

### 12.2.12 Head Simultaneous Transmission SAR Evaluation for LTE Inter CA and WLAN and BT

Band	Antenna	4G				NR	4G				Position	Stand Alone SAR																SUM SAR				
		LTE		CA			LTE		CA			LTE		LTE CA		2.4GHz		5GHz		Bluetooth		Bluetooth		1+3	1+5	1+7	2+4+6	2+6+8				
		Band1	Band2	Max	Power		Band1	Band2	Max	Power		Band1	Band2	Max	Power	Band1	Band2	Max	Power	Band1	Band2	Max	Power						Band1	Band2	Max	Power
		SAR	Power	Max	Power		SAR	Power	Max	Power		SAR	Power	Max	Power	SAR	Power	Max	Power	SAR	Power	Max	Power	SAR	Power	Max	Power					
DC_24A4L	Ant.0	0.088	34.80	23.10	23.10	Ant.1	0.864	21.30	21.50	21.50	Left	0.056	0.056	0.067	0.067	0.133	0.133	0.401	0.150	0.520	0.520	0.383	0.383	0.524	0.643	0.406	0.595	0.626				
		0.090	34.80	23.10	23.10		0.015	21.30	21.50	21.50		Left Tilt	0.008	0.008	0.016	0.016	0.024	0.024	0.377	0.148	0.378	0.378	0.236	0.236	0.401	0.402	0.380	0.438	0.628			
		0.107	34.80	23.10	23.10		0.862	21.30	21.50	21.50		Right	0.087	0.087	0.086	0.086	0.173	0.173	0.183	0.103	0.267	0.267	0.181	0.181	0.356	0.440	0.354	0.457	0.621			
		0.098	34.80	23.10	23.10		0.028	21.30	21.50	21.50		Right Tilt	0.007	0.007	0.029	0.029	0.026	0.026	0.214	0.101	0.266	0.266	0.154	0.154	0.250	0.302	0.190	0.291	0.456			
DC_24A4R	Ant.4	0.260	17.70	16.90	15.10	Ant.1	0.864	21.30	21.50	21.50	Left	0.216	0.143	0.067	0.067	0.263	0.210	0.401	0.150	0.520	0.520	0.383	0.383	0.684	0.803	0.586	0.640	1.013				
		0.194	17.70	16.90	15.10		0.015	21.30	21.50	21.50		Left Tilt	0.161	0.107	0.016	0.016	0.177	0.122	0.377	0.148	0.378	0.378	0.236	0.236	0.554	0.555	0.413	0.507	0.736			
		0.402	17.70	16.90	15.10		0.862	21.30	21.50	21.50		Right	0.409	0.270	0.086	0.086	0.465	0.356	0.183	0.103	0.267	0.267	0.181	0.181	0.678	0.782	0.676	0.640	0.804			
		0.321	17.70	16.90	15.10		0.028	21.30	21.50	21.50		Right Tilt	0.267	0.176	0.029	0.029	0.266	0.206	0.214	0.101	0.266	0.266	0.154	0.154	0.510	0.582	0.480	0.401	0.636			
DC_24A4L	Ant.0	0.088	34.80	23.10	23.10	Ant.5	0.572	22.30	17.60	17.20	Left	0.056	0.056	0.184	0.177	0.260	0.233	0.401	0.150	0.520	0.520	0.383	0.383	0.601	0.770	0.533	0.686	1.036				
		0.010	34.80	23.10	23.10		0.127	22.30	17.60	17.20		Left Tilt	0.008	0.008	0.043	0.039	0.051	0.047	0.377	0.148	0.378	0.378	0.236	0.236	0.408	0.409	0.387	0.432	0.661			
		0.107	34.80	23.10	23.10		0.424	22.30	17.60	17.20		Right	0.087	0.087	0.144	0.131	0.221	0.218	0.183	0.103	0.267	0.267	0.181	0.181	0.414	0.466	0.412	0.532	0.666			
		0.098	34.80	23.10	23.10		0.080	22.30	17.60	17.20		Right Tilt	0.007	0.007	0.020	0.028	0.027	0.024	0.214	0.101	0.266	0.266	0.154	0.154	0.251	0.303	0.191	0.289	0.454			
DC_24A4R	Ant.4	0.260	17.70	16.90	15.10	Ant.5	0.572	22.30	17.60	17.20	Left	0.216	0.143	0.184	0.177	0.410	0.330	0.401	0.150	0.520	0.520	0.383	0.383	0.811	0.800	0.680	0.753	1.123				
		0.194	17.70	16.90	15.10		0.127	22.30	17.60	17.20		Left Tilt	0.161	0.107	0.043	0.039	0.204	0.146	0.377	0.148	0.378	0.378	0.236	0.236	0.581	0.582	0.440	0.531	0.760			
		0.402	17.70	16.90	15.10		0.424	22.30	17.60	17.20		Right	0.409	0.270	0.144	0.131	0.353	0.401	0.183	0.103	0.267	0.267	0.181	0.181	0.736	0.800	0.734	0.685	0.846			
		0.321	17.70	16.90	15.10		0.080	22.30	17.60	17.20		Right Tilt	0.267	0.176	0.020	0.028	0.267	0.204	0.214	0.101	0.266	0.266	0.154	0.154	0.511	0.583	0.401	0.459	0.624			
DC_24A7A	Ant.0	0.088	34.80	23.10	23.10	Ant.4	0.864	19.00	15.80	15.40	Left	0.056	0.056	0.222	0.203	0.278	0.259	0.401	0.150	0.520	0.520	0.383	0.383	0.679	0.756	0.561	0.682	1.062				
		0.010	34.80	23.10	23.10		0.468	19.00	15.80	15.40		Left Tilt	0.008	0.008	0.228	0.217	0.246	0.226	0.377	0.148	0.378	0.378	0.236	0.236	0.623	0.624	0.482	0.611	0.840			
		0.107	34.80	23.10	23.10		0.865	19.00	15.80	15.40		Right	0.087	0.087	0.471	0.430	0.558	0.517	0.183	0.103	0.267	0.267	0.181	0.181	0.741	0.825	0.739	0.801	0.965			
		0.098	34.80	23.10	23.10		0.080	19.00	15.80	15.40		Right Tilt	0.007	0.007	0.425	0.388	0.432	0.384	0.214	0.101	0.266	0.266	0.154	0.154	0.646	0.688	0.586	0.649	0.814			
DC_24A7A	Ant.1	0.124	21.00	21.10	21.10	Ant.4	0.864	19.00	15.80	15.40	Left	0.127	0.127	0.222	0.203	0.348	0.330	0.401	0.150	0.520	0.520	0.383	0.383	0.750	0.889	0.632	0.782	1.132				
		0.056	21.00	21.10	21.10		0.468	19.00	15.80	15.40		Left Tilt	0.057	0.057	0.228	0.217	0.246	0.275	0.377	0.148	0.378	0.378	0.236	0.236	0.673	0.674	0.532	0.680	0.889			
		0.168	21.00	21.10	21.10		0.865	19.00	15.80	15.40		Right	0.170	0.170	0.471	0.430	0.641	0.600	0.183	0.103	0.267	0.267	0.181	0.181	0.824	0.908	0.822	0.884	1.048			

DC_2A+7A	Ant.0	0.124	21.00	21.10	21.10	Ant.5	0.888	19.00	15.80	15.40	Right Tis	0.127	0.127	0.425	0.388	0.522	0.515	0.214	0.101	0.266	0.266	0.154	0.154	0.766	0.818	0.706	0.770	0.835
		0.089	24.00	23.10	23.10		0.591	22.10	16.30	17.90	Left	0.056	0.056	0.246	0.225	0.302	0.281	0.401	0.150	0.520	0.520	0.283	0.283	0.703	0.822	0.595	0.714	1.084
		0.010	24.00	23.10	23.10		0.166	22.10	16.30	17.90	Left Tis	0.008	0.008	0.069	0.063	0.077	0.071	0.377	0.149	0.378	0.378	0.236	0.236	0.464	0.465	0.313	0.406	0.685
		0.107	24.00	23.10	23.10		0.683	22.10	16.30	17.90	Right	0.087	0.087	0.285	0.265	0.372	0.347	0.183	0.103	0.267	0.267	0.181	0.181	0.555	0.639	0.503	0.631	0.785
		0.008	24.00	23.10	23.10		0.114	22.10	16.30	17.90	Right Tis	0.007	0.007	0.048	0.043	0.054	0.050	0.214	0.101	0.266	0.266	0.154	0.154	0.268	0.300	0.208	0.305	0.470
DC_2A+7A	Ant.1	0.124	21.00	21.10	21.10	Ant.5	0.591	22.10	16.30	17.90	Left	0.127	0.127	0.246	0.225	0.373	0.352	0.401	0.150	0.520	0.520	0.283	0.283	0.774	0.883	0.606	0.785	1.155
		0.056	21.00	21.10	21.10		0.166	22.10	16.30	17.90	Left Tis	0.007	0.007	0.069	0.063	0.127	0.120	0.377	0.149	0.378	0.378	0.236	0.236	0.504	0.505	0.303	0.505	0.734
		0.166	21.00	21.10	21.10		0.683	22.10	16.30	17.90	Right	0.170	0.170	0.285	0.265	0.455	0.430	0.183	0.103	0.267	0.267	0.181	0.181	0.638	0.722	0.636	0.714	0.876
		0.107	21.00	21.10	21.10		0.114	22.10	16.30	17.90	Right Tis	0.127	0.127	0.048	0.043	0.174	0.170	0.214	0.101	0.266	0.266	0.154	0.154	0.388	0.440	0.328	0.425	0.590
		0.008	21.00	21.10	21.10		0.020	21.40	20.40	20.40	Left	0.056	0.056	0.025	0.025	0.082	0.082	0.401	0.150	0.520	0.520	0.283	0.283	0.483	0.602	0.395	0.515	0.885
DC_2A+6A	Ant.0	0.010	24.00	23.10	23.10	Ant.1	0.000	21.40	20.40	20.40	Left Tis	0.008	0.008	0.000	0.000	0.008	0.008	0.377	0.149	0.378	0.378	0.236	0.236	0.385	0.386	0.244	0.333	0.622
		0.107	24.00	23.10	23.10		0.070	21.40	20.40	20.40	Right	0.087	0.087	0.056	0.056	0.143	0.143	0.183	0.103	0.267	0.267	0.181	0.181	0.305	0.410	0.324	0.427	0.591
		0.008	24.00	23.10	23.10		0.000	21.40	20.40	20.40	Right Tis	0.007	0.007	0.000	0.000	0.007	0.007	0.214	0.101	0.266	0.266	0.154	0.154	0.221	0.273	0.181	0.380	0.437
		0.280	17.30	16.90	15.10		0.020	21.40	20.40	20.40	Left	0.216	0.143	0.025	0.025	0.242	0.188	0.401	0.150	0.520	0.520	0.283	0.283	0.643	0.780	0.525	0.601	0.871
		0.194	17.30	16.90	15.10		0.000	21.40	20.40	20.40	Left Tis	0.161	0.107	0.000	0.000	0.161	0.107	0.377	0.149	0.378	0.378	0.236	0.236	0.538	0.539	0.307	0.483	0.721
DC_2A+6A	Ant.4	0.482	17.30	16.90	15.10	Ant.1	0.070	21.40	20.40	20.40	Right	0.409	0.270	0.056	0.056	0.465	0.335	0.183	0.103	0.267	0.267	0.181	0.181	0.648	0.732	0.646	0.610	0.774
		0.321	17.30	16.90	15.10		0.000	21.40	20.40	20.40	Right Tis	0.307	0.176	0.000	0.000	0.267	0.176	0.214	0.101	0.266	0.266	0.154	0.154	0.481	0.533	0.421	0.431	0.586
		0.008	24.00	23.10	23.10		0.517	22.30	17.80	17.30	Left	0.056	0.056	0.183	0.183	0.240	0.200	0.401	0.150	0.520	0.520	0.283	0.283	0.641	0.780	0.520	0.603	1.023
		0.010	24.00	23.10	23.10		0.102	22.30	17.80	17.30	Left Tis	0.008	0.008	0.024	0.048	0.062	0.056	0.377	0.149	0.378	0.378	0.236	0.236	0.439	0.440	0.298	0.441	0.670
		0.107	24.00	23.10	23.10		0.448	22.30	17.80	17.30	Right	0.087	0.087	0.159	0.142	0.246	0.229	0.183	0.103	0.267	0.267	0.181	0.181	0.429	0.513	0.427	0.513	0.677
DC_2A+6A	Ant.4	0.008	24.00	23.10	23.10	Ant.5	0.066	22.30	17.80	17.30	Right Tis	0.007	0.007	0.024	0.030	0.041	0.037	0.214	0.101	0.266	0.266	0.154	0.154	0.255	0.307	0.196	0.282	0.437
		0.280	17.30	16.90	15.10		0.517	22.30	17.80	17.30	Left	0.216	0.143	0.183	0.183	0.400	0.306	0.401	0.150	0.520	0.520	0.283	0.283	0.641	0.680	0.680	0.739	1.109
		0.194	17.30	16.90	15.10		0.102	22.30	17.80	17.30	Left Tis	0.161	0.107	0.024	0.048	0.215	0.155	0.377	0.149	0.378	0.378	0.236	0.236	0.582	0.593	0.461	0.540	0.789
		0.482	17.30	16.90	15.10		0.448	22.30	17.80	17.30	Right	0.409	0.270	0.159	0.142	0.246	0.412	0.183	0.103	0.267	0.267	0.181	0.181	0.751	0.805	0.746	0.696	0.880
		0.321	17.30	16.90	15.10		0.066	22.30	17.80	17.30	Right Tis	0.307	0.176	0.024	0.030	0.301	0.207	0.214	0.101	0.266	0.266	0.154	0.154	0.515	0.567	0.485	0.482	0.627
DC_2A+6A	Ant.4	0.310	16.40	16.20	15.80	Ant.0	0.162	25.00	23.80	23.80	Left	0.148	0.155	0.123	0.123	0.271	0.258	0.401	0.150	0.520	0.520	0.283	0.283	0.672	0.791	0.554	0.691	1.061
		0.240	16.40	16.20	15.80		0.102	25.00	23.80	23.80	Left Tis	0.116	0.106	0.077	0.077	0.194	0.183	0.377	0.149	0.378	0.378	0.236	0.236	0.571	0.572	0.430	0.558	0.797
		0.576	16.40	16.20	15.80		0.150	25.00	23.80	23.80	Right	0.276	0.261	0.114	0.114	0.389	0.365	0.183	0.103	0.267	0.267	0.181	0.181	0.572	0.656	0.570	0.646	0.813
		0.432	16.40	16.20	15.80		0.074	25.00	23.80	23.80	Right Tis	0.207	0.189	0.056	0.056	0.263	0.245	0.214	0.101	0.266	0.266	0.154	0.154	0.477	0.529	0.417	0.530	0.665

DC_AH-SA	Arl.5	0.572	22.30	17.60	17.20	Arl.0	0.162	25.00	23.80	23.80	Left	0.194	0.177	0.123	0.123	0.317	0.300	0.401	0.150	0.520	0.520	0.283	0.283	0.718	0.807	0.600	0.733	1.103
		0.127	22.30	17.60	17.20		0.102	25.00	23.80	23.80	Left Tls	0.043	0.039	0.077	0.077	0.120	0.117	0.377	0.149	0.378	0.378	0.236	0.236	0.497	0.466	0.326	0.532	0.731
		0.424	22.30	17.60	17.20		0.150	25.00	23.80	23.80	Right	0.144	0.131	0.114	0.114	0.257	0.245	0.183	0.103	0.267	0.267	0.181	0.181	0.440	0.524	0.428	0.529	0.683
		0.080	22.30	17.60	17.20		0.074	25.00	23.80	23.80	Right Tls	0.030	0.028	0.056	0.056	0.087	0.084	0.214	0.101	0.266	0.266	0.154	0.154	0.301	0.353	0.241	0.339	0.504
DC_AH-SA	Arl.4	0.310	19.40	16.20	15.80	Arl.1	0.277	23.90	19.90	19.50	Left	0.148	0.135	0.110	0.101	0.259	0.226	0.401	0.150	0.520	0.520	0.283	0.283	0.860	0.779	0.542	0.669	1.036
		0.240	19.40	16.20	15.80		0.108	23.90	19.90	19.50	Left Tls	0.116	0.106	0.043	0.039	0.159	0.145	0.377	0.149	0.378	0.378	0.236	0.236	0.536	0.537	0.395	0.530	0.759
		0.576	19.40	16.20	15.80		0.474	23.90	19.90	19.50	Right	0.276	0.251	0.189	0.172	0.464	0.424	0.183	0.103	0.267	0.267	0.181	0.181	0.647	0.731	0.645	0.708	0.872
		0.432	19.40	16.20	15.80		0.153	23.90	19.90	19.50	Right Tls	0.037	0.039	0.061	0.056	0.268	0.244	0.214	0.101	0.266	0.266	0.154	0.154	0.482	0.524	0.422	0.499	0.664
DC_AH-SA	Arl.5	0.572	22.30	17.60	17.20	Arl.1	0.277	23.90	19.90	19.50	Left	0.194	0.177	0.110	0.101	0.304	0.277	0.401	0.150	0.520	0.520	0.283	0.283	0.705	0.804	0.587	0.710	1.080
		0.127	22.30	17.60	17.20		0.108	23.90	19.90	19.50	Left Tls	0.043	0.039	0.043	0.039	0.086	0.079	0.377	0.149	0.378	0.378	0.236	0.236	0.483	0.464	0.332	0.483	0.682
		0.424	22.30	17.60	17.20		0.474	23.90	19.90	19.50	Right	0.144	0.131	0.189	0.172	0.332	0.303	0.183	0.103	0.267	0.267	0.181	0.181	0.515	0.589	0.513	0.587	0.751
		0.080	22.30	17.60	17.20		0.153	23.90	19.90	19.50	Right Tls	0.030	0.028	0.061	0.056	0.091	0.083	0.214	0.101	0.266	0.266	0.154	0.154	0.305	0.357	0.245	0.338	0.503
DC_AH-SA	Arl.1	0.064	21.30	21.50	21.50	Arl.0	0.227	24.00	22.50	22.50	Left	0.067	0.067	0.161	0.161	0.228	0.228	0.401	0.150	0.520	0.520	0.283	0.283	0.629	0.748	0.511	0.661	1.031
		0.015	21.30	21.50	21.50		0.023	24.00	22.50	22.50	Left Tls	0.016	0.016	0.045	0.045	0.080	0.080	0.377	0.149	0.378	0.378	0.236	0.236	0.427	0.428	0.296	0.445	0.674
		0.080	21.30	21.50	21.50		0.128	24.00	22.50	22.50	Right	0.086	0.086	0.091	0.091	0.176	0.176	0.183	0.103	0.267	0.267	0.181	0.181	0.393	0.443	0.337	0.480	0.624
		0.028	21.30	21.50	21.50		0.086	24.00	22.50	22.50	Right Tls	0.035	0.039	0.068	0.068	0.087	0.087	0.214	0.101	0.266	0.266	0.154	0.154	0.311	0.363	0.251	0.332	0.517
DC_AH-SA	Arl.5	0.572	22.30	17.60	17.20	Arl.0	0.227	24.00	22.50	22.50	Left	0.194	0.177	0.161	0.161	0.355	0.337	0.401	0.150	0.520	0.520	0.283	0.283	0.756	0.875	0.638	0.770	1.140
		0.127	22.30	17.60	17.20		0.063	24.00	22.50	22.50	Left Tls	0.043	0.039	0.045	0.045	0.088	0.084	0.377	0.149	0.378	0.378	0.236	0.236	0.465	0.465	0.324	0.489	0.688
		0.424	22.30	17.60	17.20		0.128	24.00	22.50	22.50	Right	0.144	0.131	0.091	0.091	0.234	0.222	0.183	0.103	0.267	0.267	0.181	0.181	0.417	0.501	0.415	0.536	0.670
		0.080	22.30	17.60	17.20		0.086	24.00	22.50	22.50	Right Tls	0.030	0.028	0.068	0.068	0.088	0.086	0.214	0.101	0.266	0.266	0.154	0.154	0.312	0.364	0.232	0.331	0.516
DC_AH-SA	Arl.1	0.064	21.30	21.50	21.50	Arl.4	0.464	19.00	15.00	14.80	Left	0.067	0.067	0.185	0.188	0.252	0.225	0.401	0.150	0.520	0.520	0.283	0.283	0.823	0.772	0.525	0.688	1.038
		0.015	21.30	21.50	21.50		0.498	19.00	15.00	14.80	Left Tls	0.016	0.016	0.158	0.181	0.214	0.197	0.377	0.149	0.378	0.378	0.236	0.236	0.591	0.592	0.480	0.552	0.811
		0.080	21.30	21.50	21.50		0.086	19.00	15.00	14.80	Right	0.086	0.086	0.362	0.358	0.478	0.443	0.183	0.103	0.267	0.267	0.181	0.181	0.881	0.745	0.609	0.727	0.891
		0.028	21.30	21.50	21.50		0.888	19.00	15.00	14.80	Right Tls	0.035	0.039	0.264	0.332	0.363	0.332	0.214	0.101	0.266	0.266	0.154	0.154	0.597	0.648	0.537	0.607	0.772
DC_AH-SA	Arl.5	0.572	22.30	17.60	17.20	Arl.4	0.464	19.00	15.00	14.80	Left	0.194	0.177	0.185	0.188	0.379	0.345	0.401	0.150	0.520	0.520	0.283	0.283	0.780	0.889	0.682	0.778	1.148
		0.127	22.30	17.60	17.20		0.488	19.00	15.00	14.80	Left Tls	0.043	0.039	0.198	0.181	0.241	0.220	0.377	0.149	0.378	0.378	0.236	0.236	0.818	0.819	0.477	0.685	0.834
		0.424	22.30	17.60	17.20		0.285	19.00	15.00	14.80	Right	0.144	0.131	0.362	0.358	0.526	0.489	0.183	0.103	0.267	0.267	0.181	0.181	0.719	0.883	0.717	0.773	0.937
		0.080	22.30	17.60	17.20		0.888	19.00	15.00	14.80	Right Tls	0.030	0.028	0.264	0.332	0.364	0.330	0.214	0.101	0.266	0.266	0.154	0.154	0.588	0.680	0.538	0.685	0.770

DC_6A+3A	Ant.4	0.310	19.40	16.20	15.80	Ant.0	0.166	25.00	23.50	23.50	Left	0.148	0.135	0.118	0.118	0.266	0.253	0.401	0.150	0.520	0.520	0.283	0.283	0.887	0.786	0.549	0.886	1.056
		0.240	19.40	16.20	15.80		0.115	25.00	23.50	23.50	Left Tls	0.116	0.106	0.081	0.081	0.168	0.167	0.377	0.149	0.378	0.378	0.236	0.236	0.575	0.576	0.434	0.572	0.801
		0.576	19.40	16.20	15.80		0.180	25.00	23.50	23.50	Right	0.276	0.251	0.127	0.127	0.403	0.379	0.183	0.103	0.267	0.267	0.181	0.181	0.586	0.670	0.594	0.683	0.827
		0.432	19.40	16.20	15.80		0.108	25.00	23.50	23.50	Right Tls	0.207	0.189	0.076	0.076	0.283	0.265	0.214	0.101	0.266	0.266	0.154	0.154	0.467	0.549	0.437	0.530	0.685
DC_6A+3A	Ant.5	0.572	23.30	17.60	17.20	Ant.0	0.166	25.00	23.50	23.50	Left	0.194	0.177	0.118	0.118	0.311	0.294	0.401	0.150	0.520	0.520	0.283	0.283	0.712	0.801	0.594	0.727	1.087
		0.127	23.30	17.60	17.20		0.115	25.00	23.50	23.50	Left Tls	0.043	0.039	0.081	0.081	0.124	0.121	0.377	0.149	0.378	0.378	0.236	0.236	0.501	0.502	0.360	0.506	0.726
		0.624	23.30	17.60	17.20		0.180	25.00	23.50	23.50	Right	0.144	0.131	0.127	0.127	0.271	0.258	0.183	0.103	0.267	0.267	0.181	0.181	0.454	0.528	0.432	0.542	0.706
		0.080	23.30	17.60	17.20		0.108	25.00	23.50	23.50	Right Tls	0.030	0.028	0.076	0.076	0.107	0.104	0.214	0.101	0.266	0.266	0.154	0.154	0.321	0.373	0.201	0.339	0.524
DC_6A+3A	Ant.4	0.310	19.40	16.20	15.80	Ant.1	0.377	24.80	22.50	21.50	Left	0.148	0.135	0.222	0.176	0.370	0.352	0.401	0.150	0.520	0.520	0.283	0.283	0.771	0.880	0.603	0.745	1.115
		0.240	19.40	16.20	15.80		0.163	24.80	22.50	21.50	Left Tls	0.116	0.106	0.086	0.076	0.212	0.182	0.377	0.149	0.378	0.378	0.236	0.236	0.589	0.590	0.448	0.557	0.796
		0.576	19.40	16.20	15.80		0.658	24.80	22.50	21.50	Right	0.276	0.251	0.387	0.308	0.683	0.559	0.183	0.103	0.267	0.267	0.181	0.181	0.846	0.830	0.844	0.843	1.027
		0.432	19.40	16.20	15.80		0.229	24.80	22.50	21.50	Right Tls	0.207	0.189	0.135	0.107	0.342	0.286	0.214	0.101	0.266	0.266	0.154	0.154	0.556	0.608	0.496	0.551	0.716
DC_5A+3A	Ant.5	0.572	23.30	17.60	17.20	Ant.1	0.377	24.80	22.50	21.50	Left	0.194	0.177	0.222	0.176	0.416	0.383	0.401	0.150	0.520	0.520	0.283	0.283	0.817	0.886	0.609	0.786	1.196
		0.127	23.30	17.60	17.20		0.163	24.80	22.50	21.50	Left Tls	0.043	0.039	0.086	0.076	0.138	0.115	0.377	0.149	0.378	0.378	0.236	0.236	0.516	0.517	0.375	0.530	0.729
		0.624	23.30	17.60	17.20		0.658	24.80	22.50	21.50	Right	0.144	0.131	0.387	0.308	0.531	0.439	0.183	0.103	0.267	0.267	0.181	0.181	0.714	0.786	0.712	0.723	0.887
		0.080	23.30	17.60	17.20		0.229	24.80	22.50	21.50	Right Tls	0.030	0.028	0.135	0.107	0.165	0.135	0.214	0.101	0.266	0.266	0.154	0.154	0.379	0.431	0.319	0.330	0.555
DC_5A+3A	Ant.0	0.162	25.00	23.80	23.80	Ant.4	0.464	19.00	15.80	15.40	Left	0.123	0.123	0.222	0.203	0.345	0.325	0.401	0.150	0.520	0.520	0.283	0.283	0.746	0.885	0.628	0.758	1.128
		0.102	25.00	23.80	23.80		0.498	19.00	15.80	15.40	Left Tls	0.077	0.077	0.228	0.217	0.316	0.295	0.377	0.149	0.378	0.378	0.236	0.236	0.683	0.684	0.502	0.680	0.939
		0.150	25.00	23.80	23.80		0.885	19.00	15.80	15.40	Right	0.114	0.114	0.471	0.430	0.585	0.544	0.183	0.103	0.267	0.267	0.181	0.181	0.768	0.822	0.706	0.828	0.992
		0.074	25.00	23.80	23.80		0.888	19.00	15.80	15.40	Right Tls	0.056	0.056	0.425	0.388	0.481	0.444	0.214	0.101	0.266	0.266	0.154	0.154	0.685	0.747	0.625	0.689	0.864
DC_5A+3A	Ant.1	0.277	23.30	19.90	19.50	Ant.4	0.464	19.00	15.80	15.40	Left	0.110	0.101	0.222	0.203	0.332	0.303	0.401	0.150	0.520	0.520	0.283	0.283	0.733	0.822	0.615	0.736	1.106
		0.108	23.30	19.90	19.50		0.498	19.00	15.80	15.40	Left Tls	0.043	0.039	0.228	0.217	0.281	0.257	0.377	0.149	0.378	0.378	0.236	0.236	0.683	0.683	0.517	0.642	0.871
		0.474	23.30	19.90	19.50		0.885	19.00	15.80	15.40	Right	0.189	0.172	0.471	0.430	0.680	0.622	0.183	0.103	0.267	0.267	0.181	0.181	0.843	0.827	0.841	0.885	1.050
		0.153	23.30	19.90	19.50		0.888	19.00	15.80	15.40	Right Tls	0.081	0.056	0.425	0.388	0.486	0.443	0.214	0.101	0.266	0.266	0.154	0.154	0.700	0.752	0.640	0.688	0.883
DC_5A+3A	Ant.0	0.162	25.00	23.80	23.80	Ant.5	0.591	22.10	17.80	19.10	Left	0.123	0.123	0.225	0.206	0.348	0.319	0.401	0.150	0.520	0.520	0.283	0.283	0.749	0.888	0.621	0.823	1.222
		0.102	25.00	23.80	23.80		0.166	22.10	17.80	19.10	Left Tls	0.077	0.077	0.283	0.283	0.148	0.161	0.377	0.149	0.378	0.378	0.236	0.236	0.517	0.518	0.376	0.546	0.775
		0.150	25.00	23.80	23.80		0.883	22.10	17.80	19.10	Right	0.114	0.114	0.280	0.242	0.373	0.355	0.183	0.103	0.267	0.267	0.181	0.181	0.555	0.640	0.554	0.740	0.904
		0.074	25.00	23.80	23.80		0.114	22.10	17.80	19.10	Right Tls	0.056	0.056	0.043	0.057	0.098	0.113	0.214	0.101	0.266	0.266	0.154	0.154	0.313	0.385	0.303	0.380	0.533

DC_2A+1A	Arel.1	0.277	23.30	19.30	19.30	Arel.5	0.291	22.10	17.30	19.10	Left	0.110	0.101	0.225	0.226	0.335	0.307	0.401	0.150	0.200	0.200	0.283	0.283	0.736	0.855	0.618	0.830	1.200
		0.108	23.30	19.30	19.30		0.165	22.10	17.30	19.10	Left Tls	0.040	0.039	0.063	0.063	0.106	0.122	0.377	0.149	0.378	0.378	0.236	0.236	0.483	0.484	0.340	0.507	0.736
		0.474	23.30	19.30	19.30		0.883	22.10	17.30	19.10	Right	0.189	0.172	0.260	0.242	0.448	0.514	0.183	0.103	0.267	0.267	0.181	0.181	0.801	0.715	0.629	0.736	0.922
		0.153	23.30	19.30	19.30		0.114	22.10	17.30	19.10	Right Tls	0.061	0.056	0.043	0.057	0.104	0.113	0.214	0.101	0.266	0.266	0.154	0.154	0.318	0.370	0.229	0.368	0.533
DC_2A+5A	Arel.0	0.162	25.30	23.80	23.80	Arel.4	0.342	19.40	15.30	15.30	Left	0.123	0.123	0.153	0.139	0.276	0.262	0.401	0.150	0.200	0.200	0.283	0.283	0.677	0.736	0.559	0.895	1.065
		0.102	25.30	23.80	23.80		0.227	19.40	15.30	15.30	Left Tls	0.077	0.077	0.115	0.105	0.182	0.182	0.377	0.149	0.378	0.378	0.236	0.236	0.369	0.570	0.428	0.567	0.736
		0.150	25.30	23.80	23.80		0.655	19.40	15.30	15.30	Right	0.114	0.114	0.203	0.267	0.427	0.381	0.183	0.103	0.267	0.267	0.181	0.181	0.590	0.674	0.598	0.665	0.829
		0.074	25.30	23.80	23.80		0.426	19.40	15.30	15.30	Right Tls	0.056	0.056	0.180	0.174	0.246	0.230	0.214	0.101	0.266	0.266	0.154	0.154	0.480	0.512	0.400	0.485	0.650
DC_2A+6A	Arel.1	0.277	23.30	19.30	19.30	Arel.4	0.342	19.40	15.30	15.30	Left	0.110	0.101	0.153	0.139	0.263	0.240	0.401	0.150	0.200	0.200	0.283	0.283	0.664	0.783	0.546	0.673	1.043
		0.108	23.30	19.30	19.30		0.227	19.40	15.30	15.30	Left Tls	0.040	0.039	0.115	0.105	0.158	0.144	0.377	0.149	0.378	0.378	0.236	0.236	0.535	0.536	0.394	0.520	0.736
		0.474	23.30	19.30	19.30		0.655	19.40	15.30	15.30	Right	0.189	0.172	0.203	0.267	0.482	0.439	0.183	0.103	0.267	0.267	0.181	0.181	0.685	0.749	0.663	0.723	0.887
		0.153	23.30	19.30	19.30		0.426	19.40	15.30	15.30	Right Tls	0.061	0.056	0.180	0.174	0.251	0.229	0.214	0.101	0.266	0.266	0.154	0.154	0.485	0.517	0.425	0.484	0.649
DC_2A+6A	Arel.0	0.162	25.30	23.80	23.80	Arel.5	0.517	22.30	17.30	17.30	Left	0.123	0.123	0.183	0.163	0.306	0.286	0.401	0.150	0.200	0.200	0.283	0.283	0.707	0.806	0.598	0.719	1.089
		0.102	25.30	23.80	23.80		0.162	22.30	17.30	17.30	Left Tls	0.077	0.077	0.054	0.048	0.131	0.125	0.377	0.149	0.378	0.378	0.236	0.236	0.508	0.509	0.307	0.510	0.736
		0.150	25.30	23.80	23.80		0.448	22.30	17.30	17.30	Right	0.114	0.114	0.159	0.142	0.273	0.255	0.183	0.103	0.267	0.267	0.181	0.181	0.456	0.540	0.454	0.539	0.703
		0.074	25.30	23.80	23.80		0.086	22.30	17.30	17.30	Right Tls	0.056	0.056	0.024	0.030	0.080	0.086	0.214	0.101	0.266	0.266	0.154	0.154	0.304	0.356	0.244	0.341	0.536
DC_2A+6A	Arel.1	0.277	23.30	19.30	19.30	Arel.5	0.517	22.30	17.30	17.30	Left	0.110	0.101	0.183	0.163	0.264	0.264	0.401	0.150	0.200	0.200	0.283	0.283	0.695	0.814	0.577	0.697	1.067
		0.108	23.30	19.30	19.30		0.162	22.30	17.30	17.30	Left Tls	0.040	0.039	0.054	0.048	0.087	0.087	0.377	0.149	0.378	0.378	0.236	0.236	0.474	0.475	0.333	0.472	0.701
		0.474	23.30	19.30	19.30		0.448	22.30	17.30	17.30	Right	0.189	0.172	0.159	0.142	0.248	0.214	0.183	0.103	0.267	0.267	0.181	0.181	0.531	0.615	0.529	0.598	0.762
		0.153	23.30	19.30	19.30		0.086	22.30	17.30	17.30	Right Tls	0.061	0.056	0.024	0.030	0.085	0.086	0.214	0.101	0.266	0.266	0.154	0.154	0.303	0.381	0.246	0.341	0.536
DC_2A+12A	Arel.4	0.464	19.30	15.80	15.40	Arel.0	0.166	25.00	23.50	23.50	Left	0.222	0.203	0.118	0.118	0.240	0.207	0.401	0.150	0.200	0.200	0.283	0.283	0.741	0.880	0.623	0.723	1.123
		0.408	19.30	15.80	15.40		0.115	25.00	23.50	23.50	Left Tls	0.228	0.217	0.081	0.081	0.200	0.209	0.377	0.149	0.378	0.378	0.236	0.236	0.687	0.688	0.526	0.684	0.913
		0.582	19.30	15.80	15.40		0.180	25.00	23.50	23.50	Right	0.471	0.450	0.127	0.127	0.258	0.257	0.183	0.103	0.267	0.267	0.181	0.181	0.782	0.885	0.780	0.941	1.205
		0.588	19.30	15.80	15.40		0.108	25.00	23.50	23.50	Right Tls	0.425	0.388	0.076	0.076	0.201	0.464	0.214	0.101	0.266	0.266	0.154	0.154	0.715	0.787	0.622	0.719	0.884
DC_2A+12A	Arel.5	0.591	22.10	19.30	17.30	Arel.0	0.165	25.00	23.50	23.50	Left	0.246	0.225	0.118	0.118	0.264	0.240	0.401	0.150	0.200	0.200	0.283	0.283	0.785	0.884	0.647	0.775	1.145
		0.108	22.10	19.30	17.30		0.115	25.00	23.50	23.50	Left Tls	0.089	0.080	0.081	0.081	0.151	0.145	0.377	0.149	0.378	0.378	0.236	0.236	0.528	0.529	0.387	0.520	0.739
		0.680	22.10	19.30	17.30		0.180	25.00	23.50	23.50	Right	0.285	0.280	0.127	0.127	0.412	0.387	0.183	0.103	0.267	0.267	0.181	0.181	0.595	0.679	0.520	0.671	0.825
		0.114	22.10	19.30	17.30		0.108	25.00	23.50	23.50	Right Tls	0.048	0.040	0.076	0.076	0.124	0.120	0.214	0.101	0.266	0.266	0.154	0.154	0.338	0.380	0.278	0.375	0.540

DC_7H+12A	Ant.4	0.464	19.00	15.50	15.40	Ant.1	0.377	24.80	22.50	21.50	Left	0.222	0.203	0.222	0.176	0.444	0.379	0.401	0.150	0.520	0.520	0.283	0.283	0.845	0.864	0.727	0.812	1.182
		0.498	19.00	15.50	15.40		0.163	24.80	22.50	21.50	Left Tilt	0.236	0.217	0.086	0.076	0.324	0.294	0.377	0.149	0.378	0.378	0.236	0.236	0.711	0.712	0.570	0.679	0.908
		0.985	19.00	15.50	15.40		0.658	24.80	22.50	21.50	Right	0.471	0.430	0.387	0.338	0.859	0.728	0.183	0.103	0.287	0.287	0.181	0.181	1.042	1.126	1.040	1.022	1.186
		0.888	19.00	15.50	15.40		0.229	24.80	22.50	21.50	Right Tilt	0.425	0.388	0.135	0.107	0.560	0.465	0.214	0.101	0.266	0.266	0.154	0.154	0.774	0.805	0.714	0.750	0.915
DC_7H+12A	Ant.5	0.591	22.10	18.30	17.90	Ant.1	0.377	24.80	22.50	21.50	Left	0.246	0.225	0.222	0.176	0.468	0.401	0.401	0.150	0.520	0.520	0.283	0.283	0.869	0.988	0.751	0.834	1.204
		0.166	22.10	18.30	17.90		0.163	24.80	22.50	21.50	Left Tilt	0.089	0.083	0.086	0.076	0.165	0.139	0.377	0.149	0.378	0.378	0.236	0.236	0.542	0.543	0.401	0.524	0.733
		0.683	22.10	18.30	17.90		0.658	24.80	22.50	21.50	Right	0.285	0.260	0.387	0.338	0.672	0.567	0.183	0.103	0.287	0.287	0.181	0.181	0.855	0.939	0.883	0.851	1.015
		0.114	22.10	18.30	17.90		0.229	24.80	22.50	21.50	Right Tilt	0.048	0.043	0.135	0.107	0.182	0.150	0.214	0.101	0.266	0.266	0.154	0.154	0.386	0.448	0.336	0.425	0.570
DC_7H+6SA	Ant.1	0.789	21.10	18.30	18.30	Ant.0	0.154	25.00	23.40	23.40	Left	0.414	0.414	0.107	0.107	0.521	0.521	0.401	0.150	0.520	0.520	0.283	0.283	0.922	1.041	0.804	0.954	1.334
		0.159	21.10	18.30	18.30		0.085	25.00	23.40	23.40	Left Tilt	0.083	0.083	0.059	0.059	0.142	0.142	0.377	0.149	0.378	0.378	0.236	0.236	0.519	0.520	0.378	0.527	0.756
		0.840	21.10	18.30	18.30		0.132	25.00	23.40	23.40	Right	0.441	0.441	0.091	0.091	0.532	0.532	0.183	0.103	0.287	0.287	0.181	0.181	0.715	0.759	0.713	0.816	0.980
		0.243	21.10	18.30	18.30		0.045	25.00	23.40	23.40	Right Tilt	0.128	0.128	0.031	0.031	0.159	0.159	0.214	0.101	0.266	0.266	0.154	0.154	0.373	0.425	0.313	0.414	0.570
DC_7H+6SA	Ant.5	0.591	22.10	18.30	17.90	Ant.0	0.154	25.00	23.40	23.40	Left	0.246	0.225	0.107	0.107	0.363	0.331	0.401	0.150	0.520	0.520	0.283	0.283	0.754	0.873	0.636	0.764	1.134
		0.166	22.10	18.30	17.90		0.085	25.00	23.40	23.40	Left Tilt	0.083	0.083	0.059	0.059	0.128	0.122	0.377	0.149	0.378	0.378	0.236	0.236	0.505	0.506	0.364	0.507	0.736
		0.683	22.10	18.30	17.90		0.132	25.00	23.40	23.40	Right	0.285	0.260	0.091	0.091	0.376	0.351	0.183	0.103	0.287	0.287	0.181	0.181	0.699	0.643	0.507	0.635	0.789
		0.114	22.10	18.30	17.90		0.045	25.00	23.40	23.40	Right Tilt	0.048	0.043	0.031	0.031	0.079	0.074	0.214	0.101	0.266	0.266	0.154	0.154	0.283	0.345	0.233	0.335	0.494
DC_7H+6SA	Ant.1	0.789	21.10	18.30	18.30	Ant.4	0.342	19.40	15.90	15.50	Left	0.414	0.414	0.153	0.139	0.567	0.553	0.401	0.150	0.520	0.520	0.283	0.283	0.968	1.087	0.850	0.986	1.356
		0.159	21.10	18.30	18.30		0.257	19.40	15.90	15.50	Left Tilt	0.083	0.083	0.115	0.105	0.168	0.168	0.377	0.149	0.378	0.378	0.236	0.236	0.575	0.576	0.434	0.573	0.832
		0.840	21.10	18.30	18.30		0.656	19.40	15.90	15.50	Right	0.441	0.441	0.263	0.267	0.734	0.708	0.183	0.103	0.287	0.287	0.181	0.181	0.917	1.021	0.915	0.982	1.156
		0.243	21.10	18.30	18.30		0.426	19.40	15.90	15.50	Right Tilt	0.128	0.128	0.160	0.174	0.318	0.301	0.214	0.101	0.266	0.266	0.154	0.154	0.533	0.584	0.472	0.556	0.721
DC_7H+6SA	Ant.5	0.591	22.10	18.30	17.90	Ant.4	0.342	19.40	15.90	15.50	Left	0.246	0.225	0.153	0.139	0.369	0.354	0.401	0.150	0.520	0.520	0.283	0.283	0.830	0.919	0.692	0.737	1.167
		0.166	22.10	18.30	17.90		0.257	19.40	15.90	15.50	Left Tilt	0.083	0.083	0.115	0.105	0.164	0.168	0.377	0.149	0.378	0.378	0.236	0.236	0.581	0.582	0.420	0.553	0.782
		0.683	22.10	18.30	17.90		0.656	19.40	15.90	15.50	Right	0.285	0.260	0.263	0.267	0.578	0.557	0.183	0.103	0.287	0.287	0.181	0.181	0.781	0.845	0.739	0.811	0.975
		0.114	22.10	18.30	17.90		0.426	19.40	15.90	15.50	Right Tilt	0.048	0.043	0.160	0.174	0.228	0.217	0.214	0.101	0.266	0.266	0.154	0.154	0.462	0.504	0.392	0.472	0.627
DC_12A+6SA	Ant.0	0.166	25.00	23.50	23.50	Ant.4	0.342	19.40	15.90	15.50	Left	0.118	0.118	0.153	0.139	0.270	0.267	0.401	0.150	0.520	0.520	0.283	0.283	0.871	0.750	0.583	0.680	1.080
		0.115	25.00	23.50	23.50		0.257	19.40	15.90	15.50	Left Tilt	0.081	0.081	0.115	0.105	0.166	0.166	0.377	0.149	0.378	0.378	0.236	0.236	0.573	0.574	0.432	0.571	0.830
		0.180	25.00	23.50	23.50		0.656	19.40	15.90	15.50	Right	0.127	0.127	0.263	0.267	0.420	0.385	0.183	0.103	0.287	0.287	0.181	0.181	0.883	0.887	0.801	0.679	0.843
		0.128	25.00	23.50	23.50		0.426	19.40	15.90	15.50	Right Tilt	0.076	0.076	0.160	0.174	0.267	0.260	0.214	0.101	0.266	0.266	0.154	0.154	0.481	0.533	0.421	0.535	0.670

DC_12H+6A	Ant.1	0.377	24.80	22.50	21.50	Ant.4	0.342	19.40	15.90	15.50	Left	0.222	0.176	0.153	0.139	0.375	0.316	0.401	0.150	0.520	0.520	0.283	0.283	0.776	0.885	0.658	0.749	1.119
		0.153	24.80	22.50	21.50		0.257	19.40	15.90	15.50	Left Tr	0.096	0.076	0.115	0.105	0.211	0.181	0.377	0.149	0.378	0.378	0.236	0.236	0.588	0.589	0.447	0.586	0.795
		0.658	24.80	22.50	21.50		0.656	19.40	15.90	15.50	Right	0.387	0.308	0.263	0.267	0.680	0.575	0.183	0.103	0.267	0.267	0.181	0.181	0.883	0.947	0.801	0.859	1.023
		0.229	24.80	22.50	21.50		0.426	19.40	15.90	15.50	Right Tr	0.135	0.107	0.160	0.174	0.325	0.281	0.214	0.101	0.266	0.266	0.154	0.154	0.539	0.591	0.479	0.536	0.701
DC_12H+6A	Ant.0	0.166	25.50	23.50	23.50	Ant.5	0.517	22.30	17.80	17.30	Left	0.118	0.118	0.163	0.163	0.301	0.281	0.401	0.150	0.520	0.520	0.283	0.283	0.702	0.801	0.594	0.714	1.084
		0.115	25.50	23.50	23.50		0.152	22.30	17.80	17.30	Left Tr	0.081	0.081	0.054	0.048	0.155	0.129	0.377	0.149	0.378	0.378	0.236	0.236	0.512	0.513	0.371	0.514	0.743
		0.180	25.50	23.50	23.50		0.448	22.30	17.80	17.30	Right	0.127	0.127	0.159	0.142	0.286	0.269	0.183	0.103	0.267	0.267	0.181	0.181	0.469	0.553	0.467	0.553	0.717
		0.108	25.50	23.50	23.50		0.096	22.30	17.80	17.30	Right Tr	0.076	0.076	0.024	0.030	0.111	0.107	0.214	0.101	0.266	0.266	0.154	0.154	0.325	0.377	0.285	0.382	0.527
DC_12H+6A	Ant.1	0.377	24.80	22.50	21.50	Ant.5	0.517	22.30	17.80	17.30	Left	0.222	0.176	0.163	0.163	0.405	0.340	0.401	0.150	0.520	0.520	0.283	0.283	0.806	0.825	0.688	0.773	1.143
		0.153	24.80	22.50	21.50		0.152	22.30	17.80	17.30	Left Tr	0.096	0.076	0.054	0.048	0.150	0.124	0.377	0.149	0.378	0.378	0.236	0.236	0.527	0.528	0.386	0.528	0.738
		0.658	24.80	22.50	21.50		0.448	22.30	17.80	17.30	Right	0.387	0.308	0.159	0.142	0.546	0.449	0.183	0.103	0.267	0.267	0.181	0.181	0.729	0.813	0.727	0.733	0.887
		0.229	24.80	22.50	21.50		0.096	22.30	17.80	17.30	Right Tr	0.135	0.107	0.024	0.030	0.169	0.137	0.214	0.101	0.266	0.266	0.154	0.154	0.383	0.435	0.323	0.382	0.557
<p>Note:</p> <p>1. The Highest Summed EIRP is 1.52E W/kg &lt; 1.6 W/kg, so Simultaneous Transmission SAR test is not required.</p>																												

## 12.2.13 Body-Worn Simultaneous Transmission SAR Evaluation for LTE Inter CA and WLAN and BT

Band	Antenna	4G				NR	4G				Position	Stand Alone SAR																SUM SAR				
		LTE		CA			LTE		CA			Band1	Band2	Band3	Band4	1	2	3	4	5	6	7	8	Bluetooth	Bluetooth	1+3	1+5	1+7	2+4+6	2+6+8		
		Band1	Band2	Max	Power		Band1	Band2	Max	Power																					SAR	SAR
		Band3	Band5	Band3	Band5		Band3	Band5	Band3	Band5		Band3	Band5	Level7	Level8	Level7	Level8															
DC_24A4A	Ant.0	0.067	22.40	19.00	17.30	Ant.1	0.028	21.30	21.50	21.50	Front Side 15mm	0.021	0.021	0.028	0.028	0.060	0.060	0.126	0.067	0.176	0.176	0.009	0.009	0.185	0.206	0.089	0.126	0.225				
	0.117	22.40	19.00	17.30	0.051		21.30	21.50	21.50	Back Side 15mm		0.023	0.026	0.023	0.023	0.107	0.090	0.272	0.109	0.353	0.353	0.014	0.014	0.279	0.460	0.121	0.213	0.427				
DC_24A4A	Ant.4	0.119	21.70	21.10	18.60	Ant.1	0.028	21.30	21.50		21.50	Front Side 15mm	0.104	0.058	0.029	0.029	0.133	0.088	0.126	0.067	0.176	0.176	0.008	0.008	0.259	0.309	0.142	0.164	0.273			
	0.124	21.70	21.10	18.60	0.051		21.30	21.50	21.50	Back Side 15mm	0.117		0.066	0.023	0.023	0.170	0.119	0.272	0.109	0.353	0.353	0.014	0.014	0.442	0.523	0.194	0.242	0.486				
DC_24A4A	Ant.0	0.067	22.40	19.00	17.30	Ant.5	0.114	23.80	18.60		18.60	Front Side 15mm	0.021	0.021	0.024	0.024	0.065	0.065	0.126	0.067	0.176	0.176	0.009	0.009	0.191	0.241	0.074	0.131	0.240			
	0.117	22.40	19.00	17.30	0.162		23.80	18.60	18.60	Back Side 15mm	0.023		0.026	0.049	0.049	0.102	0.065	0.272	0.109	0.353	0.353	0.014	0.014	0.274	0.465	0.116	0.208	0.422				
DC_24A4A	Ant.4	0.119	21.70	21.10	18.60	Ant.5	0.114	23.80	18.60		18.60	Front Side 15mm	0.104	0.058	0.024	0.024	0.128	0.083	0.126	0.067	0.176	0.176	0.008	0.008	0.264	0.314	0.147	0.169	0.276			
	0.124	21.70	21.10	18.60	0.162		23.80	18.60	18.60	Back Side 15mm	0.117		0.066	0.049	0.049	0.166	0.115	0.272	0.109	0.353	0.353	0.014	0.014	0.438	0.519	0.180	0.238	0.482				
DC_24A7A	Ant.0	0.067	22.40	19.00	17.30	Ant.4	0.164	22.40	19.50		19.50	Front Side 15mm	0.021	0.021	0.024	0.024	0.115	0.105	0.126	0.067	0.176	0.176	0.009	0.009	0.241	0.291	0.124	0.181	0.290			
	0.117	22.40	19.00	17.30	0.195		22.40	19.50	19.50	Back Side 15mm	0.023		0.026	0.100	0.100	0.153	0.126	0.272	0.109	0.353	0.353	0.014	0.014	0.425	0.506	0.167	0.229	0.520				
DC_24A7A	Ant.1	0.020	21.00	21.10	21.10	Ant.4	0.164	22.40	19.50		19.50	Front Side 15mm	0.020	0.020	0.024	0.024	0.084	0.084	0.126	0.067	0.176	0.176	0.009	0.009	0.210	0.260	0.090	0.160	0.269			
	0.044	21.00	21.10	21.10	0.195		22.40	19.50	19.50	Back Side 15mm	0.045		0.045	0.100	0.100	0.145	0.145	0.272	0.109	0.353	0.353	0.014	0.014	0.417	0.468	0.159	0.208	0.512				
DC_24A7A	Ant.0	0.067	22.40	19.00	17.30	Ant.5	0.161	23.50	19.10		19.10	Front Side 15mm	0.021	0.021	0.026	0.026	0.096	0.096	0.126	0.067	0.176	0.176	0.009	0.009	0.222	0.272	0.105	0.162	0.271			
	0.117	22.40	19.00	17.30	0.206		23.50	19.10	19.10	Back Side 15mm	0.023		0.026	0.111	0.111	0.165	0.147	0.272	0.109	0.353	0.353	0.014	0.014	0.427	0.518	0.179	0.270	0.514				
DC_24A7A	Ant.1	0.020	21.00	21.10	21.10	Ant.5	0.161	23.50	19.10		19.10	Front Side 15mm	0.020	0.020	0.026	0.026	0.096	0.096	0.126	0.067	0.176	0.176	0.009	0.009	0.192	0.242	0.075	0.142	0.251			
	0.044	21.00	21.10	21.10	0.206		23.50	19.10	19.10	Back Side 15mm	0.045		0.045	0.111	0.111	0.156	0.156	0.272	0.109	0.353	0.353	0.014	0.014	0.428	0.520	0.170	0.270	0.520				
DC_24A8A	Ant.0	0.067	22.40	19.00	17.30	Ant.1	0.047	21.40	20.40		20.40	Front Side 15mm	0.021	0.021	0.027	0.027	0.089	0.089	0.126	0.067	0.176	0.176	0.009	0.009	0.194	0.244	0.077	0.134	0.243			



		0.117	22.40	19.00	17.30		0.056	21.40	20.40	20.40	Back Side 15mm	0.053	0.056	0.044	0.044	0.088	0.081	0.272	0.109	0.353	0.353	0.014	0.014	0.370	0.451	0.112	0.204	0.448
DC_2A+5A	Arel.4	0.118	21.30	21.10	18.60	Arel.1	0.047	21.40	20.40	20.40	Front Side 15mm	0.104	0.058	0.027	0.027	0.141	0.056	0.126	0.067	0.176	0.176	0.009	0.009	0.367	0.317	0.150	0.172	0.281
		0.124	21.70	21.10	18.60		0.055	21.40	20.40	20.40	Back Side 15mm	0.117	0.065	0.044	0.044	0.161	0.110	0.272	0.109	0.353	0.353	0.014	0.014	0.433	0.514	0.175	0.233	0.477
DC_2A+5A	Arel.0	0.087	22.40	19.00	17.30	Arel.5	0.141	23.80	19.90	19.90	Front Side 15mm	0.021	0.021	0.046	0.046	0.076	0.066	0.126	0.067	0.176	0.176	0.008	0.008	0.202	0.252	0.095	0.142	0.251
		0.117	22.40	19.00	17.30		0.208	23.80	19.90	19.90	Back Side 15mm	0.053	0.056	0.067	0.067	0.121	0.103	0.272	0.109	0.353	0.353	0.014	0.014	0.383	0.474	0.136	0.236	0.470
DC_2A+5A	Arel.4	0.118	21.30	21.10	18.60	Arel.5	0.141	23.80	19.90	19.90	Front Side 15mm	0.104	0.058	0.046	0.046	0.149	0.104	0.126	0.067	0.176	0.176	0.009	0.009	0.275	0.325	0.108	0.180	0.289
		0.124	21.70	21.10	18.60		0.208	23.80	19.90	19.90	Back Side 15mm	0.117	0.065	0.067	0.067	0.164	0.123	0.272	0.109	0.353	0.353	0.014	0.014	0.455	0.537	0.138	0.256	0.500
DC_3A+5A	Arel.4	0.096	23.20	19.00	19.00	Arel.0	0.109	25.00	23.80	23.80	Front Side 15mm	0.036	0.036	0.083	0.083	0.119	0.119	0.126	0.067	0.176	0.176	0.008	0.008	0.245	0.295	0.128	0.195	0.304
		0.112	23.20	19.00	19.00		0.129	25.00	23.80	23.80	Back Side 15mm	0.043	0.043	0.105	0.105	0.148	0.148	0.272	0.109	0.353	0.353	0.014	0.014	0.430	0.501	0.162	0.271	0.515
DC_3A+5A	Arel.5	0.114	23.80	18.60	18.60	Arel.0	0.109	25.00	23.80	23.80	Front Side 15mm	0.024	0.024	0.083	0.083	0.117	0.117	0.126	0.067	0.176	0.176	0.008	0.008	0.243	0.293	0.128	0.183	0.322
		0.162	23.80	18.60	18.60		0.129	25.00	23.80	23.80	Back Side 15mm	0.049	0.049	0.105	0.105	0.154	0.154	0.272	0.109	0.353	0.353	0.014	0.014	0.435	0.507	0.168	0.277	0.521
DC_3A+5A	Arel.4	0.086	23.20	19.00	19.00	Arel.1	0.086	24.00	20.30	20.30	Front Side 15mm	0.036	0.036	0.027	0.027	0.073	0.073	0.126	0.067	0.176	0.176	0.008	0.008	0.199	0.249	0.090	0.146	0.258
		0.112	23.20	19.00	19.00		0.140	24.00	20.30	20.30	Back Side 15mm	0.043	0.043	0.060	0.060	0.102	0.102	0.272	0.109	0.353	0.353	0.014	0.014	0.274	0.465	0.116	0.225	0.463
DC_3A+5A	Arel.5	0.114	23.80	18.60	18.60	Arel.1	0.086	24.00	20.30	20.30	Front Side 15mm	0.024	0.024	0.027	0.027	0.071	0.071	0.126	0.067	0.176	0.176	0.008	0.008	0.197	0.247	0.090	0.147	0.256
		0.162	23.80	18.60	18.60		0.140	24.00	20.30	20.30	Back Side 15mm	0.049	0.049	0.080	0.080	0.109	0.109	0.272	0.109	0.353	0.353	0.014	0.014	0.381	0.462	0.123	0.232	0.476
DC_3A+7A	Arel.1	0.028	21.30	21.50	21.50	Arel.0	0.065	24.00	21.00	20.20	Front Side 15mm	0.039	0.039	0.023	0.027	0.082	0.056	0.126	0.067	0.176	0.176	0.009	0.009	0.188	0.238	0.071	0.132	0.241
		0.051	21.30	21.50	21.50		0.082	24.00	21.00	20.20	Back Side 15mm	0.023	0.023	0.041	0.034	0.056	0.088	0.272	0.109	0.353	0.353	0.014	0.014	0.387	0.468	0.109	0.211	0.465
DC_3A+7A	Arel.5	0.114	23.80	18.60	18.60	Arel.0	0.065	24.00	21.00	20.20	Front Side 15mm	0.024	0.024	0.023	0.027	0.087	0.062	0.126	0.067	0.176	0.176	0.009	0.009	0.193	0.243	0.076	0.138	0.247
		0.162	23.80	18.60	18.60		0.082	24.00	21.00	20.20	Back Side 15mm	0.049	0.049	0.041	0.034	0.080	0.083	0.272	0.109	0.353	0.353	0.014	0.014	0.382	0.463	0.104	0.206	0.460
DC_3A+7A	Arel.1	0.028	21.30	21.50	21.50	Arel.4	0.164	22.40	21.30	21.30	Front Side 15mm	0.039	0.039	0.127	0.127	0.157	0.157	0.126	0.067	0.176	0.176	0.009	0.009	0.283	0.333	0.146	0.233	0.342
		0.051	21.30	21.50	21.50		0.166	22.40	21.30	21.30	Back Side 15mm	0.023	0.023	0.151	0.151	0.225	0.225	0.272	0.109	0.353	0.353	0.014	0.014	0.477	0.558	0.219	0.338	0.572
DC_3A+7A	Arel.5	0.114	23.80	18.60	18.60	Arel.4	0.164	22.40	21.30	21.30	Front Side 15mm	0.024	0.024	0.127	0.127	0.162	0.162	0.126	0.067	0.176	0.176	0.009	0.009	0.288	0.338	0.171	0.238	0.347

		0.102	23.20	19.00	19.00		0.105	22.40	21.30	21.30	Back Side 15mm	0.040	0.040	0.151	0.151	0.200	0.200	0.272	0.109	0.353	0.353	0.014	0.014	0.472	0.553	0.214	0.333	0.567
DC_5A+5A	Ant.4	0.095	23.20	19.00	19.00	Ant.0	0.177	25.00	23.50	23.50	Front Side 15mm	0.036	0.036	0.125	0.125	0.161	0.161	0.126	0.067	0.176	0.176	0.009	0.009	0.387	0.387	0.170	0.237	0.346
		0.112	23.20	19.00	19.00		0.210	25.00	23.50	23.50	Back Side 15mm	0.040	0.040	0.149	0.149	0.191	0.191	0.272	0.109	0.353	0.353	0.014	0.014	0.463	0.544	0.225	0.314	0.559
DC_5A+5A	Ant.5	0.114	23.80	19.60	19.60	Ant.0	0.177	25.00	23.50	23.50	Front Side 15mm	0.034	0.034	0.125	0.125	0.160	0.160	0.126	0.067	0.176	0.176	0.009	0.009	0.386	0.386	0.169	0.236	0.345
		0.102	23.80	19.60	19.60		0.210	25.00	23.50	23.50	Back Side 15mm	0.040	0.040	0.149	0.149	0.198	0.198	0.272	0.109	0.353	0.353	0.014	0.014	0.470	0.551	0.212	0.321	0.565
DC_5A+5A	Ant.4	0.095	23.20	19.00	19.00	Ant.1	0.123	24.80	22.50	22.50	Front Side 15mm	0.036	0.036	0.072	0.072	0.109	0.109	0.126	0.067	0.176	0.176	0.009	0.009	0.225	0.285	0.118	0.185	0.294
		0.112	23.20	19.00	19.00		0.201	24.80	22.50	22.50	Back Side 15mm	0.040	0.040	0.118	0.118	0.161	0.161	0.272	0.109	0.353	0.353	0.014	0.014	0.433	0.514	0.175	0.264	0.528
DC_5A+5A	Ant.5	0.114	23.80	19.60	19.60	Ant.1	0.123	24.80	22.50	22.50	Front Side 15mm	0.034	0.034	0.072	0.072	0.107	0.107	0.126	0.067	0.176	0.176	0.009	0.009	0.223	0.283	0.116	0.183	0.292
		0.102	23.80	19.60	19.60		0.201	24.80	22.50	22.50	Back Side 15mm	0.040	0.040	0.118	0.118	0.167	0.167	0.272	0.109	0.353	0.353	0.014	0.014	0.430	0.520	0.181	0.290	0.534
DC_5A+7A	Ant.0	0.109	25.00	23.80	23.80	Ant.4	0.164	22.40	19.50	19.50	Front Side 15mm	0.080	0.080	0.084	0.084	0.167	0.167	0.126	0.067	0.176	0.176	0.009	0.009	0.293	0.343	0.176	0.243	0.322
		0.139	25.00	23.80	23.80		0.195	22.40	19.50	19.50	Back Side 15mm	0.105	0.105	0.100	0.100	0.205	0.205	0.272	0.109	0.353	0.353	0.014	0.014	0.477	0.558	0.219	0.328	0.572
DC_5A+7A	Ant.1	0.095	24.00	20.30	20.30	Ant.4	0.164	22.40	19.50	19.50	Front Side 15mm	0.037	0.037	0.084	0.084	0.121	0.121	0.126	0.067	0.176	0.176	0.009	0.009	0.247	0.297	0.130	0.197	0.306
		0.140	24.00	20.30	20.30		0.195	22.40	19.50	19.50	Back Side 15mm	0.080	0.080	0.100	0.100	0.160	0.160	0.272	0.109	0.353	0.353	0.014	0.014	0.432	0.513	0.174	0.283	0.527
DC_5A+7A	Ant.0	0.109	25.00	23.80	23.80	Ant.5	0.191	23.50	19.10	19.10	Front Side 15mm	0.080	0.080	0.095	0.095	0.148	0.148	0.126	0.067	0.176	0.176	0.009	0.009	0.274	0.324	0.157	0.224	0.330
		0.139	25.00	23.80	23.80		0.306	23.50	19.10	19.10	Back Side 15mm	0.105	0.105	0.111	0.111	0.217	0.217	0.272	0.109	0.353	0.353	0.014	0.014	0.489	0.570	0.221	0.340	0.584
DC_5A+7A	Ant.1	0.095	24.00	20.30	20.30	Ant.5	0.191	23.50	19.10	19.10	Front Side 15mm	0.037	0.037	0.086	0.086	0.122	0.122	0.126	0.067	0.176	0.176	0.009	0.009	0.228	0.278	0.111	0.178	0.287
		0.140	24.00	20.30	20.30		0.306	23.50	19.10	19.10	Back Side 15mm	0.080	0.080	0.111	0.111	0.171	0.171	0.272	0.109	0.353	0.353	0.014	0.014	0.443	0.524	0.185	0.294	0.528
DC_5A+6A	Ant.0	0.109	25.00	23.80	23.80	Ant.4	0.126	23.20	19.10	19.10	Front Side 15mm	0.080	0.080	0.049	0.049	0.132	0.132	0.126	0.067	0.176	0.176	0.009	0.009	0.258	0.308	0.141	0.208	0.317
		0.139	25.00	23.80	23.80		0.148	23.20	19.10	19.10	Back Side 15mm	0.105	0.105	0.058	0.058	0.163	0.163	0.272	0.109	0.353	0.353	0.014	0.014	0.435	0.516	0.177	0.286	0.530
DC_5A+6A	Ant.1	0.095	24.00	20.30	20.30	Ant.4	0.126	23.20	19.10	19.10	Front Side 15mm	0.037	0.037	0.049	0.049	0.086	0.086	0.126	0.067	0.176	0.176	0.009	0.009	0.212	0.262	0.086	0.142	0.271
		0.140	24.00	20.30	20.30		0.148	23.20	19.10	19.10	Back Side 15mm	0.080	0.080	0.058	0.058	0.117	0.117	0.272	0.109	0.353	0.353	0.014	0.014	0.389	0.470	0.121	0.240	0.484
DC_5A+6A	Ant.0	0.109	25.00	23.80	23.80	Ant.5	0.141	23.80	19.90	19.90	Front Side 15mm	0.080	0.080	0.046	0.046	0.128	0.128	0.126	0.067	0.176	0.176	0.009	0.009	0.254	0.304	0.137	0.204	0.313

		0.138	25.50	23.50	23.50		0.208	23.50	19.50	19.50	Back Side 15mm	0.105	0.105	0.067	0.067	0.173	0.173	0.272	0.108	0.353	0.353	0.014	0.014	0.445	0.556	0.187	0.296	0.540
DC_24+65A	Ant.1	0.266	24.50	20.50	20.50	Ant.5	0.141	23.50	19.50	19.50	Front Side 15mm	0.037	0.037	0.246	0.246	0.262	0.262	0.126	0.067	0.176	0.176	0.009	0.009	0.208	0.258	0.091	0.158	0.267
		0.140	24.50	20.50	20.50		0.208	23.50	19.50	19.50	Back Side 15mm	0.060	0.060	0.067	0.067	0.127	0.127	0.272	0.109	0.353	0.353	0.014	0.014	0.289	0.480	0.141	0.220	0.494
DC_24+12A	Ant.4	0.164	22.40	19.50	19.50	Ant.0	0.177	25.00	23.50	23.50	Front Side 15mm	0.084	0.084	0.125	0.125	0.208	0.208	0.126	0.067	0.176	0.176	0.008	0.008	0.205	0.265	0.218	0.285	0.334
		0.195	22.40	19.50	19.50		0.210	25.00	23.50	23.50	Back Side 15mm	0.100	0.100	0.149	0.149	0.249	0.249	0.272	0.108	0.353	0.353	0.014	0.014	0.521	0.602	0.283	0.372	0.616
DC_24+12A	Ant.5	0.181	25.50	19.10	19.10	Ant.0	0.177	25.00	23.50	23.50	Front Side 15mm	0.086	0.086	0.125	0.125	0.191	0.191	0.126	0.067	0.176	0.176	0.008	0.008	0.207	0.267	0.220	0.287	0.336
		0.306	25.50	19.10	19.10		0.210	25.00	23.50	23.50	Back Side 15mm	0.111	0.111	0.149	0.149	0.260	0.260	0.272	0.109	0.353	0.353	0.014	0.014	0.532	0.613	0.274	0.363	0.627
DC_24+12A	Ant.4	0.164	22.40	19.50	19.50	Ant.1	0.123	24.80	22.50	22.50	Front Side 15mm	0.084	0.084	0.072	0.072	0.157	0.157	0.126	0.067	0.176	0.176	0.008	0.008	0.283	0.333	0.166	0.233	0.342
		0.185	22.40	19.50	19.50		0.201	24.80	22.50	22.50	Back Side 15mm	0.100	0.100	0.118	0.118	0.218	0.218	0.272	0.108	0.353	0.353	0.014	0.014	0.480	0.571	0.232	0.341	0.585
DC_24+12A	Ant.5	0.181	25.50	19.10	19.10	Ant.1	0.123	24.80	22.50	22.50	Front Side 15mm	0.086	0.086	0.072	0.072	0.128	0.128	0.126	0.067	0.176	0.176	0.008	0.008	0.284	0.334	0.147	0.214	0.323
		0.306	25.50	19.10	19.10		0.201	24.80	22.50	22.50	Back Side 15mm	0.111	0.111	0.118	0.118	0.229	0.229	0.272	0.109	0.353	0.353	0.014	0.014	0.501	0.592	0.243	0.352	0.596
DC_24+65A	Ant.1	0.114	21.10	21.30	21.30	Ant.0	0.085	25.00	19.50	19.50	Front Side 15mm	0.119	0.119	0.019	0.019	0.128	0.128	0.126	0.067	0.176	0.176	0.008	0.008	0.264	0.314	0.147	0.214	0.323
		0.118	21.10	21.30	21.30		0.123	25.00	19.50	19.50	Back Side 15mm	0.124	0.124	0.028	0.028	0.151	0.151	0.272	0.108	0.353	0.353	0.014	0.014	0.423	0.504	0.185	0.274	0.518
DC_24+65A	Ant.5	0.181	25.50	19.10	19.10	Ant.0	0.085	25.00	19.50	19.50	Front Side 15mm	0.086	0.086	0.019	0.019	0.085	0.085	0.126	0.067	0.176	0.176	0.008	0.008	0.211	0.261	0.094	0.161	0.270
		0.306	25.50	19.10	19.10		0.123	25.00	19.50	19.50	Back Side 15mm	0.111	0.111	0.028	0.028	0.128	0.128	0.272	0.109	0.353	0.353	0.014	0.014	0.411	0.482	0.153	0.262	0.556
DC_24+65A	Ant.1	0.114	21.10	21.30	21.30	Ant.4	0.126	23.20	19.10	19.10	Front Side 15mm	0.119	0.119	0.049	0.049	0.168	0.168	0.126	0.067	0.176	0.176	0.008	0.008	0.264	0.314	0.177	0.244	0.353
		0.118	21.10	21.30	21.30		0.148	23.20	19.10	19.10	Back Side 15mm	0.124	0.124	0.058	0.058	0.181	0.181	0.272	0.108	0.353	0.353	0.014	0.014	0.483	0.584	0.185	0.304	0.548
DC_24+65A	Ant.5	0.181	25.50	19.10	19.10	Ant.4	0.126	23.20	19.10	19.10	Front Side 15mm	0.086	0.086	0.049	0.049	0.115	0.115	0.126	0.067	0.176	0.176	0.008	0.008	0.241	0.291	0.124	0.191	0.300
		0.306	25.50	19.10	19.10		0.148	23.20	19.10	19.10	Back Side 15mm	0.111	0.111	0.058	0.058	0.169	0.169	0.272	0.109	0.353	0.353	0.014	0.014	0.441	0.522	0.183	0.292	0.536
DC_10A+65A	Ant.0	0.177	25.50	23.50	23.50	Ant.4	0.126	23.20	19.10	19.10	Front Side 15mm	0.125	0.125	0.049	0.049	0.174	0.174	0.126	0.067	0.176	0.176	0.008	0.008	0.300	0.350	0.183	0.250	0.359
		0.210	25.50	23.50	23.50		0.148	23.20	19.10	19.10	Back Side 15mm	0.149	0.149	0.058	0.058	0.206	0.206	0.272	0.109	0.353	0.353	0.014	0.014	0.475	0.556	0.220	0.339	0.573
DC_10A+65A	Ant.1	0.123	24.80	22.50	22.50	Ant.4	0.126	23.20	19.10	19.10	Front Side 15mm	0.072	0.072	0.049	0.049	0.121	0.121	0.126	0.067	0.176	0.176	0.008	0.008	0.247	0.297	0.130	0.197	0.306

		0.201	24.80	22.50	22.50		0.146	23.20	19.10	19.10	Back Side 15mm	0.116	0.116	0.058	0.058	0.176	0.176	0.272	0.108	0.353	0.353	0.014	0.014	0.448	0.059	0.190	0.299	0.541
DC_12A-65A	Ant.0	0.177	25.20	23.50	23.50	Ant.5	0.141	23.80	19.50	19.50	Front Side 15mm	0.125	0.125	0.046	0.046	0.171	0.171	0.126	0.067	0.176	0.176	0.009	0.009	0.207	0.347	0.180	0.247	0.326
		0.210	25.00	23.50	23.50		0.208	23.80	19.50	19.50	Back Side 15mm	0.149	0.149	0.067	0.067	0.216	0.216	0.272	0.109	0.353	0.353	0.014	0.014	0.489	0.069	0.220	0.339	0.581
DC_12A-65A	Ant.1	0.123	24.80	22.50	22.50	Ant.5	0.141	23.80	19.50	19.50	Front Side 15mm	0.072	0.072	0.046	0.046	0.118	0.118	0.126	0.067	0.176	0.176	0.009	0.009	0.244	0.264	0.127	0.194	0.323
		0.201	24.80	22.50	22.50		0.208	23.80	19.50	19.50	Back Side 15mm	0.116	0.116	0.067	0.067	0.186	0.186	0.272	0.109	0.353	0.353	0.014	0.014	0.458	0.030	0.200	0.330	0.553
<p>Note:</p> <p>1: The Highest Summed (g SAR is 0.027 W/kg &lt; 1.6 W/kg, so Simultaneous Transmission SAR test is not required.</p>																												

### 12.2.14 Hotspot Simultaneous Transmission SAR Evaluation for LTE Inter CA and WLAN and BT

Band	LTE Antenna	4G				CA				NR Antenna	Stand Alone SAR																SUM SAR				
		LTE		LTE		LTE		LTE			Position	LTE				LTE CA				5G				Bluetooth	Bluetooth						
		Band1	Band2	Band1	Band2	Band1	Band2	Band1	Band2			Band1	Band2	Band3	Band4	Band5	Band6	Band7	Band8	1-3	4-6	7-8	9-12			13-15					
		Max	Power	Max	Power	Max	Power	Max	Power			SAR	SAR	SAR	SAR	(Band1+Band2)	(Band1+Band2)	Max	Max	Max	Max	Max	Max			Max	Max	Max	Max		
DC_24A4	Ant.0	0.111	22.40	19.00	17.30	0.048	21.30	21.50	21.50	Front Side 10mm	0.051	0.024	0.050	0.050	0.101	0.085	0.287	0.090	0.163	0.163	0.038	0.016	0.388	0.284	0.138	0.191	0.294				
		0.198	22.40	19.00	17.30	0.064	21.30	21.50	21.50	Back Side 10mm	0.091	0.061	0.067	0.067	0.158	0.128	0.633	0.114	0.327	0.327	0.095	0.095	0.791	0.485	0.253	0.337	0.550				
		0.091	22.40	19.00	17.30	0.003	21.30	21.50	21.50	Left Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.398	0.006	0.420	0.420	0.006	0.006	0.398	0.420	0.006	0.012	0.426				
		0.046	22.40	19.00	17.30	0.080	21.30	21.50	21.50	Right 10mm	0.021	0.014	0.084	0.084	0.105	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.105	0.105	0.105	0.098	0.098		
		0.000	22.40	19.00	17.30	0.000	21.30	21.50	21.50	Top Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.664	0.664	0.077	0.003	0.456	0.664	0.077	0.133	0.667				
		0.000	22.40	19.00	17.30	0.000	21.30	21.50	21.50	Bottom 10mm	0.120	0.081	0.000	0.000	0.120	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.120	0.120	0.081	0.081			
DC_24A4	Ant.4	0.222	21.70	21.10	18.60	0.048	21.30	21.50	21.50	Front Side 10mm	0.176	0.099	0.060	0.060	0.226	0.149	0.287	0.090	0.163	0.163	0.038	0.016	0.513	0.419	0.264	0.295	0.398				
		0.229	21.70	21.10	18.60	0.064	21.30	21.50	21.50	Back Side 10mm	0.220	0.124	0.067	0.067	0.287	0.191	0.633	0.114	0.327	0.327	0.095	0.095	0.800	0.614	0.382	0.483	0.613				
		0.000	21.70	21.10	18.60	0.000	21.30	21.50	21.50	Left Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.398	0.006	0.420	0.420	0.006	0.006	0.398	0.420	0.006	0.012	0.426				
		0.100	21.70	21.10	18.60	0.080	21.30	21.50	21.50	Right 10mm	0.131	0.073	0.084	0.084	0.214	0.157	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.214	0.214	0.214	0.157	0.157			
		0.198	21.70	21.10	18.60	0.000	21.30	21.50	21.50	Top Edge 10mm	0.173	0.087	0.000	0.000	0.173	0.097	0.456	0.130	0.664	0.664	0.077	0.003	0.629	0.637	0.230	0.230	0.764				
		0.000	21.70	21.10	18.60	0.000	21.30	21.50	21.50	Bottom 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000				
DC_24A4	Ant.0	0.111	22.40	19.00	17.30	0.220	23.80	18.60	18.60	Front Side 10mm	0.051	0.024	0.069	0.069	0.120	0.104	0.287	0.090	0.163	0.163	0.038	0.016	0.407	0.313	0.158	0.210	0.313				
		0.198	22.40	19.00	17.30	0.320	23.80	18.60	18.60	Back Side 10mm	0.091	0.061	0.068	0.068	0.169	0.159	0.633	0.114	0.327	0.327	0.095	0.095	0.823	0.616	0.384	0.398	0.591				
		0.091	22.40	19.00	17.30	0.000	23.80	18.60	18.60	Left Edge 10mm	0.000	0.000	0.179	0.179	0.180	0.179	0.398	0.006	0.420	0.420	0.006	0.006	0.378	0.620	0.198	0.191	0.625				

DC_24A-4A	A4.4	0.046	22.40	19.50	17.30	A4.5	0.000	23.80	19.50	19.50	Right Edge	0.021	0.014	0.000	0.000	0.021	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.014	0.014			
		0.000	22.40	19.50	17.30		0.000	23.80	19.50	19.50	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.456	0.654	0.077	0.133	0.657		
		0.000	22.40	19.50	17.30		0.000	23.80	19.50	19.50	Bottom Edge	0.120	0.081	0.000	0.000	0.120	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.120	0.120	0.081	0.081	
DC_24A-7A	A4.4	0.020	21.70	21.10	19.50	A4.5	0.220	23.80	19.50	19.50	Front Side	0.176	0.059	0.059	0.059	0.245	0.168	0.267	0.090	0.163	0.163	0.008	0.016	0.532	0.438	0.280	0.274	0.377			
		0.220	21.70	21.10	19.50		0.326	23.80	19.50	19.50	Back Side	0.220	0.124	0.098	0.098	0.318	0.222	0.833	0.114	0.327	0.327	0.005	0.005	0.802	0.646	0.414	0.431	0.644			
		0.000	21.70	21.10	19.50		0.000	23.80	19.50	19.50	Left Edge	0.000	0.000	0.179	0.179	0.179	0.179	0.388	0.006	0.420	0.420	0.006	0.006	0.277	0.259	0.185	0.191	0.605			
		0.100	21.70	21.10	19.50		0.000	23.80	19.50	19.50	Right Edge	0.131	0.073	0.000	0.000	0.131	0.073	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.131	0.131	0.131	0.073	0.073		
		0.199	21.70	21.10	19.50		0.000	23.80	19.50	19.50	Top Edge	0.173	0.087	0.000	0.000	0.173	0.087	0.456	0.130	0.654	0.654	0.077	0.003	0.629	0.637	0.220	0.230	0.764			
		0.000	21.70	21.10	19.50		0.000	23.80	19.50	19.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
DC_24A-7A	A4.0	0.111	22.40	19.50	17.30	A4.4	0.169	22.40	19.50	19.50	Front Side	0.051	0.024	0.027	0.027	0.148	0.121	0.267	0.090	0.163	0.163	0.008	0.016	0.425	0.341	0.186	0.227	0.340			
		0.198	22.40	19.50	17.30		0.222	22.40	19.50	19.50	Back Side	0.091	0.061	0.119	0.119	0.209	0.180	0.833	0.114	0.327	0.327	0.005	0.005	0.842	0.536	0.304	0.380	0.602			
		0.001	22.40	19.50	17.30		0.000	22.40	19.50	19.50	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.006	0.420	0.420	0.006	0.006	0.288	0.420	0.006	0.012	0.605			
		0.046	22.40	19.50	17.30		0.118	22.40	19.50	19.50	Right Edge	0.021	0.014	0.061	0.061	0.082	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.082	0.082	0.082	0.075	0.075
		0.000	22.40	19.50	17.30		0.300	22.40	19.50	19.50	Top Edge	0.000	0.000	0.154	0.154	0.154	0.154	0.456	0.130	0.654	0.654	0.077	0.003	0.610	0.618	0.221	0.237	0.821			
		0.000	22.40	19.50	17.30		0.000	22.40	19.50	19.50	Bottom Edge	0.120	0.081	0.000	0.000	0.120	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.120	0.120	0.081	0.081
DC_24A-7A	A4.1	0.029	21.00	21.10	21.10	A4.4	0.169	22.40	19.50	19.50	Front Side	0.030	0.020	0.027	0.027	0.127	0.127	0.267	0.090	0.163	0.163	0.008	0.016	0.414	0.320	0.165	0.223	0.336			
		0.027	21.00	21.10	21.10		0.222	22.40	19.50	19.50	Back Side	0.028	0.028	0.119	0.119	0.157	0.157	0.833	0.114	0.327	0.327	0.005	0.005	0.790	0.464	0.232	0.336	0.579			
		0.000	21.00	21.10	21.10		0.000	22.40	19.50	19.50	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.006	0.420	0.420	0.006	0.006	0.288	0.420	0.006	0.012	0.436			

		0.05	21.00	21.10	21.10		0.118	22.40	19.50	19.50	Right Edge	0.056	0.056	0.061	0.061	0.117	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.117	0.117	0.117	0.117	0.117
		0.080	21.00	21.10	21.10		0.300	22.40	19.50	19.50	Top Edge	0.000	0.000	0.154	0.154	0.154	0.154	0.154	0.456	0.130	0.654	0.654	0.077	0.003	0.610	0.610	0.221	0.287	0.621	
		0.080	21.00	21.10	21.10		0.000	22.40	19.50	19.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_24A7A	Arel.0	0.111	22.40	19.50	17.30	Arel.5	0.288	23.50	19.10	19.10	Front Side	0.051	0.054	0.105	0.105	0.155	0.156	0.287	0.090	0.163	0.163	0.038	0.016	0.442	0.348	0.150	0.245	0.348		
		0.198	22.40	19.50	17.30		0.421	23.50	19.10	19.10	Back Side	0.001	0.001	0.153	0.153	0.343	0.214	0.833	0.114	0.327	0.327	0.005	0.005	0.616	0.616	0.328	0.423	0.636		
		0.001	22.40	19.50	17.30		0.889	23.50	19.10	19.10	Left Edge	0.000	0.000	0.323	0.323	0.323	0.323	0.388	0.005	0.420	0.420	0.005	0.005	0.721	0.743	0.329	0.335	0.749		
		0.048	22.40	19.50	17.30		0.000	23.50	19.10	19.10	Right Edge	0.021	0.014	0.000	0.000	0.021	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.021	0.021	0.014	0.014	
		0.000	22.40	19.50	17.30		0.000	23.50	19.10	19.10	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.456	0.654	0.077	0.133	0.657		
		0.300	22.40	19.50	17.30		0.000	23.50	19.10	19.10	Bottom Edge	0.120	0.081	0.000	0.000	0.120	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.120	0.120	0.081
DC_24A7A	Arel.1	0.039	21.00	21.10	21.10	Arel.5	0.288	23.50	19.10	19.10	Front Side	0.030	0.030	0.105	0.105	0.154	0.154	0.287	0.090	0.163	0.163	0.038	0.016	0.421	0.327	0.172	0.240	0.343		
		0.027	21.00	21.10	21.10		0.421	23.50	19.10	19.10	Back Side	0.008	0.008	0.153	0.153	0.191	0.191	0.833	0.114	0.327	0.327	0.005	0.005	0.604	0.616	0.286	0.430	0.613		
		0.000	21.00	21.10	21.10		0.889	23.50	19.10	19.10	Left Edge	0.000	0.000	0.323	0.323	0.323	0.323	0.388	0.005	0.420	0.420	0.005	0.005	0.721	0.743	0.329	0.335	0.749		
		0.055	21.00	21.10	21.10		0.000	23.50	19.10	19.10	Right Edge	0.056	0.056	0.000	0.000	0.056	0.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.056	0.056	0.056	0.056	0.056
		0.000	21.00	21.10	21.10		0.000	23.50	19.10	19.10	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.456	0.654	0.077	0.133	0.657		
		0.000	21.00	21.10	21.10		0.000	23.50	19.10	19.10	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_24A5A	Arel.0	0.111	22.40	19.50	17.30	Arel.1	0.056	21.40	20.40	20.40	Front Side	0.051	0.054	0.044	0.044	0.085	0.079	0.287	0.090	0.163	0.163	0.038	0.016	0.382	0.288	0.133	0.185	0.288		
		0.198	22.40	19.50	17.30		0.022	21.40	20.40	20.40	Back Side	0.001	0.001	0.049	0.049	0.140	0.110	0.833	0.114	0.327	0.327	0.005	0.005	0.773	0.467	0.225	0.319	0.532		
		0.001	22.40	19.50	17.30		0.000	21.40	20.40	20.40	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.005	0.420	0.420	0.005	0.005	0.388	0.420	0.005	0.012	0.435		





		0.150	21.70	21.10	16.60		0.000	23.60	16.90	16.90	Right	0.131	0.073	0.000	0.000	0.131	0.073	0.000	0.000	0.000	0.000	0.000	0.000	0.131	0.131	0.131	0.073	0.073	
		0.166	21.70	21.10	16.60		0.000	23.60	16.90	16.90	Top Edge	0.173	0.087	0.000	0.000	0.173	0.087	0.456	0.130	0.654	0.654	0.077	0.003	0.629	0.607	0.250	0.230	0.764	
		0.000	21.70	21.10	16.60		0.000	23.60	16.90	16.90	Bottom	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_A4+SA	A4.4	0.127	23.20	19.90	19.90	A4.0	0.167	25.00	23.60	23.60	Front Side	0.046	0.046	0.142	0.142	0.160	0.160	0.287	0.090	0.163	0.163	0.038	0.016	0.477	0.383	0.228	0.236	0.399	
		0.176	23.20	19.90	19.90		0.277	25.00	23.60	23.60	Back Side	0.067	0.067	0.210	0.210	0.277	0.277	0.833	0.114	0.327	0.327	0.065	0.035	0.910	0.604	0.370	0.485	0.699	
		0.000	23.20	19.90	19.90		0.014	25.00	23.60	23.60	Left Edge	0.000	0.000	0.011	0.011	0.011	0.011	0.368	0.006	0.420	0.420	0.006	0.006	0.420	0.420	0.017	0.023	0.437	
		0.106	23.20	19.90	19.90		0.106	25.00	23.60	23.60	Right	0.040	0.040	0.080	0.080	0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.120	0.120	0.120
		0.166	23.20	19.90	19.90		0.000	25.00	23.60	23.60	Top Edge	0.071	0.071	0.000	0.000	0.071	0.071	0.456	0.130	0.654	0.654	0.077	0.003	0.627	0.725	0.146	0.204	0.736	
		0.000	23.20	19.90	19.90		0.122	25.00	23.60	23.60	Bottom	0.000	0.000	0.003	0.003	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_A4+SA	A4.5	0.226	23.60	16.60	16.60	A4.0	0.167	25.00	23.60	23.60	Front Side	0.066	0.066	0.142	0.142	0.211	0.211	0.287	0.090	0.163	0.163	0.038	0.016	0.468	0.404	0.249	0.317	0.420	
		0.326	23.60	16.60	16.60		0.277	25.00	23.60	23.60	Back Side	0.066	0.066	0.210	0.210	0.308	0.308	0.833	0.114	0.327	0.327	0.065	0.035	0.941	0.605	0.403	0.517	0.730	
		0.000	23.60	16.60	16.60		0.014	25.00	23.60	23.60	Left Edge	0.019	0.019	0.011	0.011	0.160	0.160	0.368	0.006	0.420	0.420	0.006	0.006	0.388	0.610	0.138	0.320	0.616	
		0.000	23.60	16.60	16.60		0.106	25.00	23.60	23.60	Right	0.000	0.000	0.080	0.080	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	23.60	16.60	16.60		0.000	25.00	23.60	23.60	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.605	0.604	0.077	0.133	0.627	
		0.000	23.60	16.60	16.60		0.122	25.00	23.60	23.60	Bottom	0.000	0.000	0.003	0.003	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_A4+SA	A4.4	0.127	23.20	19.90	19.90	A4.1	0.165	24.00	20.30	20.30	Front Side	0.046	0.046	0.070	0.070	0.119	0.119	0.287	0.090	0.163	0.163	0.038	0.016	0.406	0.312	0.157	0.225	0.336	
		0.176	23.20	19.90	19.90		0.266	24.00	20.30	20.30	Back Side	0.067	0.067	0.122	0.122	0.189	0.189	0.833	0.114	0.327	0.327	0.065	0.035	0.802	0.516	0.294	0.398	0.611	
		0.000	23.20	19.90	19.90		0.000	24.00	20.30	20.30	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.368	0.006	0.420	0.420	0.006	0.006	0.388	0.420	0.006	0.012	0.436	



DC_A6+7A	A6.1	0.00	23.80	18.60	18.60	A6.4	0.128	24.00	21.00	20.20	Right Edge	0.000	0.000	0.064	0.053	0.064	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.004	0.003	0.003
		0.000	23.80	18.60	18.60		0.000	24.00	21.00	20.20	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.064	0.064	0.077	0.003	0.456	0.064	0.077	0.133	0.067	
		0.000	23.80	18.60	18.60		0.000	24.00	21.00	20.20	Bottom Edge	0.000	0.000	0.064	0.061	0.064	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.004	0.001	0.001
DC_A6+7A	A6.1	0.048	21.30	21.50	21.50	A6.4	0.169	22.40	21.30	21.30	Front Side	0.050	0.050	0.147	0.147	0.167	0.167	0.267	0.090	0.163	0.163	0.038	0.016	0.464	0.300	0.226	0.303	0.406	
		0.004	21.30	21.50	21.50		0.232	22.40	21.30	21.30	Back Side	0.007	0.007	0.160	0.160	0.247	0.247	0.033	0.114	0.327	0.327	0.005	0.005	0.003	0.014	0.040	0.405	0.600	
		0.000	21.30	21.50	21.50		0.000	22.40	21.30	21.30	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.006	0.400	0.400	0.006	0.006	0.388	0.400	0.006	0.012	0.406	
		0.080	21.30	21.50	21.50		0.118	22.40	21.30	21.30	Right Edge	0.004	0.004	0.002	0.002	0.175	0.175	0.000	0.000	0.000	0.000	0.000	0.000	0.175	0.175	0.175	0.175	0.175	
		0.000	21.30	21.50	21.50		0.300	22.40	21.30	21.30	Top Edge	0.000	0.000	0.233	0.233	0.233	0.233	0.456	0.130	0.064	0.064	0.077	0.003	0.003	0.007	0.310	0.306	0.000	
		0.000	21.30	21.50	21.50		0.000	22.40	21.30	21.30	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_A6+7A	A6.5	0.220	23.80	18.60	18.60	A6.4	0.169	22.40	21.30	21.30	Front Side	0.050	0.050	0.147	0.147	0.216	0.216	0.267	0.090	0.163	0.163	0.038	0.016	0.003	0.409	0.254	0.332	0.425	
		0.320	23.80	18.60	18.60		0.232	22.40	21.30	21.30	Back Side	0.006	0.006	0.160	0.160	0.278	0.278	0.033	0.114	0.327	0.327	0.005	0.005	0.011	0.005	0.373	0.407	0.700	
		0.000	23.80	18.60	18.60		0.000	22.40	21.30	21.30	Left Edge	0.170	0.170	0.000	0.000	0.170	0.170	0.388	0.006	0.400	0.400	0.006	0.006	0.017	0.009	0.185	0.101	0.005	
		0.000	23.80	18.60	18.60		0.118	22.40	21.30	21.30	Right Edge	0.000	0.000	0.002	0.002	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	23.80	18.60	18.60		0.300	22.40	21.30	21.30	Top Edge	0.000	0.000	0.233	0.233	0.233	0.233	0.456	0.130	0.064	0.064	0.077	0.003	0.003	0.007	0.310	0.306	0.000	
		0.000	23.80	18.60	18.60		0.000	22.40	21.30	21.30	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_A6+7A	A6.4	0.127	23.20	19.00	19.00	A6.0	0.224	25.00	23.50	23.50	Front Side	0.046	0.046	0.159	0.159	0.207	0.207	0.267	0.090	0.163	0.163	0.038	0.016	0.464	0.400	0.246	0.313	0.416	
		0.175	23.20	19.00	19.00		0.332	25.00	23.50	23.50	Back Side	0.007	0.007	0.226	0.226	0.302	0.302	0.033	0.114	0.327	0.327	0.005	0.005	0.005	0.009	0.307	0.511	0.724	
		0.000	23.20	19.00	19.00		0.146	25.00	23.50	23.50	Left Edge	0.000	0.000	0.103	0.103	0.103	0.103	0.388	0.006	0.400	0.400	0.006	0.006	0.301	0.323	0.109	0.115	0.330	

DC_6A+12A	Arel.5	0.105	23.20	19.00	19.00	Arel.0	0.128	25.00	23.50	23.50	Right Edge	0.040	0.040	0.091	0.091	0.131	0.131	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.031	0.031	0.031	0.031	0.031	
		0.186	23.20	19.00	19.00		0.000	25.00	23.50	23.50	Top Edge	0.071	0.071	0.000	0.000	0.071	0.071	0.456	0.130	0.654	0.654	0.077	0.003	0.027	0.725	0.148	0.204	0.728		
		0.000	23.20	19.00	19.00		0.101	25.00	23.50	23.50	Bottom Edge	0.000	0.000	0.107	0.107	0.107	0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.107	0.107	0.107	0.107
DC_6A+12A	Arel.5	0.226	23.80	18.60	18.60	Arel.0	0.224	25.00	23.50	23.50	Front Side	0.069	0.069	0.155	0.155	0.228	0.228	0.267	0.090	0.163	0.163	0.008	0.016	0.015	0.421	0.256	0.334	0.437		
		0.320	23.80	18.60	18.60		0.332	25.00	23.50	23.50	Back Side	0.008	0.008	0.226	0.226	0.333	0.333	0.033	0.114	0.327	0.327	0.005	0.005	0.065	0.000	0.428	0.542	0.705		
		0.000	23.80	18.60	18.60		0.146	25.00	23.50	23.50	Left Edge	0.179	0.179	0.103	0.103	0.262	0.262	0.388	0.006	0.420	0.420	0.006	0.006	0.080	0.702	0.208	0.294	0.708		
		0.000	23.80	18.60	18.60		0.129	25.00	23.50	23.50	Right Edge	0.000	0.000	0.091	0.091	0.091	0.091	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
		0.000	23.80	18.60	18.60		0.000	25.00	23.50	23.50	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.405	0.664	0.077	0.133	0.667		
		0.000	23.80	18.60	18.60		0.101	25.00	23.50	23.50	Bottom Edge	0.000	0.000	0.107	0.107	0.107	0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.107	0.107	0.107
DC_6A+12A	Arel.4	0.127	23.20	19.00	19.00	Arel.1	0.215	24.80	22.50	22.50	Front Side	0.048	0.048	0.127	0.127	0.175	0.175	0.267	0.090	0.163	0.163	0.008	0.016	0.462	0.368	0.213	0.281	0.384		
		0.175	23.20	19.00	19.00		0.309	24.80	22.50	22.50	Back Side	0.007	0.007	0.217	0.217	0.264	0.264	0.033	0.114	0.327	0.327	0.005	0.005	0.017	0.011	0.379	0.483	0.706		
		0.000	23.20	19.00	19.00		0.000	24.80	22.50	22.50	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.006	0.420	0.420	0.006	0.006	0.088	0.620	0.006	0.012	0.605		
		0.105	23.20	19.00	19.00		0.322	24.80	22.50	22.50	Right Edge	0.040	0.040	0.207	0.207	0.247	0.247	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.347	0.347	0.347	0.347	0.347
		0.186	23.20	19.00	19.00		0.000	24.80	22.50	22.50	Top Edge	0.071	0.071	0.000	0.000	0.071	0.071	0.456	0.130	0.654	0.654	0.077	0.003	0.027	0.725	0.148	0.204	0.728		
		0.000	23.20	19.00	19.00		0.000	24.80	22.50	22.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
DC_6A+12A	Arel.5	0.226	23.80	18.60	18.60	Arel.1	0.215	24.80	22.50	22.50	Front Side	0.069	0.069	0.127	0.127	0.196	0.196	0.267	0.090	0.163	0.163	0.008	0.016	0.463	0.369	0.224	0.332	0.405		
		0.320	23.80	18.60	18.60		0.309	24.80	22.50	22.50	Back Side	0.008	0.008	0.217	0.217	0.265	0.265	0.033	0.114	0.327	0.327	0.005	0.005	0.048	0.042	0.410	0.524	0.737		
		0.000	23.80	18.60	18.60		0.000	24.80	22.50	22.50	Left Edge	0.179	0.179	0.000	0.000	0.179	0.179	0.388	0.006	0.420	0.420	0.006	0.006	0.077	0.089	0.185	0.191	0.605		

DC_5A-7A	AVL0	0.000	23.80	18.60	18.60	AVL4	0.302	24.60	22.50	22.50	Right Edge	0.000	0.000	0.207	0.207	0.207	0.207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	23.80	18.60	18.60		0.000	24.60	22.50	22.50	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.664	0.664	0.077	0.003	0.456	0.664	0.077	0.133	0.667	
		0.000	23.80	18.60	18.60		0.000	24.60	22.50	22.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_5A-7A	AVL0	0.187	25.00	23.80	23.80	AVL4	0.169	22.40	19.50	19.50	Front Side	0.142	0.142	0.087	0.087	0.229	0.229	0.287	0.000	0.163	0.163	0.038	0.016	0.456	0.432	0.277	0.345	0.446		
		0.277	25.00	23.80	23.80		0.232	22.40	19.50	19.50	Back Side	0.210	0.210	0.119	0.119	0.328	0.328	0.633	0.114	0.327	0.327	0.065	0.026	0.862	0.866	0.424	0.528	0.761		
		0.014	25.00	23.80	23.80		0.000	22.40	19.50	19.50	Left Edge	0.011	0.011	0.000	0.000	0.011	0.011	0.398	0.006	0.420	0.420	0.006	0.006	0.409	0.401	0.017	0.023	0.437		
		0.118	25.00	23.80	23.80		0.118	22.40	19.50	19.50	Right Edge	0.080	0.080	0.061	0.061	0.141	0.141	0.000	0.000	0.000	0.000	0.000	0.000	0.141	0.141	0.141	0.141	0.141		
		0.000	25.00	23.80	23.80		0.300	22.40	19.50	19.50	Top Edge	0.000	0.000	0.154	0.154	0.154	0.154	0.456	0.130	0.664	0.664	0.077	0.003	0.610	0.818	0.221	0.287	0.821		
0.120	25.00	23.80	23.80	0.000	22.40	19.50	19.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
DC_5A-7A	AVL1	0.165	24.00	20.30	20.30	AVL4	0.169	22.40	19.50	19.50	Front Side	0.070	0.070	0.087	0.087	0.167	0.167	0.287	0.000	0.163	0.163	0.038	0.016	0.456	0.360	0.225	0.273	0.376		
		0.288	24.00	20.30	20.30		0.232	22.40	19.50	19.50	Back Side	0.132	0.132	0.119	0.119	0.241	0.241	0.633	0.114	0.327	0.327	0.065	0.026	0.874	0.968	0.336	0.430	0.603		
		0.000	24.00	20.30	20.30		0.000	22.40	19.50	19.50	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.398	0.006	0.420	0.420	0.006	0.006	0.398	0.400	0.036	0.012	0.435		
		0.279	24.00	20.30	20.30		0.118	22.40	19.50	19.50	Right Edge	0.119	0.119	0.061	0.061	0.160	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.160	0.160	0.160	0.160	0.160		
		0.000	24.00	20.30	20.30		0.300	22.40	19.50	19.50	Top Edge	0.000	0.000	0.154	0.154	0.154	0.154	0.456	0.130	0.664	0.664	0.077	0.003	0.610	0.818	0.221	0.287	0.821		
0.000	24.00	20.30	20.30	0.000	22.40	19.50	19.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
DC_5A-7A	AVL0	0.187	25.00	23.80	23.80	AVL5	0.288	23.50	19.10	19.10	Front Side	0.142	0.142	0.105	0.105	0.246	0.246	0.287	0.000	0.163	0.163	0.038	0.016	0.533	0.438	0.284	0.332	0.455		
		0.277	25.00	23.80	23.80		0.421	23.50	19.10	19.10	Back Side	0.210	0.210	0.153	0.153	0.363	0.363	0.633	0.114	0.327	0.327	0.065	0.026	0.866	0.860	0.408	0.512	0.765		
		0.014	25.00	23.80	23.80		0.889	23.50	19.10	19.10	Left Edge	0.011	0.011	0.323	0.323	0.323	0.323	0.398	0.006	0.420	0.420	0.006	0.006	0.731	0.753	0.339	0.345	0.759		



		0.276	24.50	20.30	20.30	Arel.5	0.141	23.20	19.10	19.10	Right Edge	0.119	0.119	0.205	0.205	0.174	0.174	0.200	0.200	0.200	0.200	0.200	0.200	0.174	0.174	0.174	0.174	0.174	
		0.080	24.50	20.30	20.30		0.198	23.20	19.10	19.10	Top Edge	0.080	0.080	0.077	0.077	0.077	0.077	0.456	0.130	0.654	0.654	0.077	0.033	0.533	0.741	0.154	0.210	0.744	
		0.080	24.50	20.30	20.30		0.080	23.20	19.10	19.10	Bottom Edge	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
DC 2A+5A	Arel.0	0.187	25.50	23.80	23.80	Arel.5	0.484	23.80	19.90	19.90	Front Side	0.142	0.142	0.157	0.157	0.226	0.226	0.267	0.090	0.163	0.163	0.038	0.016	0.355	0.491	0.336	0.404	0.507	
		0.277	25.50	23.80	23.80		0.302	23.80	19.90	19.90	Back Side	0.210	0.210	0.117	0.117	0.327	0.327	0.833	0.114	0.327	0.327	0.095	0.035	0.980	0.654	0.422	0.535	0.740	
		0.014	25.50	23.80	23.80		0.664	23.80	19.90	19.90	Left Edge	0.011	0.011	0.215	0.215	0.225	0.225	0.398	0.095	0.420	0.420	0.095	0.095	0.623	0.645	0.221	0.227	0.651	
		0.108	25.50	23.80	23.80		0.000	23.80	19.90	19.90	Right Edge	0.080	0.080	0.000	0.000	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	25.50	23.80	23.80		0.000	23.80	19.90	19.90	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.033	0.456	0.654	0.077	0.133	0.657	
		0.122	25.50	23.80	23.80		0.000	23.80	19.90	19.90	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC 2A+5A	Arel.1	0.165	24.50	20.30	20.30	Arel.5	0.484	23.80	19.90	19.90	Front Side	0.070	0.070	0.157	0.157	0.227	0.227	0.267	0.090	0.163	0.163	0.038	0.016	0.514	0.420	0.285	0.333	0.436	
		0.288	24.50	20.30	20.30		0.302	23.80	19.90	19.90	Back Side	0.132	0.132	0.117	0.117	0.229	0.229	0.833	0.114	0.327	0.327	0.095	0.035	0.872	0.356	0.334	0.446	0.651	
		0.000	24.50	20.30	20.30		0.664	23.80	19.90	19.90	Left Edge	0.000	0.000	0.215	0.215	0.215	0.215	0.398	0.095	0.420	0.420	0.095	0.095	0.623	0.655	0.221	0.227	0.641	
		0.276	24.50	20.30	20.30		0.000	23.80	19.90	19.90	Right Edge	0.119	0.119	0.000	0.000	0.119	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.119	0.119	0.119	0.119
		0.000	24.50	20.30	20.30		0.000	23.80	19.90	19.90	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.033	0.456	0.654	0.077	0.133	0.657	
		0.000	24.50	20.30	20.30		0.000	23.80	19.90	19.90	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC 2A+3A	Arel.4	0.189	22.40	19.50	19.50	Arel.0	0.224	25.00	23.50	23.50	Front Side	0.087	0.087	0.159	0.159	0.226	0.226	0.267	0.090	0.163	0.163	0.038	0.016	0.543	0.449	0.294	0.332	0.465	
		0.232	22.40	19.50	19.50		0.332	25.00	23.50	23.50	Back Side	0.119	0.119	0.225	0.225	0.354	0.354	0.833	0.114	0.327	0.327	0.095	0.035	0.987	0.681	0.449	0.553	0.776	
		0.000	22.40	19.50	19.50		0.146	25.00	23.50	23.50	Left Edge	0.000	0.000	0.103	0.103	0.103	0.103	0.398	0.095	0.420	0.420	0.095	0.095	0.501	0.523	0.109	0.115	0.530	

		0.116	22.40	19.50	19.50		0.128	25.00	23.50	23.50	Right Edge	0.001	0.001	0.001	0.001	0.102	0.102	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.102	0.102	0.102	0.102	0.102	0.102
		0.300	22.40	19.50	19.50		0.000	25.00	23.50	23.50	Top Edge	0.154	0.154	0.000	0.000	0.154	0.154	0.456	0.130	0.654	0.654	0.077	0.003	0.610	0.618	0.221	0.287	0.287	0.621	
		0.000	22.40	19.50	19.50		0.101	25.00	23.50	23.50	Bottom Edge	0.000	0.000	0.107	0.107	0.107	0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.107	0.107	0.107	0.107
DC 75+12A	Arel.5	0.288	25.50	19.10	19.10	Arel.0	0.224	25.00	23.50	23.50	Front Side	0.105	0.105	0.159	0.159	0.263	0.263	0.287	0.090	0.163	0.163	0.008	0.016	0.550	0.456	0.301	0.359	0.472		
		0.421	23.50	19.10	19.10		0.332	25.00	23.50	23.50	Back Side	0.103	0.103	0.226	0.226	0.368	0.368	0.633	0.114	0.327	0.327	0.006	0.006	1.881	0.715	0.483	0.587	0.810		
		0.889	23.50	19.10	19.10		0.146	25.00	23.50	23.50	Left Edge	0.323	0.323	0.103	0.103	0.406	0.406	0.388	0.006	0.400	0.400	0.006	0.006	0.024	0.046	0.432	0.438	0.852		
		0.000	25.50	19.10	19.10		0.128	25.00	23.50	23.50	Right Edge	0.000	0.000	0.091	0.091	0.091	0.091	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.091	0.091	0.091	0.091	
		0.000	25.50	19.10	19.10		0.000	25.00	23.50	23.50	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.456	0.654	0.077	0.133	0.667		
		0.000	25.50	19.10	19.10		0.101	25.00	23.50	23.50	Bottom Edge	0.000	0.000	0.107	0.107	0.107	0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.107	0.107	0.107	0.107
DC 75+12A	Arel.4	0.189	22.40	19.50	19.50	Arel.1	0.215	24.80	22.50	22.50	Front Side	0.087	0.087	0.127	0.127	0.224	0.224	0.287	0.090	0.163	0.163	0.008	0.016	0.511	0.417	0.292	0.330	0.431		
		0.222	22.40	19.50	19.50		0.369	24.80	22.50	22.50	Back Side	0.119	0.119	0.217	0.217	0.306	0.306	0.633	0.114	0.327	0.327	0.006	0.006	0.963	0.683	0.431	0.546	0.759		
		0.000	22.40	19.50	19.50		0.000	24.80	22.50	22.50	Left Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.006	0.400	0.400	0.006	0.006	0.388	0.600	0.006	0.012	0.606		
		0.118	22.40	19.50	19.50		0.322	24.80	22.50	22.50	Right Edge	0.061	0.061	0.207	0.207	0.268	0.268	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.268	0.268	0.268	0.268	
		0.300	22.40	19.50	19.50		0.000	24.80	22.50	22.50	Top Edge	0.154	0.154	0.000	0.000	0.154	0.154	0.456	0.130	0.654	0.654	0.077	0.003	0.610	0.618	0.221	0.287	0.621		
		0.000	22.40	19.50	19.50		0.000	24.80	22.50	22.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
DC 75+12A	Arel.5	0.288	25.50	19.10	19.10	Arel.1	0.215	24.80	22.50	22.50	Front Side	0.105	0.105	0.127	0.127	0.221	0.221	0.287	0.090	0.163	0.163	0.008	0.016	0.518	0.424	0.299	0.337	0.440		
		0.421	23.50	19.10	19.10		0.369	24.80	22.50	22.50	Back Side	0.103	0.103	0.217	0.217	0.370	0.370	0.633	0.114	0.327	0.327	0.006	0.006	1.003	0.687	0.465	0.579	0.792		
		0.889	23.50	19.10	19.10		0.000	24.80	22.50	22.50	Left Edge	0.323	0.323	0.000	0.000	0.323	0.323	0.388	0.006	0.400	0.400	0.006	0.006	0.721	0.743	0.339	0.335	0.749		



		0.00	25.50	19.10	19.10	Ridge Edge 10mm	0.302	24.80	22.50	22.50	0.000	0.000	0.207	0.207	0.207	0.207	0.000	0.000	0.000	0.000	0.000	0.000	0.307	0.307	0.307	0.307	0.307	0.307
		0.000	25.50	19.10	19.10		0.000	24.80	22.50	22.50	Top Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.664	0.664	0.077	0.003	0.456	0.664	0.077	0.133	0.667
		0.000	25.50	19.10	19.10		0.000	24.80	22.50	22.50	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC 79465A	Avt.1	0.195	21.10	21.30	21.30	Avt.0	0.208	25.00	18.50	18.50	Front Side 10mm	0.204	0.204	0.047	0.047	0.251	0.251	0.287	0.090	0.163	0.163	0.038	0.016	0.538	0.444	0.239	0.237	0.460
		0.247	21.10	21.30	21.30		0.378	25.00	18.50	18.50	Back Side 10mm	0.208	0.208	0.065	0.065	0.343	0.343	0.033	0.114	0.327	0.327	0.005	0.005	0.016	0.070	0.438	0.502	0.705
		0.000	21.10	21.30	21.30		0.001	25.00	18.50	18.50	Left Edge 10mm	0.000	0.000	0.007	0.007	0.007	0.007	0.388	0.006	0.420	0.420	0.006	0.006	0.405	0.427	0.013	0.019	0.431
		0.437	21.10	21.30	21.30		0.087	25.00	18.50	18.50	Right Edge 10mm	0.530	0.530	0.019	0.019	0.540	0.540	0.000	0.000	0.000	0.000	0.000	0.000	0.540	0.540	0.540	0.540	0.540
		0.000	21.10	21.30	21.30		0.000	25.00	18.50	18.50	Top Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.664	0.664	0.077	0.003	0.456	0.664	0.077	0.133	0.667
		0.000	21.10	21.30	21.30		0.402	25.00	18.50	18.50	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC 79465A	Avt.5	0.288	25.50	19.10	19.10	Avt.0	0.208	25.00	18.50	18.50	Front Side 10mm	0.195	0.195	0.047	0.047	0.151	0.151	0.287	0.090	0.163	0.163	0.038	0.016	0.438	0.344	0.189	0.257	0.360
		0.421	25.50	19.10	19.10		0.378	25.00	18.50	18.50	Back Side 10mm	0.153	0.153	0.065	0.065	0.227	0.227	0.033	0.114	0.327	0.327	0.005	0.005	0.016	0.064	0.332	0.446	0.619
		0.888	25.50	19.10	19.10		0.001	25.00	18.50	18.50	Left Edge 10mm	0.323	0.323	0.007	0.007	0.330	0.330	0.388	0.006	0.420	0.420	0.006	0.006	0.728	0.750	0.336	0.342	0.756
		0.000	25.50	19.10	19.10		0.087	25.00	18.50	18.50	Right Edge 10mm	0.000	0.000	0.019	0.019	0.019	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.019	0.019	0.019	0.019
		0.000	25.50	19.10	19.10		0.000	25.00	18.50	18.50	Top Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.664	0.664	0.077	0.003	0.456	0.664	0.077	0.133	0.667
		0.000	25.50	19.10	19.10		0.402	25.00	18.50	18.50	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC 79465A	Avt.1	0.195	21.10	21.30	21.30	Avt.4	0.146	23.20	19.10	19.10	Front Side 10mm	0.204	0.204	0.027	0.027	0.261	0.261	0.287	0.090	0.163	0.163	0.038	0.016	0.548	0.454	0.239	0.237	0.470
		0.247	21.10	21.30	21.30		0.189	23.20	19.10	19.10	Back Side 10mm	0.209	0.209	0.074	0.074	0.332	0.332	0.033	0.114	0.327	0.327	0.005	0.005	0.065	0.069	0.427	0.541	0.754
		0.000	21.10	21.30	21.30		0.000	23.20	19.10	19.10	Left Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.006	0.420	0.420	0.006	0.006	0.368	0.420	0.006	0.012	0.436

DC_79A-65A	Avt.5	0.457	21.10	21.30	21.30	Avt.4	0.141	23.20	19.10	19.10	Right Edge 10mm	0.020	0.020	0.025	0.025	0.025	0.025	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.025	0.025	0.025	0.025	0.025		
		0.000	21.10	21.30	21.30		0.198	23.20	19.10	19.10	Top Edge 10mm	0.000	0.000	0.027	0.027	0.027	0.027	0.027	0.456	0.130	0.654	0.654	0.077	0.023	0.033	0.241	0.154	0.210	0.210	0.244	
		0.000	21.10	21.30	21.30		0.000	23.20	19.10	19.10	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_10A-65A	Avt.5	0.288	25.50	19.10	19.10	Avt.4	0.146	23.20	19.10	19.10	Front Side 10mm	0.105	0.105	0.057	0.057	0.161	0.161	0.267	0.090	0.163	0.163	0.028	0.016	0.448	0.254	0.199	0.207	0.270	0.270		
		0.421	23.50	19.10	19.10		0.189	23.20	19.10	19.10	Back Side 10mm	0.103	0.103	0.074	0.074	0.226	0.226	0.633	0.114	0.327	0.327	0.026	0.026	0.803	0.303	0.321	0.435	0.435	0.435		
		0.889	25.50	19.10	19.10		0.000	23.20	19.10	19.10	Left Edge 10mm	0.323	0.323	0.000	0.000	0.323	0.323	0.388	0.026	0.420	0.420	0.026	0.026	0.721	0.243	0.329	0.335	0.335	0.335	0.335	
		0.000	25.50	19.10	19.10		0.141	23.20	19.10	19.10	Right Edge 10mm	0.000	0.000	0.025	0.025	0.025	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	25.50	19.10	19.10		0.198	23.20	19.10	19.10	Top Edge 10mm	0.000	0.000	0.027	0.027	0.027	0.027	0.456	0.130	0.654	0.654	0.077	0.023	0.033	0.241	0.154	0.210	0.210	0.244		
		0.000	25.50	19.10	19.10		0.000	23.20	19.10	19.10	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_10A-65A	Avt.0	0.224	25.50	23.50	23.50	Avt.4	0.146	23.20	19.10	19.10	Front Side 10mm	0.105	0.105	0.057	0.057	0.215	0.215	0.267	0.090	0.163	0.163	0.028	0.016	0.428	0.253	0.221	0.321	0.424			
		0.322	25.50	23.50	23.50		0.189	23.20	19.10	19.10	Back Side 10mm	0.226	0.226	0.074	0.074	0.309	0.309	0.633	0.114	0.327	0.327	0.026	0.026	0.942	0.626	0.404	0.516	0.731			
		0.146	25.50	23.50	23.50		0.000	23.20	19.10	19.10	Left Edge 10mm	0.103	0.103	0.000	0.000	0.103	0.103	0.388	0.026	0.420	0.420	0.026	0.026	0.821	0.323	0.128	0.115	0.529			
		0.128	25.50	23.50	23.50		0.141	23.20	19.10	19.10	Right Edge 10mm	0.001	0.001	0.025	0.025	0.146	0.146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.146	0.146	0.146	0.146	0.146	
		0.000	25.50	23.50	23.50		0.198	23.20	19.10	19.10	Top Edge 10mm	0.000	0.000	0.027	0.027	0.027	0.027	0.456	0.130	0.654	0.654	0.077	0.023	0.033	0.241	0.154	0.210	0.210	0.244		
		0.101	25.50	23.50	23.50		0.000	23.20	19.10	19.10	Bottom Edge 10mm	0.107	0.107	0.000	0.000	0.107	0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.107	0.107	0.107	0.107	
DC_10A-65A	Avt.1	0.215	24.80	22.50	22.50	Avt.4	0.146	23.20	19.10	19.10	Front Side 10mm	0.127	0.127	0.057	0.057	0.183	0.183	0.267	0.090	0.163	0.163	0.028	0.016	0.420	0.226	0.221	0.289	0.332			
		0.369	24.80	22.50	22.50		0.189	23.20	19.10	19.10	Back Side 10mm	0.217	0.217	0.074	0.074	0.261	0.261	0.633	0.114	0.327	0.327	0.026	0.026	0.824	0.618	0.386	0.520	0.713			
		0.000	24.80	22.50	22.50		0.000	23.20	19.10	19.10	Left Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.026	0.420	0.420	0.026	0.026	0.328	0.420	0.026	0.012	0.426			

		0.302	24.80	22.50	22.50				Right Edge	0.207	0.207	0.005	0.005	0.302	0.302	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.302	0.302	0.302	0.302	0.302	0.302		
		0.000	24.80	22.50	22.50				0.198	23.20	19.10	19.10	Top Edge	0.000	0.000	0.077	0.077	0.077	0.077	0.456	0.130	0.654	0.654	0.077	0.003	0.033	0.741	0.154	0.210	0.744	
		0.000	24.80	22.50	22.50				0.000	23.20	19.10	19.10	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DC_10A-65A	Ant.0	0.024	25.50	23.50	23.50				Front Side	0.159	0.159	0.157	0.157	0.315	0.315	0.267	0.090	0.163	0.163	0.008	0.016	0.602	0.058	0.320	0.421	0.534					
		0.302	24.80	23.50	23.50				0.302	23.80	19.50	19.50	Back Side	0.226	0.226	0.117	0.117	0.302	0.302	0.033	0.114	0.327	0.327	0.005	0.005	0.885	0.079	0.447	0.561	0.714	
		0.146	25.50	23.50	23.50				0.664	23.80	19.50	19.50	Left Edge	0.103	0.103	0.215	0.215	0.318	0.318	0.388	0.006	0.420	0.420	0.006	0.006	0.716	0.728	0.324	0.330	0.744	
		0.129	25.50	23.50	23.50				0.000	23.80	19.50	19.50	Right Edge	0.091	0.091	0.000	0.000	0.091	0.091	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.091	0.091	0.091	0.091	0.091
		0.000	25.50	23.50	23.50				0.000	23.80	19.50	19.50	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.456	0.664	0.077	0.133	0.667	
		0.101	25.50	23.50	23.50				0.000	23.80	19.50	19.50	Bottom Edge	0.107	0.107	0.000	0.000	0.107	0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	0.107	0.107	0.107
DC_10A-65A	Ant.1	0.215	24.80	22.50	22.50				Front Side	0.127	0.127	0.157	0.157	0.283	0.283	0.267	0.090	0.163	0.163	0.008	0.016	0.570	0.476	0.321	0.389	0.482					
		0.309	24.80	22.50	22.50				0.302	23.80	19.50	19.50	Back Side	0.217	0.217	0.117	0.117	0.304	0.304	0.033	0.114	0.327	0.327	0.005	0.005	0.967	0.061	0.429	0.543	0.736	
		0.000	24.80	22.50	22.50				0.664	23.80	19.50	19.50	Left Edge	0.000	0.000	0.215	0.215	0.215	0.315	0.388	0.006	0.420	0.420	0.006	0.006	0.813	0.055	0.321	0.327	0.641	
		0.302	24.80	22.50	22.50				0.000	23.80	19.50	19.50	Right Edge	0.207	0.207	0.000	0.000	0.207	0.207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.207	0.207	0.207	0.207
		0.000	24.80	22.50	22.50				0.000	23.80	19.50	19.50	Top Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.456	0.130	0.654	0.654	0.077	0.003	0.456	0.664	0.077	0.133	0.667	
		0.000	24.80	22.50	22.50				0.000	23.80	19.50	19.50	Bottom Edge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note:  
1: The Highest Summed by SAR is 1.021 W/kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

## 13 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY6	16.0.0.116	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1208	2021/07/05	2024/07/05
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2021/05/17	2024/05/17
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2021/05/17	2024/05/17
1900MHz Validation Dipole	Speag	D1900V2	SN: 5d193	2021/05/20	2024/05/20
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2021/05/19	2024/05/19
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2021/05/19	2024/05/19
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2021/05/18	2024/05/18
E-Field Probe	Speag	EX3DV4	SN: 7607	2023/07/04	2024/07/04
Data Acquisition Electronicsr	Speag	DAE4	SN: 878	2023/03/23	2024/03/23
Data Acquisition Electronicsr	Speag	DAE4	SN: 1710	2024/01/03	2025/01/03
Signal Generator	R&S	SMB100A	177746	2023/05/10	2024/05/10
Power Meter	R&S	NRVD-B2	835843/014	2023/09/05	2024/09/05
Power Sensor	R&S	NRV-Z4	100381	2023/09/05	2024/09/05
Power Sensor	R&S	NRV-Z2	100211	2023/09/05	2024/09/05
Wireless Communication Test Set	Anritsu	MT8820C	6201144551	2023/06/29	2024/06/29
Network Analyzer	Agilent	E5071C	MY46103472	2023/11/14	2024/11/14
Thermometer	Elitech	RC-4	EF5238001628	2023/10/09	2024/10/09
Thermometer	Elitech	RC-4HC	EF7239002652	2023/11/17	2024/11/17
Power Amplifier	SATIMO	6552B	22374	N/A	N/A
Dielectric Probe Kit	Speag	DAK3.5	SN: 1312	N/A	N/A
Phantom	Speag	SAM	SN: 1859	N/A	N/A
Attenuator	COM-MW	ZA-S1-31	1305003187	N/A	N/A
Directional coupler	AA-MCS	AAMCS-UDC	000272	N/A	N/A

Note: For dipole antennas, BALUN has adopted 3 years as calibration intervals, and on annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss in within 20% of calibrated measurement.
4. Impedance (real or imaginary parts) in within 5 Ohms of calibrated measurement.

## ANNEX A SIMULATING LIQUID VERIFICATION RESULT

The dielectric parameters of the liquids were verified prior to the SAR evaluation using a DAK3.5 Dielectric Probe Kit.

Head Liquid

Date	Liquid Type	Fre. (MHz)	Temp. (°C)	Meas. Conductivity ( $\sigma$ ) (S/m)	Meas. Permittivity ( $\epsilon$ )	Target Conductivity ( $\sigma$ ) (S/m)	Target Permittivity ( $\epsilon$ )	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2024.02.23	Head	750	21.6	41.61	0.89	0.89	41.94	3.37	-2.46
2024.02.24	Head	750	21.7	42.15	0.91	0.89	41.94	2.25	-2.67
2024.02.25	Head	750	21.3	41.81	0.91	0.89	41.94	1.12	-2.38
2024.02.26	Head	835	21.8	41.06	0.90	0.90	41.50	-2.22	1.88
2024.02.27	Head	835	21.4	42.64	0.90	0.90	41.50	1.11	0.36
2024.02.28	Head	835	21.9	41.05	0.92	0.90	41.50	-2.22	2.60
2024.02.29	Head	835	21.9	40.53	0.88	0.90	41.50	0.00	-1.01
2024.03.01	Head	1750	21.8	39.54	1.38	1.37	40.08	1.46	-0.45
2024.03.02	Head	1750	21.9	39.61	1.35	1.37	40.08	2.92	-3.32
2024.03.03	Head	1750	21.9	39.69	1.39	1.37	40.08	0.00	0.47
2024.03.04	Head	1750	21.8	41.03	1.40	1.37	40.08	1.46	-0.80
2024.03.05	Head	1900	21.6	40.31	1.38	1.40	40.00	0.71	-1.60
2024.03.06	Head	1900	21.4	41.03	1.36	1.40	40.00	2.86	1.33
2024.03.07	Head	2450	21.9	38.16	1.83	1.80	39.20	3.33	-0.05
2024.03.08	Head	2600	21.5	38.27	1.92	1.96	39.01	2.04	-1.41
2024.03.09	Head	2600	21.7	39.78	1.91	1.96	39.01	1.53	-1.90
2024.03.10	Head	2600	21.4	38.85	2.01	1.96	39.01	0.00	-0.74
2024.03.11	Head	2600	21.7	39.97	1.93	1.96	39.01	3.57	-1.15
2024.03.12	Head	2600	21.6	39.81	1.95	1.96	39.01	0.51	2.20
2024.03.13	Head	2600	21.7	39.54	2.00	1.96	39.01	1.02	1.05
2024.03.14	Head	2600	21.6	39.33	1.99	1.96	39.01	2.35	-1.68
2024.03.15	Head	2600	21.6	40.03	1.92	1.96	39.01	-1.28	-1.13
2024.03.16	Head	2600	21.4	38.59	1.95	1.96	39.01	0.34	2.11
2024.03.17	Head	2600	21.5	38.39	1.93	1.96	39.01	2.51	-1.27
2024.03.18	Head	2600	21.5	38.65	1.96	1.96	39.01	-3.51	0.66
2024.03.19	Head	2600	21.5	39.34	1.98	1.96	39.01	-0.34	0.01
2024.03.20	Head	5250	21.9	35.54	4.77	4.71	35.93	-0.03	-1.64
2024.03.21	Head	5600	21.8	35.62	4.99	5.07	35.53	-1.13	-2.39
2024.03.22	Head	5750	21.8	35.79	5.07	5.22	35.36	0.48	2.08
2024.04.10	Head	2600	21.3	2.02	38.89	1.96	39.01	3.06	-0.31

Note: The tolerance limit of Conductivity and Permittivity is  $\pm 5\%$ .

## ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within its specification of 10 %(for 1 g).

Head liquid 1g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2024.02.23	Head	750	100	0.87	8.65	8.51	1.65
2024.02.24	Head	750	100	0.87	8.74	8.51	2.70
2024.02.25	Head	750	100	0.87	8.68	8.51	2.00
2024.02.26	Head	835	100	0.98	9.81	9.76	0.51
2024.02.27	Head	835	100	0.99	9.85	9.76	0.92
2024.02.28	Head	835	100	0.97	9.72	9.76	-0.41
2024.02.29	Head	835	100	0.98	9.82	9.76	0.61
2024.03.01	Head	1750	100	3.66	36.60	36.70	-0.27
2024.03.02	Head	1750	100	3.73	37.30	36.70	1.63
2024.03.03	Head	1750	100	3.73	37.30	36.70	1.63
2024.03.04	Head	1750	100	3.69	36.90	36.70	0.55
2024.03.05	Head	1900	100	4.24	42.40	40.30	5.21
2024.03.06	Head	1900	100	4.02	40.20	40.30	-0.25
2024.03.07	Head	2450	100	5.42	54.20	53.00	2.26
2024.03.08	Head	2600	100	5.77	57.70	56.80	1.58
2024.03.09	Head	2600	100	5.72	57.20	56.80	0.70
2024.03.10	Head	2600	100	5.85	58.50	56.80	2.99
2024.03.11	Head	2600	100	5.86	58.60	56.80	3.17
2024.03.12	Head	2600	100	5.85	58.50	56.80	2.99
2024.03.13	Head	2600	100	5.73	57.30	56.80	0.88
2024.03.14	Head	2600	100	5.73	57.30	56.80	0.88
2024.03.15	Head	2600	100	5.93	59.30	56.80	4.40
2024.03.16	Head	2600	100	5.75	57.50	56.80	1.23
2024.03.17	Head	2600	100	5.99	59.90	56.80	5.46
2024.03.18	Head	2600	100	5.91	59.10	56.80	4.05
2024.03.19	Head	2600	100	5.83	58.30	56.80	2.64
2024.03.20	Head	5250	100	7.71	77.10	77.80	-0.90
2024.03.21	Head	5600	100	7.72	77.20	81.20	-4.93
2024.03.22	Head	5750	100	7.93	79.30	77.20	2.72
2024.04.10	Head	2600	100	5.68	56.80	56.80	0.00

Note: The tolerance limit of System validation  $\pm 10\%$ .

## Head liquid 10g

Date	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2024.03.07	2450	100	2.29	22.90	24.10	-4.98
2024.03.08	2600	100	2.57	25.70	24.80	3.63
2024.03.09	2600	100	2.62	26.20	24.80	5.65
2024.03.10	2600	100	2.56	25.60	24.80	3.23
2024.03.11	2600	100	2.56	25.60	24.80	3.23
2024.03.12	2600	100	2.54	25.40	24.80	2.42
2024.03.13	2600	100	2.46	24.60	24.80	-0.81
2024.03.14	2600	100	2.41	24.10	24.80	-2.82
2024.03.15	2600	100	2.52	25.20	24.80	1.61
2024.03.16	2600	100	2.44	24.40	24.80	-1.61
2024.03.17	2600	100	2.59	25.90	24.80	4.44
2024.03.18	2600	100	2.57	25.70	24.80	3.63
2024.03.19	2600	100	2.64	26.40	24.80	6.45
2024.03.20	5250	100	2.11	21.10	22.10	-4.52
2024.03.21	5600	100	2.21	22.10	23.10	-4.33
2024.03.22	5750	100	2.26	22.60	21.70	4.15
2024.04.10	2600	100	2.54	25.40	24.80	2.42

Note: The tolerance limit of System validation  $\pm 10\%$ .

# System Performance Check Data (750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD750V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD700	CW, 0--	750.0, 100	10.31	0.889	41.6	22.5	21.6

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-23	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

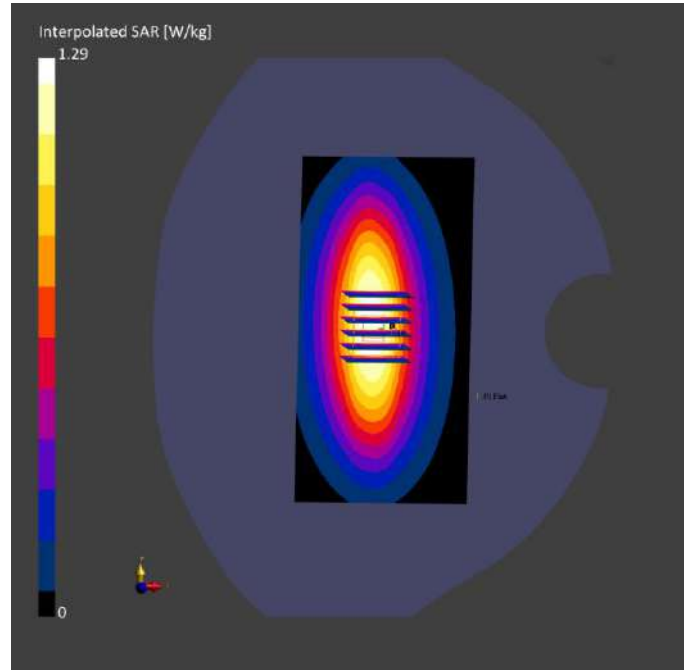
## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

## Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-23	2024-02-23
psSAR1g [W/kg]	0.855	0.865
psSAR10g [W/kg]	0.561	0.565
Power Drift [dB]	-0.06	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		86.5
Dist 3dB Peak [mm]		20.2





# System Performance Check Data (750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CD750V2, SPEAG	10.0 x 10.0 x 3.0		Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD700	CW, 0--	750.0, 100	10.31	0.906	42.2	22.2	21.7

## Hardware Setup

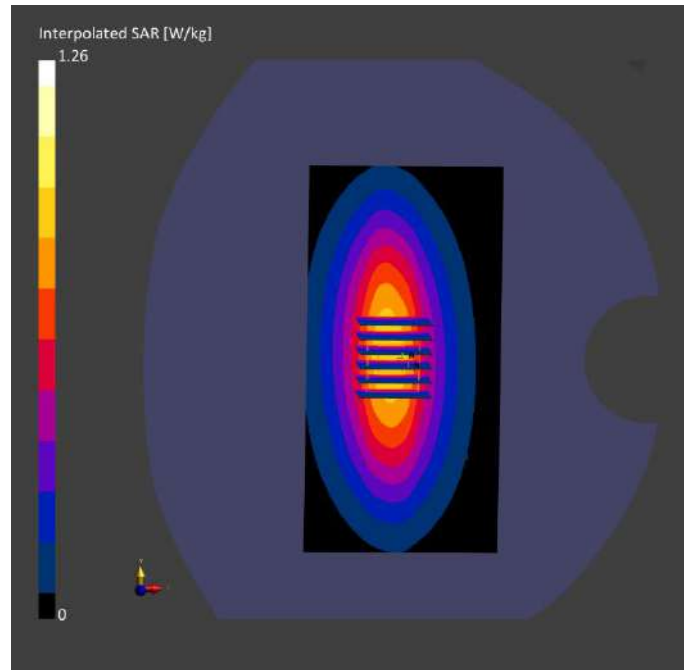
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-24	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

## Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-24	2024-02-24
psSAR1g [W/kg]	0.838	0.874
psSAR10g [W/kg]	0.552	0.583
Power Drift [dB]	-0.01	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		86.4
Dist 3dB Peak [mm]		20.1



# System Performance Check Data (750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD750V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD700	CW, 0--	750.0, 100	10.31	0.91	41.8	22.4	21.3

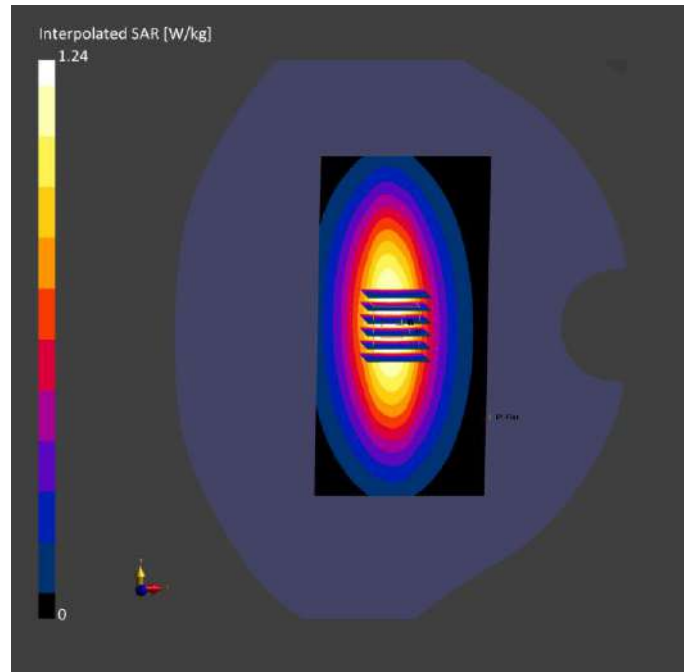
## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-25	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

## Scan Setup

## Measurement Results

	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	30.0 x 30.0 x 30.0	Date	2024-02-25	2024-02-25
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5	psSAR1g [W/kg]	0.822	0.868
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.544	0.559
Graded Grid	Yes	Yes	Power Drift [dB]	-0.16	-0.02
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		87.5
			Dist 3dB Peak [mm]		20.1



# System Performance Check Data (835MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD835V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD835	CW, 0--	835.0, 50	9.96	0.900	41.1	22.1	21.8

## Hardware Setup

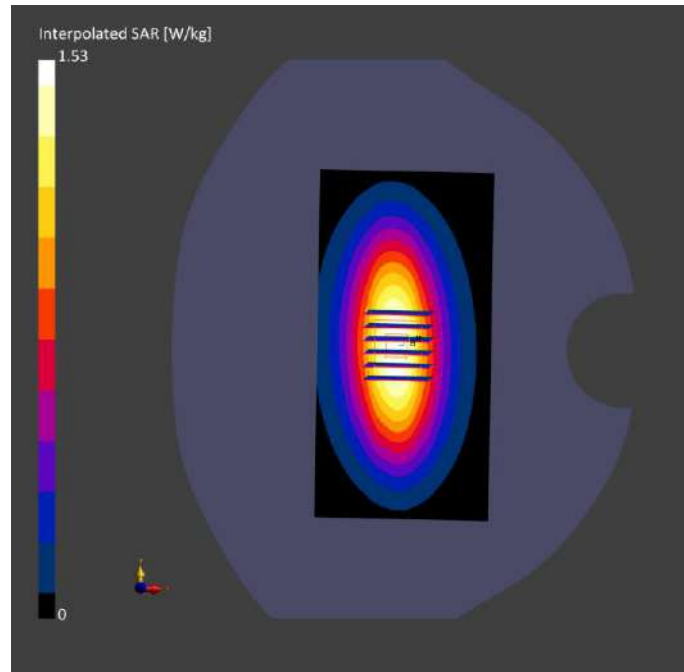
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-26	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

## Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-26	2024-02-26
psSAR1g [W/kg]	1.06	0.981
psSAR10g [W/kg]	0.643	0.646
Power Drift [dB]	-0.11	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		84.2
Dist 3dB Peak [mm]		13.1



# System Performance Check Data (835MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD835V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD835	CW, 0--	835.0, 50	9.96	0.896	42.6	22.2	21.4

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-27	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

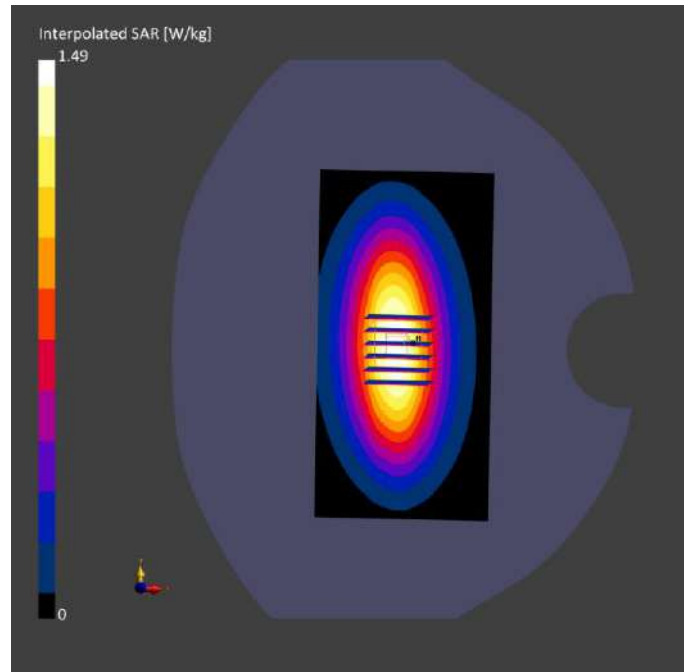
### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-27	2024-02-27
psSAR1g [W/kg]	0.977	0.985
psSAR10g [W/kg]	0.633	0.656
Power Drift [dB]	-0.12	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		85.2
Dist 3dB Peak [mm]		13.1





# System Performance Check Data (835MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD835V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD835	CW, 0--	835.0, 50	9.96	0.915	41.0	22.2	21.9

## Hardware Setup

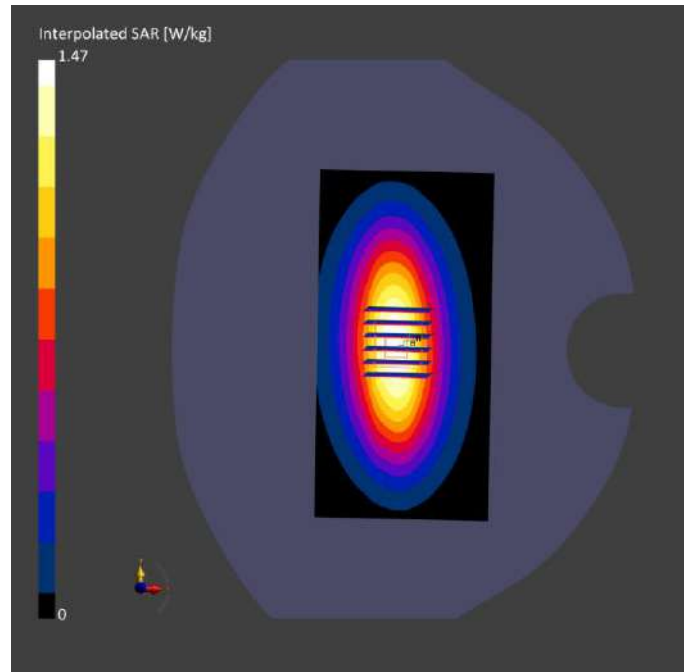
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-28	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-28	2024-02-28
psSAR1g [W/kg]	0.997	0.972
psSAR10g [W/kg]	0.656	0.638
Power Drift [dB]	-0.05	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		84.6
Dist 3dB Peak [mm]		13.1



# System Performance Check Data (835MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD835V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD835	CW, 0--	835.0, 50	9.96	0.879	40.5	22.7	21.9

## Hardware Setup

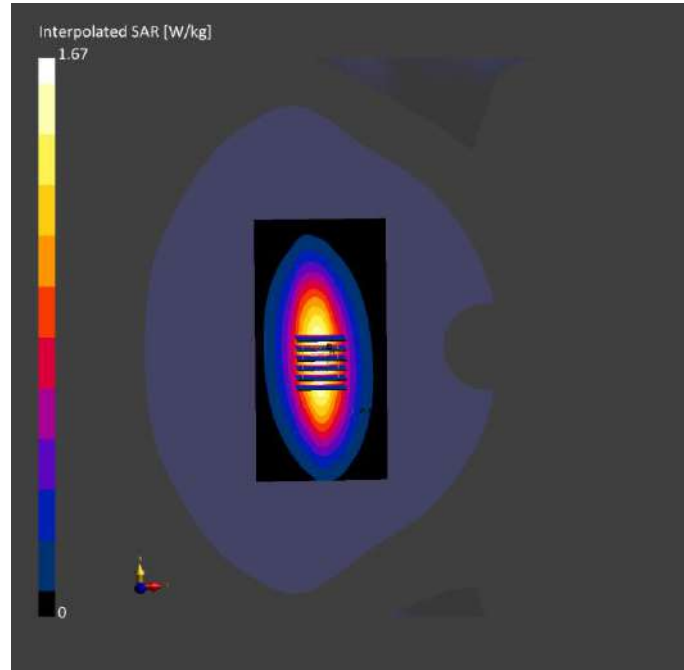
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-29	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

## Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-29	2024-02-29
psSAR1g [W/kg]	0.987	0.982
psSAR10g [W/kg]	0.655	0.642
Power Drift [dB]	-0.08	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		84.7
Dist 3dB Peak [mm]		13.5



# System Performance Check Data (1750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D1750V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		D1750	CW, 0--	1750.0, 50	8.52	1.38	39.5	22.6	21.8

## Hardware Setup

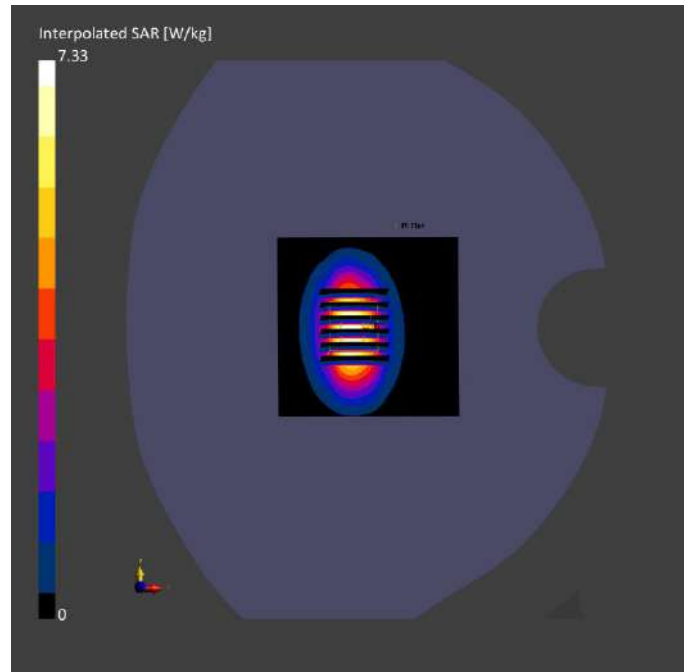
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-01	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-01	2024-03-01
psSAR1g [W/kg]	4.03	3.66
psSAR10g [W/kg]	2.26	1.93
Power Drift [dB]	-0.05	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		9.4



# System Performance Check Data (1750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D1750V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		D1750	CW, 0--	1750.0, 50	8.52	1.35	39.6	22.1	21.9

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-02	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

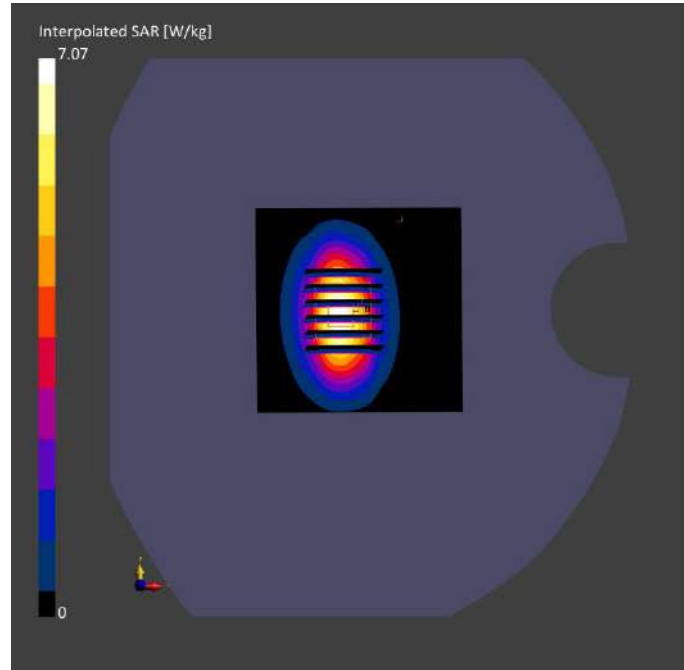
### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-02	2024-03-02
psSAR1g [W/kg]	3.76	3.73
psSAR10g [W/kg]	2.11	1.98
Power Drift [dB]	-0.06	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.1
Dist 3dB Peak [mm]		10.5





# System Performance Check Data (1750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D1750V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		D1750	CW, 0--	1750.0, 50	8.52	1.39	39.7	22.1	21.9

## Hardware Setup

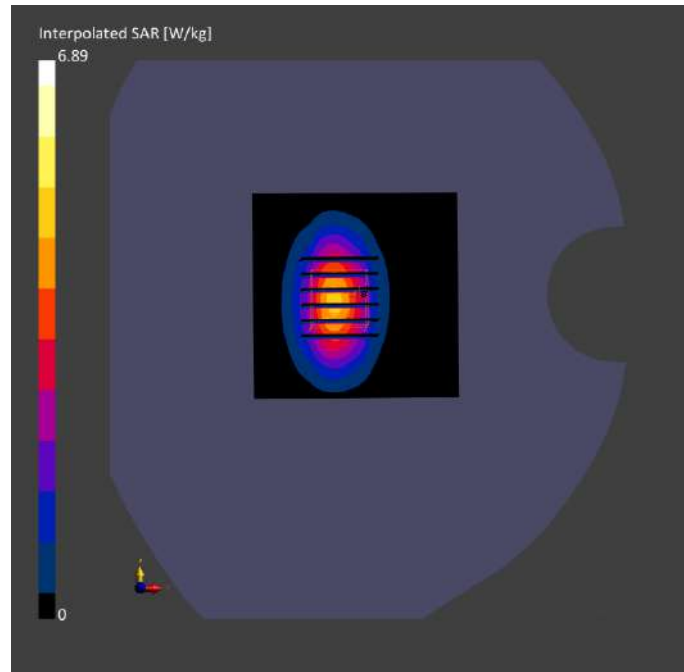
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-03	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-03	2024-03-03
psSAR1g [W/kg]	3.86	3.73
psSAR10g [W/kg]	2.22	1.87
Power Drift [dB]	-0.08	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		10.5



# System Performance Check Data (1750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D1750V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		D1750	CW, 0--	1750.0, 50	8.52	1.40	41.0	22.2	21.8

## Hardware Setup

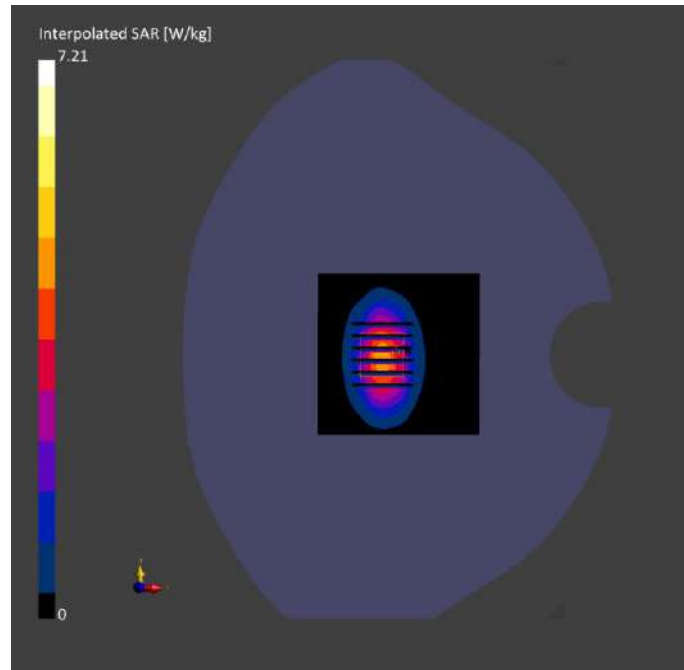
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-04	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-04	2024-03-04
psSAR1g [W/kg]	4.13	3.69
psSAR10g [W/kg]	2.17	1.94
Power Drift [dB]	-0.04	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		10.6



# System Performance Check Data (1900MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D1900V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		D1900	CW, 0--	1900.0, 50	7.98	1.38	40.3	22.1	21.6

## Hardware Setup

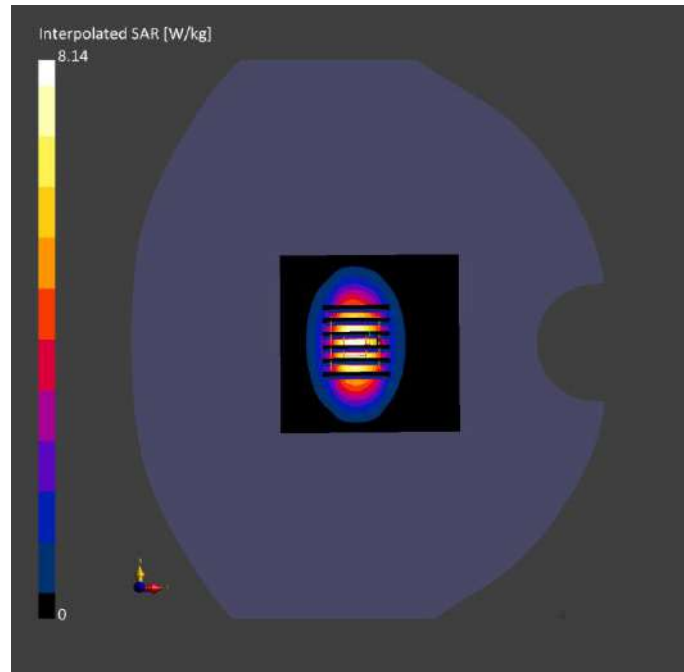
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-05	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-05	2024-03-05
psSAR1g [W/kg]	4.54	4.24
psSAR10g [W/kg]	2.38	2.05
Power Drift [dB]	-0.12	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.5
Dist 3dB Peak [mm]		9.2



# System Performance Check Data (1900MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D1900V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		D1900	CW, 0--	1900.0, 50	7.98	1.36	41.0	22.2	21.4

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-06	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

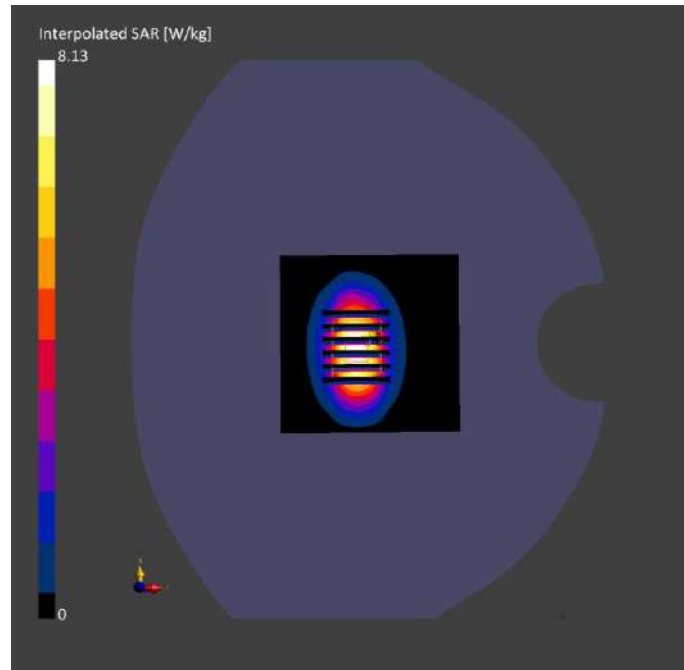
### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-06	2024-03-06
psSAR1g [W/kg]	4.06	4.02
psSAR10g [W/kg]	2.15	2.09
Power Drift [dB]	-0.01	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.8
Dist 3dB Peak [mm]		9.9





# System Performance Check Data (2450MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D2450V2, SPEAG	40.0 x 8.0 x 8.0	Dipole

## Exposure Conditions

Phantom Section	Position, TSL Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	FRONT, 5.00	D2450	CW, 0--	2450.0, 50	7.47	1.83	38.2	22.2	21.9

## Hardware Setup

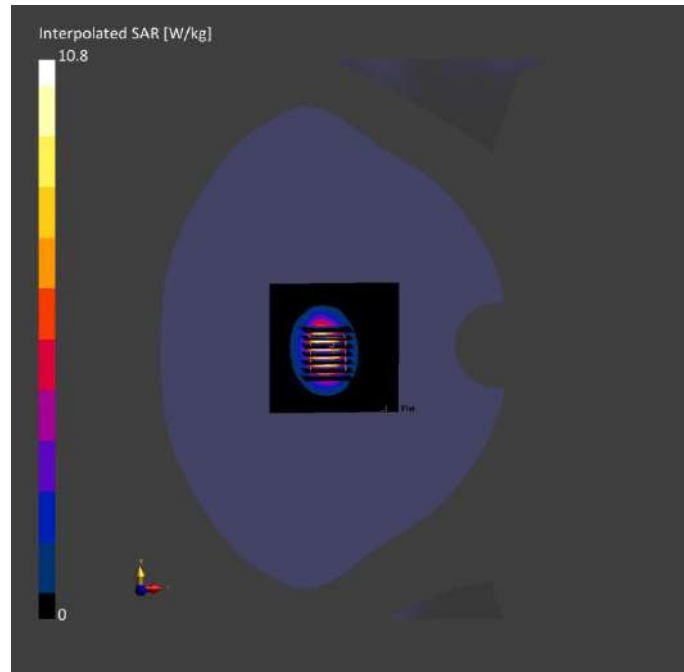
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	5.43	5.42
psSAR10g [W/kg]	2.53	2.29
Power Drift [dB]	-0.12	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.5
Dist 3dB Peak [mm]		9.2



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.92	38.3	22.3	21.5

## Hardware Setup

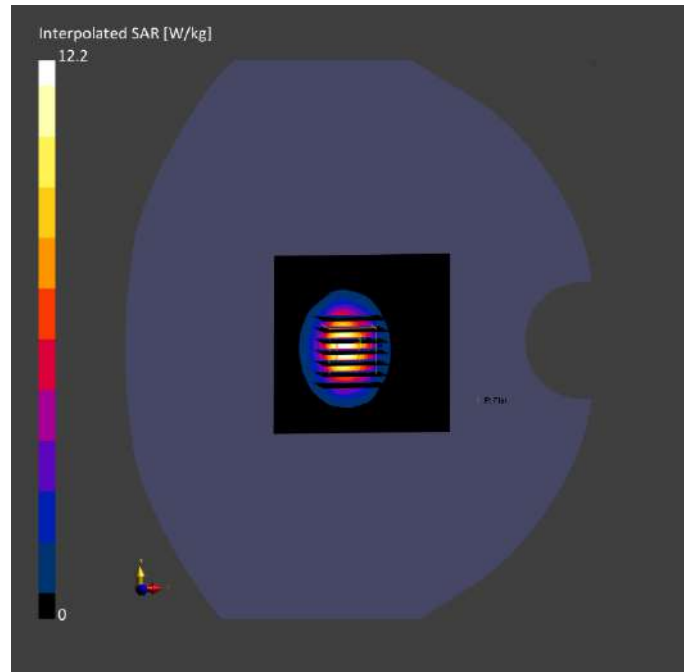
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-08	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-08	2024-03-08
psSAR1g [W/kg]	5.81	5.77
psSAR10g [W/kg]	2.56	2.57
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		9.1



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.91	39.8	22.6	21.7

## Hardware Setup

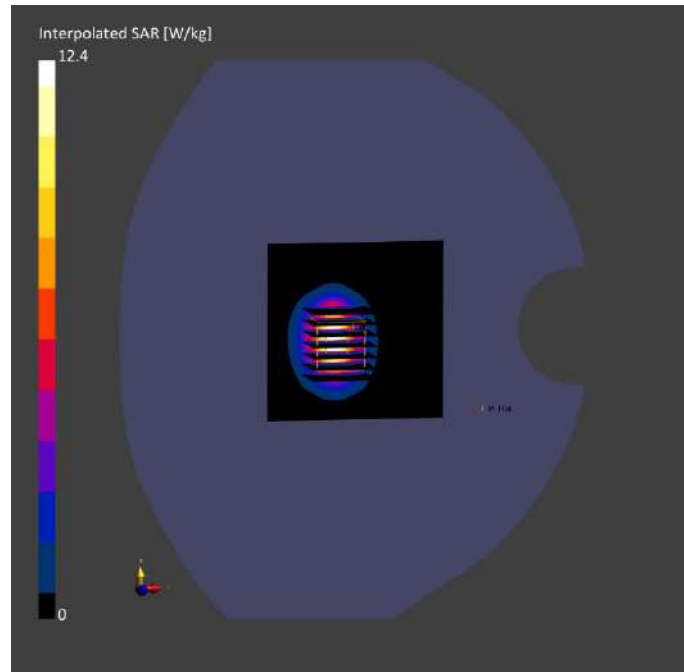
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-09	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-09	2024-03-09
psSAR1g [W/kg]	5.73	5.72
psSAR10g [W/kg]	2.54	2.62
Power Drift [dB]	0.00	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.2
Dist 3dB Peak [mm]		8.5



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	2.00	38.9	22.1	21.4

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

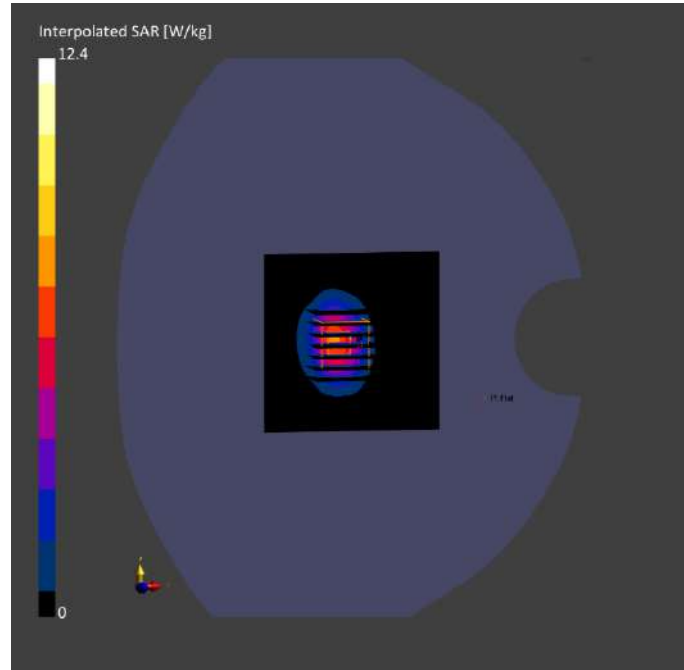
### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10	2024-03-10
psSAR1g [W/kg]	5.78	5.85
psSAR10g [W/kg]	2.57	2.56
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		9.4





# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.93	40.0	22.4	21.7

## Hardware Setup

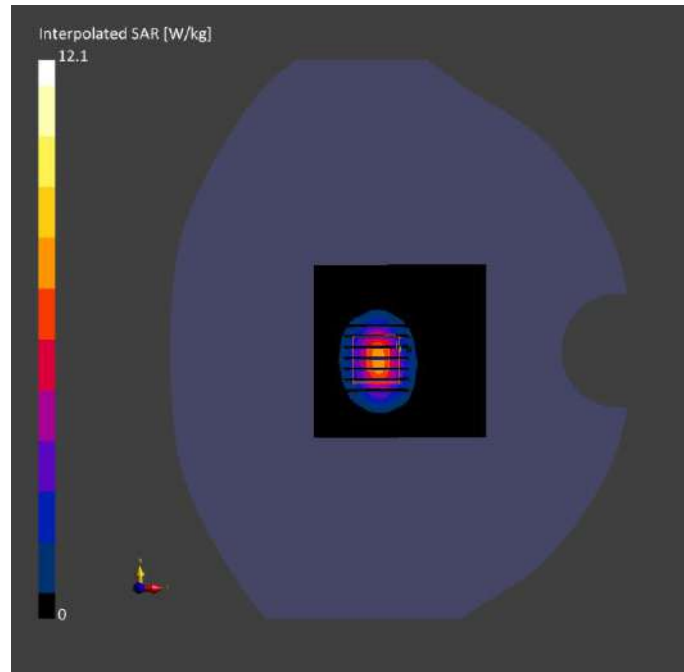
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-11	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-11	2024-03-11
psSAR1g [W/kg]	5.77	5.86
psSAR10g [W/kg]	2.49	2.56
Power Drift [dB]	0.12	-0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		9.4



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.95	39.8	22.5	21.6

## Hardware Setup

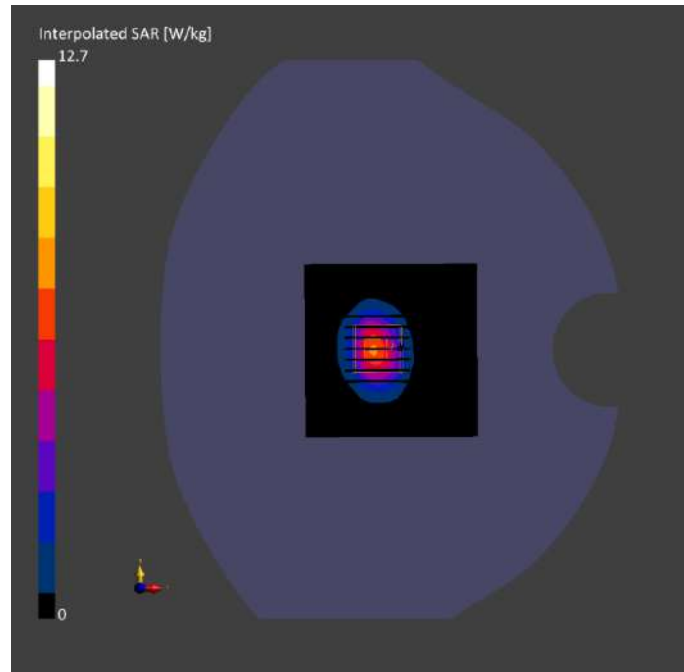
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-12	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-12	2024-03-12
psSAR1g [W/kg]	5.78	5.85
psSAR10g [W/kg]	2.67	2.54
Power Drift [dB]	0.00	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.7
Dist 3dB Peak [mm]		8.4



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	2.00	39.5	22.2	21.7

## Hardware Setup

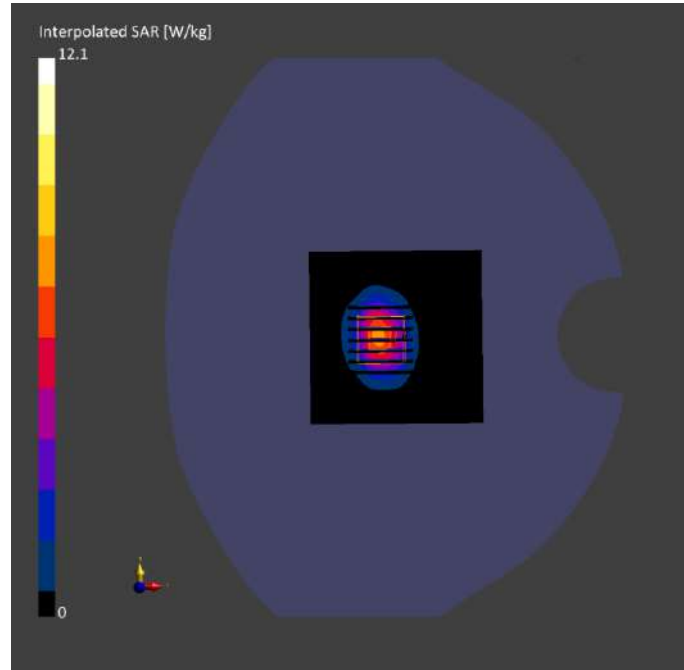
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-13	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-13	2024-03-13
psSAR1g [W/kg]	5.83	5.73
psSAR10g [W/kg]	2.73	2.46
Power Drift [dB]	0.01	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.4
Dist 3dB Peak [mm]		9.7



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600V2	CW, 0--	2600.0, 50	7.41	1.99	39.3	22.1	21.6

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-14	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

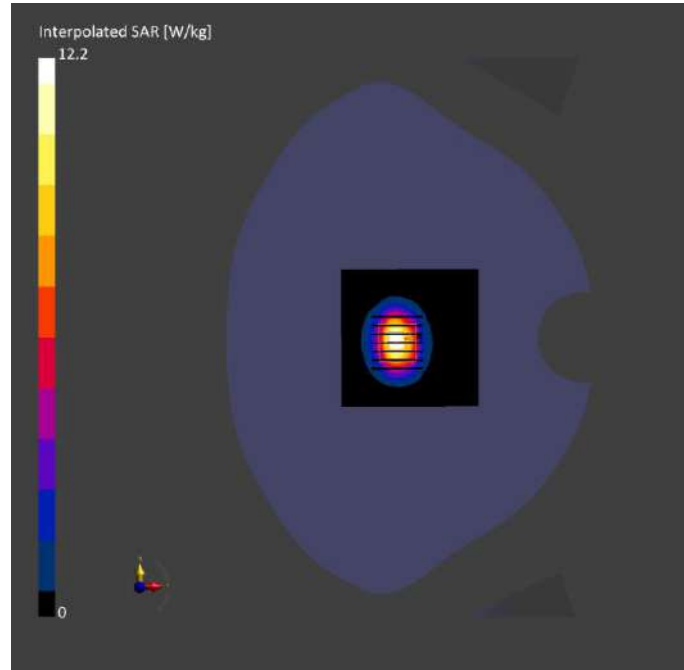
### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-14	2024-03-14
psSAR1g [W/kg]	5.68	5.73
psSAR10g [W/kg]	2.39	2.41
Power Drift [dB]	-0.07	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.8
Dist 3dB Peak [mm]		10.3





# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600V2	CW, 0--	2600.0, 50	7.41	1.92	40.0	22.3	21.6

## Hardware Setup

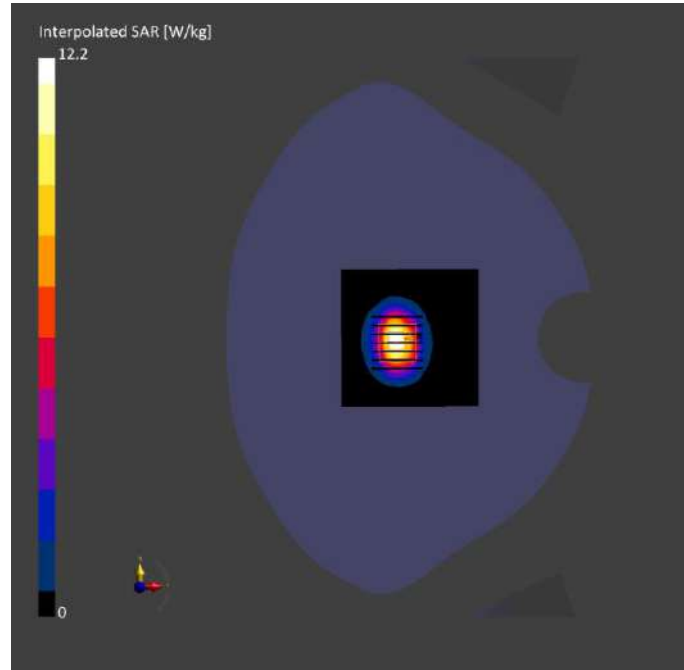
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-15	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-15	2024-03-15
psSAR1g [W/kg]	5.85	5.93
psSAR10g [W/kg]	2.49	2.52
Power Drift [dB]	0.11	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.3
Dist 3dB Peak [mm]		9.8



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.95	38.6	22.3	21.4

## Hardware Setup

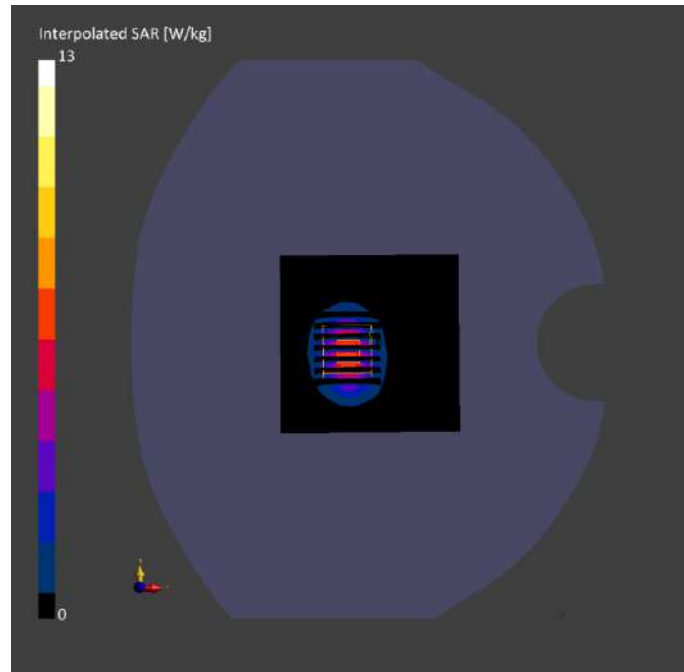
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-16	EX3DV4 - SN7607, 2022-03-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-16	2024-03-16
psSAR1g [W/kg]	5.71	5.75
psSAR10g [W/kg]	2.53	2.44
Power Drift [dB]	0.10	-0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.1
Dist 3dB Peak [mm]		9.9



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.93	38.4	22.4	21.5

## Hardware Setup

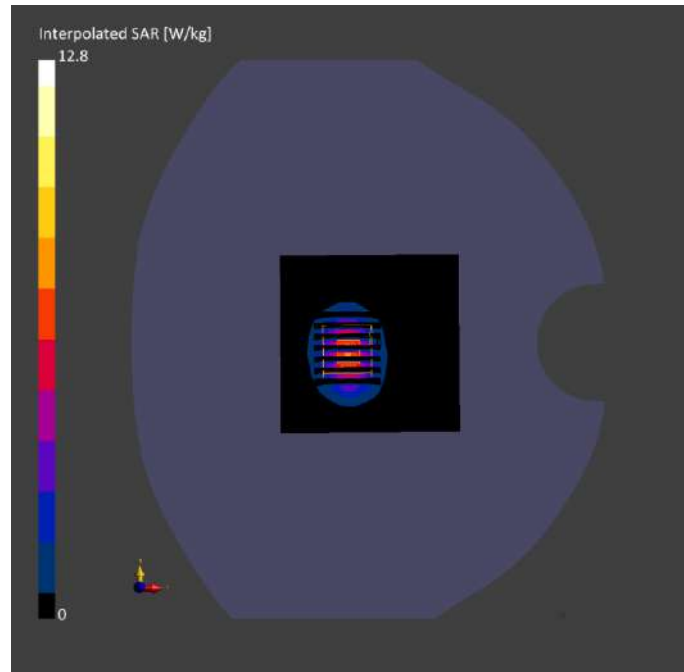
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-17	EX3DV4 - SN7607, 2022-03-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-17	2024-03-17
psSAR1g [W/kg]	5.90	5.99
psSAR10g [W/kg]	2.48	2.59
Power Drift [dB]	-0.10	-0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		9.4



# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.96	38.6	22.3	21.5

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-18	EX3DV4 - SN7607, 2022-03-04	DAE4 Sn878, 2023-03-23

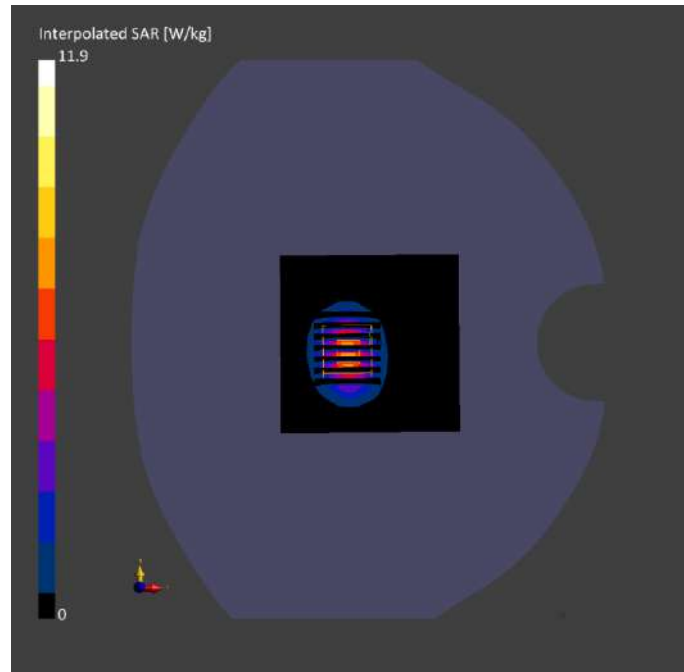
### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-18	2024-03-18
psSAR1g [W/kg]	5.80	5.91
psSAR10g [W/kg]	2.49	2.57
Power Drift [dB]	0.06	0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		9.0





# System Performance Check Data (2600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V3, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600 V3	CW, 0--	2600.0, 50	7.41	1.98	39.3	22.3	21.5

## Hardware Setup

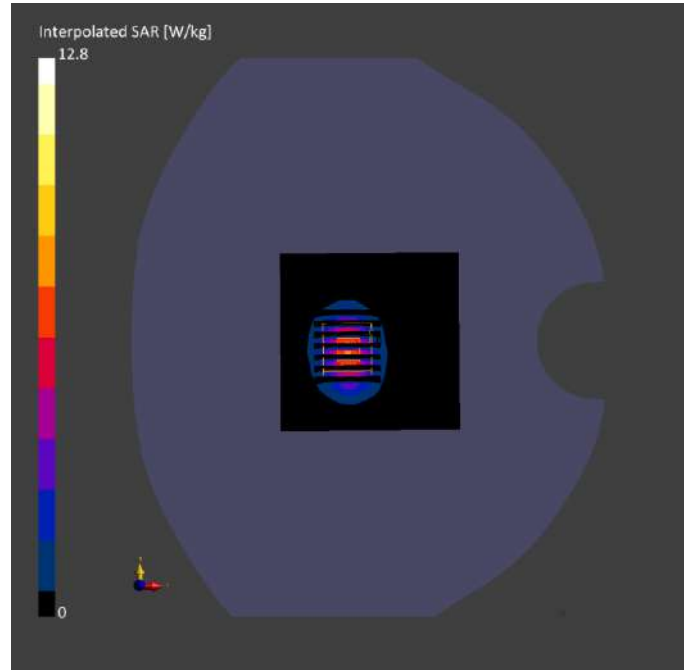
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-19	EX3DV4 - SN7607, 2022-03-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-19	2024-03-19
psSAR1g [W/kg]	5.88	5.83
psSAR10g [W/kg]	2.66	2.64
Power Drift [dB]	-0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		9.5



# System Performance Check Data (5250MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D5GHZV2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		Validation band	CW, 0--	5250.0, 5250	5.41	4.77	35.5	22.6	21.9

## Hardware Setup

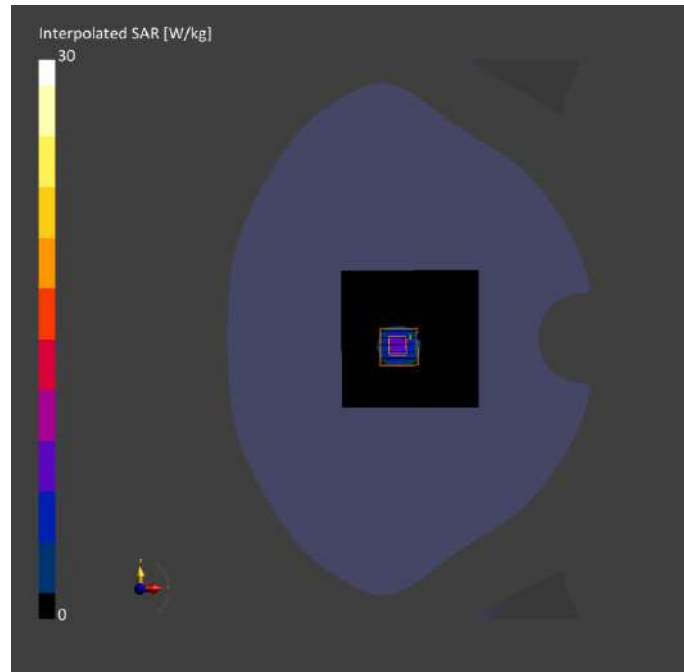
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-20	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-20	2024-03-20
psSAR1g [W/kg]	7.92	7.71
psSAR10g [W/kg]	2.17	2.11
Power Drift [dB]	0.12	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		74.5
Dist 3dB Peak [mm]		7.8



# System Performance Check Data (5600MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D5GHZV2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		Validation band	CW, 0--	5600.0, 5600	4.58	4.99	35.6	22.5	21.8

## Hardware Setup

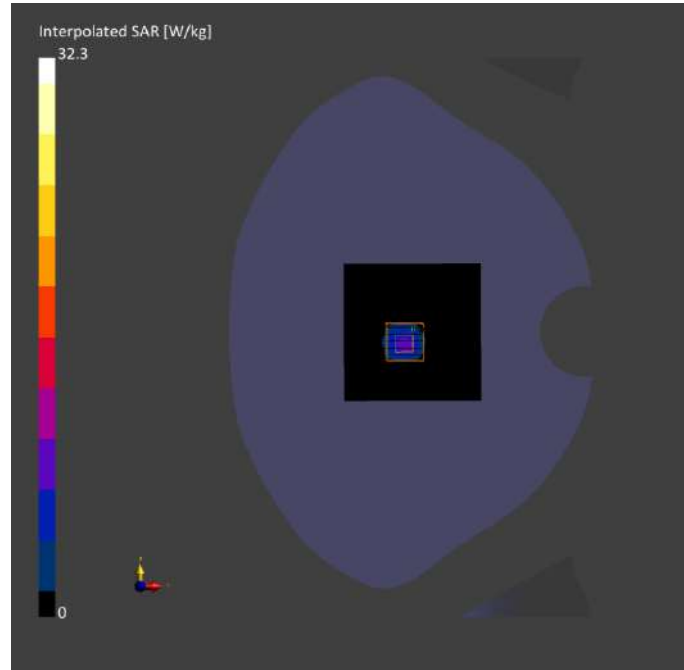
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-21	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-21	2024-03-21
psSAR1g [W/kg]	7.86	7.72
psSAR10g [W/kg]	2.28	2.21
Power Drift [dB]	0.05	0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.8
Dist 3dB Peak [mm]		7.9



# System Performance Check Data (5750MHz)

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
D5GHZV2, SPEAG	10.0 x 10.0 x 3.0	Dipole

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		Validation band	CW, 0--	5750.0, 5750	4.78	5.07	35.8	22.7	21.8

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-22	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

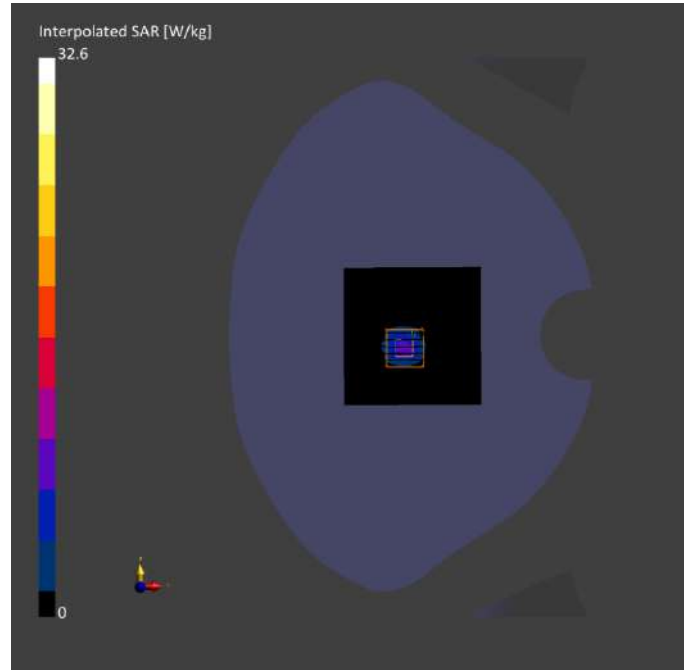
### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-22	2024-03-22
psSAR1g [W/kg]	7.98	7.93
psSAR10g [W/kg]	2.34	2.26
Power Drift [dB]	0.02	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		68.5
Dist 3dB Peak [mm]		8.1





# System Performance Check Data (2600MHz)

### Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
CD2600V2, SPEAG	10.0 x 10.0 x 3.0	Dipole

### Exposure Conditions

Phantom Section, TSL Test	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL		CD2600V2	CW, 0--	2600.0, 50	7.41	2.02	38.9	22.3	21.3

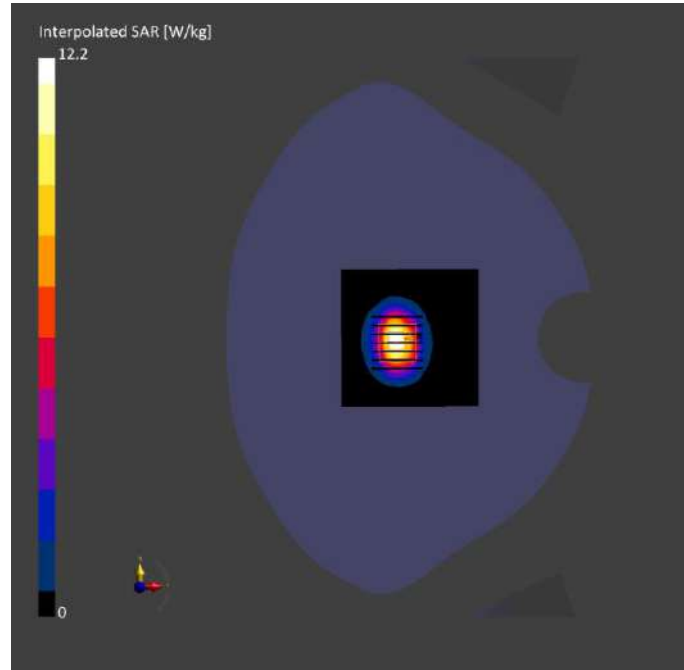
### Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-04-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn1710, 2024-01-03

### Scan Setup

### Measurement Results

	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 30.0	Date	2024-04-10	2024-04-10
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5	psSAR1g [W/kg]	5.60	5.68
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	2.28	2.54
Graded Grid	Yes	Yes	Power Drift [dB]	-0.02	-0.01
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA	N/A	N/A	Scaling Factor [dB]		
Surface Detection	VMS + 6p	VMS + 6p	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		81.7
			Dist 3dB Peak [mm]		10.2



# ANNEX C TEST DATA

## Meas.1 Left Head with Cheek on Middle Channel in GPRS850 4Slots mode with Antenna 0

### Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

### Exposure Conditions

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	GSM 850	GSM, 10028-DAC	836.6, 190	9.96	0.905	40.7	22.1	21.8

### Hardware Setup

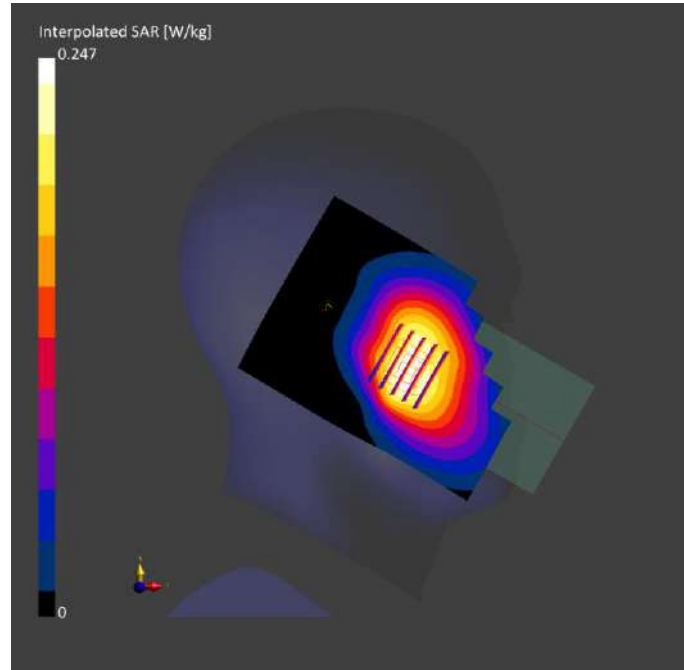
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-26	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-26	2024-02-26
psSAR1g [W/kg]	0.216	0.210
psSAR10g [W/kg]	0.147	0.167
Power Drift [dB]	-0.08	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		84.9
Dist 3dB Peak [mm]		> 16.0



**Meas.2 Body Plane with Back Side 15mm on Middle Channel in GPRS850 4Slots mode with Antenna 0 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	GSM 850	GSM, 10028-DAC	836.6, 190	9.96	0.905	40.7	22.1	21.8

**Hardware Setup**

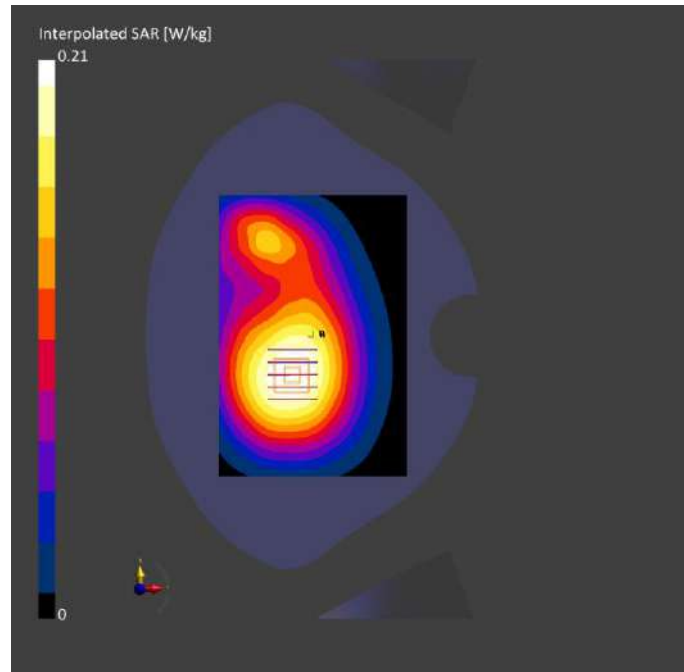
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-26	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA Surface	N/A	N/A
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-26	2024-02-26
psSAR1g [W/kg]	0.160	0.168
psSAR10g [W/kg]	0.113	0.128
Power Drift [dB]	0.03	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		> 16.0



**Meas.3 Body Plane with Back Side 10mm on Middle Channel in GPRS850 4Slots mode with Antenna 0 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	GSM 850	GSM, 10028-DAC	836.6, 190	9.96	0.905	40.7	22.1	21.8

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-26	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

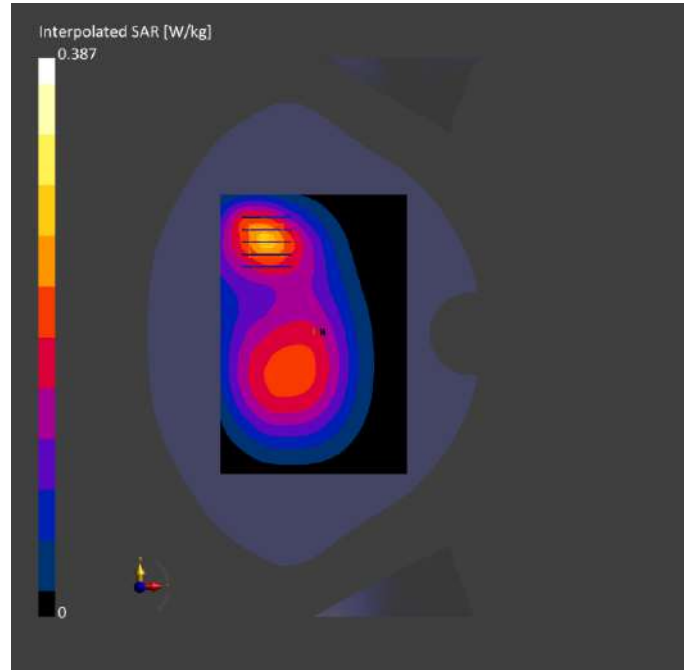
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA Surface	N/A	N/A
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-26	2024-02-26
psSAR1g [W/kg]	0.238	0.239
psSAR10g [W/kg]	0.155	0.149
Power Drift [dB]	0.18	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.2
Dist 3dB Peak [mm]		16.0





**Meas.4 Right Head with Tilt on High Channel in GPRS1900 4Slots mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	PCS 1900	GSM, 10028-	1909.8, 810	7.98	1.39	40.0	22.1	21.6
			DAC						

**Hardware Setup**

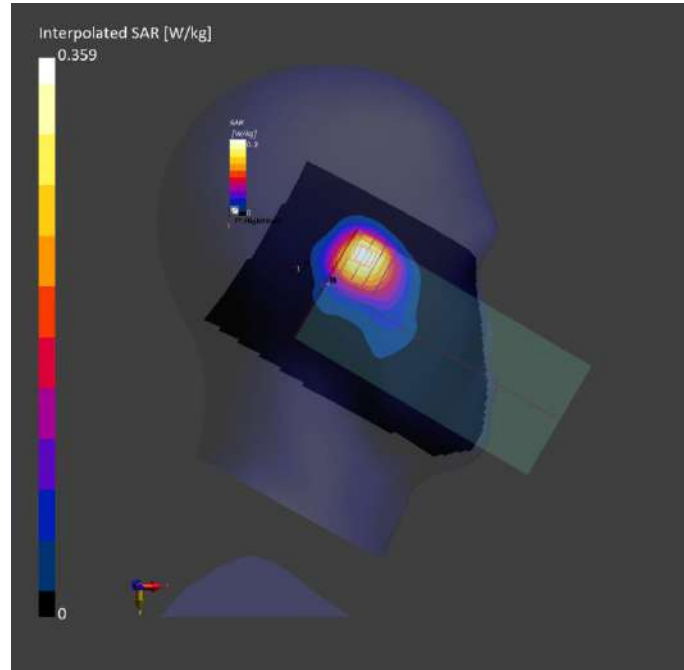
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM (30deg probe tilt) - V5.0 - 1859	HBBL-600-10000 2024-03-05	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface	VMS + 6p	All points
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-05	2024-03-05
psSAR1g [W/kg]	0.183	0.206
psSAR10g [W/kg]	0.102	0.112
Power Drift [dB]	0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		11.3



**Meas.5 Body Plane with Back Side 15mm on High Channel in GPRS1900 4Slots mode with Antenna 4 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	PCS 1900	GSM, 10028-DAC	1909.8, 810	7.98	1.39	40.0	22.1	21.6

**Hardware Setup**

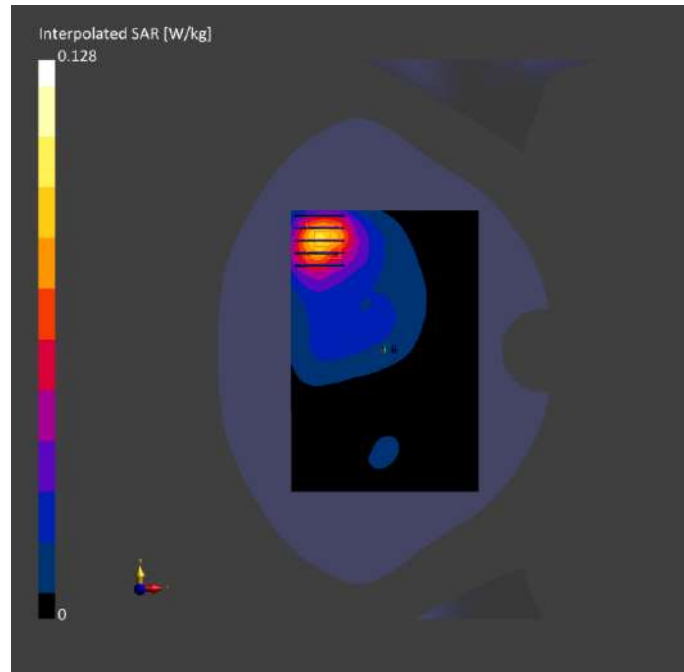
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-05	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA Surface	Y	Y
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-05	2024-03-05
psSAR1g [W/kg]	0.071	0.075
psSAR10g [W/kg]	0.041	0.044
Power Drift [dB]	-0.02	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.3
Dist 3dB Peak [mm]		17.4



**Meas.6 Body Plane with Bottom Edge 10mm on Middle Channel in GPRS1900 4Slots mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom	Position, Test Section, TSL	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM	PCS, 1900	GSM, 10028-	1880.0, 661	7.98	1.38	40.6	22.1	21.6
			DAC						
	10.00								

**Hardware Setup**

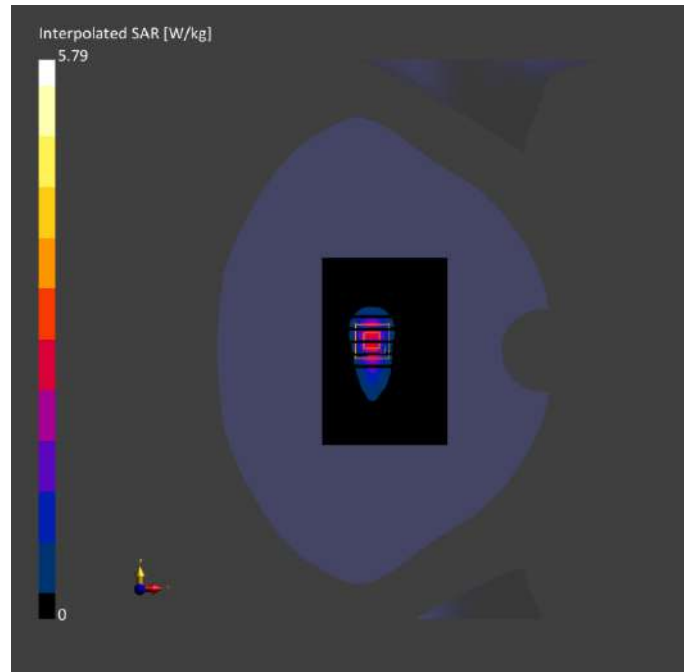
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-05	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-05	2024-03-05
psSAR1g [W/kg]	0.202	0.220
psSAR10g [W/kg]	0.093	0.094
Power Drift [dB]	0.05	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		40.1
Dist 3dB Peak [mm]		6.4



**Meas.7 Right Head with Tilt on High Channel in WCDMA Band2 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	TILT, 0.00	Band 2	WCDMA, 10011-CAC	1907.6, 9538	7.98	1.39	40.2	22.1	21.6

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-05	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

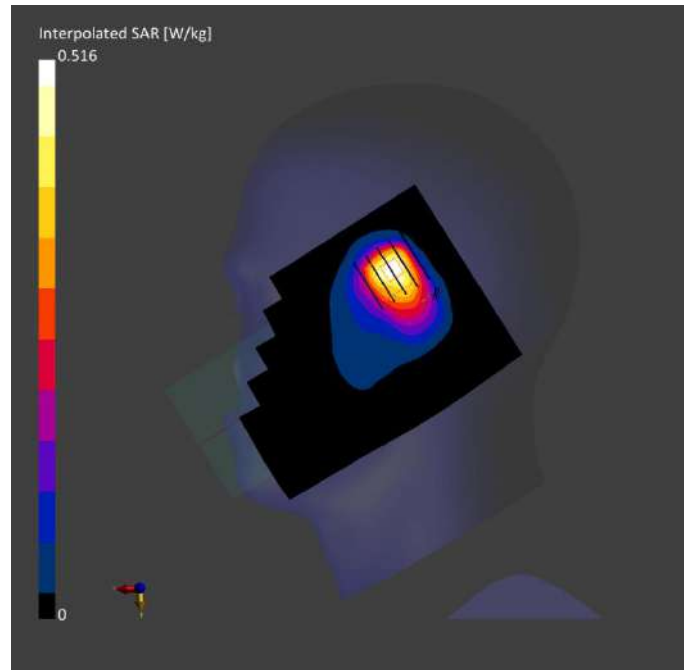
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-05	2024-03-05
psSAR1g [W/kg]	0.265	0.297
psSAR10g [W/kg]	0.147	0.156
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.1
Dist 3dB Peak [mm]		12.2





**Meas.8 Body Plane with Back Side 15mm on High Channel in WCDMA Band2 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 2	WCDMA, 10011-CAC	1907.6, 9538	7.98	1.39	40.2	22.1	21.6

**Hardware Setup**

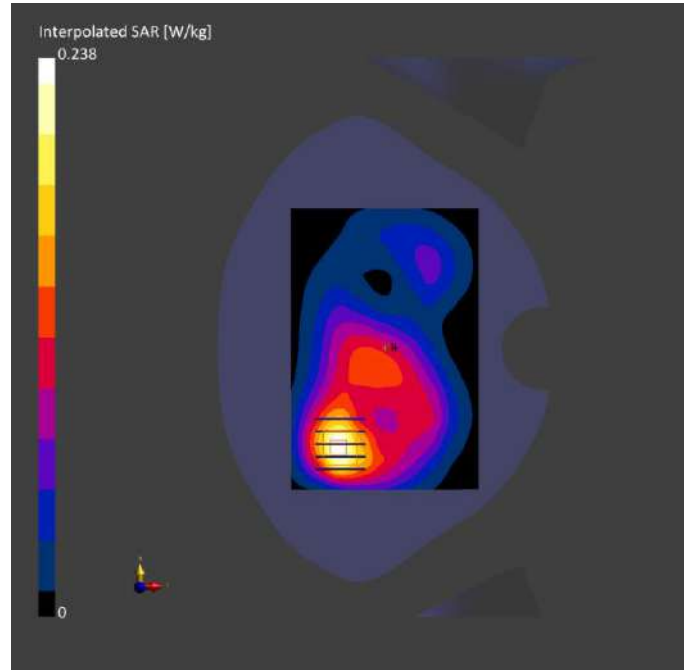
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-05	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-05	2024-03-05
psSAR1g [W/kg]	0.141	0.146
psSAR10g [W/kg]	0.082	0.086
Power Drift [dB]	0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		16.0



**Meas.9 Body Plane with Back Side 10mm on High Channel in WCDMA Band2 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 2	WCDMA, 10011-CAC	1907.6, 9538	7.98	1.39	40.2	22.1	21.6

**Hardware Setup**

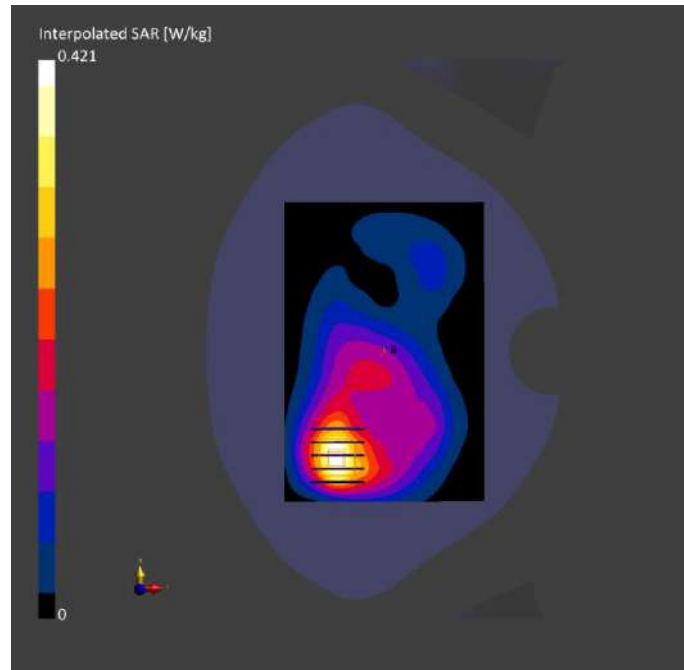
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-05	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-05	2024-03-05
psSAR1g [W/kg]	0.242	0.253
psSAR10g [W/kg]	0.138	0.143
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.5
Dist 3dB Peak [mm]		14.3



**Meas.10 Right Head with Cheek on Middle Channel in WCDMA Band4 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 4	WCDMA, 10011-CAC	1732.4, 1412	8.52	1.36	39.6	22.6	21.8

**Hardware Setup**

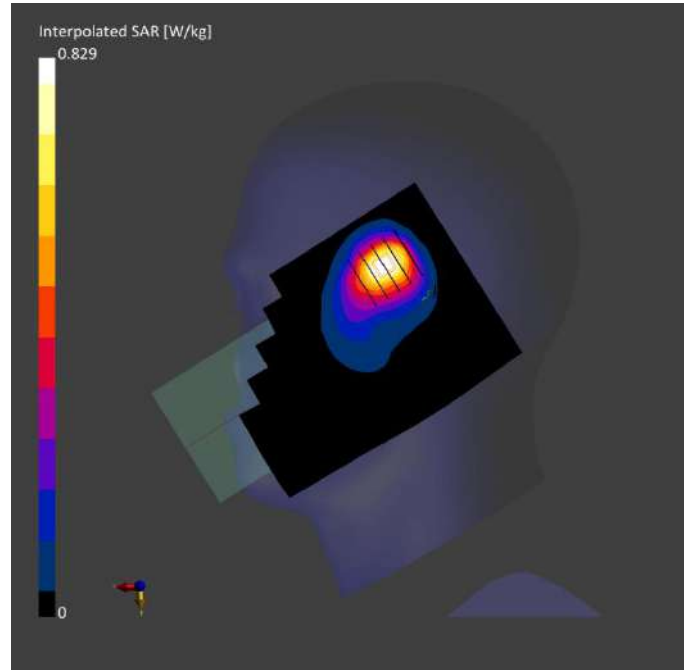
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM (30deg probe tilt) - 1859	V5.0 (30deg HBBL-600-10000 2024-03-01	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-01	2024-03-01
psSAR1g [W/kg]	0.474	0.508
psSAR10g [W/kg]	0.264	0.280
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.7
Dist 3dB Peak [mm]		12.2



**Meas.11 Body Plane with Back Side 15mm on High Channel in WCDMA Band4 mode with Antenna 4 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 4	WCDMA, 10011-CAC	1752.6, 1513	8.52	1.38	39.4	22.6	21.8

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-01	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

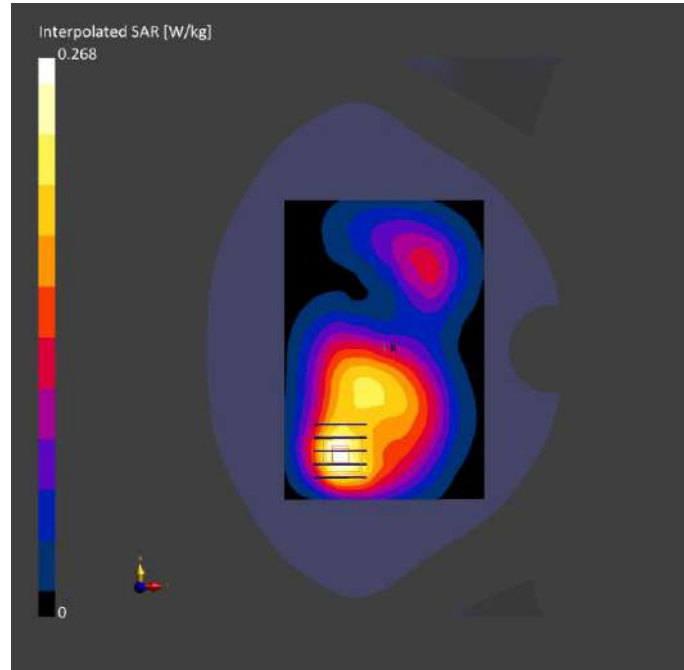
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-01	2024-03-01
psSAR1g [W/kg]	0.159	0.165
psSAR10g [W/kg]	0.095	0.099
Power Drift [dB]	0.03	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		17.2





**Meas.12 Body Plane with Back Side 10mm on High Channel in WCDMA Band4 mode with Antenna 4 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 10.00	Band 4	WCDMA, 10011-CAC	1752.6, 1513	8.52	1.38	39.4	22.6	21.8

**Hardware Setup**

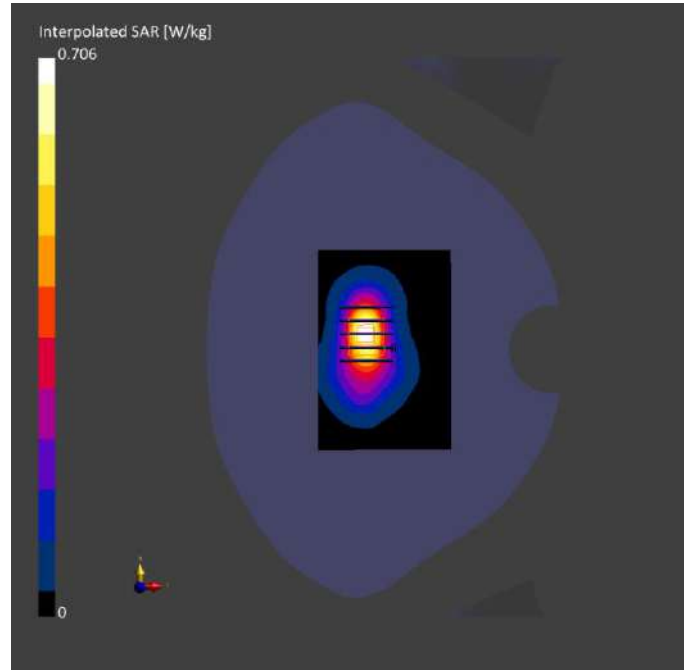
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-01	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-01	2024-03-01
psSAR1g [W/kg]	0.396	0.407
psSAR10g [W/kg]	0.212	0.220
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.6
Dist 3dB Peak [mm]		11.2



**Meas.13 Right Head with Cheek on High Channel in WCDMA Band5 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 5	WCDMA, 10011-CAC	846.6, 4233	9.96	0.917	40.5	22.1	21.8

**Hardware Setup**

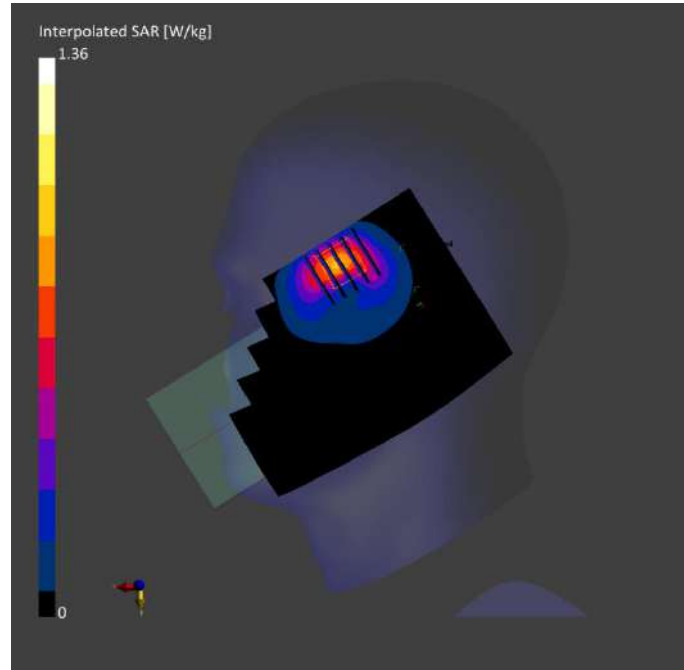
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-26	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-26	2024-02-26
psSAR1g [W/kg]	0.762	0.732
psSAR10g [W/kg]	0.456	0.393
Power Drift [dB]	0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		8.1



**Meas.14 Body Plane with Back Side 15mm on High Channel in WCDMA Band5 mode with Antenna 1 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 5	WCDMA, 10011-CAC	846.6, 4233	9.96	0.917	40.5	22.1	21.8

**Hardware Setup**

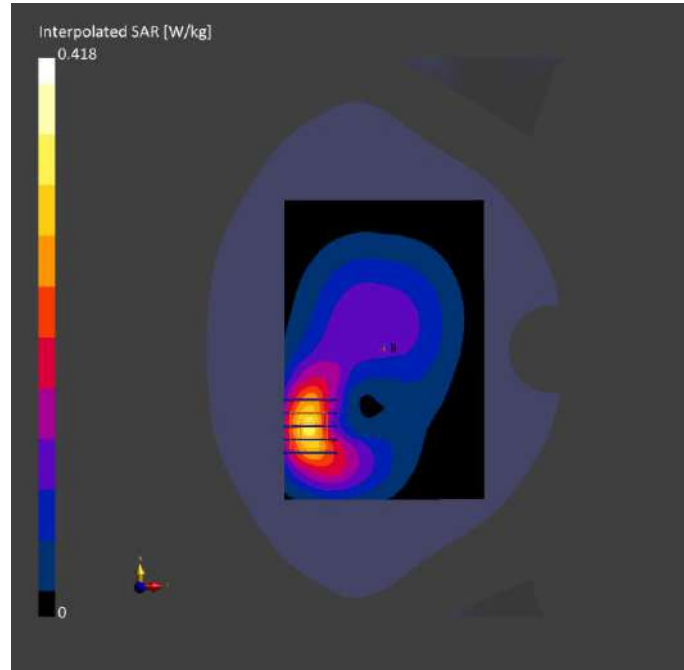
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-26	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-26	2024-02-26
psSAR1g [W/kg]	0.280	0.276
psSAR10g [W/kg]	0.178	0.171
Power Drift [dB]	0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.9
Dist 3dB Peak [mm]		13.7



**Meas.15 Body Plane with Right Edge 10mm on High Channel in WCDMA Band5 mode with Antenna 1 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE RIGHT, 10.00	Band 5	WCDMA, 10011-CAC	846.6, 4233	9.96	0.917	40.5	22.1	21.8

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-26	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

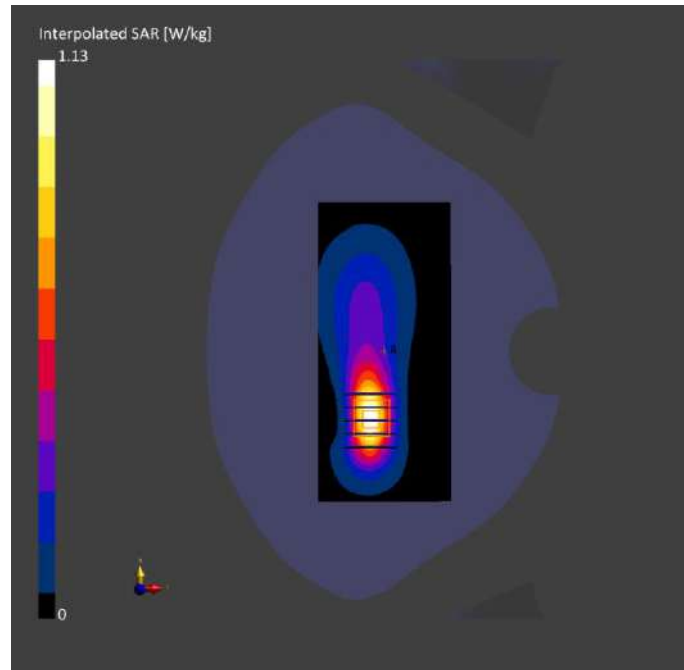
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-26	2024-02-26
psSAR1g [W/kg]	0.651	0.635
psSAR10g [W/kg]	0.376	0.344
Power Drift [dB]	0.03	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		9.6





**Meas.16 Right Head with Cheek on High Channel in LTE Band2 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.98	1.36	41.0	22.2	21.4

**Hardware Setup**

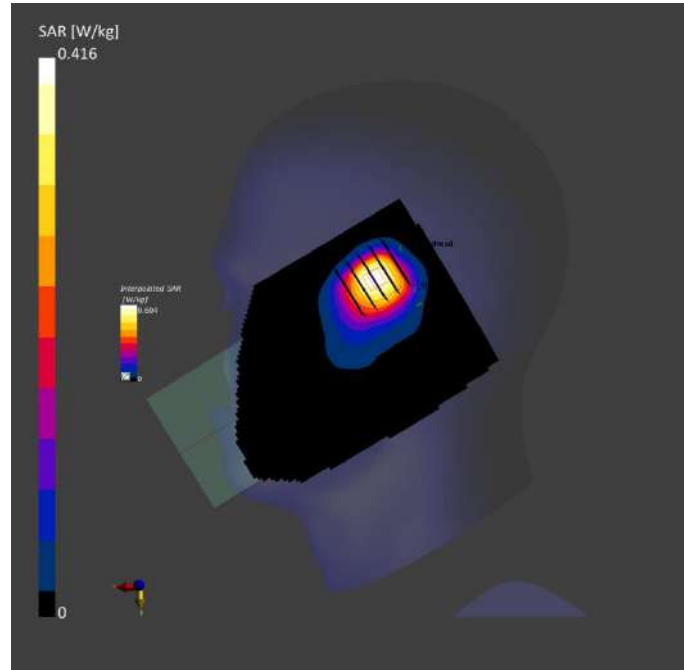
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-06	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	1020.0 x 1020.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-06	2024-03-06
psSAR1g [W/kg]	0.380	0.398
psSAR10g [W/kg]	0.204	0.211
Power Drift [dB]	-0.15	0.01
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.4
Dist 3dB Peak [mm]		10.7



**Meas.17 Body Plane with Back Side 15mm on High Channel in LTE Band2 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.98	1.36	41.0	22.2	21.4

**Hardware Setup**

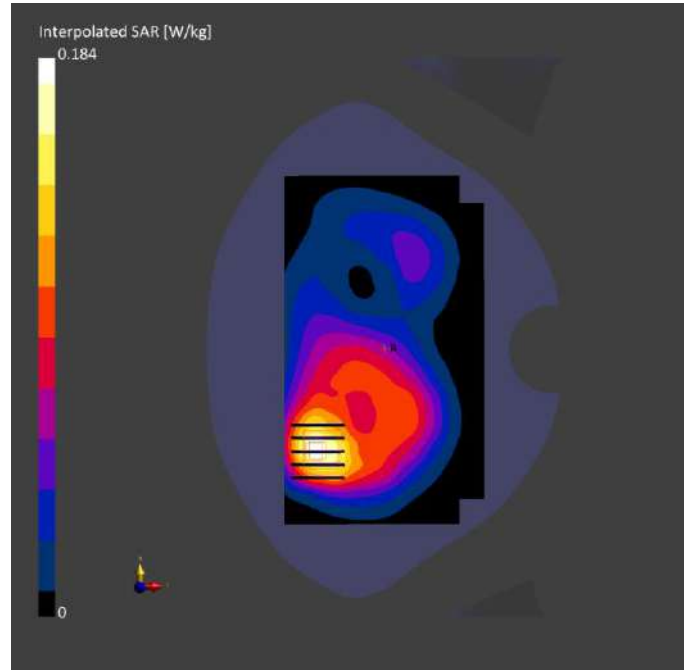
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-06	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-06	2024-03-06
psSAR1g [W/kg]	0.103	0.110
psSAR10g [W/kg]	0.061	0.063
Power Drift [dB]	-0.16	-0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.5
Dist 3dB Peak [mm]		8.0



**Meas.18 Body Plane with Bottom Edge 10mm on High Channel in LTE Band2 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 10.00	Band 2	LTE-FDD, 10169-CAF	1900.0, 19100	7.98	1.36	41.0	22.2	21.4

**Hardware Setup**

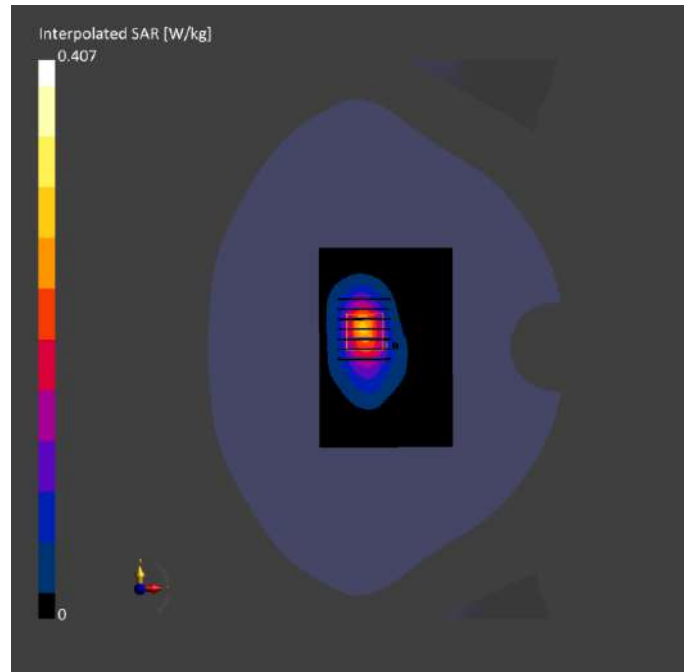
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-06	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	32.0 x 36.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 6.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-06	2024-03-06
psSAR1g [W/kg]	0.222	0.220
psSAR10g [W/kg]	0.116	0.121
Power Drift [dB]	0.07	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.6
Dist 3dB Peak [mm]		10.7



**Meas.19 Right Head with Cheek on Middle Channel in LTE Band4 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.52	1.34	40.0	22.1	21.9

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-02	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

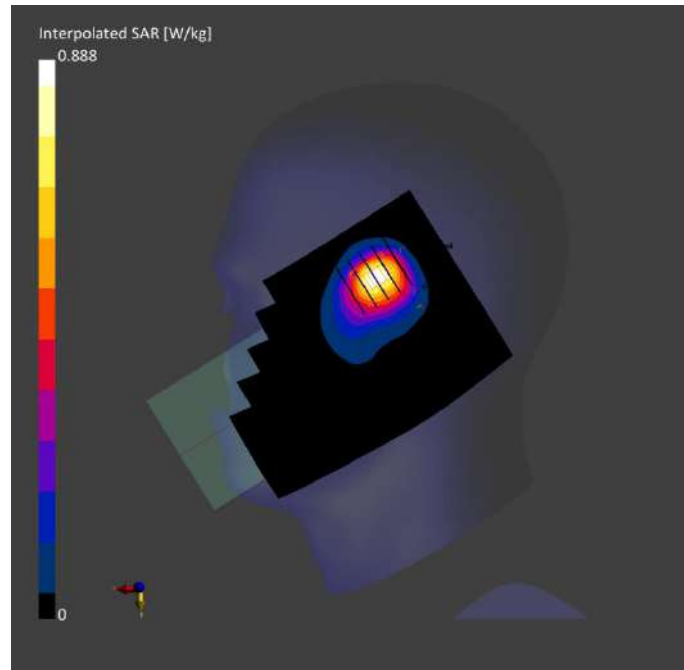
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-02	2024-03-02
psSAR1g [W/kg]	0.478	0.522
psSAR10g [W/kg]	0.259	0.279
Power Drift [dB]	-0.05	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		10.1





**Meas.20 Body Plane with Back Side 15mm on Middle Channel in LTE Band4 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.52	1.34	40.0	22.1	21.9

**Hardware Setup**

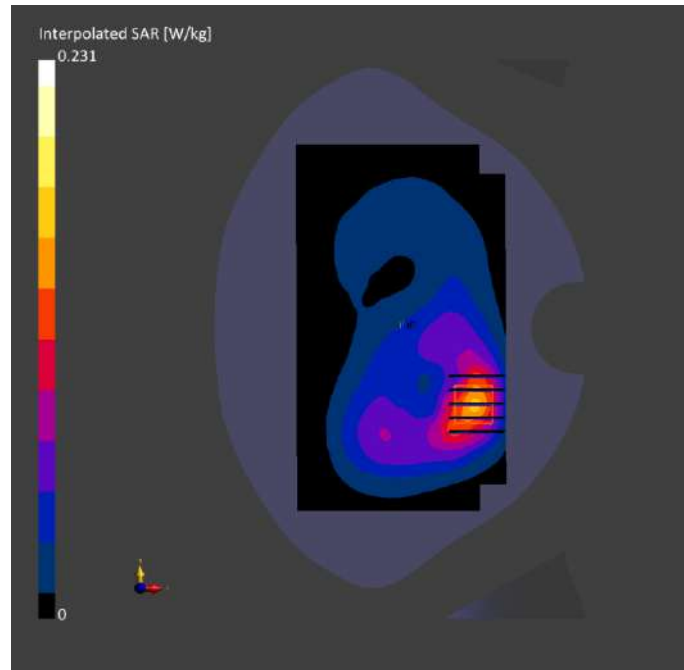
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-02	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-02	2024-03-02
psSAR1g [W/kg]	0.130	0.145
psSAR10g [W/kg]	0.075	0.084
Power Drift [dB]	-0.01	-0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.9
Dist 3dB Peak [mm]		12.5



**Meas.21 Body Plane with Left Edge 10mm on Middle Channel in LTE Band4 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE LEFT, 10.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.52	1.34	40.0	22.1	21.9

**Hardware Setup**

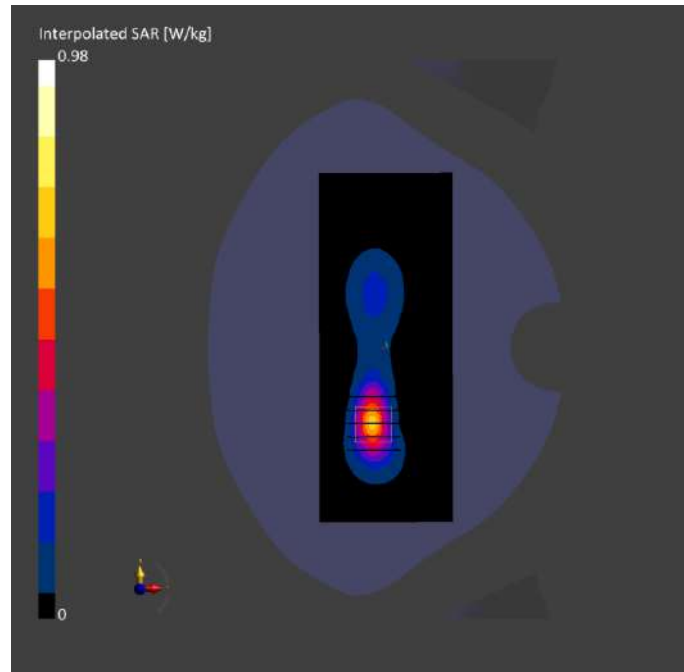
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-02	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-02	2024-03-02
psSAR1g [W/kg]	0.525	0.531
psSAR10g [W/kg]	0.259	0.268
Power Drift [dB]	-0.01	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		8.2



**Meas.22 Right Head with Cheek on Middle Channel in LTE Band5 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.96	0.899	42.5	22.2	21.4

**Hardware Setup**

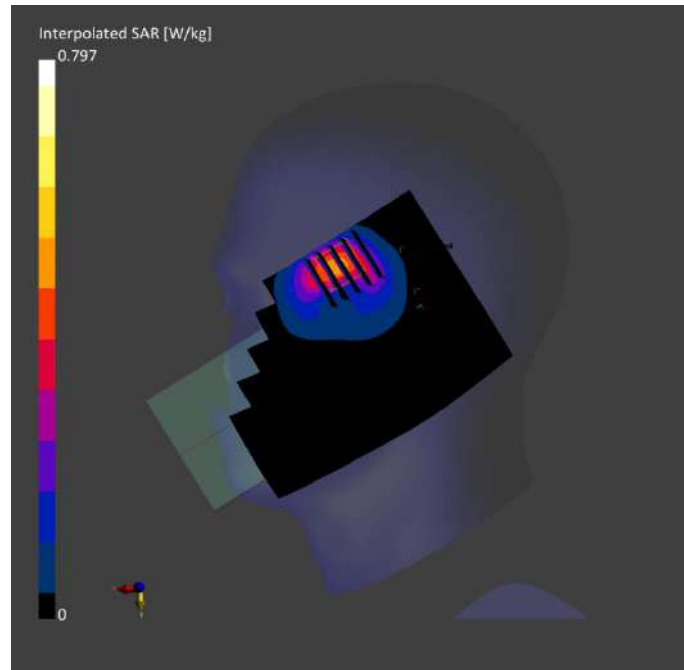
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-27	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-27	2024-02-27
psSAR1g [W/kg]	0.429	0.408
psSAR10g [W/kg]	0.257	0.216
Power Drift [dB]	-0.05	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.3
Dist 3dB Peak [mm]		6.5



**Meas.23 Body Plane with Back Side 15mm on Middle Channel in LTE Band5 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.96	0.899	42.5	22.2	21.4

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-27	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

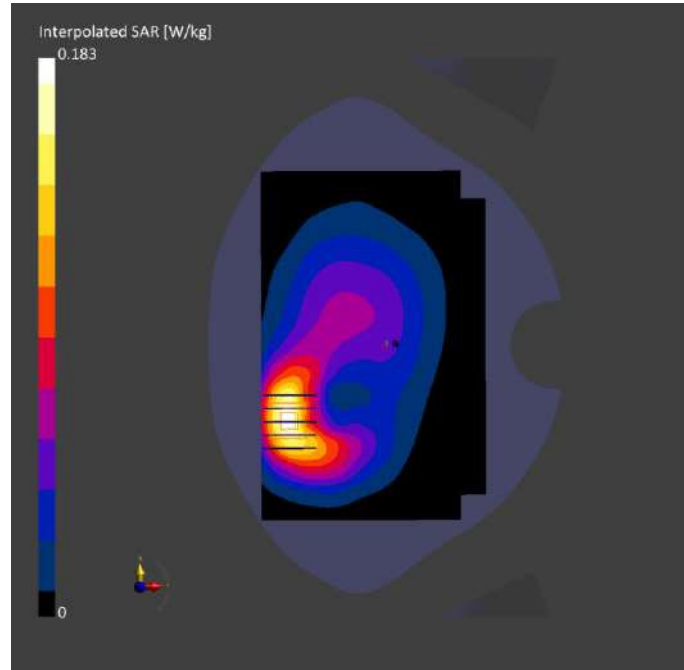
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-27	2024-02-27
psSAR1g [W/kg]	0.119	0.121
psSAR10g [W/kg]	0.076	0.075
Power Drift [dB]	0.05	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.0
Dist 3dB Peak [mm]		13.2





**Meas.24 Body Plane with Back Side 10mm on Middle Channel in LTE Band5 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.96	0.899	42.5	22.2	21.4

**Hardware Setup**

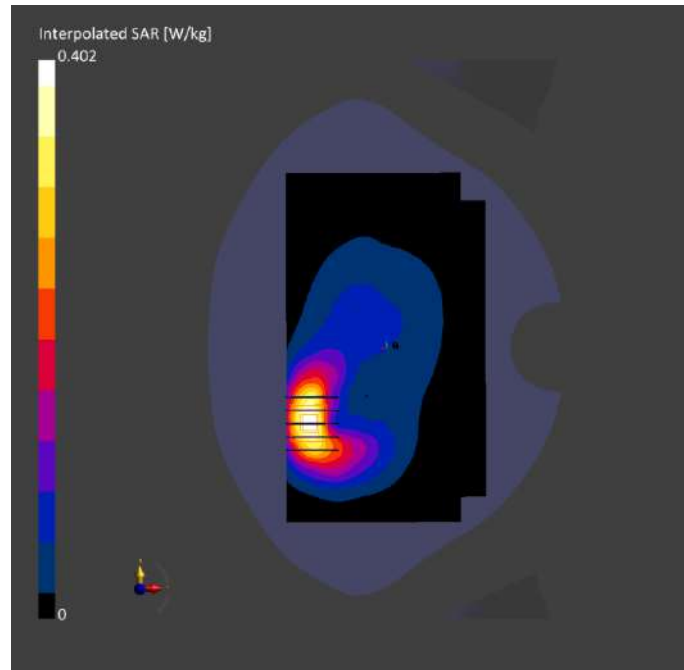
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-27	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-27	2024-02-27
psSAR1g [W/kg]	0.257	0.247
psSAR10g [W/kg]	0.156	0.144
Power Drift [dB]	-0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		10.1



**Meas.25 Right Head with Cheek on High Channel in LTE Band7 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 7	LTE-FDD, 10169-CAF	2560.0, 21350	7.41	1.87	38.5	22.3	21.5

**Hardware Setup**

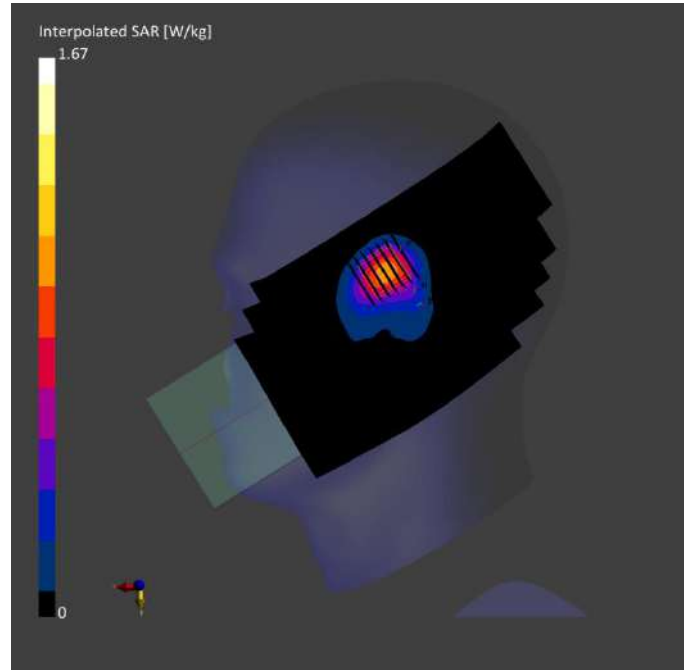
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-08	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-08	2024-03-08
psSAR1g [W/kg]	0.853	0.833
psSAR10g [W/kg]	0.431	0.408
Power Drift [dB]	-0.04	0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.1
Dist 3dB Peak [mm]		9.1



**Meas.26 Body Plane with Back Side 15mm on Middle Channel in LTE Band7 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.41	1.85	38.5	22.3	21.5

**Hardware Setup**

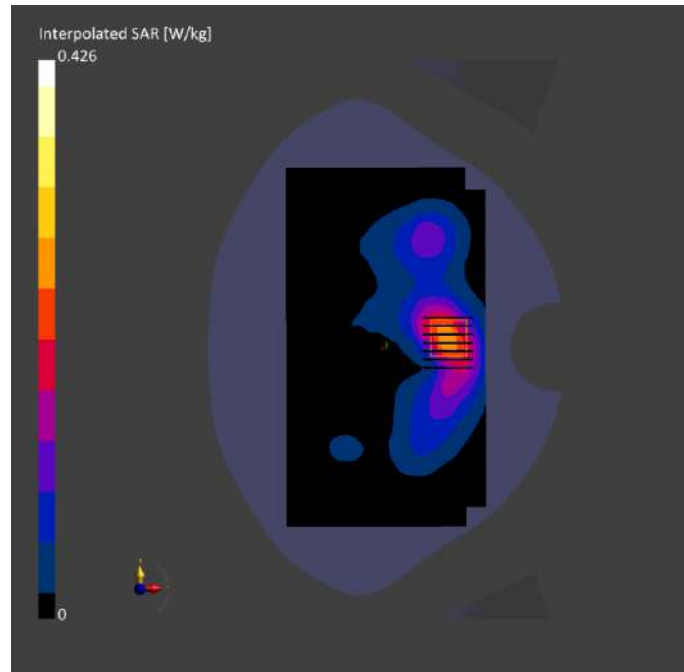
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-08	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-08	2024-03-08
psSAR1g [W/kg]	0.224	0.234
psSAR10g [W/kg]	0.116	0.121
Power Drift [dB]	0.03	0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.4
Dist 3dB Peak [mm]		11.3



**Meas.27 Body Plane with Left Edge 10mm on Middle Channel in LTE Band7 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE LEFT, 10.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.41	1.85	38.5	22.3	21.5

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-08	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

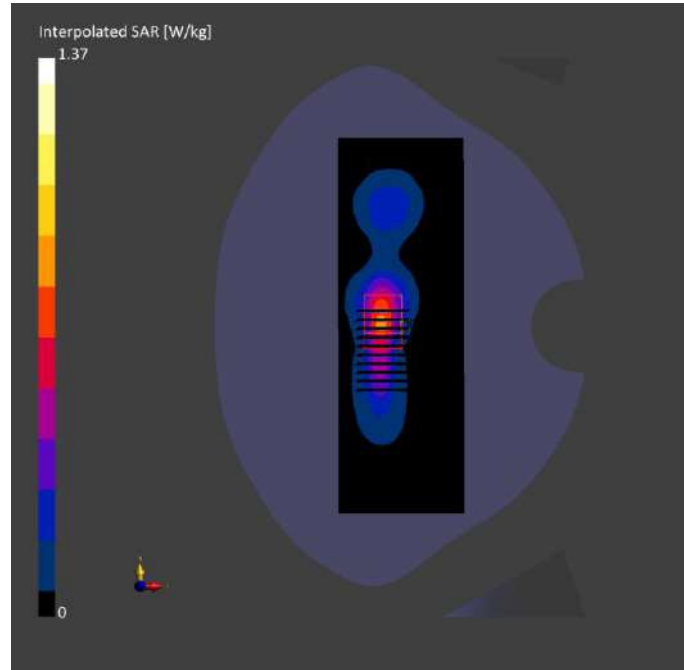
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-08	2024-03-08
psSAR1g [W/kg]	0.655	0.679
psSAR10g [W/kg]	0.302	0.282
Power Drift [dB]	-0.01	-0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		8.1





**Meas.28 Body Plane with Bottom Edge 0mm on Middle Channel in LTE Band7 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 10.00	Band 7	LTE-FDD, 10169-CAF	2535.0, 21100	7.41	1.85	38.5	22.3	21.5

**Hardware Setup**

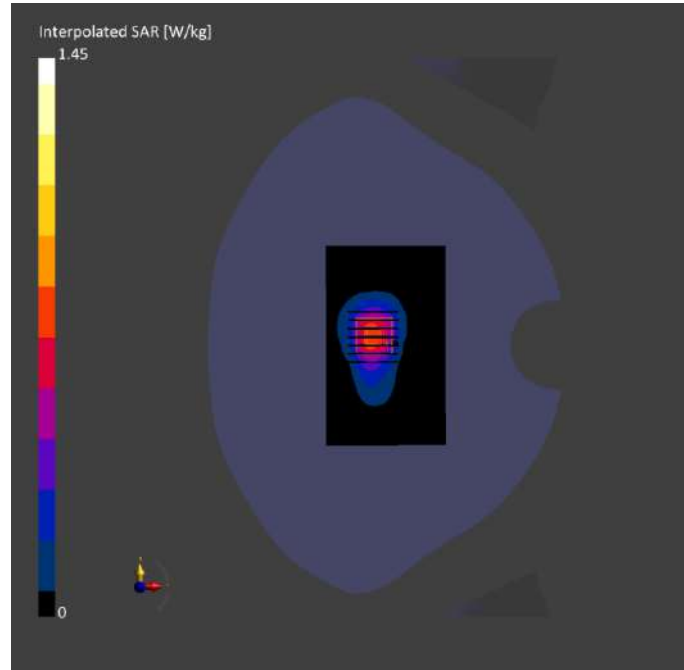
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-08	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-08	2024-03-08
psSAR1g [W/kg]	1.65	1.69
psSAR10g [W/kg]	0.761	0.802
Power Drift [dB]	-0.07	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.2
Dist 3dB Peak [mm]		9.0



**Meas.29 Right Head with Cheek on Middle Channel in LTE Band12 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 12	LTE-FDD, 10175-CAH	707.5, 23095	10.31	0.878	42.1	22.5	21.6

**Hardware Setup**

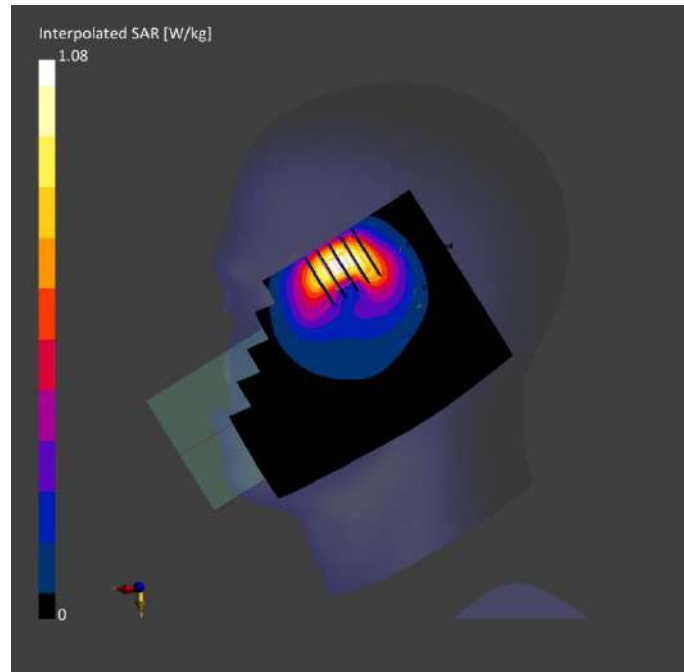
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-23	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-23	2024-02-23
psSAR1g [W/kg]	0.575	0.564
psSAR10g [W/kg]	0.354	0.301
Power Drift [dB]	-0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		6.4



**Meas.30 Body Plane with Back Side 15mm on Middle Channel in LTE Band12 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 12	LTE-FDD, 10175-CAH	707.5, 23095	10.31	0.878	42.1	22.5	21.6

**Hardware Setup**

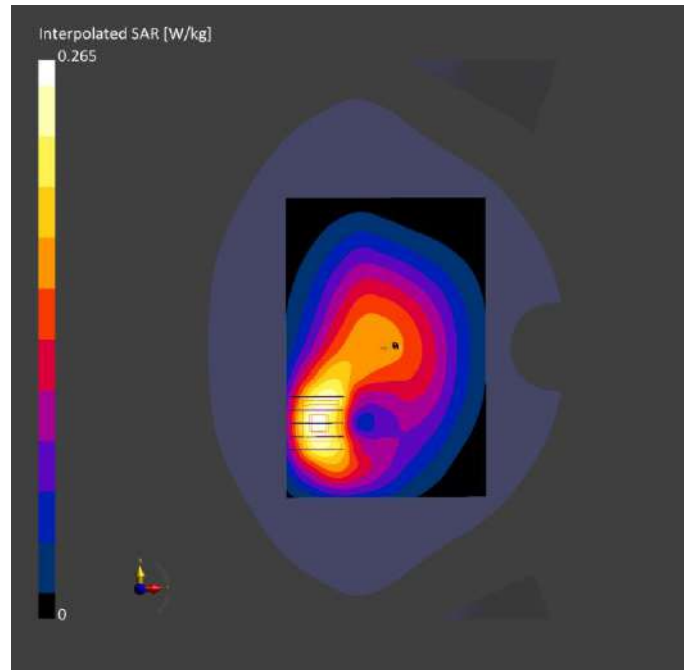
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-23	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-23	2024-02-23
psSAR1g [W/kg]	0.172	0.180
psSAR10g [W/kg]	0.115	0.117
Power Drift [dB]	-0.01	0.07
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.2
Dist 3dB Peak [mm]		12.8



**Meas.31 Body Plane with Back Side 10mm on Middle Channel in LTE Band12 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 12	LTE-FDD, 10175-CAH	707.5, 23095	10.31	0.878	42.1	22.5	21.6

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-23	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

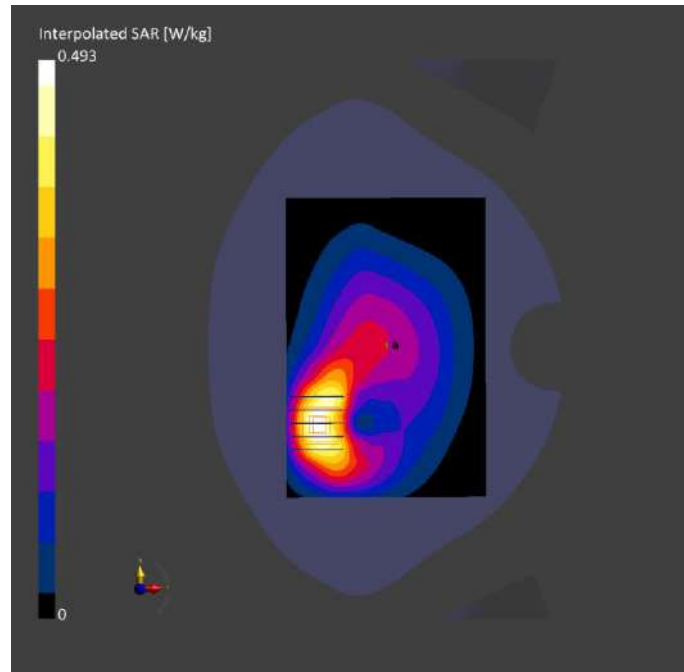
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-23	2024-02-23
psSAR1g [W/kg]	0.291	0.316
psSAR10g [W/kg]	0.192	0.190
Power Drift [dB]	-0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.6
Dist 3dB Peak [mm]		11.2





**Meas.32 Right Head with Cheek on Middle Channel in LTE Band13 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.31	0.910	42.0	22.2	21.7

**Hardware Setup**

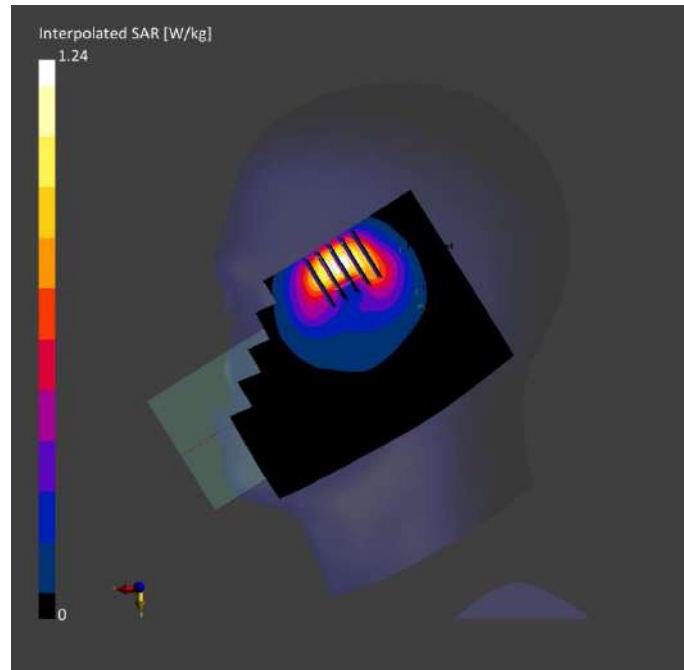
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-24	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-24	2024-02-24
psSAR1g [W/kg]	0.679	0.666
psSAR10g [W/kg]	0.412	0.357
Power Drift [dB]	0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.8
Dist 3dB Peak [mm]		6.5



**Meas.33 Body Plane with Back Side 15mm on Middle Channel in LTE Band13 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.31	0.910	42.0	22.2	21.7

**Hardware Setup**

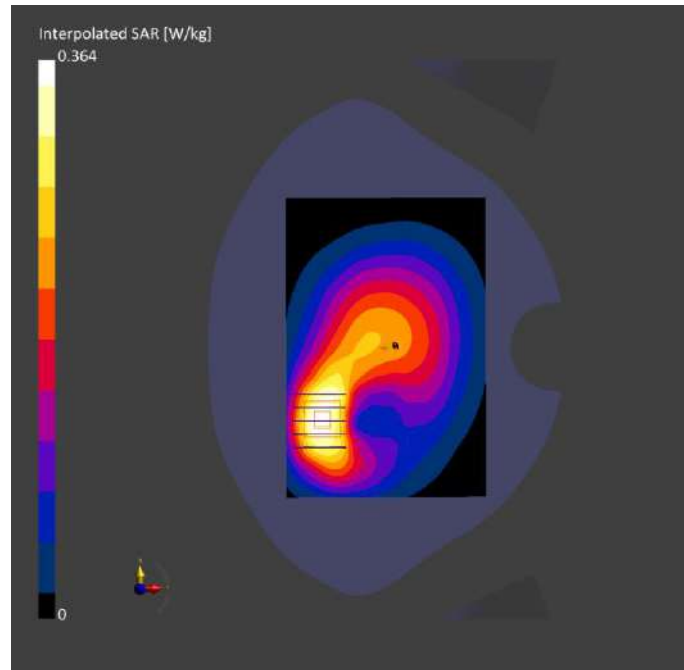
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-24	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-24	2024-02-24
psSAR1g [W/kg]	0.234	0.248
psSAR10g [W/kg]	0.156	0.159
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.9
Dist 3dB Peak [mm]		14.4



**Meas.34 Body Plane with Back Side 10mm on Middle Channel in LTE Band13 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.31	0.910	42.0	22.2	21.7

**Hardware Setup**

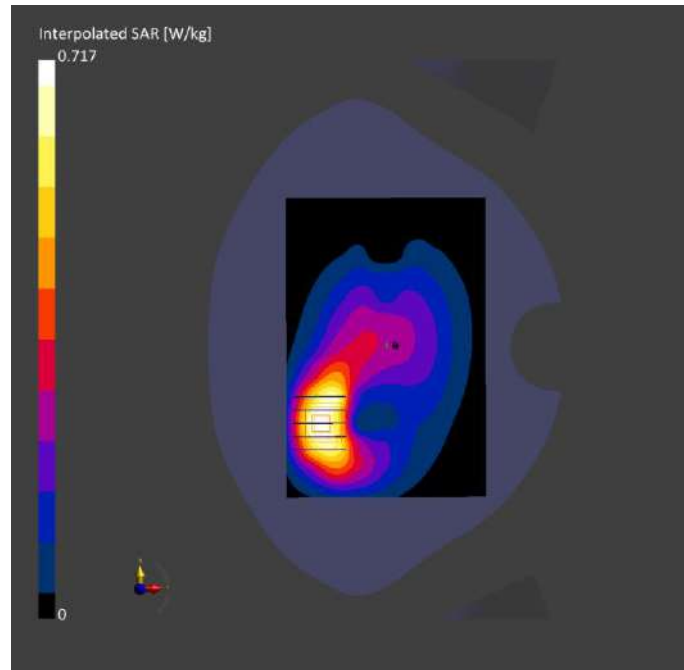
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-24	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-24	2024-02-24
psSAR1g [W/kg]	0.408	0.452
psSAR10g [W/kg]	0.269	0.266
Power Drift [dB]	0.02	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.5
Dist 3dB Peak [mm]		11.2



**Meas.35 Right Head with Cheek on Middle Channel in LTE Band17 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 17	LTE-FDD, 10175-CAH	709.0, 23780	10.31	0.902	42.4	22.4	21.3

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-25	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

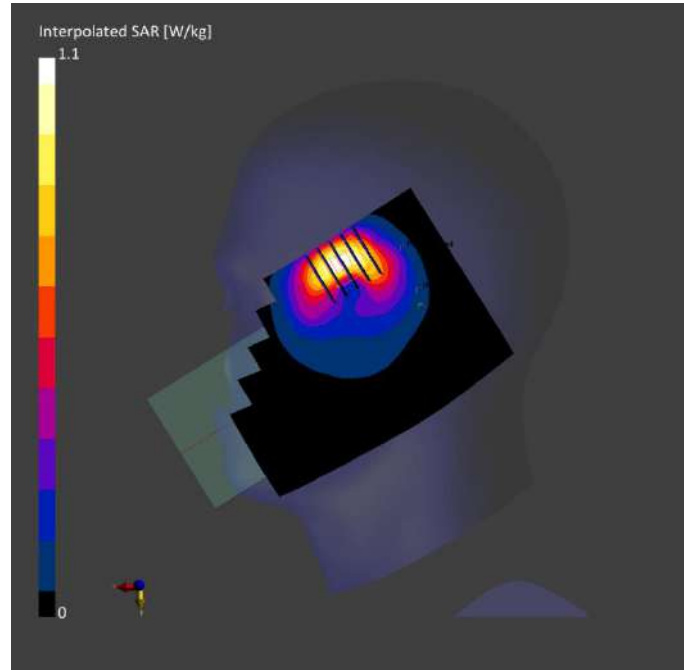
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-25	2024-02-25
psSAR1g [W/kg]	0.603	0.586
psSAR10g [W/kg]	0.371	0.315
Power Drift [dB]	0.04	0.02
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		6.4





**Meas.36 Body Plane with Back Side 15mm on Middle Channel in LTE Band17 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 17	LTE-FDD, 10175-CAH	709.0, 23780	10.31	0.902	42.4	22.4	21.3

**Hardware Setup**

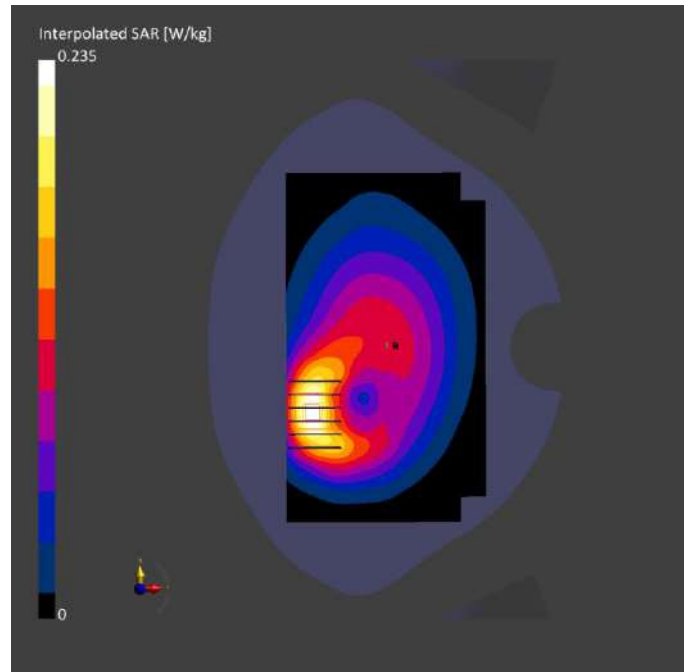
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-25	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-25	2024-02-25
psSAR1g [W/kg]	0.154	0.157
psSAR10g [W/kg]	0.100	0.100
Power Drift [dB]	-0.01	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.9
Dist 3dB Peak [mm]		14.4



**Meas.37 Body Plane with Back Side 10mm on Middle Channel in LTE Band17 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 17	LTE-FDD, 10175-CAH	709.0, 23780	10.31	0.902	42.4	22.4	21.3

**Hardware Setup**

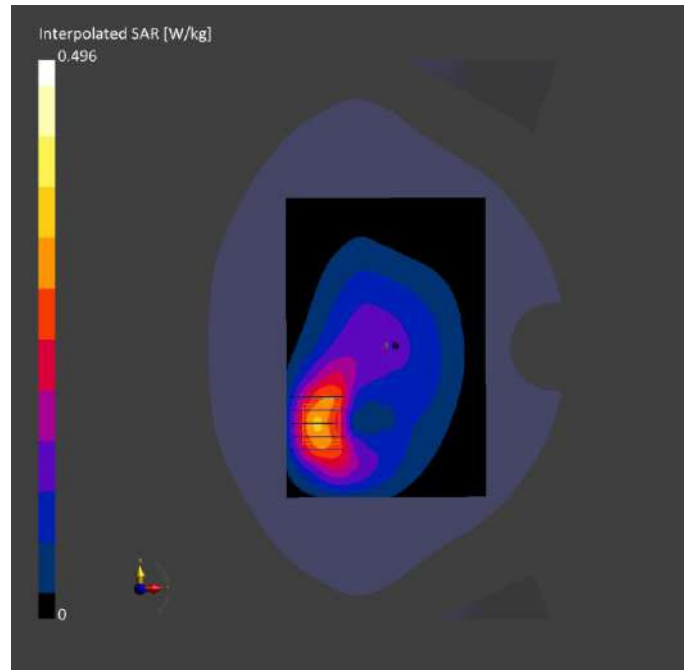
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-25	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-25	2024-02-25
psSAR1g [W/kg]	0.292	0.317
psSAR10g [W/kg]	0.193	0.191
Power Drift [dB]	0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.5
Dist 3dB Peak [mm]		11.2



**Meas.38 Right Head with Cheek on Middle Channel in LTE Band26 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 26	LTE-FDD, 10181-CAF	831.5, 26865	9.96	0.877	40.7	22.7	21.9

**Hardware Setup**

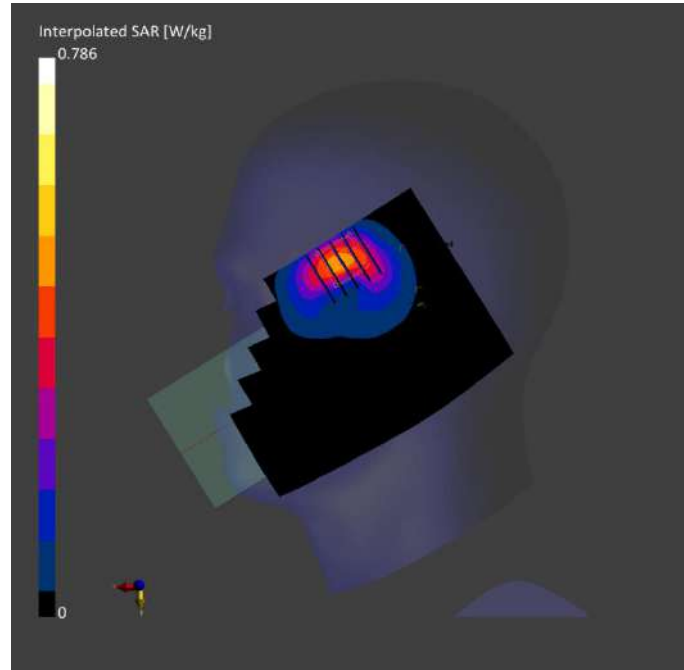
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-29	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-29	2024-02-29
psSAR1g [W/kg]	0.724	0.716
psSAR10g [W/kg]	0.445	0.383
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.3
Dist 3dB Peak [mm]		6.4



**Meas.39 Body Plane with Back Side 15mm on Middle Channel in LTE Band26 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 26	LTE-FDD, 10181-CAF	831.5, 26865	9.96	0.877	40.7	22.7	21.9

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-29	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

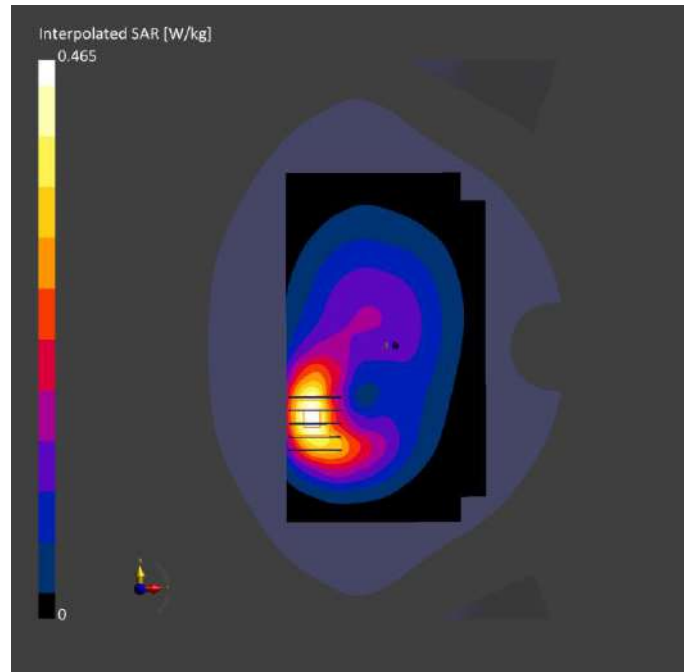
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-29	2024-02-29
psSAR1g [W/kg]	0.305	0.304
psSAR10g [W/kg]	0.194	0.190
Power Drift [dB]	-0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.2
Dist 3dB Peak [mm]		13.2





**Meas.40 Body Plane with Back Side 10mm on Middle Channel in LTE Band26 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	Band 26	LTE-FDD, 10181-CAF	831.5, 26865	9.96	0.877	40.7	22.7	21.9

**Hardware Setup**

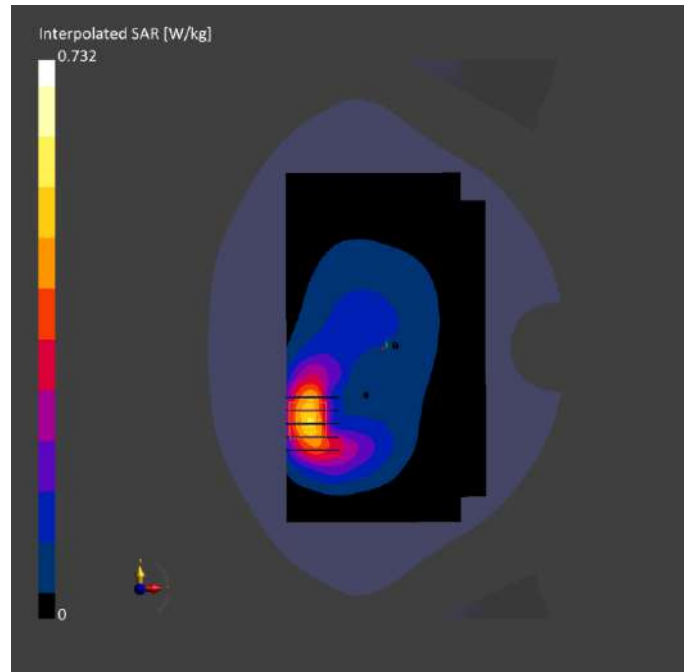
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-29	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-29	2024-02-29
psSAR1g [W/kg]	0.471	0.452
psSAR10g [W/kg]	0.291	0.267
Power Drift [dB]	-0.04	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.6
Dist 3dB Peak [mm]		10.1



**Meas.41 Right Head with Cheek on Middle Channel in LTE Band66 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 66	LTE-FDD, 10169-CAF	1745.0, 132322	8.52	1.38	39.8	22.1	21.9

**Hardware Setup**

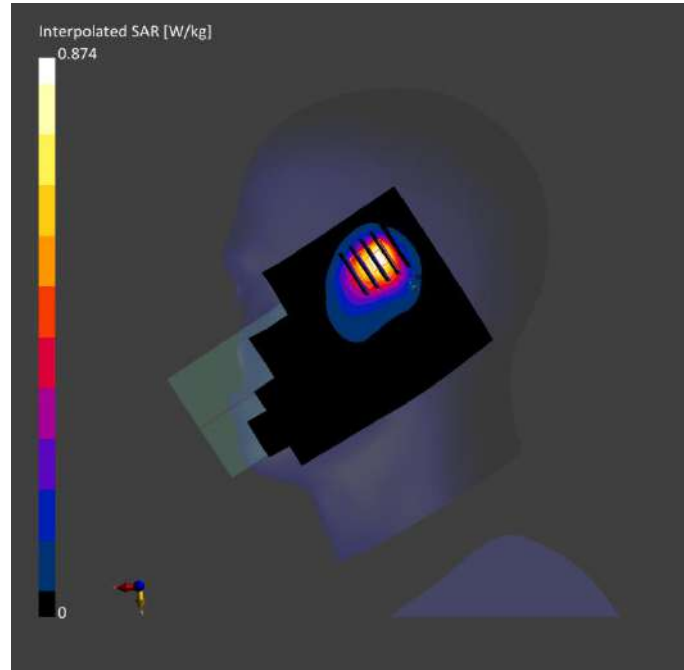
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-03	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-03	2024-03-03
psSAR1g [W/kg]	0.488	0.516
psSAR10g [W/kg]	0.264	0.278
Power Drift [dB]	0.01	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		11.5



**Meas.42 Body Plane with Back Side 15mm on Middle Channel in LTE Band66 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 66	LTE-FDD, 10169-CAF	1745.0, 132322	8.52	1.38	39.8	22.1	21.9

**Hardware Setup**

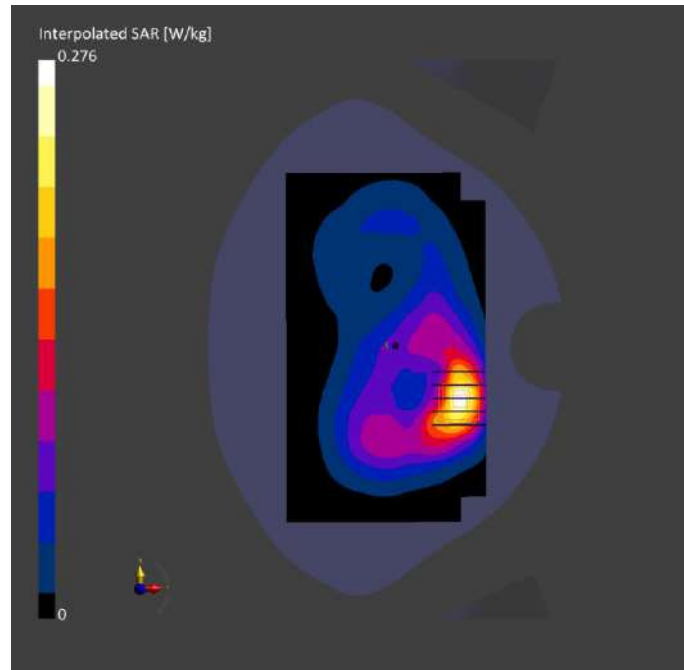
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-03	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-03	2024-03-03
psSAR1g [W/kg]	0.158	0.167
psSAR10g [W/kg]	0.087	0.094
Power Drift [dB]	0.02	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.2
Dist 3dB Peak [mm]		11.6



**Meas.43 Body Plane with Left Edge 10mm on Middle Channel in LTE Band66 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, LEFT, 10.00	Band 66	LTE-FDD, 10169-CAF	1745.0, 132322	8.52	1.38	39.8	22.1	21.9

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-03	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

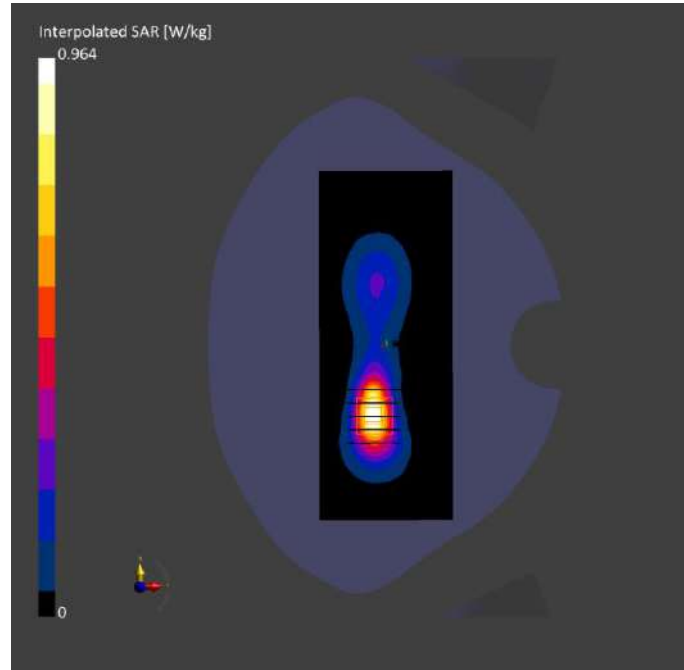
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-03	2024-03-03
psSAR1g [W/kg]	0.519	0.533
psSAR10g [W/kg]	0.262	0.271
Power Drift [dB]	-0.02	0.05
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.3
Dist 3dB Peak [mm]		8.0





**Meas.44 Right Head with Tilt on High Channel in LTE Band38 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 38	LTE-TDD, 10172-CAH	2610.0, 38150	7.41	1.96	39.7	22.5	21.6

**Hardware Setup**

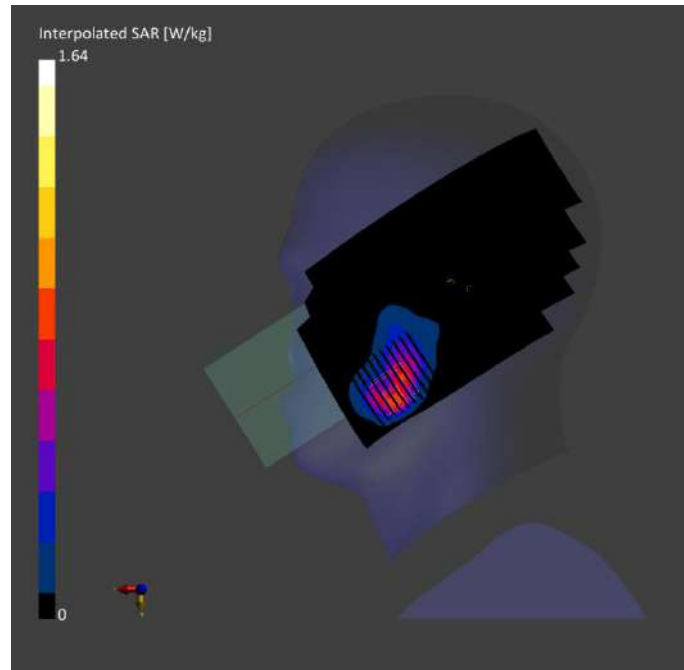
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-12	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	All points
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-12	2024-03-12
psSAR1g [W/kg]	0.665	0.846
psSAR10g [W/kg]	0.337	0.378
Power Drift [dB]	-0.05	-0.16
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.2
Dist 3dB Peak [mm]		6.1



**Meas.45 Body Plane with Back Side 15mm on Middle Channel in LTE Band38 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 38	LTE-TDD, 10172-CAH	2595.0, 38000	7.41	1.94	39.9	22.5	21.6

**Hardware Setup**

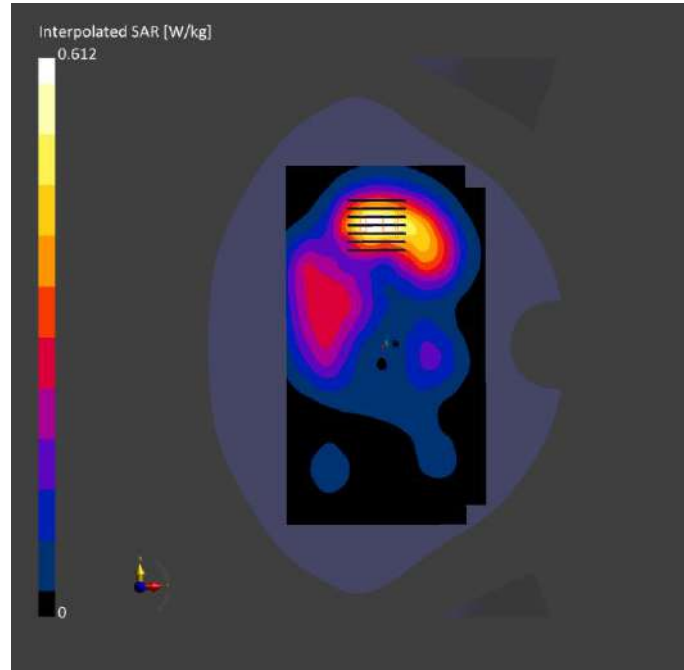
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-12	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-12	2024-03-12
psSAR1g [W/kg]	0.329	0.339
psSAR10g [W/kg]	0.174	0.181
Power Drift [dB]	-0.02	0.05
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.7
Dist 3dB Peak [mm]		14.6



**Meas.46 Body Plane with Bottom Edge 10mm on Middle Channel in LTE Band38 mode with Antenna 0 Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 10.00	Band 38	LTE-TDD, 10172-CAH	2595.0, 38000	7.41	1.94	39.9	22.5	21.6

**Hardware Setup**

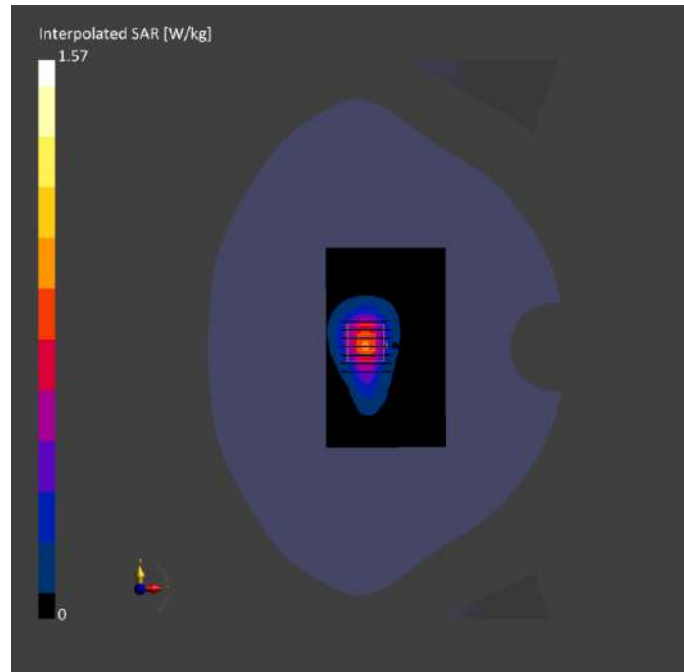
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-12	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-12	2024-03-12
psSAR1g [W/kg]	0.727	0.797
psSAR10g [W/kg]	0.343	0.384
Power Drift [dB]	-0.05	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.4
Dist 3dB Peak [mm]		10.0



**Meas.47 Body Plane with Bottom Edge 0mm on Middle Channel in LTE Band38 mode with Antenna 0**  
**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 0.00	Band 38	LTE-TDD, 10172-CAH	2595.0, 38000	7.41	1.94	39.9	22.5	21.6

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-12	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

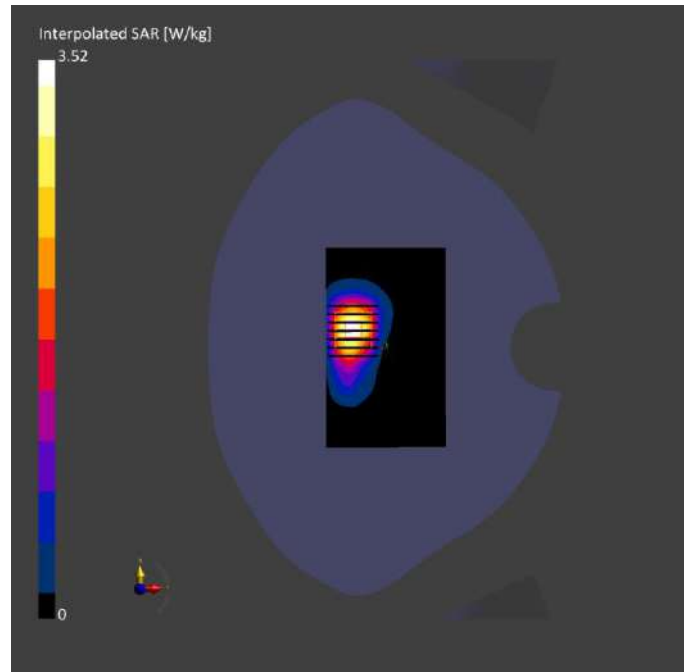
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-12	2024-03-12
psSAR1g [W/kg]	3.01	3.17
psSAR10g [W/kg]	1.44	1.46
Power Drift [dB]	-0.05	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.9
Dist 3dB Peak [mm]		9.0





**Meas.48 Right Head with Cheek on Middle Channel in LTE Band41 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 41	LTE-TDD, 10172-CAH	2593.0, 40620	7.41	1.91	38.5	22.4	21.5

**Hardware Setup**

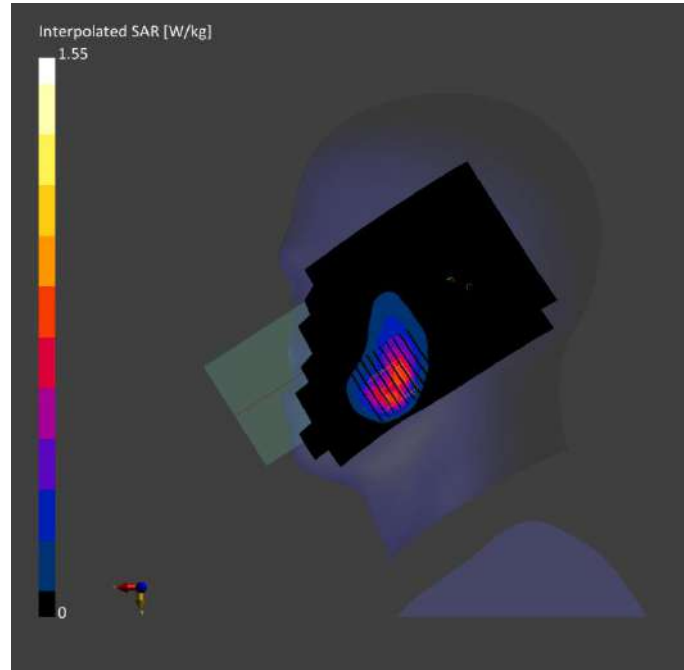
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-17	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	All points
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-17	2024-03-17
psSAR1g [W/kg]	0.660	0.786
psSAR10g [W/kg]	0.329	0.364
Power Drift [dB]	-0.04	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		7.2



**Meas.49 Body Plane with Back Side 15mm on Middle Channel in LTE Band41 mode with Antenna 4**  
**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 41	LTE-TDD, 10172-CAH	2593.0, 40620	7.41	1.91	38.5	22.4	21.5

**Hardware Setup**

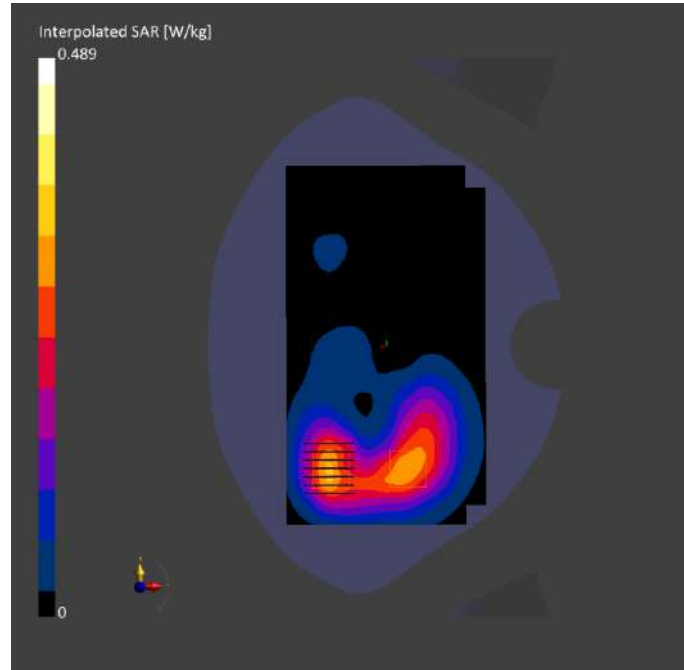
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-17	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-17	2024-03-17
psSAR1g [W/kg]	0.266	0.260
psSAR10g [W/kg]	0.145	0.140
Power Drift [dB]	-0.03	0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		14.6



**Meas.50 Body Plane with Right Edge 10mm on Middle Channel in LTE Band41 mode with Antenna 1  
Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE RIGHT, 10.00	Band 41	LTE-TDD, 10172-CAH	2593.0, 40620	7.41	1.91	38.5	22.4	21.5

**Hardware Setup**

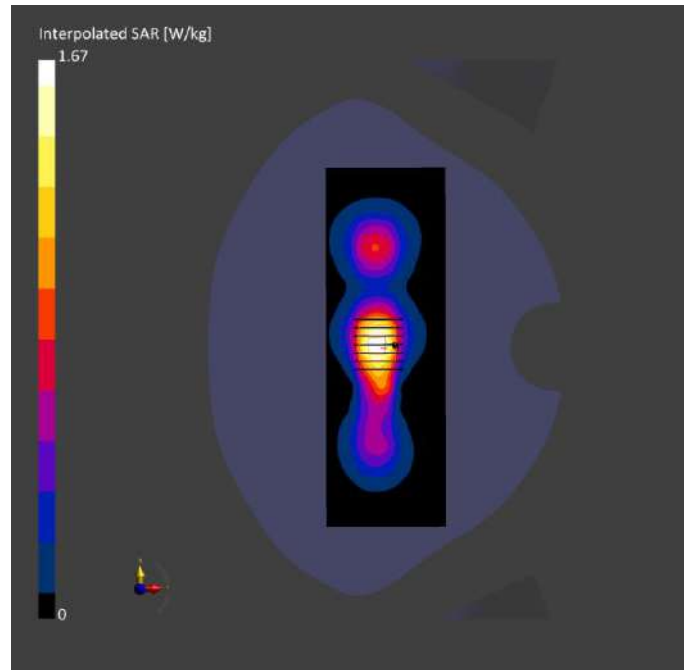
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-17	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-17	2024-03-17
psSAR1g [W/kg]	0.751	0.869
psSAR10g [W/kg]	0.386	0.422
Power Drift [dB]	-0.04	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		9.0



**Meas.51 Body Plane with Bottom Edge 0mm on Low Channel in LTE Band41 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 0.00	Band 41	LTE-TDD, 10172-CAH	2506.0, 39750	7.41	1.81	38.7	22.4	21.5

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-17	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

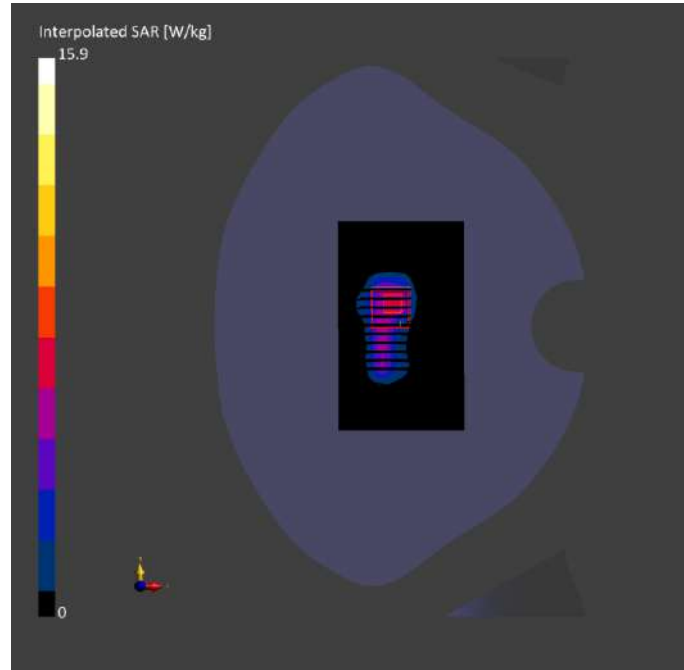
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-17	2024-03-17
psSAR1g [W/kg]	2.94	3.06
psSAR10g [W/kg]	1.41	1.38
Power Drift [dB]	0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		29.6
Dist 3dB Peak [mm]		4.0





**Meas.52 Right Head with Cheek on Middle Channel in NR Band5 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n5	5G NR FR1	836.5, 167300	9.96	0.919	41.0	22.2	21.9
			FDD, 10931-AAC						

**Hardware Setup**

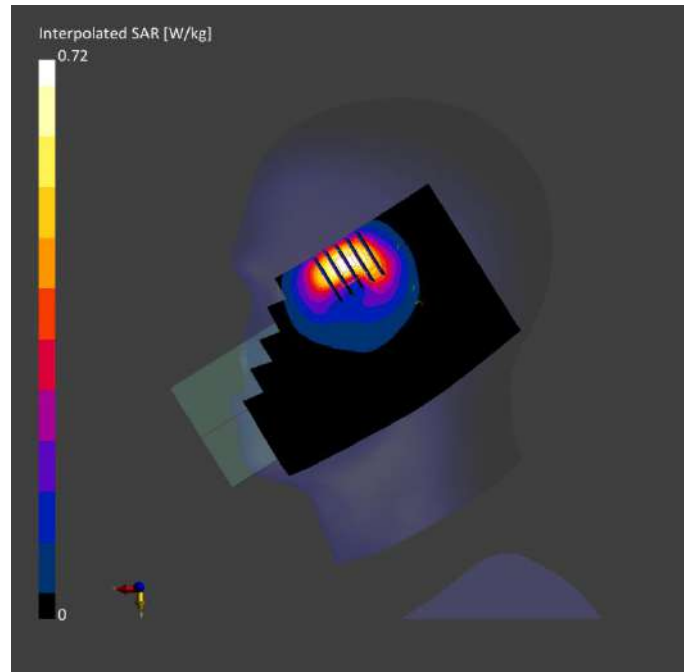
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2090	HBBL-600-10000 2024-02-28	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-28	2024-02-28
psSAR1g [W/kg]	0.379	0.376
psSAR10g [W/kg]	0.233	0.201
Power Drift [dB]	0.03	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.3
Dist 3dB Peak [mm]		6.5



**Meas.53 Body Plane with Back Side 15mm on Middle Channel in NR Band5 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n5	5G NR FR1	836.5, 167300	9.96	0.919	41.0	22.2	21.9
			FDD, 10931-AAC						

**Hardware Setup**

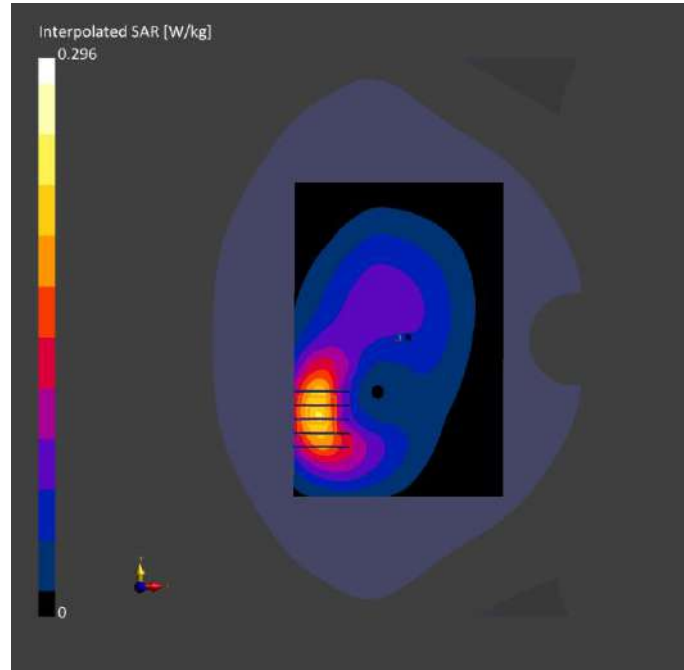
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-28	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-28	2024-02-28
psSAR1g [W/kg]	0.194	0.194
psSAR10g [W/kg]	0.125	0.122
Power Drift [dB]	-0.04	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.8
Dist 3dB Peak [mm]		13.2



**Meas.54 Body Plane with Right Edge 10mm on Middle Channel in NR Band5 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, RIGHT, 10.00	Band n5	5G NR FR1, FDD, 10931-AAC	839.0, 167800	9.96	0.923	40.8	22.2	21.9

**Hardware Setup**

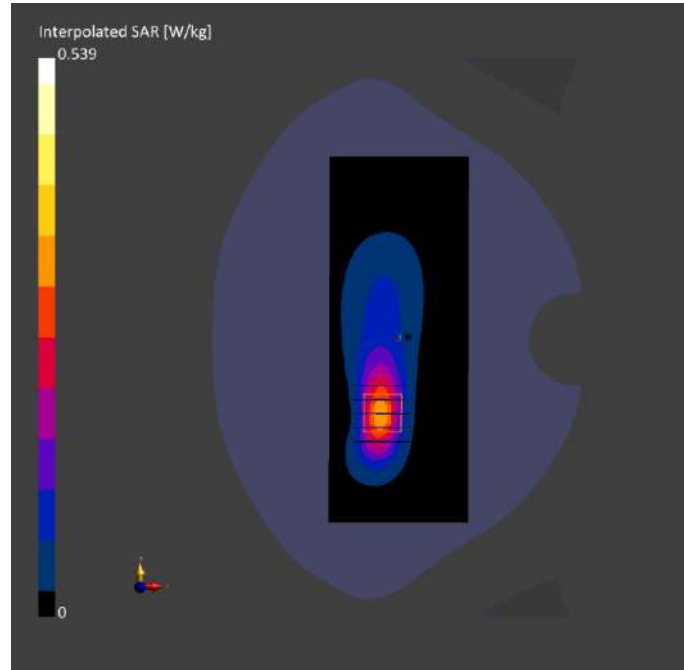
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-02-28	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-02-28	2024-02-28
psSAR1g [W/kg]	0.289	0.292
psSAR10g [W/kg]	0.168	0.158
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		9.6



**Meas.55 Right Head with Cheek on Middle Channel in NR Band7 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n7	5G NR FR1, FDD, 10931-AAC	2535.0, 507000	7.85	1.92	39.0	22.1	21.4

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

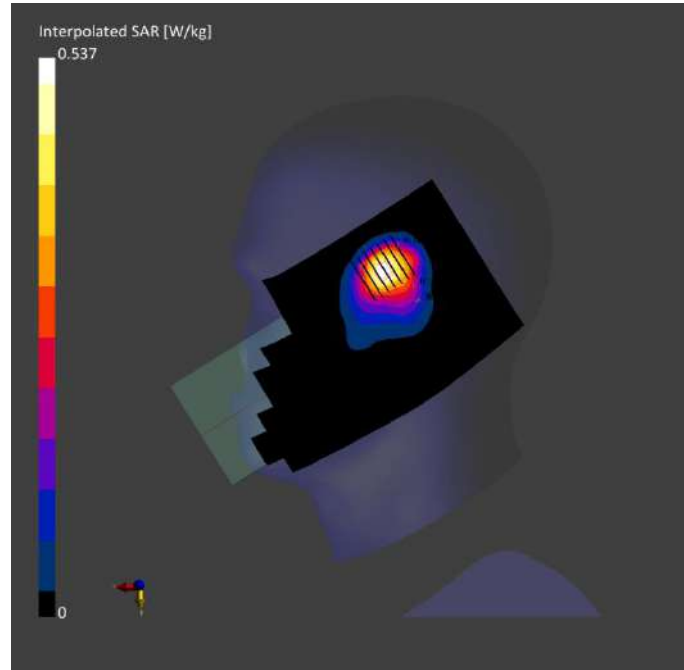
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-10	2024-03-10
psSAR1g [W/kg]	0.258	0.264
psSAR10g [W/kg]	0.132	0.124
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.8
Dist 3dB Peak [mm]		9.2





**Meas.56 Body Plane with Back Side 15mm on Middle Channel in NR Band7 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n7	5G NR FR1	2535.0, 507000	7.41	1.92	39.0	22.1	21.4
			FDD, 10931-AAC						

**Hardware Setup**

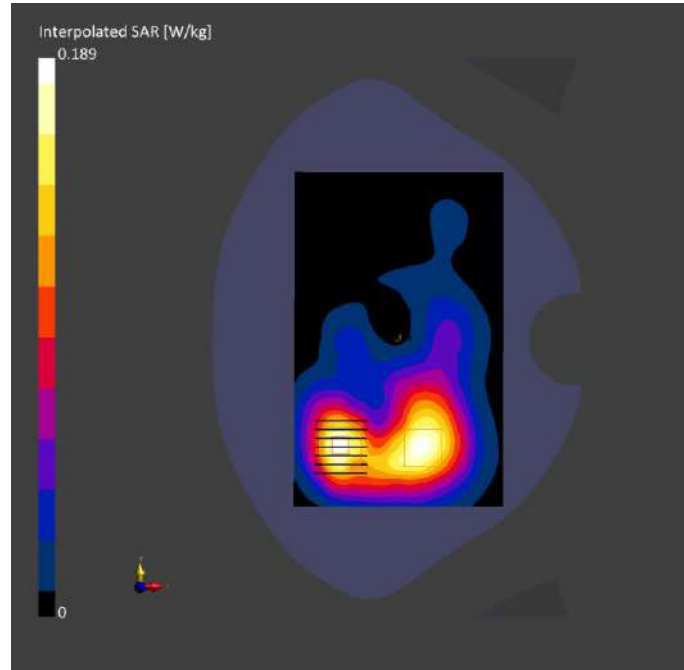
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-10	2024-03-10
psSAR1g [W/kg]	0.100	0.100
psSAR10g [W/kg]	0.055	0.052
Power Drift [dB]	0.05	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.3
Dist 3dB Peak [mm]		15.0



**Meas.57 Body Plane with Bottom Edge 10mm on Middle Channel in NR Band7 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 10.00	Band n7	5G NR, FR1, FDD, 10931-AAC	2535.0, 507000	7.85	1.92	39.0	22.1	21.4

**Hardware Setup**

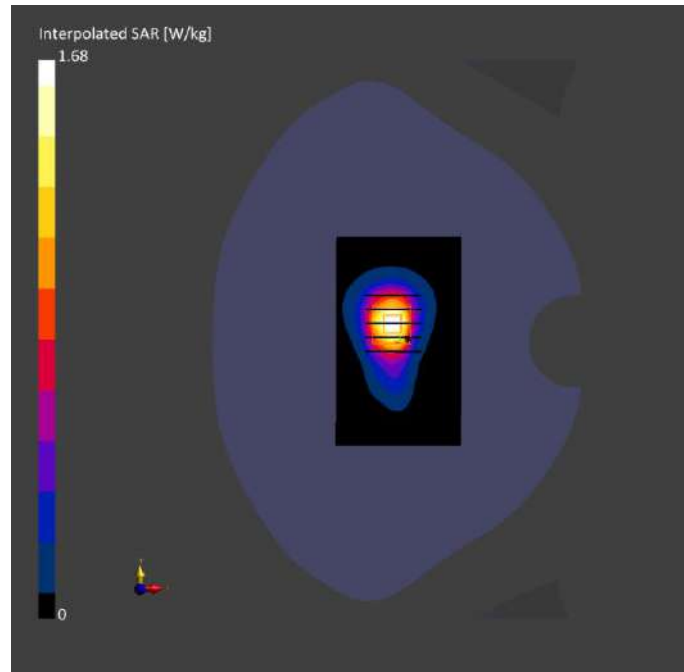
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-10	2024-03-10
psSAR1g [W/kg]	0.797	0.856
psSAR10g [W/kg]	0.393	0.413
Power Drift [dB]	0.08	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.3
Dist 3dB Peak [mm]		9.6



**Meas.58 Body Plane with Bottom Edge 0mm on Middle Channel in NR Band7 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, BOTTOM, 0.00	Band n7	5G NR, FR1, FDD, 10931-AAC	2535.0, 507000	7.41	1.92	39.0	22.1	21.4

**Hardware Setup**

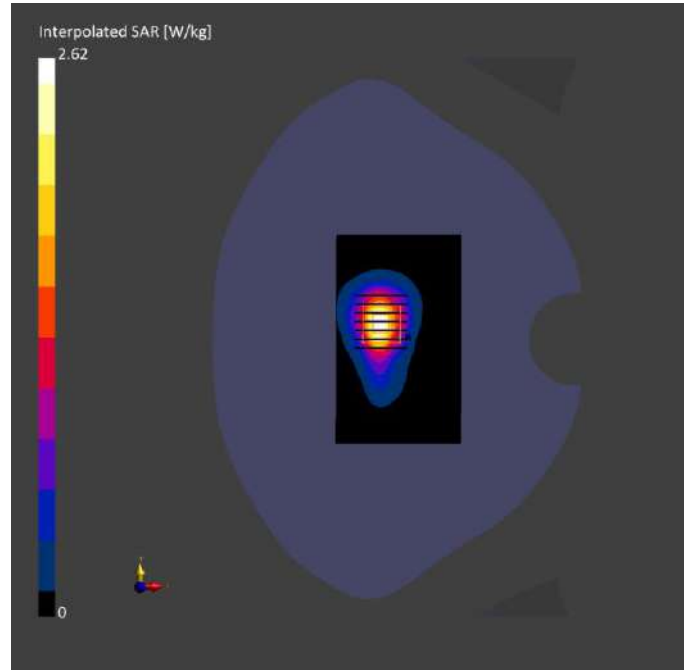
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-10	2024-03-10
psSAR1g [W/kg]	2.84	2.98
psSAR10g [W/kg]	1.32	1.43
Power Drift [dB]	0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.7
Dist 3dB Peak [mm]		9.5



**Meas.59 Left Head with Cheek on Low Channel in NR Band66 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	Band n66	5G NR FR1, FDD, 10934-AAC	1730.0, 346000	8.59	1.38	41.4	22.2	21.8

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-04	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

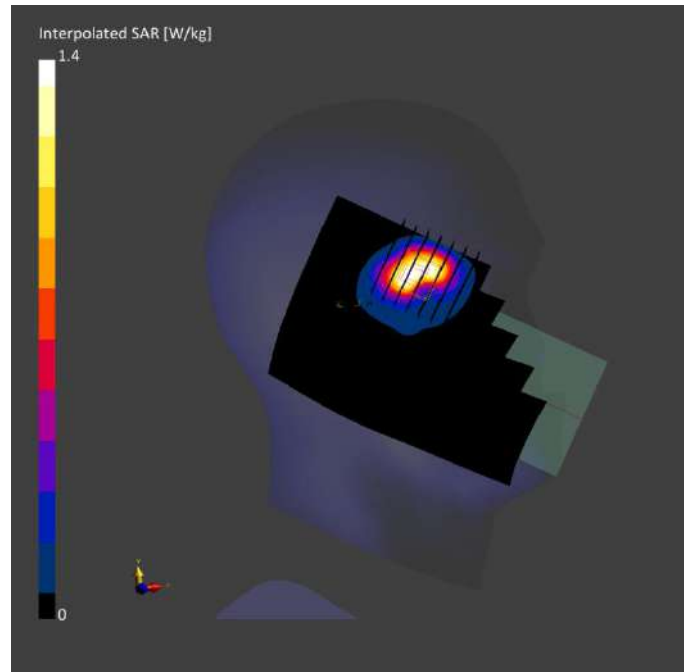
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-04	2024-03-04
psSAR1g [W/kg]	0.559	0.704
psSAR10g [W/kg]	0.307	0.336
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.9
Dist 3dB Peak [mm]		7.2





**Meas.60 Body Plane with Back Side 15mm on Middle Channel in NR Band66 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n66	5G NR FR1	1745.0, 349000	8.52	1.40	41.1	22.2	21.8
			FDD, 10934-AAC						

**Hardware Setup**

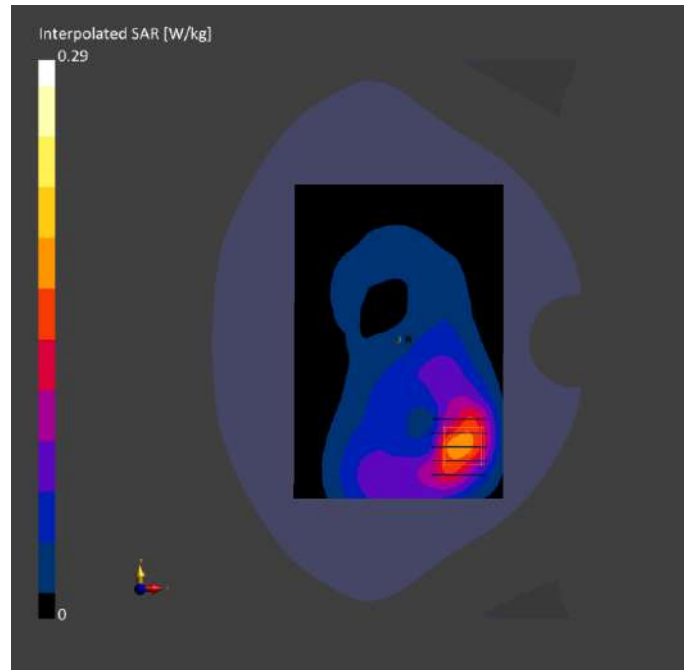
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-04	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-04	2024-03-04
psSAR1g [W/kg]	0.156	0.179
psSAR10g [W/kg]	0.092	0.102
Power Drift [dB]	0.05	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.5
Dist 3dB Peak [mm]		11.5



**Meas.61 Body Plane with Left Edge 10mm on Middle Channel in NR Band66 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, LEFT, 10.00	Band n66	5G NR FR1, FDD, 10934-AAC	1745.0, 349000	8.52	1.40	41.1	22.2	21.8

**Hardware Setup**

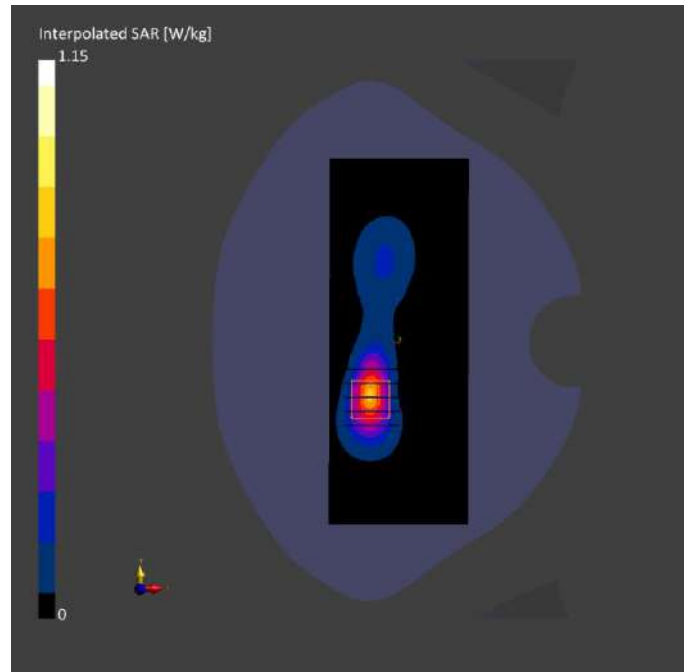
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-04	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-04	2024-03-04
psSAR1g [W/kg]	0.607	0.622
psSAR10g [W/kg]	0.304	0.316
Power Drift [dB]	0.14	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.7
Dist 3dB Peak [mm]		8.0



**Meas.62 Left Head with Cheek on Low Channel in NR Band38 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n38	5G NR FR1, TDD, 10900-AAC	2590.0, 518000	7.41	1.97	39.6	22.1	21.6

**Hardware Setup**

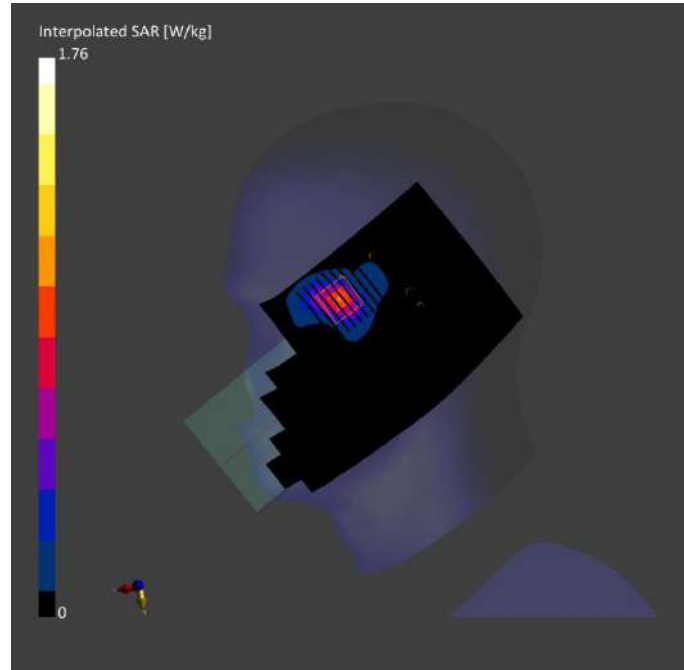
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-14	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-14	2024-03-14
psSAR1g [W/kg]	0.763	0.849
psSAR10g [W/kg]	0.349	0.367
Power Drift [dB]	-0.08	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.0
Dist 3dB Peak [mm]		8.0



**Meas.63 Body Plane with Back Side 15mm on Middle Channel in NR Band38 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n38	5G NR FR1	2595.0, 519000	7.41	1.98	39.4	22.1	21.6
			TDD, 10900-AAC						

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-14	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

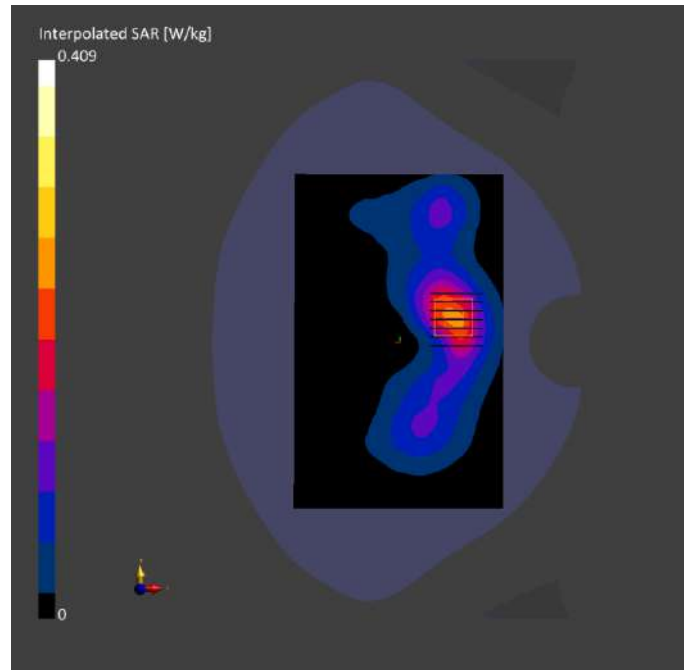
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-14	2024-03-14
psSAR1g [W/kg]	0.206	0.220
psSAR10g [W/kg]	0.108	0.114
Power Drift [dB]	0.06	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.2
Dist 3dB Peak [mm]		12.0





**Meas.64 Body Plane with Bottom Edge 10mm on Middle Channel in NR Band38 mode with Antenna 0**  
**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, TOP, 10.00	Band n38	5G NR FR1, TDD, 10770-AAE	2595.0, 519000	7.41	1.98	39.4	22.1	21.6

**Hardware Setup**

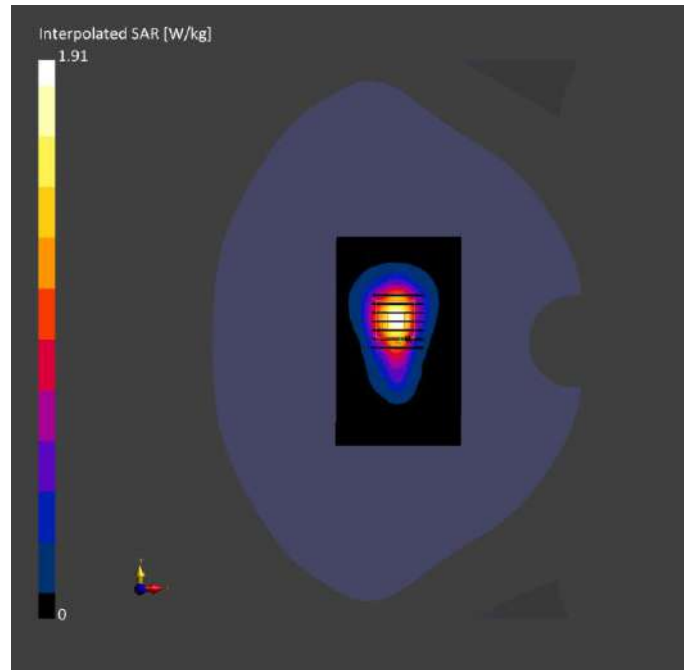
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-14	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-14	2024-03-14
psSAR1g [W/kg]	0.921	0.955
psSAR10g [W/kg]	0.436	0.457
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.6
Dist 3dB Peak [mm]		10.2



**Meas.65 Body Plane with Right Edge 0mm on Middle Channel in NR Band38 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, RIGHT, 0.00	Band n38	5G NR FR1, TDD, 10900-AAC	2595.0, 519000	7.41	1.98	39.4	22.1	21.6

**Hardware Setup**

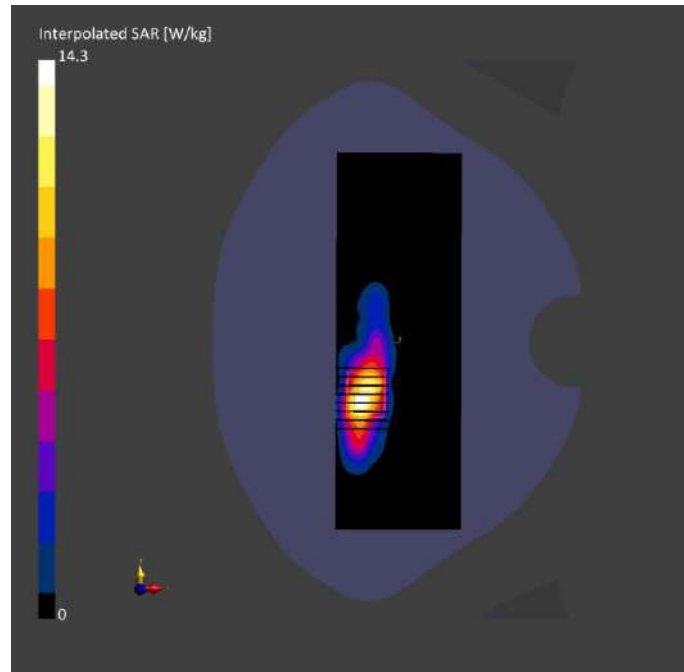
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-14	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-14	2024-03-14
psSAR1g [W/kg]	2.99	4.55
psSAR10g [W/kg]	1.42	1.60
Power Drift [dB]	0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		26.4
Dist 3dB Peak [mm]		4.0



**Meas.66 Left Head with Cheek on High Channel in NR Band41 mode with Antenna 4**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band n41	5G NR FR1	2640.0, 528000	7.41	2.01	38.3	22.3	21.5
			TDD, 10866-AAF						

**Hardware Setup**

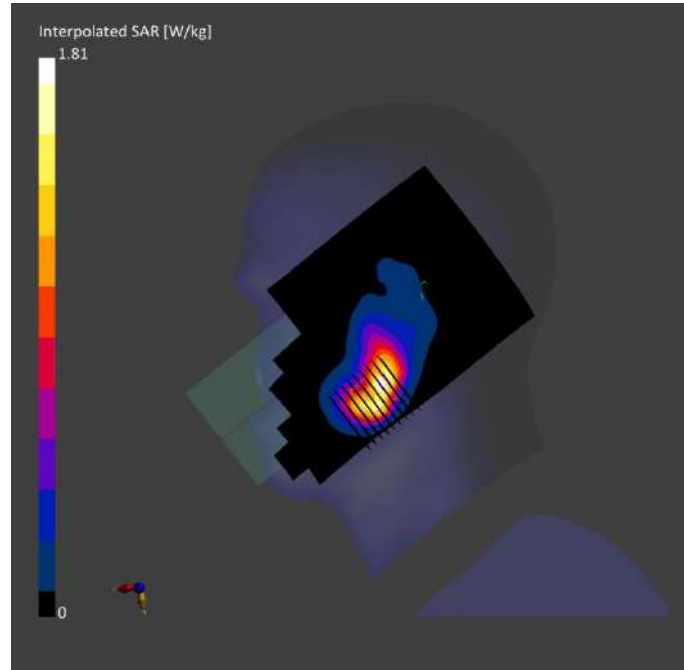
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-18	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-18	2024-03-18
psSAR1g [W/kg]	0.596	0.692
psSAR10g [W/kg]	0.291	0.317
Power Drift [dB]	0.05	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.2
Dist 3dB Peak [mm]		7.0



**Meas.67 Body Plane with Back Side 15mm on Middle Channel in NR Band41 mode with Antenna 5**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band n41	5G NR FR1	2593.0, 518598	7.41	1.95	38.9	22.3	21.5
			TDD, 10866-AAF						

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-18	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

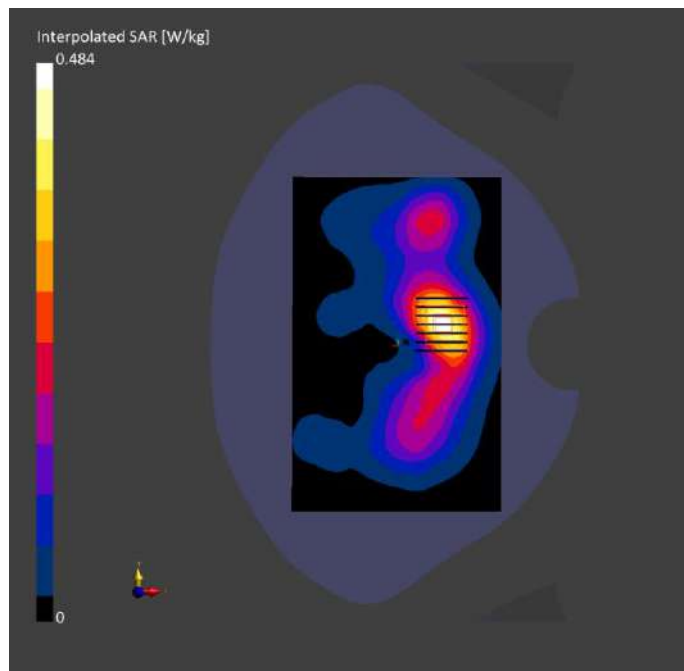
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-18	2024-03-18
psSAR1g [W/kg]	0.255	0.262
psSAR10g [W/kg]	0.131	0.136
Power Drift [dB]	-0.04	0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		11.3





**Meas.68 Body Plane with Bottom Edge 10mm on Middle Channel in NR Band41 mode with Antenna 0**  
**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, TOP, 10.00	Band n41	5G NR FR1, TDD, 10803-AAF	2593.0, 518598	7.41	1.95	38.9	22.3	21.5

**Hardware Setup**

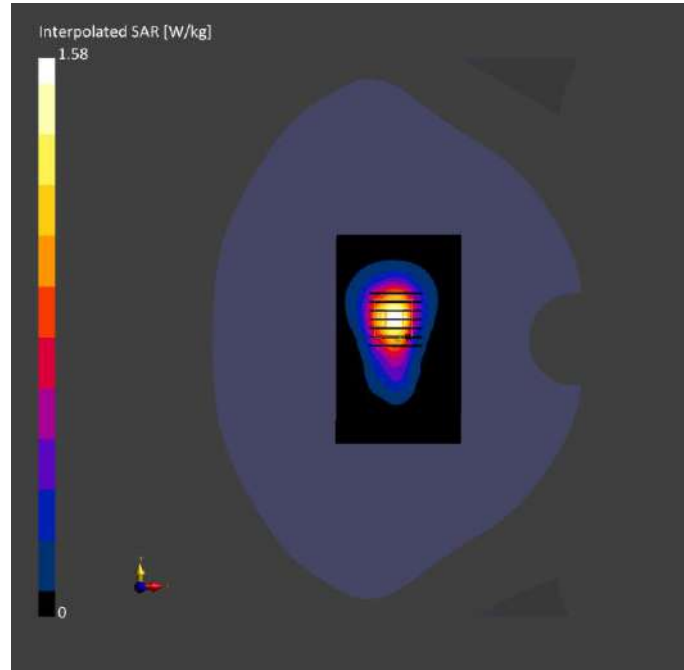
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-18	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-18	2024-03-18
psSAR1g [W/kg]	0.769	0.800
psSAR10g [W/kg]	0.372	0.385
Power Drift [dB]	0.07	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		10.0



**Meas.69 Body Plane with Right Edge 0mm on Middle Channel in NR Band41 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, RIGHT, 0.00	Band n41	5G NR FR1, TDD, 10866-AAF	2593.0, 518598	7.41	1.95	38.9	22.3	21.5

**Hardware Setup**

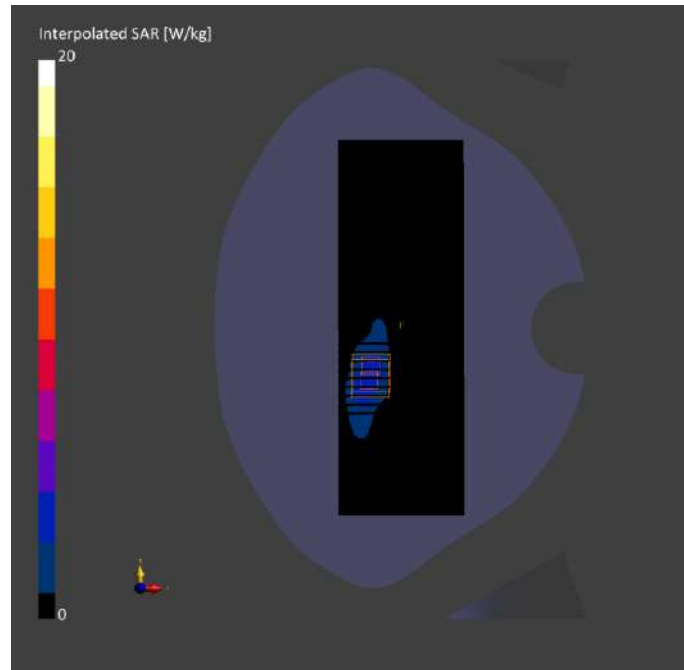
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-18	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-18	2024-03-18
psSAR1g [W/kg]	3.61	6.37
psSAR10g [W/kg]	1.76	2.13
Power Drift [dB]	0.09	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		27.5
Dist 3dB Peak [mm]		4.1



**Meas.70 Left Head with Tilt on 6 Channel in IEEE802.11b mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom	Position, Test Section, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	TILT, 0.00	WLAN 2.4GHZ	WLAN, 10012-CAB	2437.0, 6	7.47	1.81	38.3	22.2	21.9

**Hardware Setup**

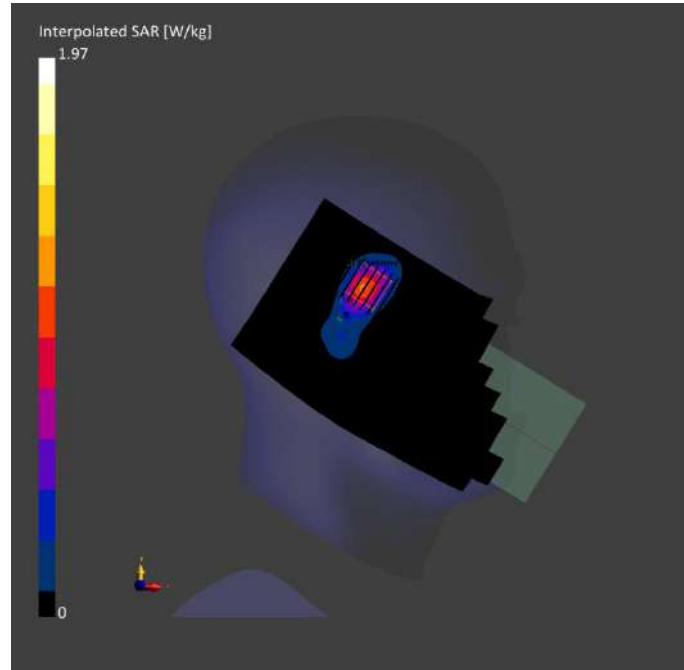
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	0.809	0.845
psSAR10g [W/kg]	0.359	0.385
Power Drift [dB]	-0.04	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.0
Dist 3dB Peak [mm]		9.0



**Meas.71 Body Plane with Bask Side 15mm on 6 Channel in IEEE 802.11b mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	WLAN 2.4GHz	WLAN, z 10012-CAB	2437.0, 6	7.47	1.81	38.3	22.2	21.9

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

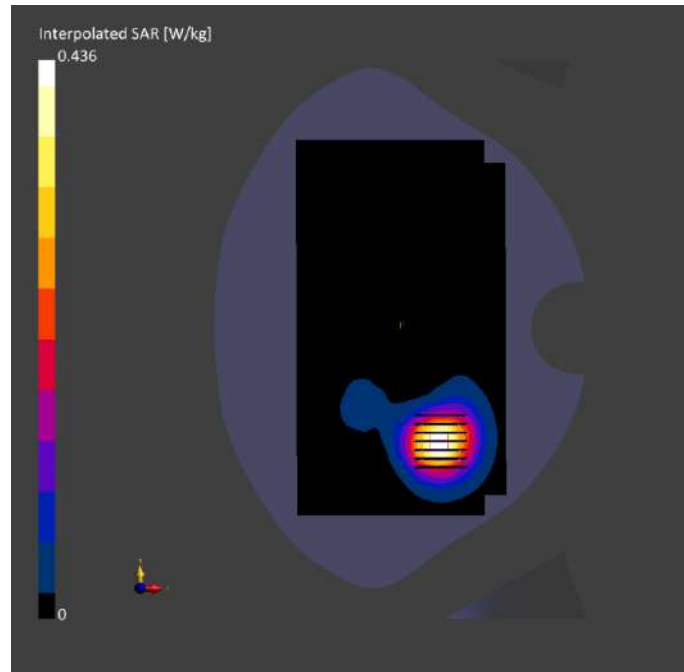
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface	VMS + 6p	VMS + 6p
Detection	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	0.226	0.238
psSAR10g [W/kg]	0.118	0.124
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		13.6





**Meas.72 Body Plane with Bask Side 10mm on 6 Channel in IEEE 802.11b mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	WLAN 2.4GHz	WLAN, 10012-CAB	2437.0, 6	7.47	1.81	38.3	22.2	21.9

**Hardware Setup**

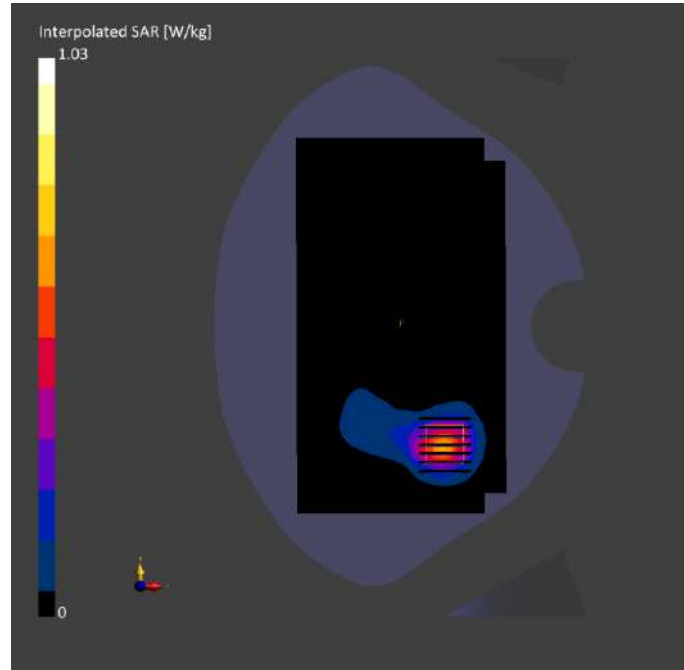
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	0.536	0.554
psSAR10g [W/kg]	0.264	0.273
Power Drift [dB]	0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.5
Dist 3dB Peak [mm]		11.0



**Meas.73 Body Plane with Top Edge 0mm on 6 Channel in IEEE 802.11b mode with Antenna 12**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, TOP, 0.00	WLAN, 2.4GHZ	WLAN, 10012-CAB	2437.0, 6	7.47	1.81	38.3	22.2	21.9

**Hardware Setup**

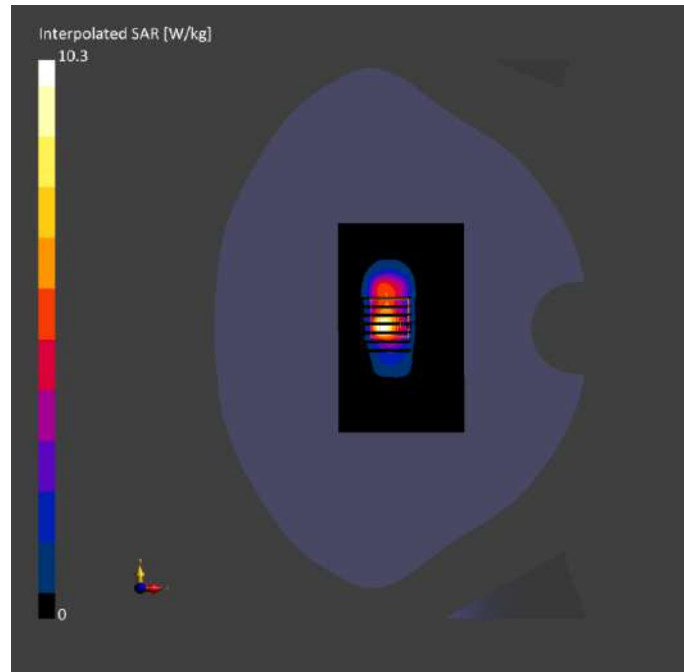
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	2.16	3.31
psSAR10g [W/kg]	0.903	1.05
Power Drift [dB]	0.11	-0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		23.5
Dist 3dB Peak [mm]		4.0



**Meas.74 Left Head with Cheek on 64 Channel in IEEE802.11a mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	WLAN, N	WLAN, 10062-CAE	5320.0, 64	5.41	4.88	35.2	22.6	21.9

**Hardware Setup**

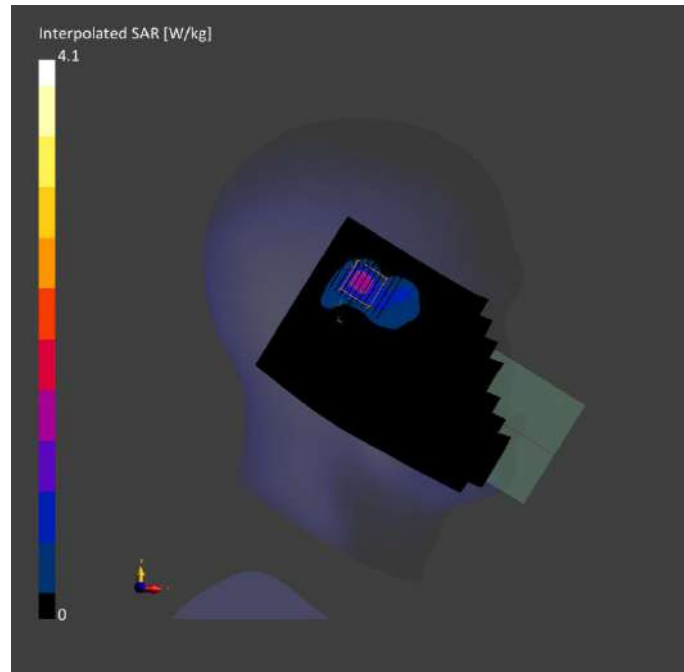
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-20	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	N/A	N/A
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-20	2024-03-20
psSAR1g [W/kg]	0.572	0.620
psSAR10g [W/kg]	0.205	0.217
Power Drift [dB]	0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		7.5



**Meas.75 Left Head with Cheek on 134 Channel in IEEE802.11n40 mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	WLAN, 5GHz	WLAN, 10534- AAC	5670.0, 134	4.58	5.11	35.0	22.5	21.8

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-21	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

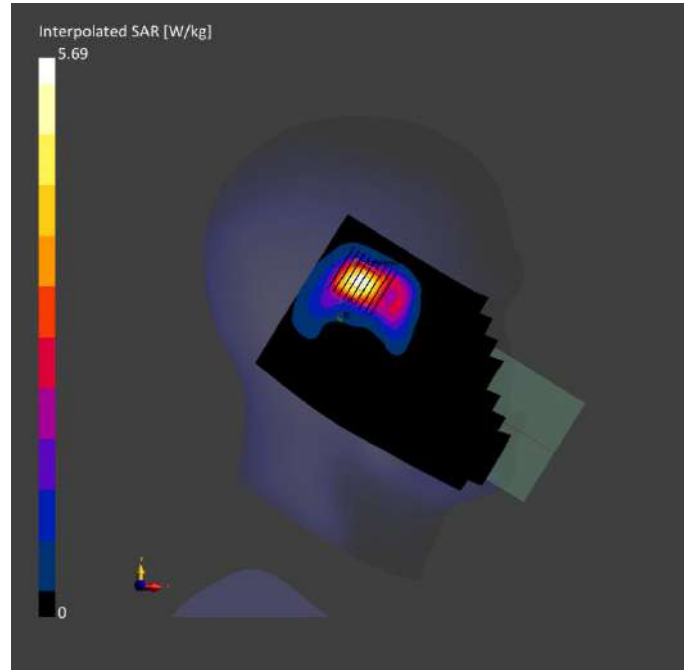
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	N/A	N/A
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-21	2024-03-21
psSAR1g [W/kg]	0.658	0.696
psSAR10g [W/kg]	0.123	0.128
Power Drift [dB]	0.04	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.4
Dist 3dB Peak [mm]		8.0





**Meas.76 Left Head with Cheek on 151 Channel in IEEE802.11n40 mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	WLAN, N	WLAN, 10534-	5755.0, 151	4.78	5.05	36.0	22.7	21.8
		5GHz	AAC						

**Hardware Setup**

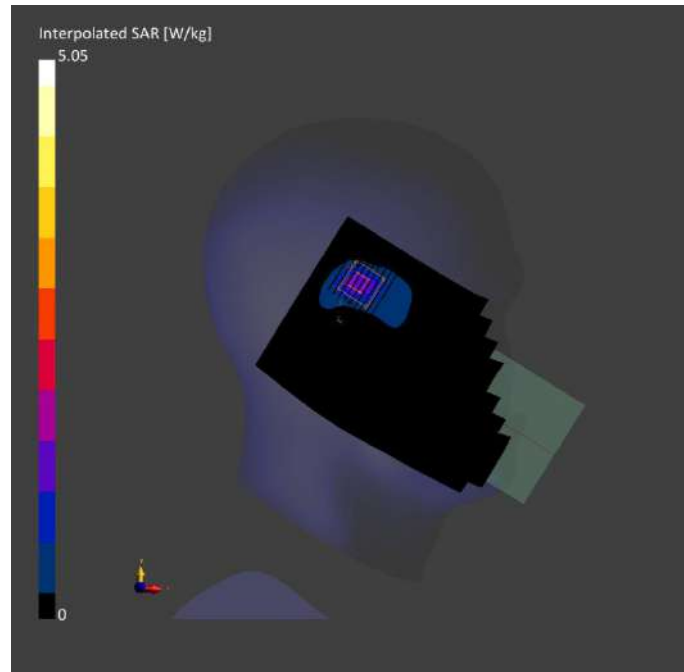
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-22	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	N/A	N/A
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-22	2024-03-22
psSAR1g [W/kg]	0.648	0.686
psSAR10g [W/kg]	0.247	0.252
Power Drift [dB]	0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.6
Dist 3dB Peak [mm]		8.0



**Meas.77 Body Plane with Bask Side 15mm on 64 Channel in IEEE 802.11a mode with Antenna MIMO Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	WLAN, N	WLAN, 10062-CAD	5320.0, 64	5.41	4.89	35.2	22.6	21.9

**Hardware Setup**

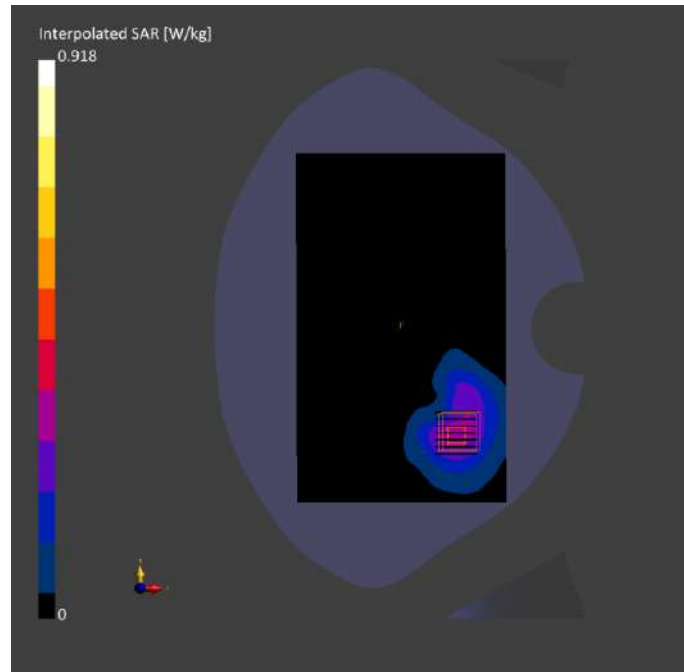
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-20	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	Y	Y
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-20	2024-03-20
psSAR1g [W/kg]	0.281	0.280
psSAR10g [W/kg]	0.119	0.117
Power Drift [dB]	-0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.6
Dist 3dB Peak [mm]		12.5



## Meas.78 Body Plane with Bask Side 15mm on 110 Channel in IEEE 802.11n40 mode with Antenna MIMO

### Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

### Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	WLAN 5GHz	WLAN, 10534-AAC	5550.0, 110	4.58	4.92	36.0	22.5	21.8

### Hardware Setup

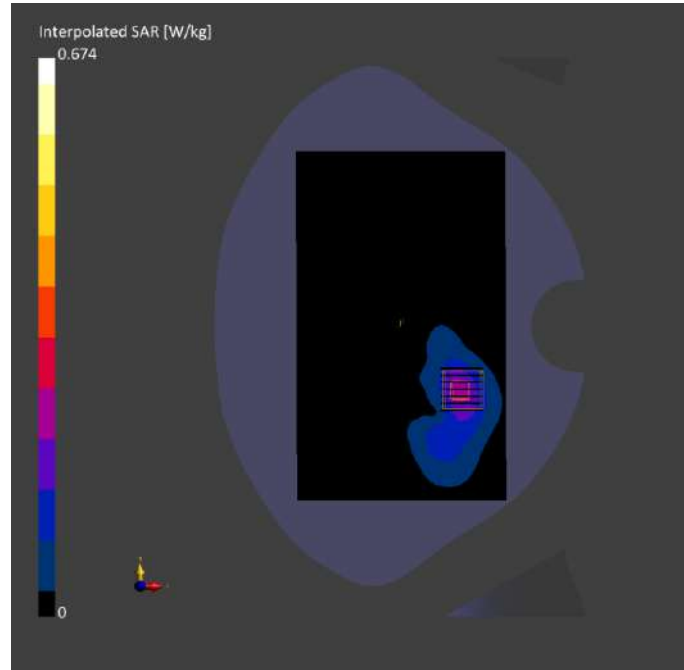
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twins-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-21	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-21	2024-03-21
psSAR1g [W/kg]	0.186	0.193
psSAR10g [W/kg]	0.072	0.072
Power Drift [dB]	0.02	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		10.4



**Meas.79 Body Plane with Bask Side 15mm on 151 Channel in IEEE 802.11n40 mode with Antenna MIMO Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	WLAN, N	WLAN, 10534- AAC	5755.0, 151	4.78	5.05	36.0	22.7	21.8

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-22	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

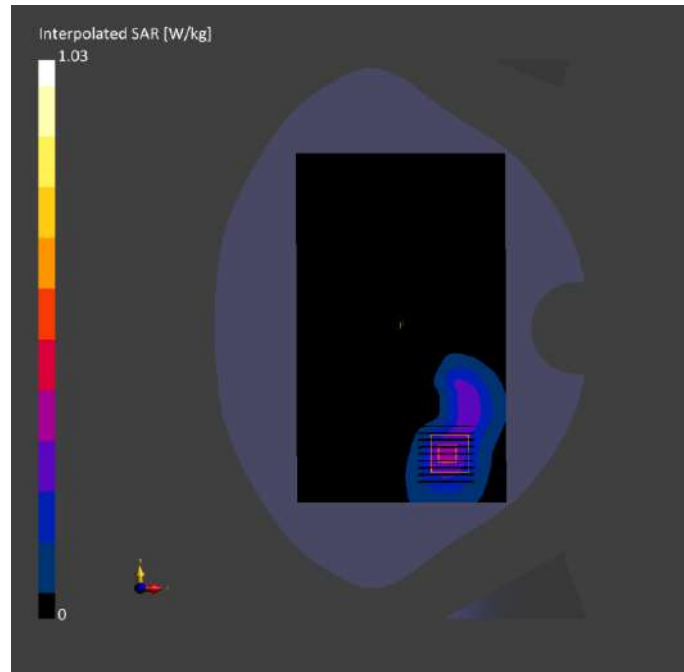
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	Y	Y
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-22	2024-03-22
psSAR1g [W/kg]	0.291	0.291
psSAR10g [W/kg]	0.119	0.115
Power Drift [dB]	0.03	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.5
Dist 3dB Peak [mm]		13.0





**Meas.80 Body Plane with Left Edge 10mm on 48 Channel in IEEE 802.11n20 mode with Antenna MIMO Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, LEFT, 0.00	WLAN, N	WLAN, 10193-CAD	5240.0, 48	5.41	4.75	35.6	22.6	21.9

**Hardware Setup**

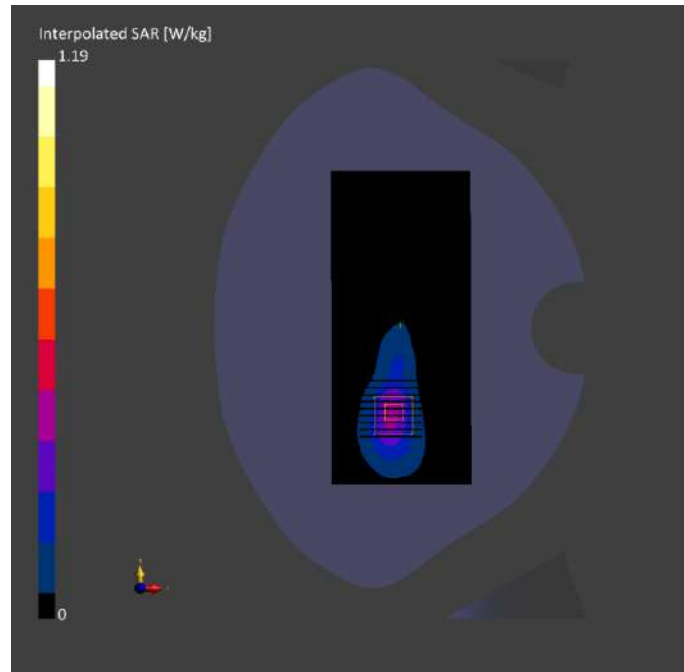
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-20	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	Y	Y
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-20	2024-03-20
psSAR1g [W/kg]	0.324	0.345
psSAR10g [W/kg]	0.131	0.136
Power Drift [dB]	0.13	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		9.7



**Meas.81 Body Plane with Top Edge 10mm on 151 Channel in IEEE 802.11n40 mode with Antenna MIMO Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, TOP, 0.00	WLAN, N	WLAN, 10534-AAC	5755.0, 151	4.78	5.05	36.0	22.7	21.8

**Hardware Setup**

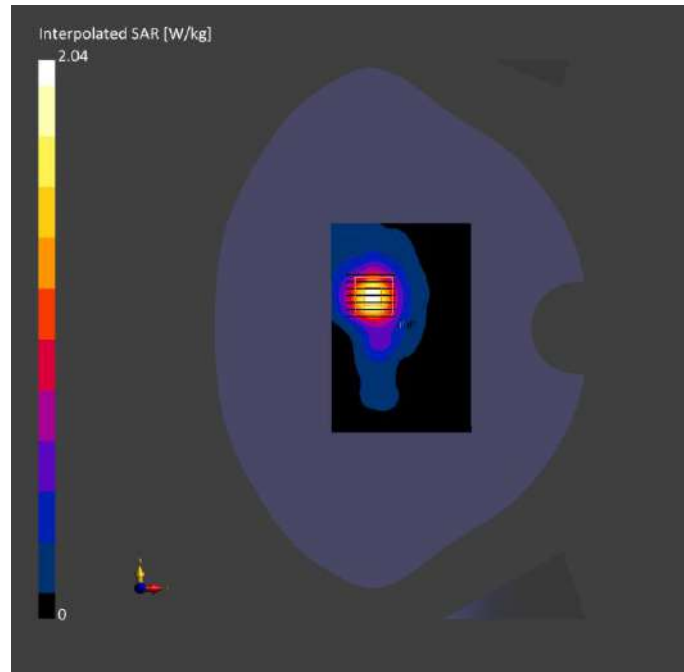
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-22	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	Y	Y
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-22	2024-03-22
psSAR1g [W/kg]	0.536	0.548
psSAR10g [W/kg]	0.196	0.198
Power Drift [dB]	-0.02	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.0
Dist 3dB Peak [mm]		10.9



**Meas.82 Body Plane with Left Edge 0mm on 64 Channel in IEEE 802.11a mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, LEFT, 0.00	WLAN, N	WLAN, 10062-CAD	5320.0, 64	5.41	4.88	35.2	22.6	21.9

**Hardware Setup**

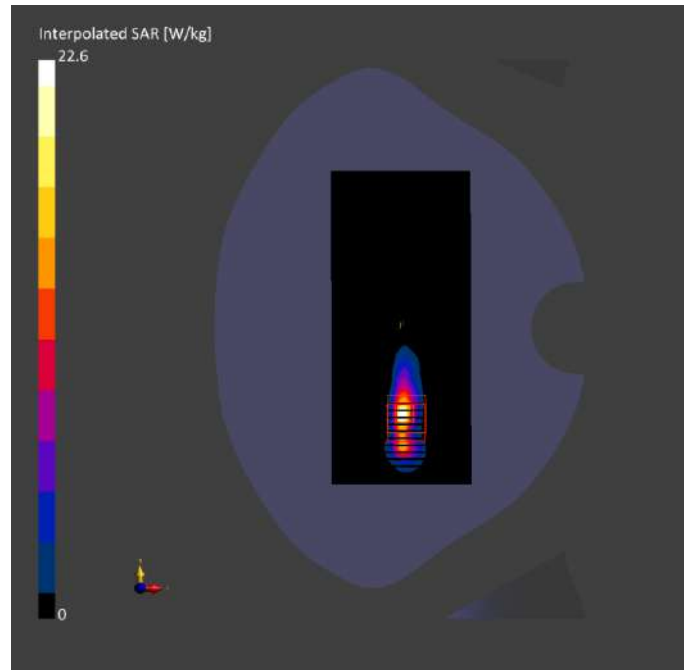
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-20	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	N/A	N/A
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-20	2024-03-20
psSAR1g [W/kg]	4.34	4.62
psSAR10g [W/kg]	1.17	1.12
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.6
Dist 3dB Peak [mm]		4.0



**Meas.83 Body Plane with Left Edge 0mm on 110 Channel in IEEE 802.11n40 mode with Antenna MIMO**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom	Position, Test Section, TSL	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, LEFT, 0.00	WLAN, N	5550.0, 10534- AAC	4.58	4.92	36.0	22.5	21.8	

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-21	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

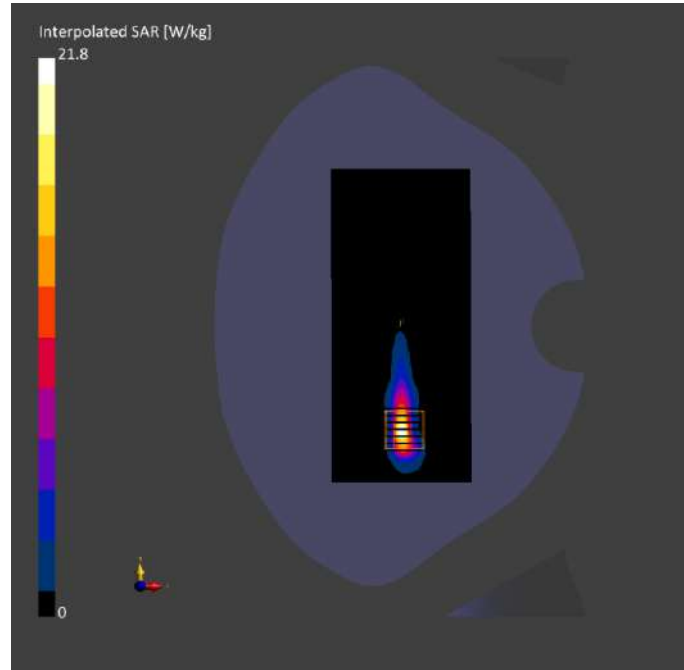
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-21	2024-03-21
psSAR1g [W/kg]	3.85	4.10
psSAR10g [W/kg]	1.01	1.02
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.5
Dist 3dB Peak [mm]		3.1





**Meas.84 Body Plane with Left Edge 0mm on 151 Channel in IEEE 802.11n40 mode with Antenna 9**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, LEFT, 0.00	WLAN, N	WLAN, 10534-AAC	5755.0, 151	4.78	5.05	36.0	22.7	21.8

**Hardware Setup**

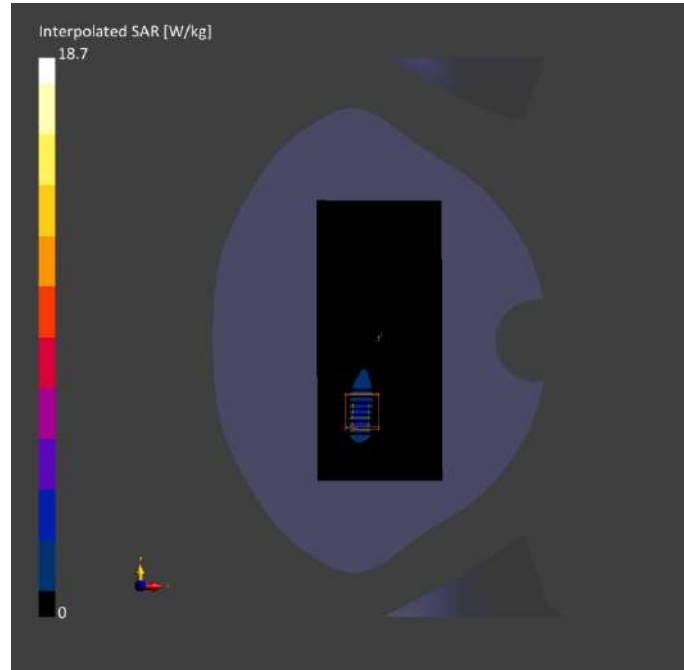
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-22	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA Surface	N/A	N/A
Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-22	2024-03-22
psSAR1g [W/kg]	2.61	3.08
psSAR10g [W/kg]	0.817	0.862
Power Drift [dB]	0.05	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.1
Dist 3dB Peak [mm]		3.2



**Meas.85 Left Head with Cheek on 39 Channel in Bluetooth mode with Antenna 13**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
LeftHead, HSL	CHEEK, 0.00	ISM, 2.4 GHz Band	Bluetooth, 10032-CAA	2441.0, 39	7.47	1.82	38.2	22.2	21.9

**Hardware Setup**

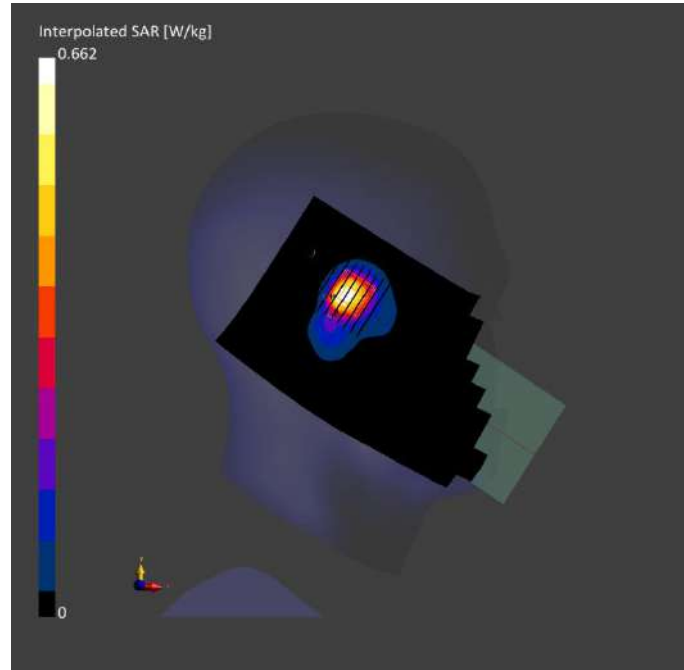
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	0.116	0.138
psSAR10g [W/kg]	0.057	0.061
Power Drift [dB]	-0.05	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.3
Dist 3dB Peak [mm]		8.0



**Meas.86 Body Plane with Bask Side 15mm on 39 Channel in Bluetooth mode with Antenna 13**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	ISM, 2.4 GHz Band	Bluetooth, 10032-CAA	2441.0, 39	7.47	1.82	38.2	22.2	21.9

**Hardware Setup**

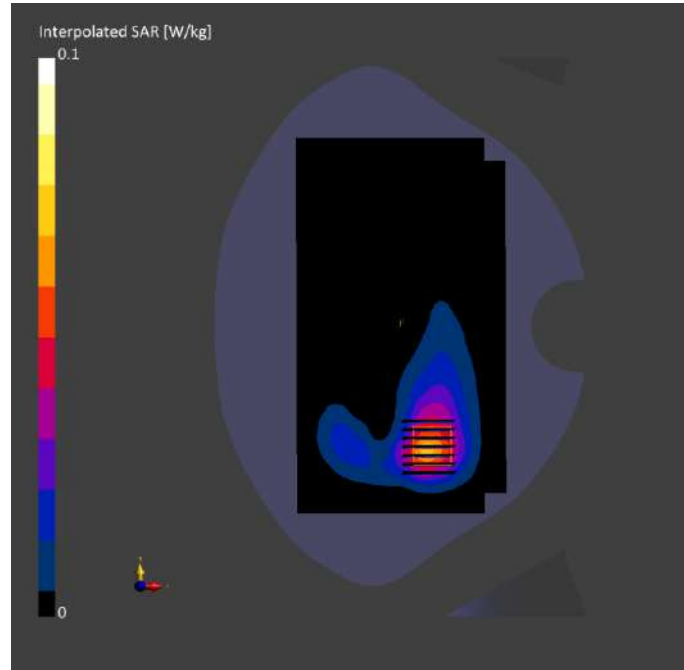
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	0.009	0.009
psSAR10g [W/kg]	0.003	0.004
Power Drift [dB]	0.08	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.5
Dist 3dB Peak [mm]		> 15.0



**Meas.87 Body Plane with Bask Side 10mm on 39 Channel in Bluetooth mode with Antenna 13**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 10.00	ISM, 2.4 GHz Band	Bluetooth, 10032-CAA	2441.0, 39	7.47	1.82	38.2	22.2	21.9

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

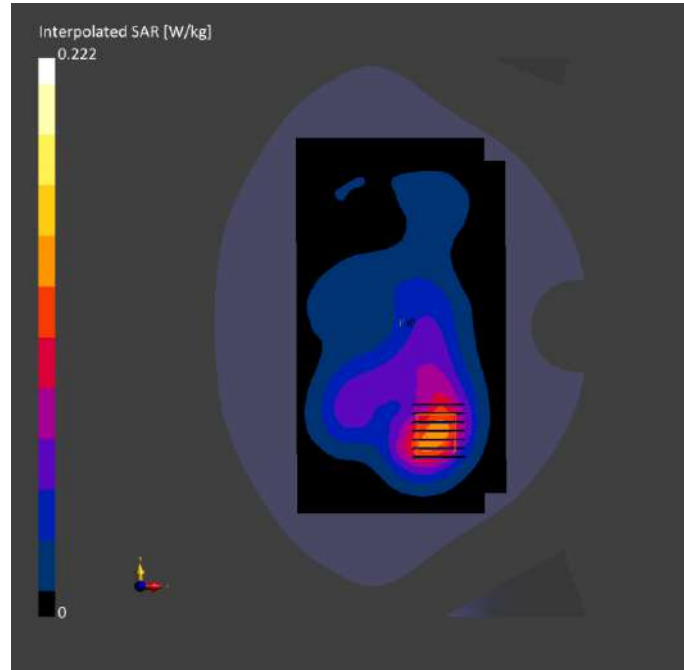
**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	0.058	0.060
psSAR10g [W/kg]	0.029	0.030
Power Drift [dB]	-0.07	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.8
Dist 3dB Peak [mm]		13.6





**Meas.88 Body Plane with Top Edge 0mm on 39 Channel in Bluetooth mode with Antenna 13**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	165.0 x 75.0 x 8.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE, TOP, 0.00	ISM, 2.4 GHz Band	Bluetooth, 10032-CAA	2441.0, 39	7.47	1.82	38.2	22.2	21.9

**Hardware Setup**

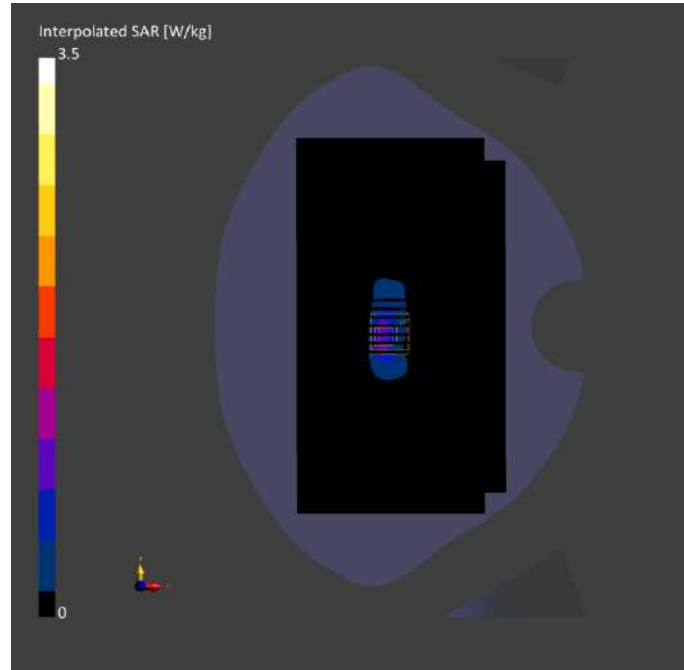
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-03-07	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn878, 2023-03-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-03-07	2024-03-07
psSAR1g [W/kg]	0.791	1.20
psSAR10g [W/kg]	0.348	0.396
Power Drift [dB]	0.01	0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		25.3
Dist 3dB Peak [mm]		4.0



## Meas.89 Right Head with Cheek on High Channel in LTE Band38 mode with Antenna 5

### Device under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Bale-D	164.5 x 75.5 x 10.0	Phone

### Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
RightHead, HSL	CHEEK, 0.00	Band 38	LTE-TDD, 10172-CAH	2610.0, 38150	7.41	2.04	37.8	22.3	21.3

### Hardware Setup

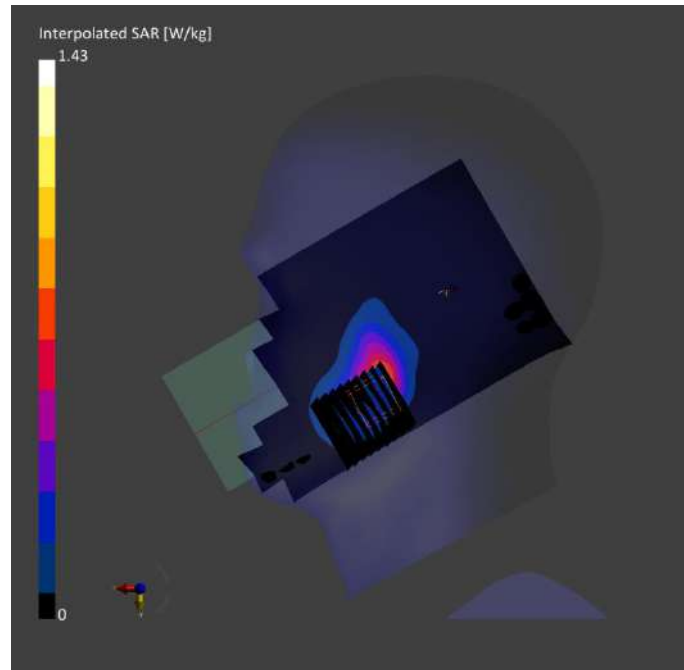
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twins-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-04-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn1710, 2024-01-03

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	All points	All points
Detection		
Scan Method	Measured	Measured

### Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-10	2024-04-10
psSAR1g [W/kg]	0.636	0.685
psSAR10g [W/kg]	0.312	0.314
Power Drift [dB]	-0.03	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		47.5
Dist 3dB Peak [mm]		5.3



**Meas.90 Body Plane with Back Side 15mm on Middle Channel in LTE Band38 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Bale-D	164.5 x 75.5 x 10.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	BACK, 15.00	Band 38	LTE-TDD, 10172-CAH	2595.0, 38000	7.41	1.96	39.1	22.3	21.3

**Hardware Setup**

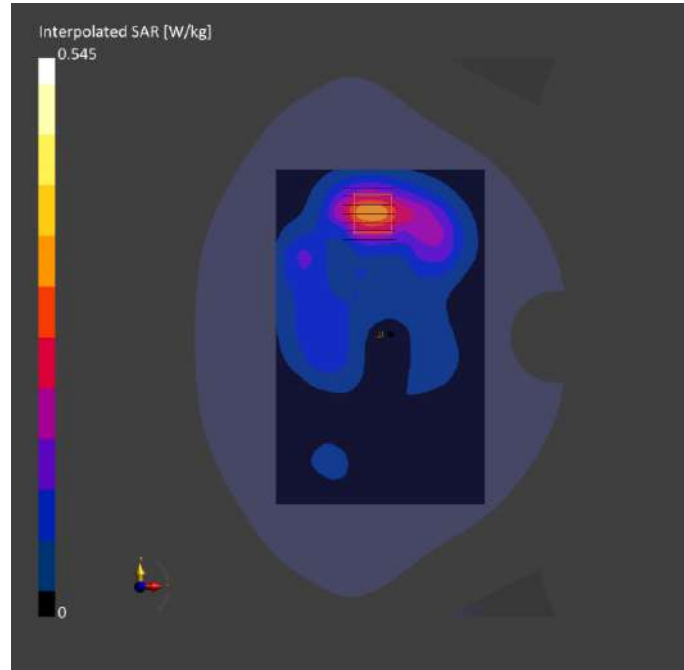
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-04-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn1710, 2024-01-03

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	All points	All points
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-04-10	2024-04-10
psSAR1g [W/kg]	0.280	0.289
psSAR10g [W/kg]	0.145	0.152
Power Drift [dB]	0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.4
Dist 3dB Peak [mm]		13.9



**Meas.91 Body Plane with Bottom Edge 10mm on 519000 Channel in NR Band38 mode with Antenna 0**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Bale-D	164.5 x 75.5 x 10.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE BOTTOM, 10.00	Band n38	5G NR FR1 TDD, 10903-AAD	2595.0, 519000	7.41	1.96	39.1	22.3	21.3

**Hardware Setup**

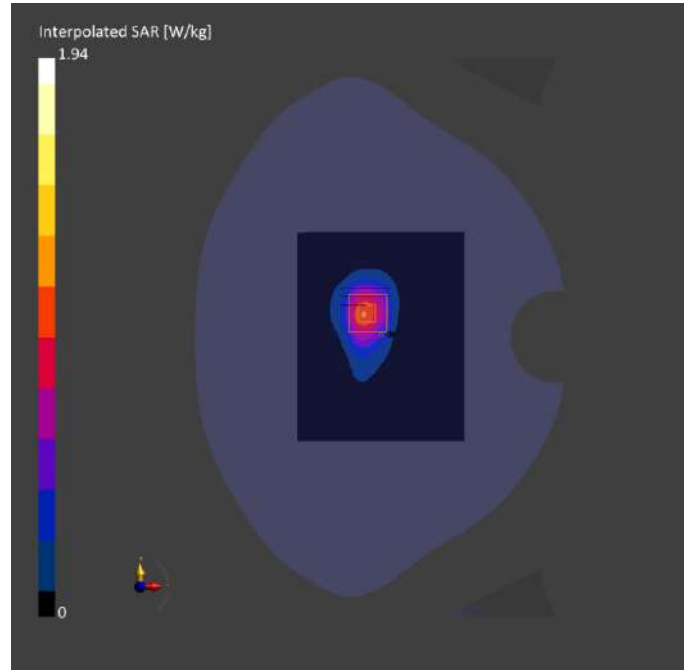
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-04-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn1710, 2024-01-03

**Scan Setup**

**Measurement Results**

	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date	2024-04-10	2024-04-10
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]	0.899	0.954
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.431	0.446
Graded Grid	Yes	Yes	Power Drift [dB]	0.10	-0.07
Grading Ratio	1.5	1.5	Power Scaling	Disabled	Disabled
MAIA Surface	N/A	N/A	Scaling Factor [dB]		
Detection	All points	All points	TSL Correction	No correction	No correction
Scan Method	Measured	Measured	M2/M1 [%]		50.7
			Dist 3dB Peak [mm]		10.0





**Meas.92 Body Plane with Right Edge 0mm on 518598 Channel in NR Band41 mode with Antenna 1**

**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Bale-D	164.5 x 75.5 x 10.0	Phone

**Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	Ambient Temperature [°C]	Liquid Temperature [°C]
Flat, HSL	EDGE RIGHT, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2592.99, 518598	7.41	1.91	39.3	22.3	21.3

**Hardware Setup**

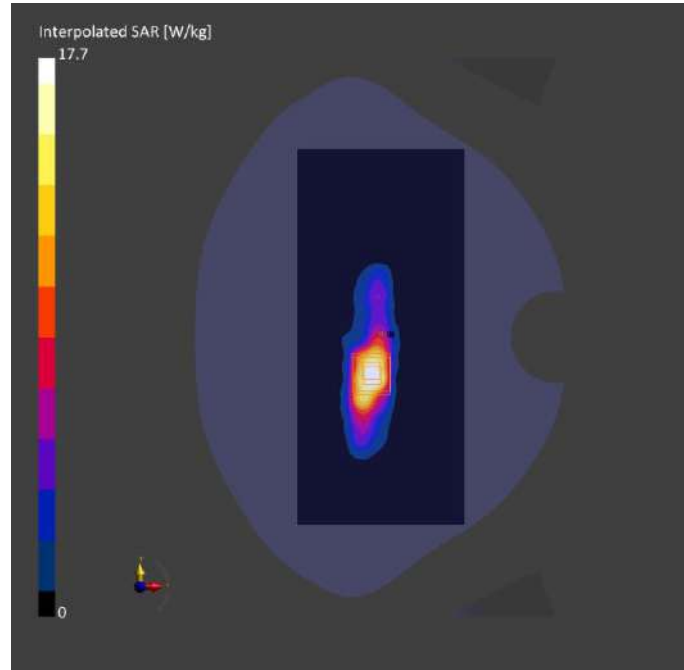
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1859	HBBL-600-10000 2024-04-10	EX3DV4 - SN7607, 2023-07-04	DAE4 Sn1710, 2024-01-03

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface	All points	All points
Detection		
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-04-10	2024-04-10
psSAR1g [W/kg]	3.22	5.79
psSAR10g [W/kg]	1.52	1.90
Power Drift [dB]	0.07	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		30.2
Dist 3dB Peak [mm]		5.0



## **ANNEX D EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2440298-AW.pdf”.

## **ANNEX E SAR TEST SETUP PHOTOS**

Please refer the document “BL-SZ2440298-AS.pdf”.

## **ANNEX F CALIBRATION REPORT**

Please refer the document “BL-SZ2440298-AC.pdf”.

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