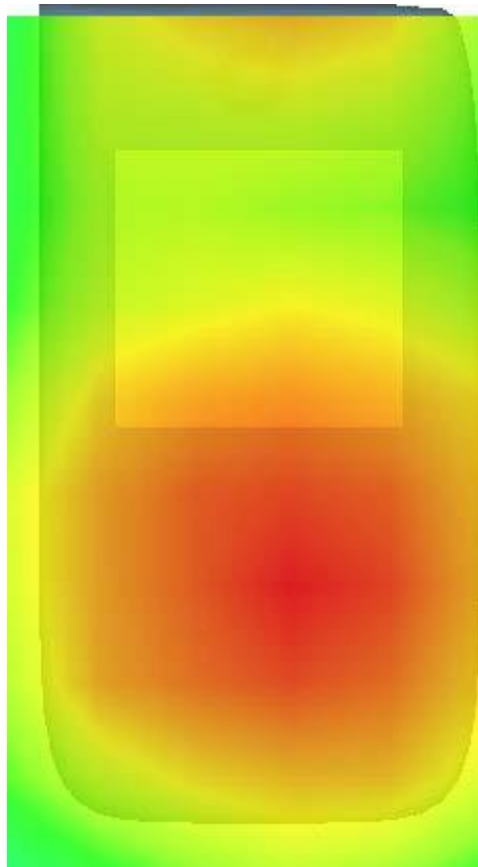
Maximum location: X=6.00, Y=-27.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.128069
SAR1g (W/Kg)	0.251836

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8077	0.5654	0.3809	0.3025	0.2263	0.1773	0.1341



3D screen shot	Hot spot position
	

MEASUREMENT 23

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

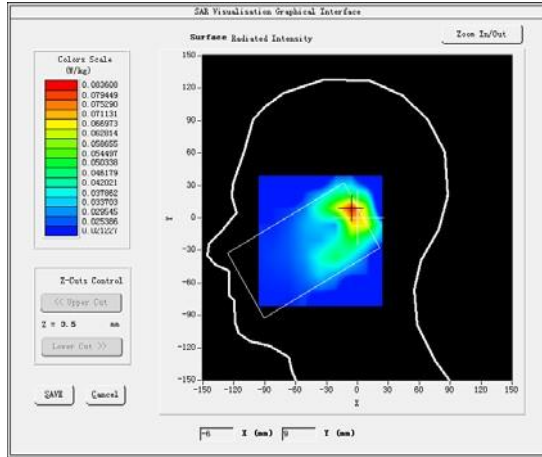
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 41</u>
<u>Channels</u>	Low
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

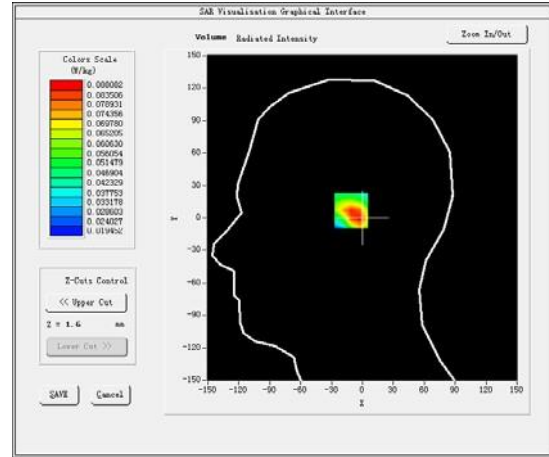
Low Band SAR (Channel 39725):

Frequency (MHz)	2503.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-2.250000

SURFACE SAR



VOLUME SAR

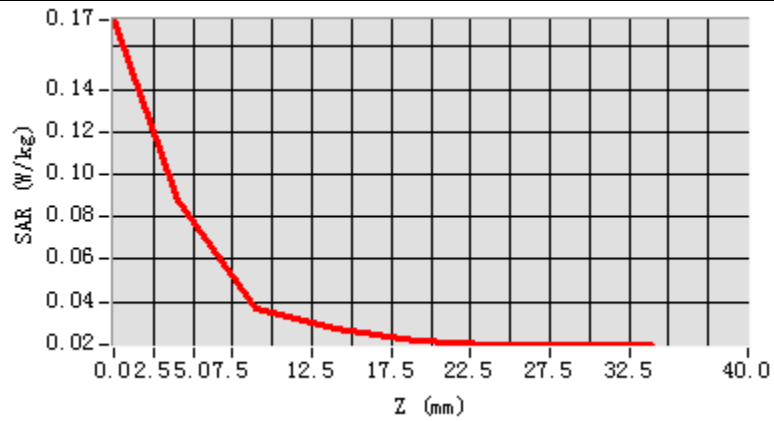


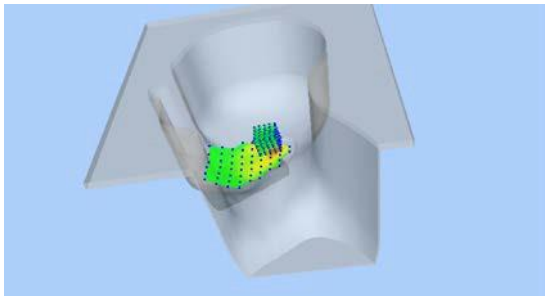
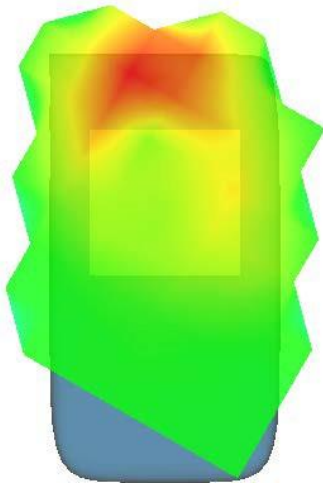
Maximum location: X=-6.00, Y=7.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.047116
SAR1g (W/Kg)	0.087069

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1727	0.0881	0.0367	0.0272	0.0220	0.0202	0.0199



3D screen shot	Hot spot position
	

MEASUREMENT 24

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 7 minutes 31 seconds

A. Experimental conditions.

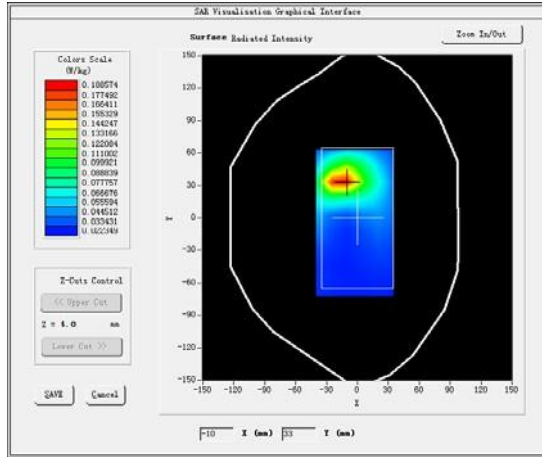
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 41</u>
<u>Channels</u>	Low
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

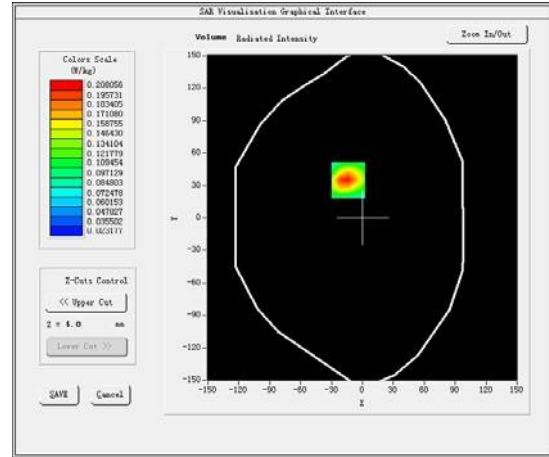
Low Band SAR (Channel 39725):

Frequency (MHz)	2503.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.000000

SURFACE SAR



VOLUME SAR

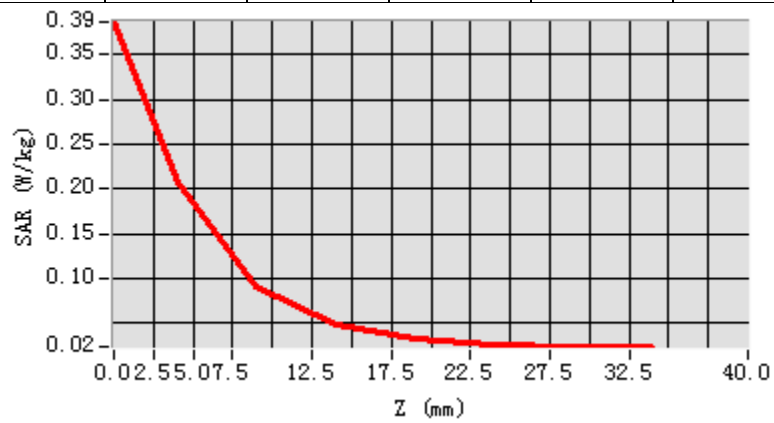


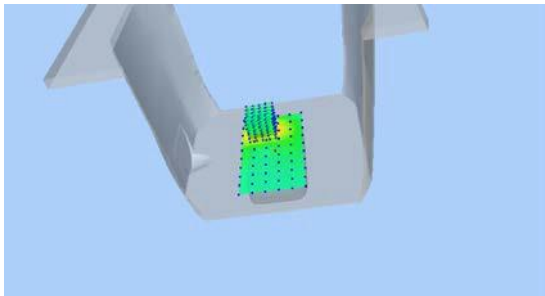
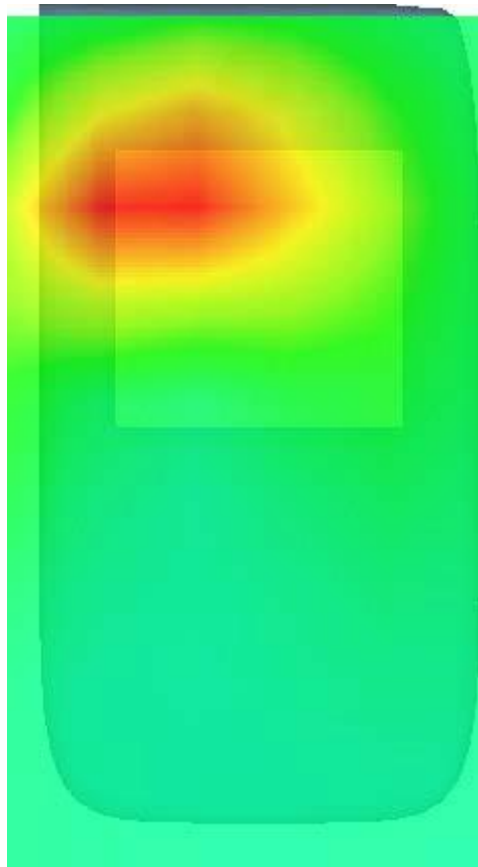
Maximum location: X=-14.00, Y=35.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.310469
SAR1g (W/Kg)	0.618097

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3869	0.2081	0.0900	0.0482	0.0324	0.0262	0.0243



3D screen shot	Hot spot position
	

MEASUREMENT 25

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 03/12/2024

Measurement duration: 7 minutes 53 seconds

C. Experimental conditions.

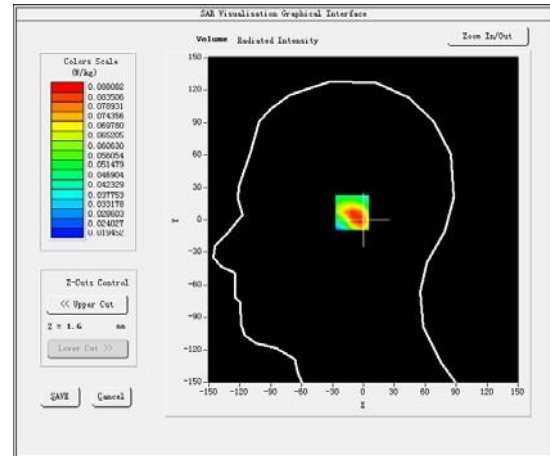
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 42</u>
<u>Channels</u>	High
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

D. SAR Measurement Results

High Band SAR (Channel 43015):

Frequency (MHz)	3452.500000
Relative permittivity (real part)	38.202704
Relative permittivity (imaginary part)	14.242830
Conductivity (S/m)	2.943439
Variation (%)	-1.250000

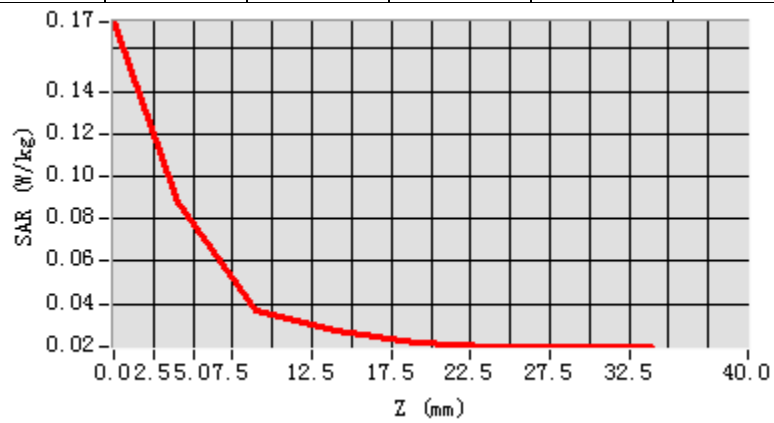
VOLUME SAR

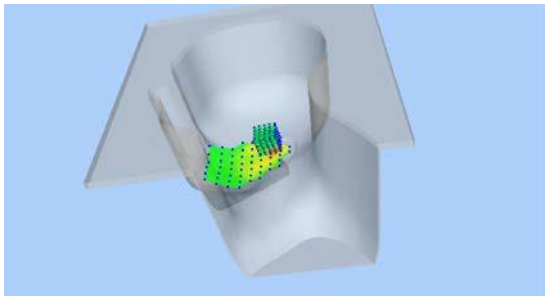
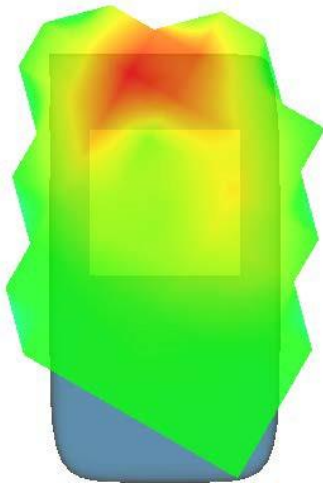


SAR Peak: 1.39 W/kg

SAR 10g (W/Kg)	0.370855
SAR1g (W/Kg)	0.982640

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1727	0.0881	0.0367	0.0272	0.0220	0.0202	0.0199



3D screen shot	Hot spot position
	

MEASUREMENT 26

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 03/12/2024

Measurement duration: 7 minutes 31 seconds

C. Experimental conditions.

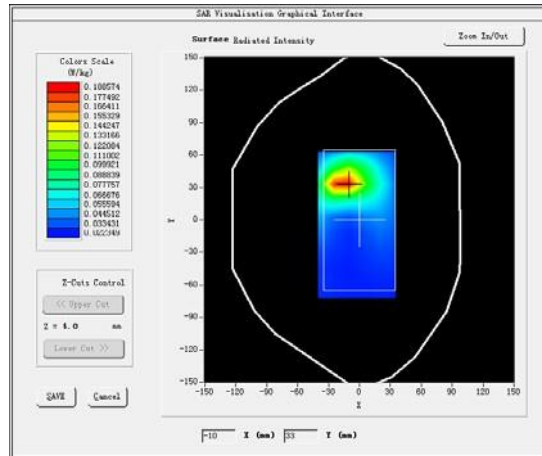
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 42</u>
<u>Channels</u>	High
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

D. SAR Measurement Results

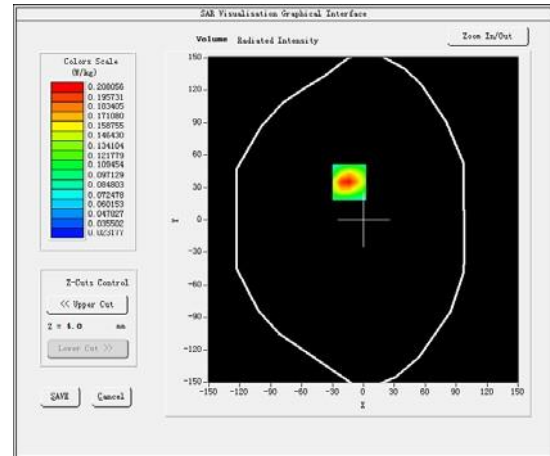
High Band SAR (Channel 43015):

Frequency (MHz)	3542.500000
Relative permittivity (real part)	38.202704
Relative permittivity (imaginary part)	14.242830
Conductivity (S/m)	2.943439
Variation (%)	-1.500000

SURFACE SAR



VOLUME SAR

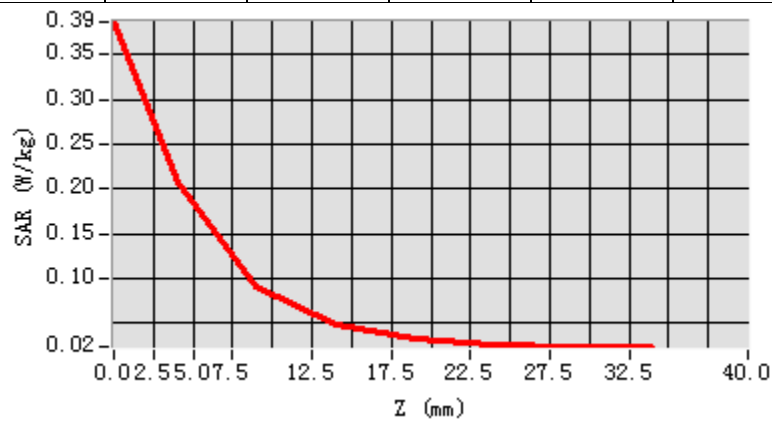


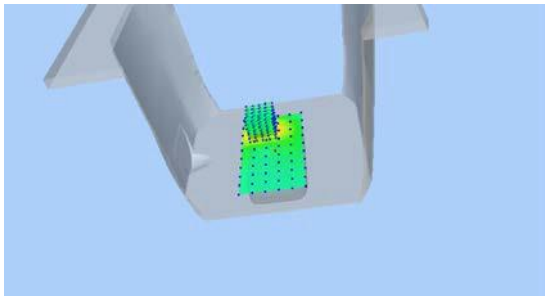
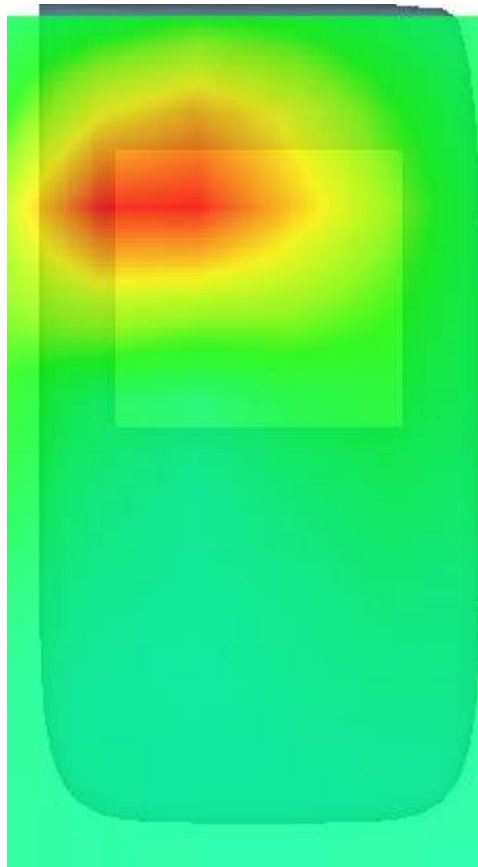
Maximum location: X=-14.00, Y=35.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.128306
SAR1g (W/Kg)	0.291857

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3869	0.2081	0.0900	0.0482	0.0324	0.0262	0.0243



3D screen shot	Hot spot position
	

MEASUREMENT 27

20M-1RB

Type: Phone measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

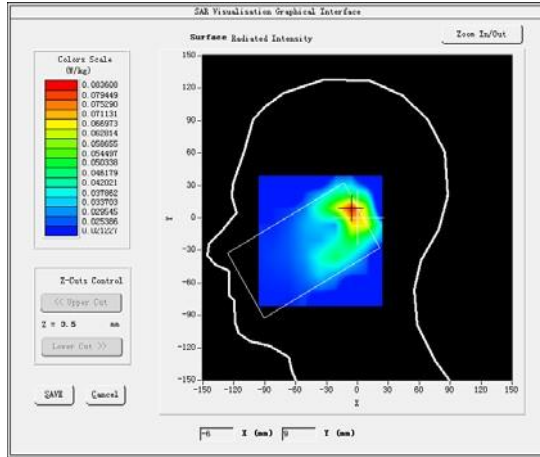
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

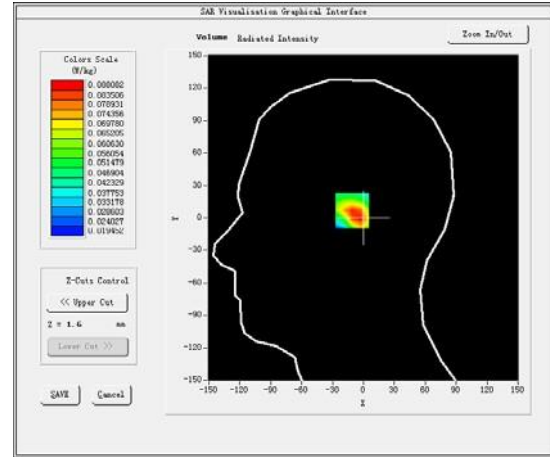
Middle Band SAR (Channel 132322):

Frequency (MHz)	1745.000000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-0.500000

SURFACE SAR



VOLUME SAR

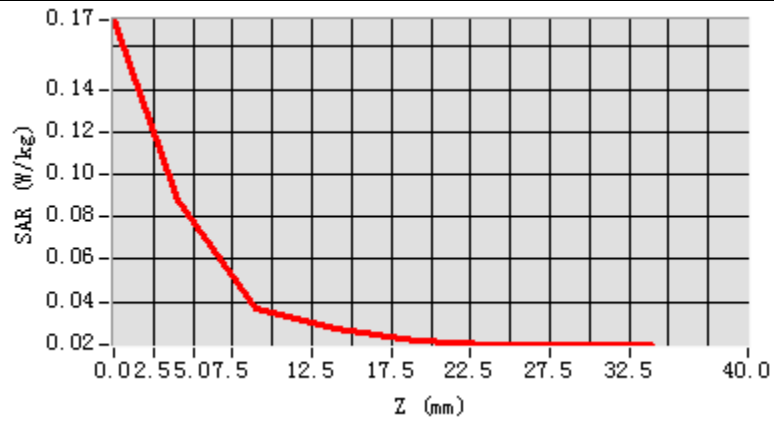


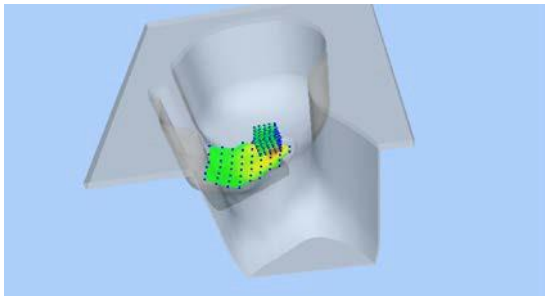
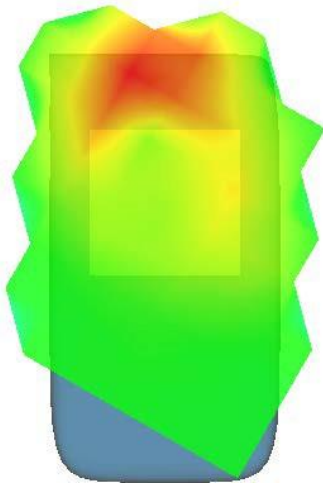
Maximum location: X=-6.00, Y=7.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.069334
SAR1g (W/Kg)	0.110429

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1727	0.0881	0.0367	0.0272	0.0220	0.0202	0.0199



3D screen shot	Hot spot position
	

MEASUREMENT 28

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 7 minutes 31 seconds

A. Experimental conditions.

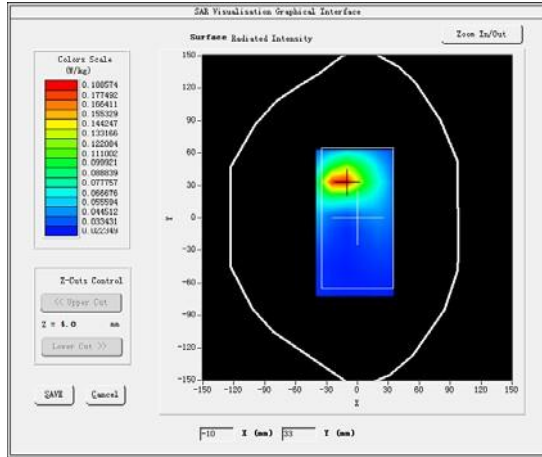
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

B. SAR Measurement Results

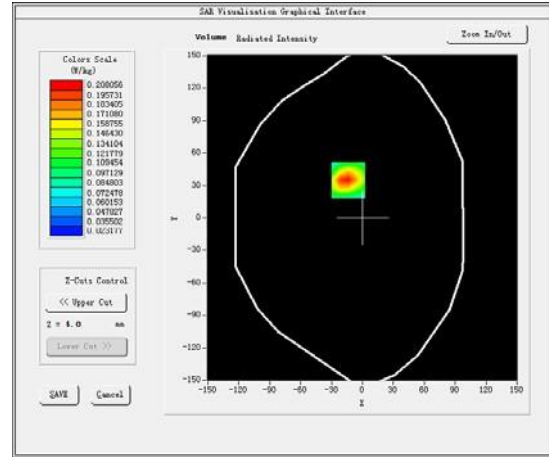
Middle Band SAR (Channel 132322):

Frequency (MHz)	1745.000000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-1.250000

SURFACE SAR



VOLUME SAR

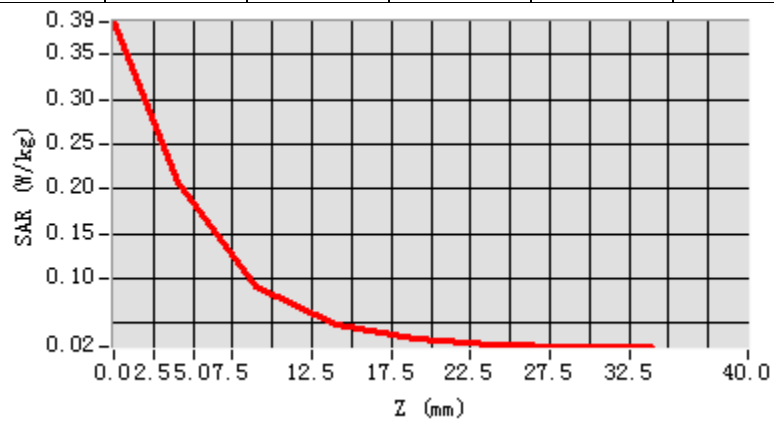


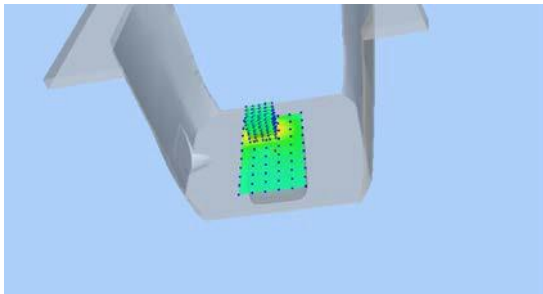
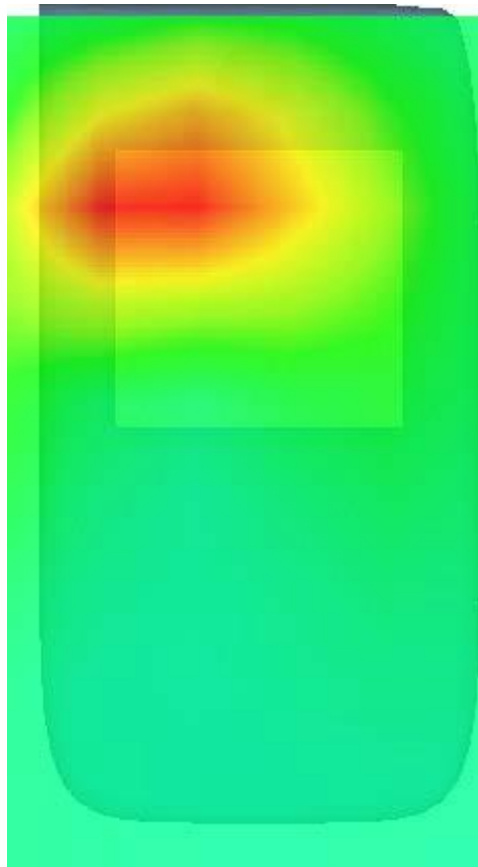
Maximum location: X=-14.00, Y=35.00

SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)	0.318096
SAR1g (W/Kg)	0.568079

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3869	0.2081	0.0900	0.0482	0.0324	0.0262	0.0243



3D screen shot	Hot spot position
	

MEASUREMENT 29

Type: Phone measurement (Complete)

Date of measurement: 25/11/2024

Measurement duration: 12 minutes 50 seconds

A. Experimental conditions.

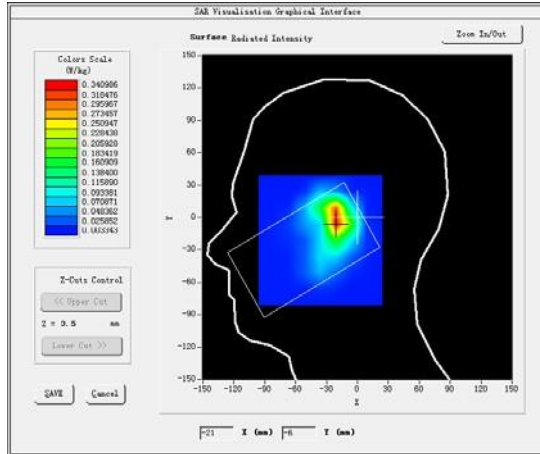
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>Zoom Scan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>

B. SAR Measurement Results

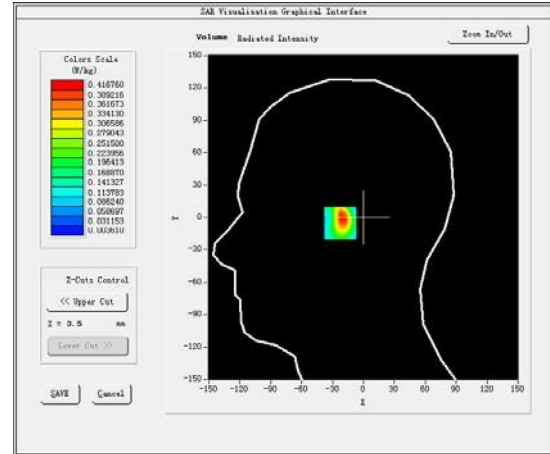
Middle Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	40.269142
Relative permittivity (imaginary part)	14.039240
Conductivity (S/m)	1.82349
Variation (%)	-0.500000

SURFACE SAR



VOLUME SAR

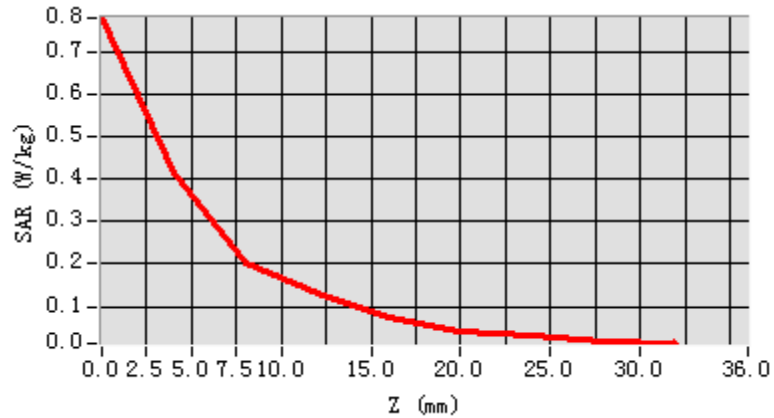


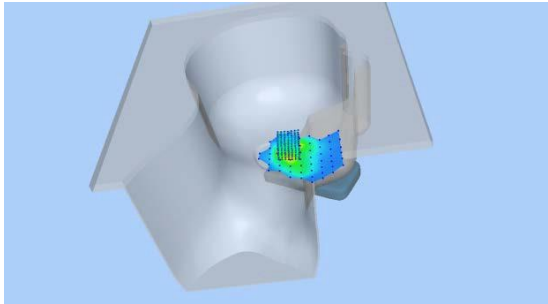
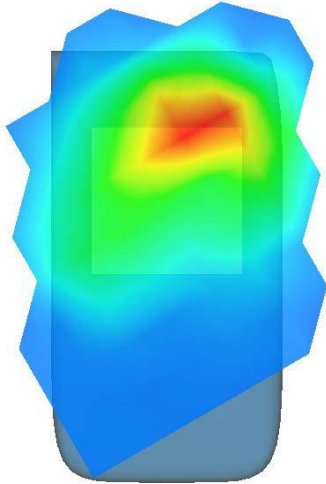
Maximum location: X=-19.00, Y=-5.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.095047
SAR1g (W/Kg)	0.268349

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/kg)	0.7814	0.4168	0.2044	0.1290	0.0735	0.0428	0.0290	0.0152



3D screen shot	Hot spot position
	

MEASUREMENT 30

Rear side

Type: Phone measurement (Complete)

Date of measurement: 25/11/2024

Measurement duration: 13 minutes 11 seconds

A. Experimental conditions.

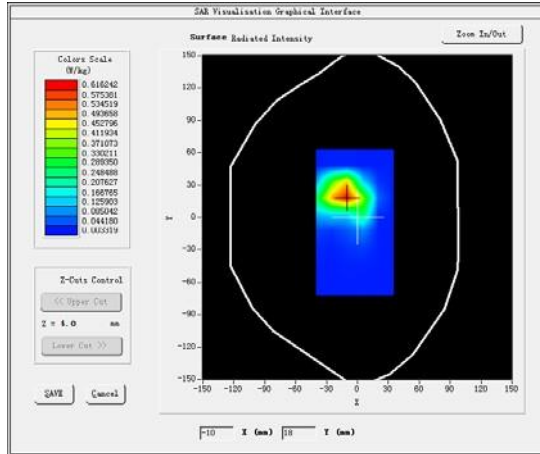
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>

B. SAR Measurement Results

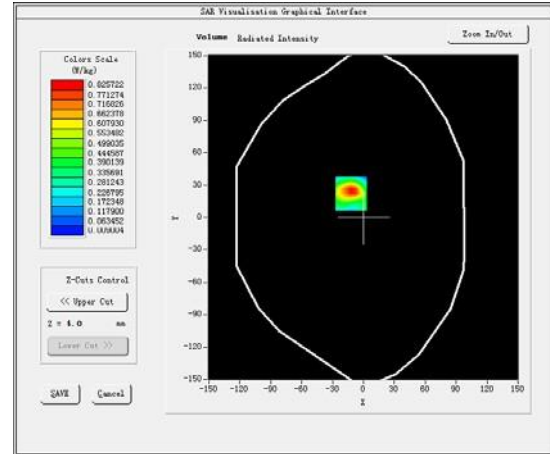
Middle Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	40.269142
Relative permittivity (imaginary part)	14.039240
Conductivity (S/m)	1.82349
Variation (%)	-2.250000

SURFACE SAR



VOLUME SAR

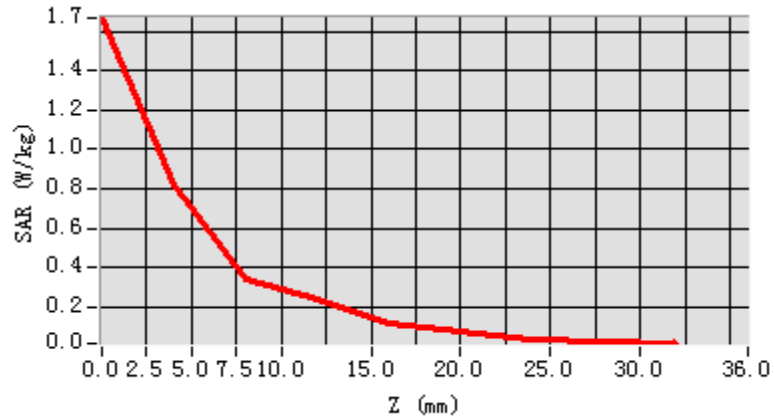


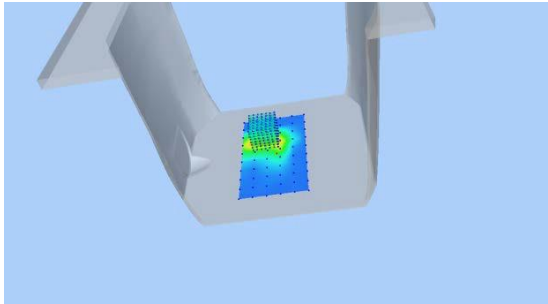
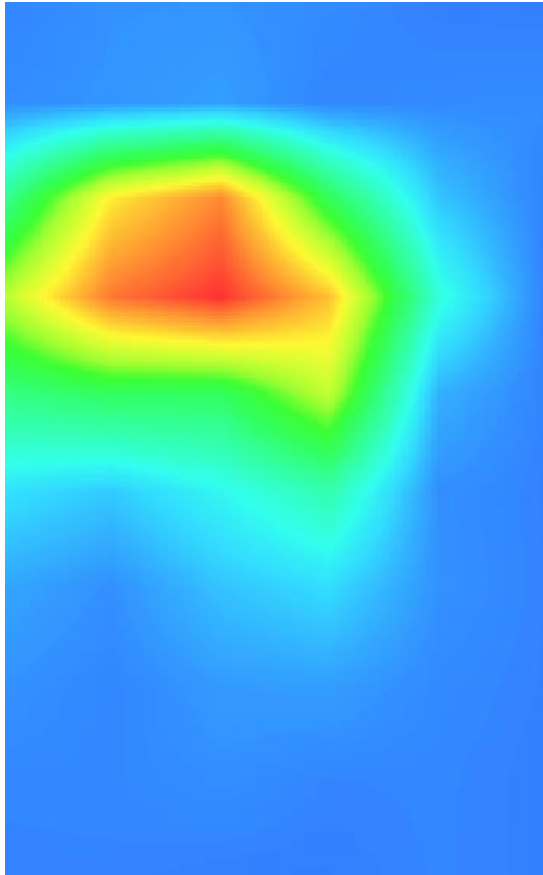
Maximum location: X=-12.00, Y=22.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.006151
SAR1g (W/Kg)	0.013527

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/Kg)	1.668 1	0.825 7	0.341 8	0.242 1	0.112 5	0.076 2	0.039 4	0.025 1



3D screen shot	Hot spot position
	

MEASUREMENT 31

Front-side

Type: Phone measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 12 minutes 11 seconds

A. Experimental conditions.

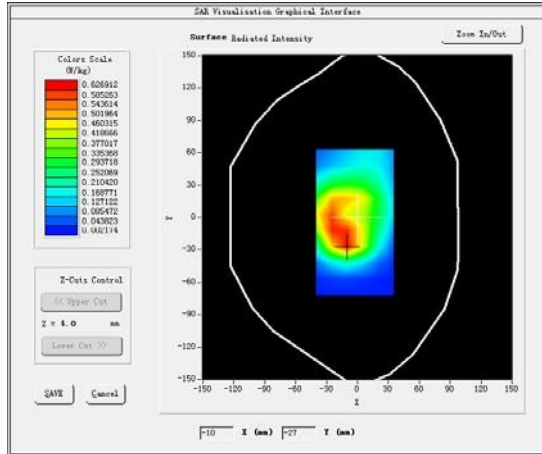
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 0.50 (Crest factor: 0.5)</u>

B. SAR Measurement Results

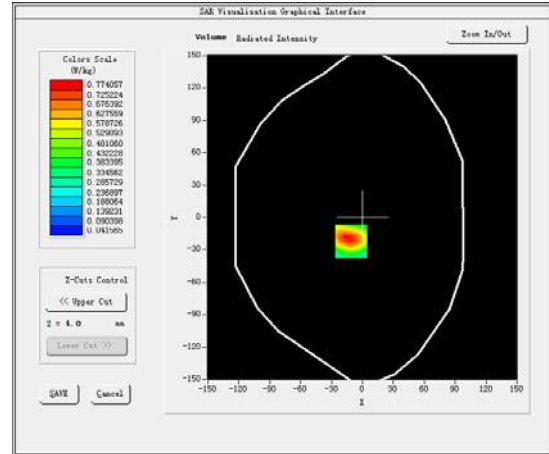
Middle Band SAR (Channel 190):

Frequency (MHz)	836.600000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-0.790000

SURFACE SAR



VOLUME SAR

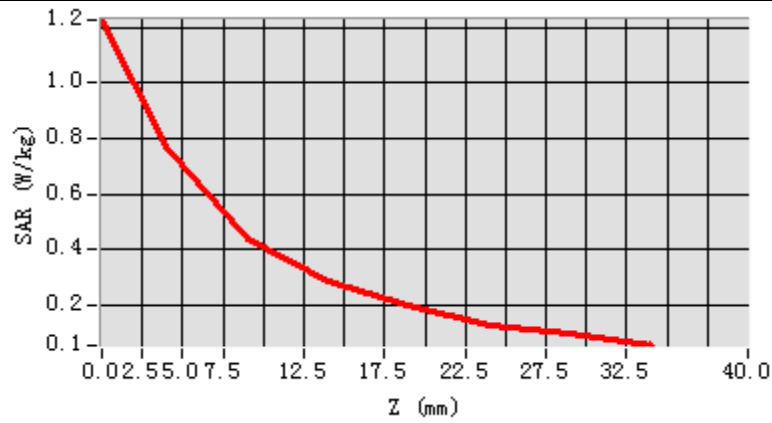


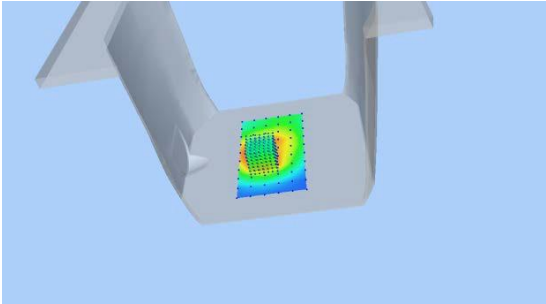
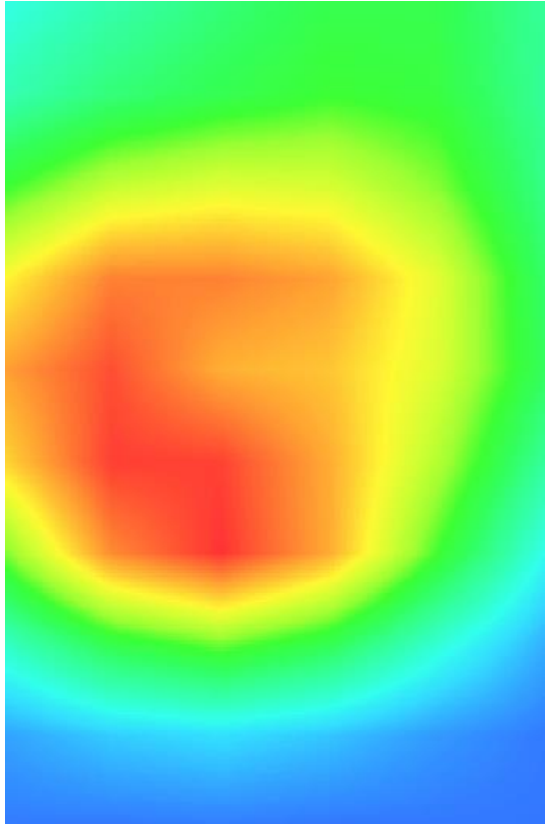
Maximum location: X=-11.00, Y=-22.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.219245
SAR1g (W/Kg)	0.358069

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2273	0.7741	0.4402	0.2905	0.2024	0.1249	0.0960



3D screen shot	Hot spot position
	

MEASUREMENT 32

Rear-side

Type: Phone measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 14 minutes 31 seconds

A. Experimental conditions.

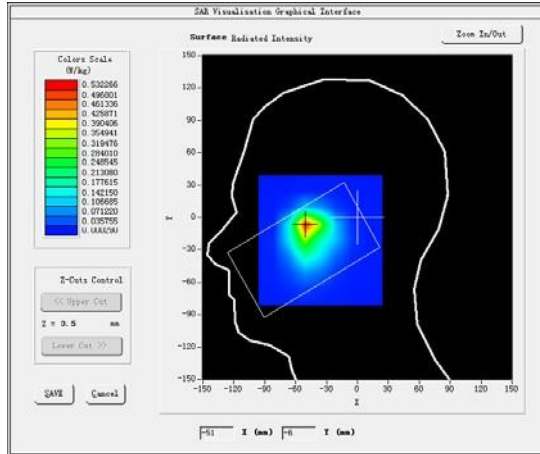
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.0 (Crest factor: 2.0)</u>

B. SAR Measurement Results

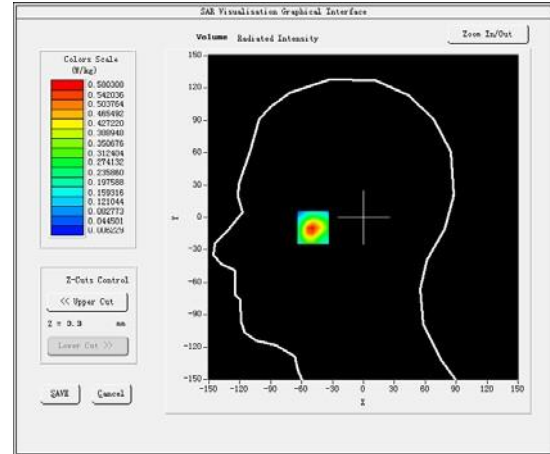
High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-1.030000

SURFACE SAR



VOLUME SAR

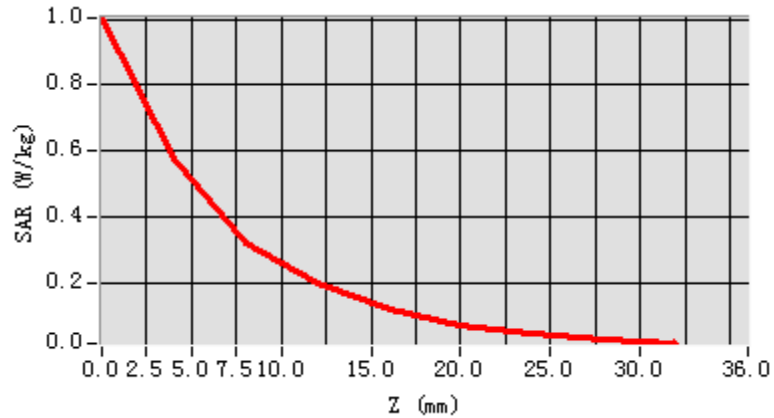


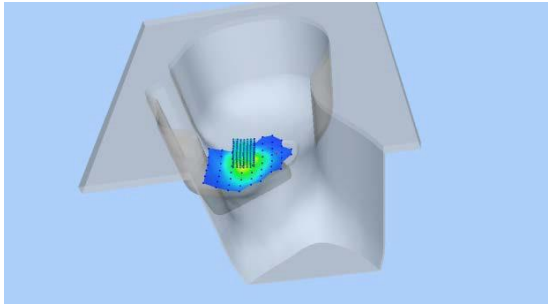
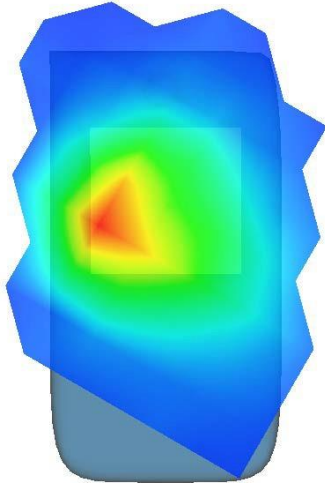
Maximum location: X=-49.00, Y=-8.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.289117
SAR1g (W/Kg)	0.506293

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/Kg)	1.003 4	0.580 3	0.321 3	0.200 2	0.120 3	0.074 7	0.050 5	0.029 9



3D screen shot	Hot spot position
	

MEASUREMENT 33

Type: Phone measurement (Complete)

Date of measurement: 12/12/2024

Measurement duration: 8minutes 25seconds

A. Experimental conditions.

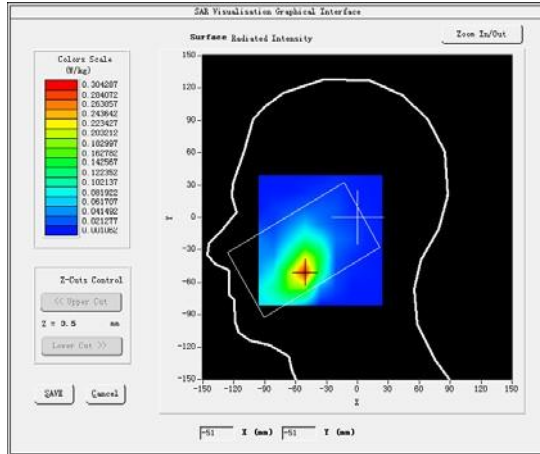
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>7x7x12, dx=4mm</u> <u>dy=4mm dz=2mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-1</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty cycle: 1:1</u>

B. SAR Measurement Results

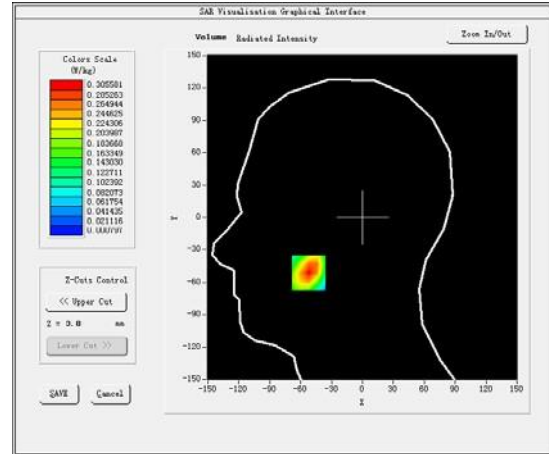
High Band SAR (Channel 50):

Frequency (MHz)	5250.000000
Relative permittivity (real part)	35.622599
Relative permittivity (imaginary part)	18.202492
Conductivity (S/m)	4.524169
Variation (%)	-4.750000

SURFACE SAR



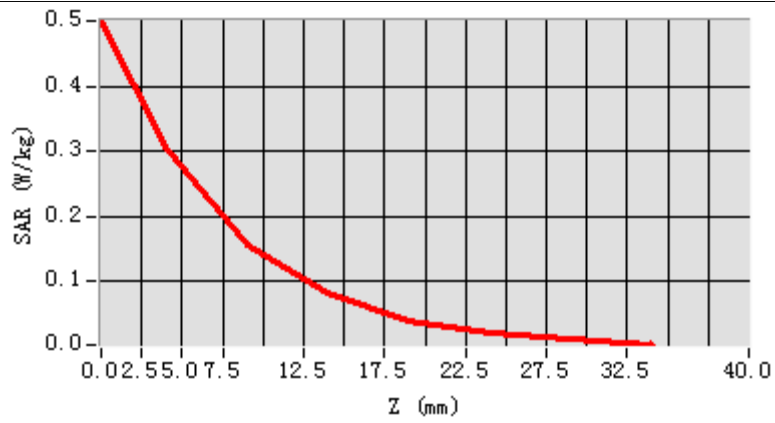
VOLUME SAR



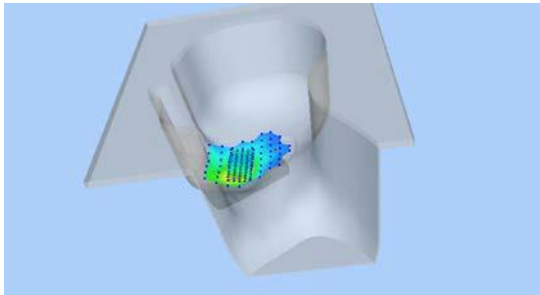
Maximum location: X=-52.00, Y=-51.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.022756
SAR1g (W/Kg)	0.116397



3D screen shot



Hot spot position

