N7	Front	1RB	0.162	0.046	0.013	0.020	0.208	1.6
	Back		0.218	0.066	0.024	0.030	0.284	
	Left		0.100	0.035	0.004	0.010	0.135	
	right		0.024	0.009	0.011	0.008	0.035	
	Top		0.063	0.019	0.008	0.014	0.082	
	Bottom		0.014	0.006	0.003	0.004	0.020	
	Front	50%RB	0.121	0.046	0.013	0.020	0.167	
	Back		0.161	0.066	0.024	0.030	0.227	
	Left		0.076	0.035	0.004	0.010	0.111	
	right		0.018	0.009	0.011	0.008	0.029	
	Top		0.054	0.019	0.008	0.014	0.073	
	Bottom		0.011	0.006	0.003	0.004	0.017	
N12	Front	1RB	0.097	0.046	0.013	0.020	0.143	
	Back		0.136	0.066	0.024	0.030	0.202	
	Left		0.036	0.035	0.004	0.010	0.071	
	right		0.024	0.009	0.011	0.008	0.035	
	Top		0.034	0.019	0.008	0.014	0.053	
	Bottom		0.013	0.006	0.003	0.004	0.019	
	Front	50%RB	0.062	0.046	0.013	0.020	0.108	
	Back		0.075	0.066	0.024	0.030	0.141	
	Left		0.034	0.035	0.004	0.010	0.069	
	right		0.017	0.009	0.011	0.008	0.028	
	Top		0.029	0.019	0.008	0.014	0.048	
	Bottom		0.006	0.006	0.003	0.004	0.012	
N38	Front	1RB	0.165	0.046	0.013	0.020	0.211	
	Back		0.296	0.066	0.024	0.030	0.362	
	Left		0.059	0.035	0.004	0.010	0.094	
	right		0.014	0.009	0.011	0.008	0.025	
	Top		0.037	0.019	0.008	0.014	0.056	
	Bottom		0.008	0.006	0.003	0.004	0.014	
	Front	50%RB	0.079	0.046	0.013	0.020	0.125	
	Back		0.154	0.066	0.024	0.030	0.220	
	Left		0.023	0.035	0.004	0.010	0.058	
	right		0.008	0.009	0.011	0.008	0.019	
	Top		0.018	0.019	0.008	0.014	0.037	
	Bottom		0.005	0.006	0.003	0.004	0.011	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 1g(W/kg)			
N41	Front	1RB	0.133	0.046	0.013	0.020	0.179	1.6
	Back		0.259	0.066	0.024	0.030	0.325	
	Left		0.073	0.035	0.004	0.010	0.108	
	right		0.019	0.009	0.011	0.008	0.030	
	Top		0.034	0.019	0.008	0.014	0.053	
	Bottom		0.013	0.006	0.003	0.004	0.019	
	Front	50%RB	0.079	0.046	0.013	0.020	0.125	
	Back		0.159	0.066	0.024	0.030	0.225	
	Left		0.036	0.035	0.004	0.010	0.071	
	right		0.012	0.009	0.011	0.008	0.023	
	Top		0.021	0.019	0.008	0.014	0.040	
	Bottom		0.007	0.006	0.003	0.004	0.013	
N66	Front	1RB	0.142	0.046	0.013	0.020	0.188	
	Back		0.186	0.066	0.024	0.030	0.252	
	Left		0.116	0.035	0.004	0.010	0.151	
	right		0.019	0.009	0.011	0.008	0.030	
	Top		0.089	0.019	0.008	0.014	0.108	
	Bottom		0.012	0.006	0.003	0.004	0.018	
	Front	50%RB	0.120	0.046	0.013	0.020	0.166	
	Back		0.160	0.066	0.024	0.030	0.226	
	Left		0.091	0.035	0.004	0.010	0.126	
	right		0.017	0.009	0.011	0.008	0.028	
	Top		0.066	0.019	0.008	0.014	0.085	
	Bottom		0.010	0.006	0.003	0.004	0.016	
N71	Front	1RB	0.105	0.046	0.013	0.020	0.151	
	Back		0.170	0.066	0.024	0.030	0.236	
	Left		0.085	0.035	0.004	0.010	0.120	
	right		0.008	0.009	0.011	0.008	0.019	
	Top		0.052	0.019	0.008	0.014	0.071	
	Bottom		0.005	0.006	0.003	0.004	0.011	
	Front	50%RB	0.091	0.046	0.013	0.020	0.137	
	Back		0.136	0.066	0.024	0.030	0.202	
	Left		0.065	0.035	0.004	0.010	0.100	
	right		0.007	0.009	0.011	0.008	0.018	
	Top		0.031	0.019	0.008	0.014	0.050	
	Bottom		0.003	0.006	0.003	0.004	0.009	
N77	Front	1RB	0.105	0.046	0.013	0.020	0.151	
	Back		0.232	0.066	0.024	0.030	0.298	
	Left		0.025	0.035	0.004	0.010	0.060	
	right		0.077	0.009	0.011	0.008	0.088	
	Top		0.035	0.019	0.008	0.014	0.054	
	Bottom		0.014	0.006	0.003	0.004	0.020	
	Front	50%RB	0.093	0.046	0.013	0.020	0.139	
	Back		0.215	0.066	0.024	0.030	0.281	
	Left		0.020	0.035	0.004	0.010	0.055	
	right		0.064	0.009	0.011	0.008	0.075	
	Top		0.028	0.019	0.008	0.014	0.047	
	Bottom		0.009	0.006	0.003	0.004	0.015	
N77	Front	1RB	0.137	0.046	0.013	0.020	0.183	
	Back		0.176	0.066	0.024	0.030	0.242	
	Left		0.024	0.035	0.004	0.010	0.059	
	right		0.057	0.009	0.011	0.008	0.068	
	Top		0.027	0.019	0.008	0.014	0.046	
	Bottom		0.015	0.006	0.003	0.004	0.021	
	Front	50%RB	0.131	0.046	0.013	0.020	0.177	
	Back		0.156	0.066	0.024	0.030	0.222	
	Left		0.014	0.035	0.004	0.010	0.049	
	right		0.050	0.009	0.011	0.008	0.061	
	Top		0.016	0.019	0.008	0.014	0.035	
	Bottom		0.008	0.006	0.003	0.004	0.014	

N77	Front	1RB	0.064	0.046	0.013	0.020	0.110	1.6
	Back		0.080	0.066	0.024	0.030	0.146	
	Left		0.019	0.035	0.004	0.010	0.054	
	right		0.031	0.009	0.011	0.008	0.042	
	Top		0.028	0.019	0.008	0.014	0.047	
	Bottom		0.011	0.006	0.003	0.004	0.017	
	Front	50%RB	0.032	0.046	0.013	0.020	0.078	
	Back		0.047	0.066	0.024	0.030	0.113	
	Left		0.013	0.035	0.004	0.010	0.048	
	right		0.026	0.009	0.011	0.008	0.037	
	Top		0.012	0.019	0.008	0.014	0.031	
	Bottom		0.005	0.006	0.003	0.004	0.011	
N78	Front	1RB	0.104	0.046	0.013	0.020	0.150	
	Back		0.206	0.066	0.024	0.030	0.272	
	Left		0.021	0.035	0.004	0.010	0.056	
	right		0.081	0.009	0.011	0.008	0.092	
	Top		0.068	0.019	0.008	0.014	0.087	
	Bottom		0.015	0.006	0.003	0.004	0.021	
	Front	50%RB	0.075	0.046	0.013	0.020	0.121	
	Back		0.183	0.066	0.024	0.030	0.249	
	Left		0.015	0.035	0.004	0.010	0.050	
	right		0.068	0.009	0.011	0.008	0.079	
	Top		0.060	0.019	0.008	0.014	0.079	
	Bottom		0.012	0.006	0.003	0.004	0.018	
N78	Front	1RB	0.104	0.046	0.013	0.020	0.150	
	Back		0.148	0.066	0.024	0.030	0.214	
	Left		0.025	0.035	0.004	0.010	0.060	
	right		0.090	0.009	0.011	0.008	0.101	
	Top		0.055	0.019	0.008	0.014	0.074	
	Bottom		0.020	0.006	0.003	0.004	0.026	
	Front	50%RB	0.082	0.046	0.013	0.020	0.128	
	Back		0.125	0.066	0.024	0.030	0.191	
	Left		0.017	0.035	0.004	0.010	0.052	
	right		0.069	0.009	0.011	0.008	0.080	
	Top		0.039	0.019	0.008	0.014	0.058	
	Bottom		0.023	0.006	0.003	0.004	0.029	
N78	Front	1RB	0.125	0.046	0.013	0.020	0.171	
	Back		0.147	0.066	0.024	0.030	0.213	
	Left		0.032	0.035	0.004	0.010	0.067	
	right		0.098	0.009	0.011	0.008	0.109	
	Top		0.059	0.019	0.008	0.014	0.078	
	Bottom		0.024	0.006	0.003	0.004	0.030	
	Front	50%RB	0.111	0.046	0.013	0.020	0.157	
	Back		0.121	0.066	0.024	0.030	0.187	
	Left		0.022	0.035	0.004	0.010	0.057	
	right		0.085	0.009	0.011	0.008	0.096	
	Top		0.045	0.019	0.008	0.014	0.064	
	Bottom		0.019	0.006	0.003	0.004	0.025	
2-n7	Front	1RB	0.130	0.046	0.013	0.020	0.176	
	Back		0.183	0.066	0.024	0.030	0.249	
	Left		0.070	0.035	0.004	0.010	0.105	
	right		0.019	0.009	0.011	0.008	0.030	
	Top		0.054	0.019	0.008	0.014	0.073	
	Bottom		0.012	0.006	0.003	0.004	0.018	
	Front	50%RB	0.057	0.046	0.013	0.020	0.103	
	Back		0.084	0.066	0.024	0.030	0.150	
	Left		0.057	0.035	0.004	0.010	0.092	
	right		0.013	0.009	0.011	0.008	0.024	
	Top		0.032	0.019	0.008	0.014	0.051	
	Bottom		0.009	0.006	0.003	0.004	0.015	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 1g(W/kg)			
2-n66	Front	1RB	0.079	0.046	0.013	0.020	0.125	1.6
	Back		0.177	0.066	0.024	0.030	0.243	
	Left		0.059	0.035	0.004	0.010	0.094	
	right		0.007	0.009	0.011	0.008	0.018	
	Top		0.055	0.019	0.008	0.014	0.074	
	Bottom		0.005	0.006	0.003	0.004	0.011	
	Front	50%RB	0.054	0.046	0.013	0.020	0.100	
	Back		0.109	0.066	0.024	0.030	0.175	
	Left		0.032	0.035	0.004	0.010	0.067	
	right		0.006	0.009	0.011	0.008	0.017	
	Top		0.029	0.019	0.008	0.014	0.048	
	Bottom		0.002	0.006	0.003	0.004	0.008	
2-n78	Front	1RB	0.179	0.046	0.013	0.020	0.225	
	Back		0.327	0.066	0.024	0.030	0.393	
	Left		0.086	0.035	0.004	0.010	0.121	
	right		0.008	0.009	0.011	0.008	0.019	
	Top		0.005	0.019	0.008	0.014	0.024	
	Bottom		0.070	0.006	0.003	0.004	0.076	
	Front	50%RB	0.099	0.046	0.013	0.020	0.145	
	Back		0.171	0.066	0.024	0.030	0.237	
	Left		0.059	0.035	0.004	0.010	0.094	
	right		0.006	0.009	0.011	0.008	0.017	
	Top		0.003	0.019	0.008	0.014	0.022	
	Bottom		0.033	0.006	0.003	0.004	0.039	
4-n7	Front	1RB	0.046	0.046	0.013	0.020	0.092	
	Back		0.075	0.066	0.024	0.030	0.141	
	Left		0.036	0.035	0.004	0.010	0.071	
	right		0.022	0.009	0.011	0.008	0.033	
	Top		0.030	0.019	0.008	0.014	0.049	
	Bottom		0.010	0.006	0.003	0.004	0.016	
	Front	50%RB	0.036	0.046	0.013	0.020	0.082	
	Back		0.050	0.066	0.024	0.030	0.116	
	Left		0.021	0.035	0.004	0.010	0.056	
	right		0.010	0.009	0.011	0.008	0.021	
	Top		0.017	0.019	0.008	0.014	0.036	
	Bottom		0.006	0.006	0.003	0.004	0.012	
4-n41	Front	1RB	0.051	0.046	0.013	0.020	0.097	1.6
	Back		0.085	0.066	0.024	0.030	0.151	
	Left		0.017	0.035	0.004	0.010	0.052	
	right		0.011	0.009	0.011	0.008	0.022	
	Top		0.015	0.019	0.008	0.014	0.034	
	Bottom		0.009	0.006	0.003	0.004	0.015	
	Front	50%RB	0.031	0.046	0.013	0.020	0.077	
	Back		0.046	0.066	0.024	0.030	0.112	
	Left		0.013	0.035	0.004	0.010	0.048	
	right		0.004	0.009	0.011	0.008	0.015	
	Top		0.097	0.019	0.008	0.014	0.116	
	Bottom		0.003	0.006	0.003	0.004	0.009	
4-n78	Front	1RB	0.159	0.046	0.013	0.020	0.205	
	Back		0.273	0.066	0.024	0.030	0.339	
	Left		0.079	0.035	0.004	0.010	0.114	
	right		0.023	0.009	0.011	0.008	0.034	
	Top		0.064	0.019	0.008	0.014	0.083	
	Bottom		0.013	0.006	0.003	0.004	0.019	
	Front	50%RB	0.106	0.046	0.013	0.020	0.152	
	Back		0.225	0.066	0.024	0.030	0.291	
	Left		0.064	0.035	0.004	0.010	0.099	
	right		0.021	0.009	0.011	0.008	0.032	
	Top		0.035	0.019	0.008	0.014	0.054	
	Bottom		0.008	0.006	0.003	0.004	0.014	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 1g(W/kg)			
5-n7	Front	1RB	0.076	0.046	0.013	0.020	0.122	1.6
	Back		0.108	0.066	0.024	0.030	0.174	
	Left		0.047	0.035	0.004	0.010	0.082	
	right		0.014	0.009	0.011	0.008	0.025	
	Top		0.029	0.019	0.008	0.014	0.048	
	Bottom		0.039	0.006	0.003	0.004	0.045	
	Front	50%RB	0.090	0.046	0.013	0.020	0.136	
	Back		0.032	0.066	0.024	0.030	0.098	
	Left		0.010	0.035	0.004	0.010	0.045	
	right		0.021	0.009	0.011	0.008	0.032	
	Top		0.003	0.019	0.008	0.014	0.022	
	Bottom		0.002	0.006	0.003	0.004	0.008	
5-n38	Front	1RB	0.063	0.046	0.013	0.020	0.109	
	Back		0.096	0.066	0.024	0.030	0.162	
	Left		0.029	0.035	0.004	0.010	0.064	
	right		0.013	0.009	0.011	0.008	0.024	
	Top		0.023	0.019	0.008	0.014	0.042	
	Bottom		0.010	0.006	0.003	0.004	0.016	
	Front	50%RB	0.039	0.046	0.013	0.020	0.085	
	Back		0.066	0.066	0.024	0.030	0.132	
	Left		0.019	0.035	0.004	0.010	0.054	
	right		0.008	0.009	0.011	0.008	0.019	
	Top		0.012	0.019	0.008	0.014	0.031	
	Bottom		0.003	0.006	0.003	0.004	0.009	
5-n41	Front	1RB	0.039	0.046	0.013	0.020	0.085	
	Back		0.069	0.066	0.024	0.030	0.135	
	Left		0.018	0.035	0.004	0.010	0.053	
	right		0.009	0.009	0.011	0.008	0.020	
	Top		0.016	0.019	0.008	0.014	0.035	
	Bottom		0.007	0.006	0.003	0.004	0.013	
	Front	50%RB	0.022	0.046	0.013	0.020	0.068	
	Back		0.035	0.066	0.024	0.030	0.101	
	Left		0.010	0.035	0.004	0.010	0.045	
	right		0.003	0.009	0.011	0.008	0.014	
	Top		0.008	0.019	0.008	0.014	0.027	
	Bottom		0.002	0.006	0.003	0.004	0.008	
5-n66	Front	1RB	0.088	0.046	0.013	0.020	0.134	
	Back		0.169	0.066	0.024	0.030	0.235	
	Left		0.065	0.035	0.004	0.010	0.100	
	right		0.008	0.009	0.011	0.008	0.019	
	Top		0.046	0.019	0.008	0.014	0.065	
	Bottom		0.006	0.006	0.003	0.004	0.012	
	Front	50%RB	0.068	0.046	0.013	0.020	0.114	
	Back		0.121	0.066	0.024	0.030	0.187	
	Left		0.046	0.035	0.004	0.010	0.081	
	right		0.006	0.009	0.011	0.008	0.017	
	Top		0.035	0.019	0.008	0.014	0.054	
	Bottom		0.003	0.006	0.003	0.004	0.009	
5-n77	Front	1RB	0.072	0.046	0.013	0.020	0.118	
	Back		0.109	0.066	0.024	0.030	0.175	
	Left		0.012	0.035	0.004	0.010	0.047	
	right		0.037	0.009	0.011	0.008	0.048	
	Top		0.014	0.019	0.008	0.014	0.033	
	Bottom		0.022	0.006	0.003	0.004	0.028	
	Front	50%RB	0.038	0.046	0.013	0.020	0.084	
	Back		0.057	0.066	0.024	0.030	0.123	
	Left		0.003	0.035	0.004	0.010	0.038	
	right		0.023	0.009	0.011	0.008	0.034	
	Top		0.006	0.019	0.008	0.014	0.025	
	Bottom		0.017	0.006	0.003	0.004	0.023	

5-n78	Front	1RB	0.059	0.046	0.013	0.020	0.105	1.6
	Back		0.099	0.066	0.024	0.030	0.165	
	Left		0.011	0.035	0.004	0.010	0.046	
	right		0.028	0.009	0.011	0.008	0.039	
	Top		0.006	0.019	0.008	0.014	0.025	
	Bottom		0.017	0.006	0.003	0.004	0.023	
	Front	50%RB	0.027	0.046	0.013	0.020	0.073	
	Back		0.036	0.066	0.024	0.030	0.102	
	Left		0.004	0.035	0.004	0.010	0.039	
	right		0.165	0.009	0.011	0.008	0.176	
	Top		0.003	0.019	0.008	0.014	0.022	
	Bottom		0.009	0.006	0.003	0.004	0.015	
7-n7	Front	1RB	0.217	0.046	0.013	0.020	0.263	
	Back		0.306	0.066	0.024	0.030	0.372	
	Left		0.140	0.035	0.004	0.010	0.175	
	right		0.026	0.009	0.011	0.008	0.037	
	Top		0.119	0.019	0.008	0.014	0.138	
	Bottom		0.013	0.006	0.003	0.004	0.019	
	Front	50%RB	0.175	0.046	0.013	0.020	0.221	
	Back		0.228	0.066	0.024	0.030	0.294	
	Left		0.097	0.035	0.004	0.010	0.132	
	right		0.017	0.009	0.011	0.008	0.028	
	Top		0.081	0.019	0.008	0.014	0.100	
	Bottom		0.008	0.006	0.003	0.004	0.014	
7-n66	Front	1RB	0.071	0.046	0.013	0.020	0.117	
	Back		0.139	0.066	0.024	0.030	0.205	
	Left		0.064	0.035	0.004	0.010	0.099	
	right		0.019	0.009	0.011	0.008	0.030	
	Top		0.048	0.019	0.008	0.014	0.067	
	Bottom		0.013	0.006	0.003	0.004	0.019	
	Front	50%RB	0.074	0.046	0.013	0.020	0.120	
	Back		0.116	0.066	0.024	0.030	0.182	
	Left		0.060	0.035	0.004	0.010	0.095	
	right		0.017	0.009	0.011	0.008	0.028	
	Top		0.040	0.019	0.008	0.014	0.059	
	Bottom		0.014	0.006	0.003	0.004	0.020	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 1g(W/kg)			
7-n77	Front	1RB	0.042	0.046	0.013	0.020	0.088	1.6
	Back		0.072	0.066	0.024	0.030	0.138	
	Left		0.013	0.035	0.004	0.010	0.048	
	right		0.037	0.009	0.011	0.008	0.048	
	Top		0.031	0.019	0.008	0.014	0.050	
	Bottom		0.014	0.006	0.003	0.004	0.020	
	Front	50%RB	0.032	0.046	0.013	0.020	0.078	
	Back		0.053	0.066	0.024	0.030	0.119	
	Left		0.010	0.035	0.004	0.010	0.045	
	right		0.035	0.009	0.011	0.008	0.046	
	Top		0.025	0.019	0.008	0.014	0.044	
	Bottom		0.008	0.006	0.003	0.004	0.014	
7-n78	Front	1RB	0.062	0.046	0.013	0.020	0.108	
	Back		0.088	0.066	0.024	0.030	0.154	
	Left		0.015	0.035	0.004	0.010	0.050	
	right		0.060	0.009	0.011	0.008	0.071	
	Top		0.030	0.019	0.008	0.014	0.049	
	Bottom		0.012	0.006	0.003	0.004	0.018	
	Front	50%RB	0.048	0.046	0.013	0.020	0.094	
	Back		0.061	0.066	0.024	0.030	0.127	
	Left		0.011	0.035	0.004	0.010	0.046	
	right		0.043	0.009	0.011	0.008	0.054	
	Top		0.025	0.019	0.008	0.014	0.044	
	Bottom		0.007	0.006	0.003	0.004	0.013	
38-n38	Front	1RB	0.059	0.046	0.013	0.020	0.105	
	Back		0.115	0.066	0.024	0.030	0.181	
	Left		0.029	0.035	0.004	0.010	0.064	
	right		0.011	0.009	0.011	0.008	0.022	
	Top		0.039	0.019	0.008	0.014	0.058	
	Bottom		0.007	0.006	0.003	0.004	0.013	
	Front	50%RB	0.042	0.046	0.013	0.020	0.088	
	Back		0.063	0.066	0.024	0.030	0.129	
	Left		0.017	0.035	0.004	0.010	0.052	
	right		0.007	0.009	0.011	0.008	0.018	
	Top		0.019	0.019	0.008	0.014	0.038	
	Bottom		0.003	0.006	0.003	0.004	0.009	
41-n41	Front	1RB	0.087	0.046	0.013	0.020	0.133	
	Back		0.166	0.066	0.024	0.030	0.232	
	Left		0.045	0.035	0.004	0.010	0.080	
	right		0.014	0.009	0.011	0.008	0.025	
	Top		0.037	0.019	0.008	0.014	0.056	
	Bottom		0.007	0.006	0.003	0.004	0.013	
	Front	50%RB	0.057	0.046	0.013	0.020	0.103	
	Back		0.094	0.066	0.024	0.030	0.160	
	Left		0.034	0.035	0.004	0.010	0.069	
	right		0.007	0.009	0.011	0.008	0.018	
	Top		0.032	0.019	0.008	0.014	0.051	
	Bottom		0.003	0.006	0.003	0.004	0.009	

41-n77	Front	1RB	0.076	0.046	0.013	0.020	0.122	1.6
	Back		0.103	0.066	0.024	0.030	0.169	
	Left		0.031	0.035	0.004	0.010	0.066	
	right		0.016	0.009	0.011	0.008	0.027	
	Top		0.064	0.019	0.008	0.014	0.083	
	Bottom		0.007	0.006	0.003	0.004	0.013	
	Front	50%RB	0.029	0.046	0.013	0.020	0.075	
	Back		0.051	0.066	0.024	0.030	0.117	
	Left		0.020	0.035	0.004	0.010	0.055	
	right		0.010	0.009	0.011	0.008	0.021	
	Top		0.036	0.019	0.008	0.014	0.055	
	Bottom		0.005	0.006	0.003	0.004	0.011	
41-n78	Front	1RB	0.055	0.046	0.013	0.020	0.101	
	Back		0.092	0.066	0.024	0.030	0.158	
	Left		0.020	0.035	0.004	0.010	0.055	
	right		0.017	0.009	0.011	0.008	0.028	
	Top		0.003	0.019	0.008	0.014	0.022	
	Bottom		0.027	0.006	0.003	0.004	0.033	
	Front	50%RB	0.037	0.046	0.013	0.020	0.083	
	Back		0.058	0.066	0.024	0.030	0.124	
	Left		0.011	0.035	0.004	0.010	0.046	
	right		0.004	0.009	0.011	0.008	0.015	
	Top		0.002	0.019	0.008	0.014	0.021	
	Bottom		0.015	0.006	0.003	0.004	0.021	

Band	Test Position	RB allocation	Scaled SAR			BT SAR 1g(W/kg)	Σ SAR (W/kg)	Llimit (W/kg)
			WWAN SAR 1g(W/kg)	WIFI2.4G SAR 1g(W/kg)	Wi-Fi 5G(Band 1 1g(W/kg)			
66-n7	Front	1RB	0.041	0.046	0.013	0.020	0.087	1.6
	Back		0.057	0.066	0.024	0.030	0.123	
	Left		0.025	0.035	0.004	0.010	0.060	
	right		0.006	0.009	0.011	0.008	0.017	
	Top		0.021	0.019	0.008	0.014	0.040	
	Bottom		0.003	0.006	0.003	0.004	0.009	
	Front	50%RB	0.030	0.046	0.013	0.020	0.076	
	Back		0.043	0.066	0.024	0.030	0.109	
	Left		0.019	0.035	0.004	0.010	0.054	
	right		0.003	0.009	0.011	0.008	0.014	
	Top		0.014	0.019	0.008	0.014	0.033	
	Bottom		0.002	0.006	0.003	0.004	0.008	
66-n38	Front	1RB	0.067	0.046	0.013	0.020	0.113	
	Back		0.080	0.066	0.024	0.030	0.146	
	Left		0.037	0.035	0.004	0.010	0.072	
	right		0.009	0.009	0.011	0.008	0.020	
	Top		0.027	0.019	0.008	0.014	0.046	
	Bottom		0.007	0.006	0.003	0.004	0.013	
	Front	50%RB	0.048	0.046	0.013	0.020	0.094	
	Back		0.058	0.066	0.024	0.030	0.124	
	Left		0.030	0.035	0.004	0.010	0.065	
	right		0.006	0.009	0.011	0.008	0.017	
	Top		0.021	0.019	0.008	0.014	0.040	
	Bottom		0.005	0.006	0.003	0.004	0.011	
66-n41	Front	1RB	0.050	0.046	0.013	0.020	0.096	
	Back		0.073	0.066	0.024	0.030	0.139	
	Left		0.028	0.035	0.004	0.010	0.063	
	right		0.007	0.009	0.011	0.008	0.018	
	Top		0.018	0.019	0.008	0.014	0.037	
	Bottom		0.003	0.006	0.003	0.004	0.009	
	Front	50%RB	0.035	0.046	0.013	0.020	0.081	
	Back		0.069	0.066	0.024	0.030	0.135	
	Left		0.019	0.035	0.004	0.010	0.054	
	right		0.005	0.009	0.011	0.008	0.016	
	Top		0.011	0.019	0.008	0.014	0.030	
	Bottom		0.002	0.006	0.003	0.004	0.008	
66-n66	Front	1RB	0.041	0.046	0.013	0.020	0.087	
	Back		0.075	0.066	0.024	0.030	0.141	
	Left		0.024	0.035	0.004	0.010	0.059	
	right		0.009	0.009	0.011	0.008	0.020	
	Top		0.024	0.019	0.008	0.014	0.043	
	Bottom		0.008	0.006	0.003	0.004	0.014	
	Front	50%RB	0.028	0.046	0.013	0.020	0.074	
	Back		0.065	0.066	0.024	0.030	0.131	
	Left		0.016	0.035	0.004	0.010	0.051	
	right		0.005	0.009	0.011	0.008	0.016	
	Top		0.015	0.019	0.008	0.014	0.034	
	Bottom		0.003	0.006	0.003	0.004	0.009	

66-n77	Front	1RB	0.242	0.046	0.013	0.020	0.288	1.6
	Back		0.396	0.066	0.024	0.030	0.462	
	Left		0.014	0.035	0.004	0.010	0.049	
	right		0.143	0.009	0.011	0.008	0.154	
	Top		0.008	0.019	0.008	0.014	0.027	
	Bottom		0.115	0.006	0.003	0.004	0.121	
	Front	50%RB	0.221	0.046	0.013	0.020	0.267	
	Back		0.363	0.066	0.024	0.030	0.429	
	Left		0.008	0.035	0.004	0.010	0.043	
	right		0.080	0.009	0.011	0.008	0.091	
	Top		0.003	0.019	0.008	0.014	0.022	
	Bottom		0.070	0.006	0.003	0.004	0.076	
66-n78	Front	1RB	0.251	0.046	0.013	0.020	0.297	
	Back		0.392	0.066	0.024	0.030	0.458	
	Left		0.018	0.035	0.004	0.010	0.053	
	right		0.195	0.009	0.011	0.008	0.206	
	Top		0.012	0.019	0.008	0.014	0.031	
	Bottom		0.148	0.006	0.003	0.004	0.154	
	Front	50%RB	0.228	0.046	0.013	0.020	0.274	
	Back		0.347	0.066	0.024	0.030	0.413	
	Left		0.014	0.035	0.004	0.010	0.049	
	right		0.163	0.009	0.011	0.008	0.174	
	Top		0.006	0.019	0.008	0.014	0.025	
	Bottom		0.115	0.006	0.003	0.004	0.121	

13 Measurement uncertainty evaluation

13.1 Measurement uncertainty evaluation for SAR test

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

DASY8 Uncertainty Budget According to IEC/IEEE 62209-1528 (Frequency band: 300MHz–3GHz range)								
Symbol	Error Description	Uncert. value	Prob. Dist.	Div.	(c_i) (1g)	(c_i) (10g)	Std.Unc. (1g)	Std.Unc. (10g)
Measurement System Errors								
CF	Probe Calibration	±13.3%	N	2	1	1	±6.7%	±6.7%
CF_{drift}	Probe Calibration Drift	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
LIN	Probe Linearity	±4.7%	R	$\sqrt{3}$	1	1	±2.7%	±2.7%
BBS	Broadband Signal	±2.8%	R	$\sqrt{3}$	1	1	±1.6%	±1.6%
ISO	Probe Isotropy	±7.6%	R	$\sqrt{3}$	1	1	±4.4%	±4.4%
DAE	Other Probe+Electronic	±0.8%	N	1	1	1	±0.8%	±0.8%
AMB	RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Δ_{sys}	Probe Positioning	±0.006 mm	N	1	0.14	0.14	±0.10%	±0.10%
DAT	Data Processing	±1.2%	N	1	1	1	±1.2%	±1.2%
Phantom and Device Errors								
LIQ(σ)	Conductivity (meas.)DAK	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
LIQ(T_σ)	Conductivity (temp.)BB	±3.3%	R	$\sqrt{3}$	0.78	0.71	±1.5%	±1.4%
EPS	Phantom Permittivity	±14.0%	R	$\sqrt{3}$	0	0	±0%	±0%
DIS	Distance DUT – TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
D_{xyz}	Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
H	Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
MOD	DUT Modulation^m	±2.4%	R	$\sqrt{3}$	1	1	±1.4%	±1.4%
TAS	Time-average SAR	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
RF_{drift}	DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
VAL	Val Antenna Unc.^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
RF_{in}	Unc.Input Power^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results								
C(ε, σ)	Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
C(R)	SAR scaling^p	±0.0%	R	$\sqrt{3}$	1	1	±0.0%	±0.0%
u(ΔSAR)	Combined Uncertainty						±11.3%	±11.2%
U	**Expanded Uncertainty**						±22.6%	±22.5%

DASY8 Uncertainty Budget

According to IEC/IEEE 62209-1528
(Frequency band: 3GHz–6GHz range)

Symbol	Error Description	Uncert. value	Prob. Dist.	Div.	(ci) (1g)	(ci) (10g)	Std.Unc. (1g)	Std.Unc. (10g)
Measurement System Errors								
CF	Probe Calibration	±13.1%	N	2	1	1	±6.55%	±6.55%
CF_{drift}	Probe Calibration Drift	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
LIN	Probe Linearity	±4.7%	R	$\sqrt{3}$	1	1	±2.7%	±2.7%
BBS	Broadband Signal	±2.6%	R	$\sqrt{3}$	1	1	±1.5%	±1.5%
ISO	Probe Isotropy	±7.6%	R	$\sqrt{3}$	1	1	±4.4%	±4.4%
DAE	Other Probe+Electronic	±1.2%	N	1	1	1	±1.2%	±1.2%
AMB	RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Δ_{sys}	Probe Positioning	±0.005 mm	N	1	0.29	0.29	±0.2%	±0.20%
DAT	Data Processing	±2.3%	N	1	1	1	±2.3%	±2.3%
Phantom and Device Errors								
LIQ(σ)	Conductivity (meas.)DAK	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
LIQ(T_σ)	Conductivity (temp.)BB	±3.4%	R	$\sqrt{3}$	0.78	0.71	±1.5%	±1.4%
EPS	Phantom Permittivity	±14.0%	R	$\sqrt{3}$	0.25	0.25	±2.0%	±2.0%
DIS	Distance DUT – TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
D_{xyz}	Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
H	Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
MOD	DUT Modulation^m	±2.4%	R	$\sqrt{3}$	1	1	±1.4%	±1.4%
TAS	Time-average SAR	±1.7%	R	$\sqrt{3}$	1	1	±1.0%	±1.0%
RF_{drift}	DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
VAL	Val Antenna Unc.^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
RF_{in}	Unc.Input Power^{val}	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results								
C(ε, σ)	Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
C(R)	SAR scaling^p	±0.0%	R	$\sqrt{3}$	1	1	±0.0%	±0.0%
u(ΔSAR)	Combined Uncertainty						±11.6%	±11.6%
U	**Expanded Uncertainty**						±23.3%	±23.1%

13.2 Measurement uncertainty evaluation for system check

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

Uncertainty For System Performance Check								
Uncertainty Component	Tol. (±%)	Prob. Dist.	Div.	C_i 1g	C_i 10g	1g U_i(±%)	10g U_i (±%)	V_i
measurement system								
Probe Calibration	6.7	N	1	1	1	6.70	6.70	∞
Axial Isotropy	4.7	R	$\sqrt{3}$	0.7	0.7	1.90	1.90	∞
Hemispherical Isotropy	9.6	R	$\sqrt{3}$	0.7	0.7	3.88	3.88	∞
Boundary Effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	4.7	R	$\sqrt{3}$	1	1	2.71	2.71	∞
system detection Limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	0	N	1	1	1	0.00	0.00	∞
Readout Electronics	0.3	N	1	1	1	0.30	0.30	∞
Response Time	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
Integration Time	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
RF ambient Conditions - Noise	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
RF ambient Conditions – Reflections	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Probe positioned Mechanical Tolerance	0.8	R	$\sqrt{3}$	1	1	0.46	0.46	∞
Probe positioning with respect to Phantom Shell	6.7	R	$\sqrt{3}$	1	1	3.87	3.87	∞
Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation	2.0	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Dipole								
Deviation of experimental source from numerical source	5.5	N	1	1	1	3.18	3.18	∞
Input power and SAR drift measurement	2.0	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Dipole axis to liquid Distance	3.4	R	$\sqrt{3}$	1	1	1.96	1.96	∞
Phantom and Tissue Parameters								
Phantom Uncertainty (shape and thickness tolerances)	4.0	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviation (in permittivity and conductivity)	2	N	1	1	0.84	2.0	1.68	∞
Liquid conductivity（meas.）	2.5	N	1	0.78	0.71	1.13	1.03	5
Liquid conductivity (target.)	5	R	$\sqrt{3}$	0.78	0.71	3.90	3.55	5
Liquid Permittivity（meas.）	2.5	N	1	0.23	0.26	0.33	0.38	∞
Liquid Permittivity (target.)	5	R	$\sqrt{3}$	0.23	0.26	1.15	1.30	∞
Combined Standard Uncertainty		Rss				11.29	11.18	
Expanded Uncertainty (95% Confidence interval)		k				20.57	19.95	

14 Test equipment and ancillaries used for tests

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

	Manufacturer	Device Type	Type(Model)	Serial number	calibration	
					Last Cal.	Due Date
☒	SPEAG	E-Field PROBE	EX3DV4	7895	2024-11-28	2025-11-27
☒	SPEAG	E-Field PROBE	EX3DV4	7391	2024-11-16	2025-11-15
☒	SPEAG	Validation Kits	D750V3	1151	2024-08-19	2027-08-18
☒	SPEAG	Validation Kits	D835V2	4d203	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1750V2	1143	2024-08-20	2027-08-19
☒	SPEAG	Validation Kits	D1900V2	5d211	2024-08-19	2027-08-18
☒	SPEAG	Validation Sources	D2550V2	1015	2024-08-16	2027-08-15
☒	SPEAG	Validation Sources	D3500V2	1164	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3700V2	1139	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D3900V2	1106	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4600V2	1097	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D4900V2	1093	2024-10-08	2027-10-07
☒	SPEAG	Validation Sources	D5GHzV2	1412	2024-10-17	2027-10-16
☒	SPEAG	Validation Sources	D6.5GHzV2	1116	2024-10-14	2027-10-13
☒	SPEAG	DAE	DAE4	1495	2024-07-24	2025-07-23
☒	SPEAG	DAE	DAE4ip	1872	2024-10-18	2025-10-17
☒	SPEAG	Dielectric parameter probes	DAK-3.5	1363	2024-11-05	2025-11-04
☒	R & S	Universal Radio Communication Tester	CMU 200	119733	2024-10-21	2025-10-20
☒	R & S	Universal Radio Communication Tester	CMW500	144459	2024-10-21	2025-10-20
☒	R & S	UXM5G Wireless Test Platform	E7515B	MY60192341	2024-10-21	2025-10-20
☒	HP	Network Analyser	8753D	3410A08889	2024-10-21	2025-10-20
☒	HP	Signal Generator	E4421B	GB39340770	2024-10-28	2025-10-27
☒	Keithley	Multimeter	Keithley 2000	4014539	2024-10-28	2025-10-27
☒	SATIMO	Amplifier	Power Amplifier	MODU-023-A-0004	2024-10-21	2025-10-20
☒	Agilent	Power Meter	E4418B	GB43312909	2024-10-21	2025-10-20
☒	Agilent	Power Meter Sensor	E4412A	MY41500046	2024-10-21	2025-10-20

Annex A:System performance verification

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

Annex B:Measurement results

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

Annex C:Calibration reports

(Please See the Calibration reports of annex C.)

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Measurement Report for Device, , , UID 0 -, Channel 0 (750.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.16	0.885	43.9

Hardware Setup

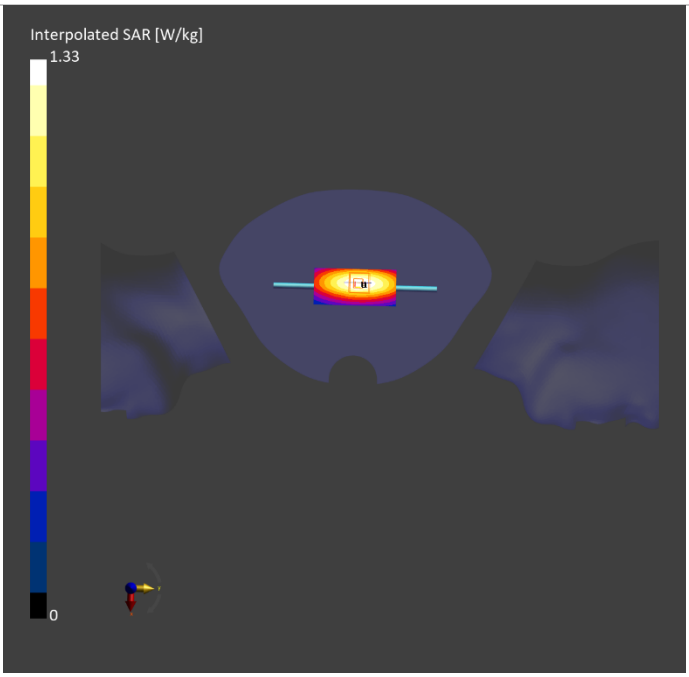
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 19:44	2025-01-10, 19:49
psSAR1g [W/kg]	0.853	0.858
psSAR10g [W/kg]	0.573	0.570
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		86.4
Dist 3dB Peak [mm]		22.1



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Measurement Report for Device, , , UID 0 -, Channel 0 (835.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	835.000, 0	8.89	0.914	416

Hardware Setup

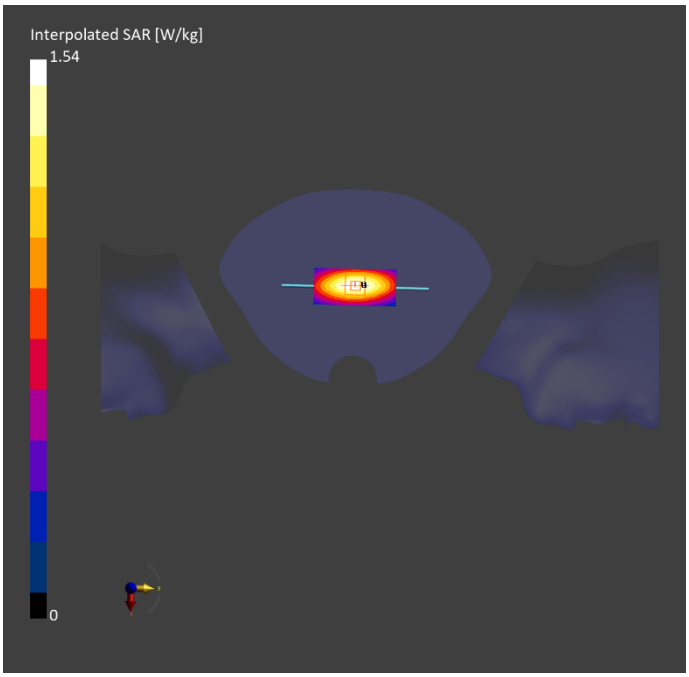
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 19:59	2025-01-10, 20:04
psSAR1g [W/kg]	0.993	0.994
psSAR10g [W/kg]	0.653	0.655
Power Drift [dB]	0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		16.4



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Measurement Report for Device, , , UID 0 -, Channel 0 (1750.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	1750.000, 0	7.6	1.34	41.9

Hardware Setup

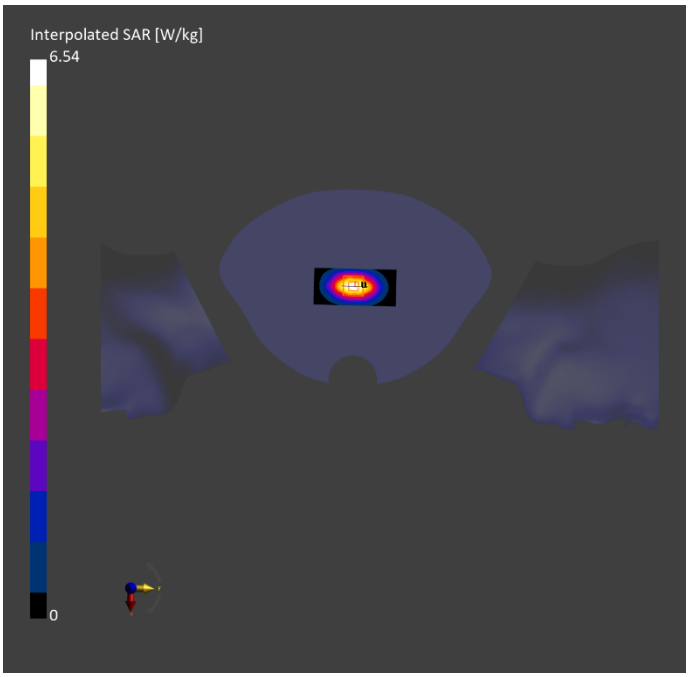
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 20:10	2025-01-10, 20:16
psSAR1g [W/kg]	3.62	3.62
psSAR10g [W/kg]	1.92	1.95
Power Drift [dB]	0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.2
Dist 3dB Peak [mm]		10.8



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Measurement Report for Device, , , UID 0 -, Channel 0 (1900.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	1900.000, 0	7.33	1.44	41.7

Hardware Setup

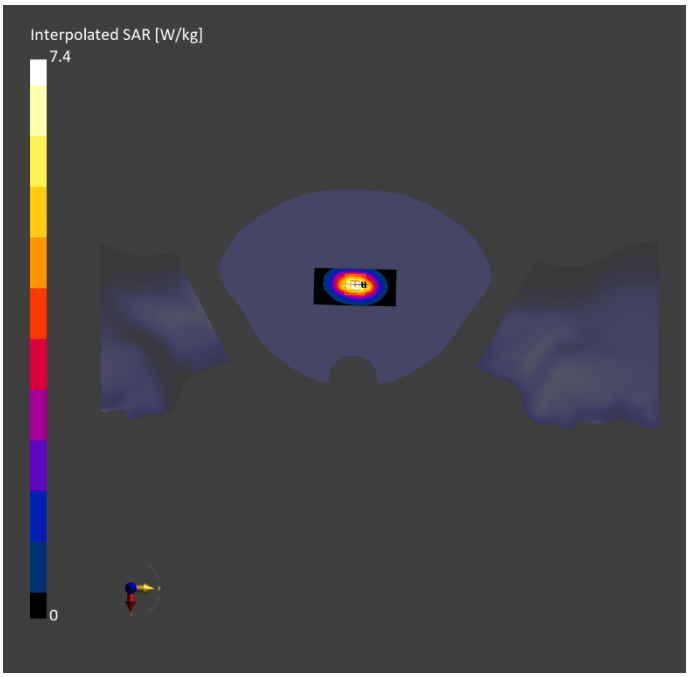
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 20:22	2025-01-10, 20:27
psSAR1g [W/kg]	4.01	4.04
psSAR10g [W/kg]	2.10	2.11
Power Drift [dB]	-0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		9.6



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Measurement Report for Device, , , UID 0 -, Channel 0 (2550.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	2550.000, 0	6.94	1.90	40.8

Hardware Setup

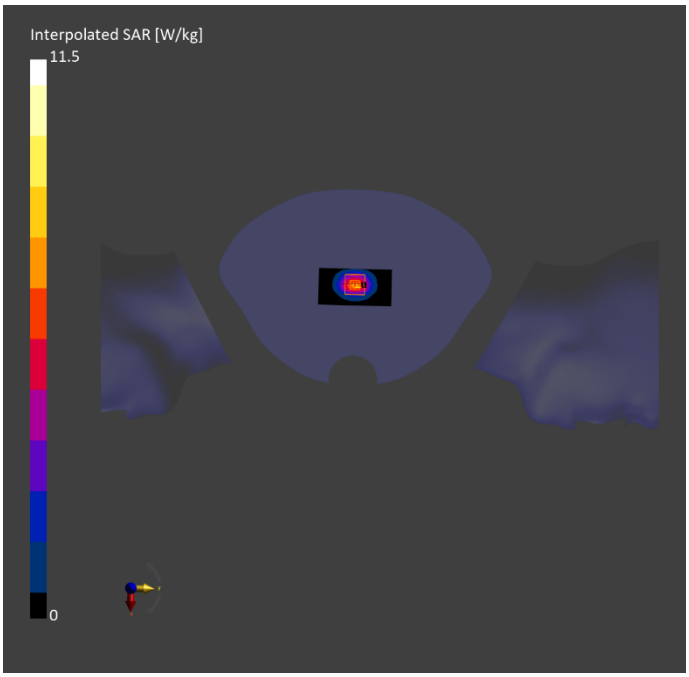
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 19:23	2025-01-10, 19:29
psSAR1g [W/kg]	5.48	5.58
psSAR10g [W/kg]	2.53	2.56
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		9.0



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Measurement Report for Device, , , UID 0 -, Channel 0 (3400.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	3400.000, 0	6.14	2.63	39.3

Hardware Setup

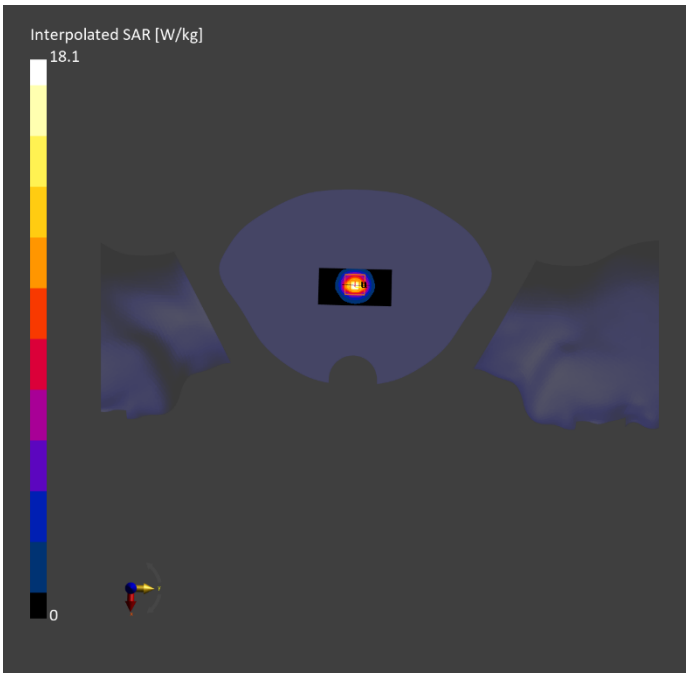
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 11:32	2025-01-10, 11:39
psSAR1g [W/kg]	7.11	7.25
psSAR10g [W/kg]	2.77	2.81
Power Drift [dB]	-0.07	0.25
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		76.2
Dist 3dB Peak [mm]		8.1



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Measurement Report for Device, , , UID 0 -, Channel 0 (3500.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	3500.000, 0	6.22	2.94	39.2

Hardware Setup

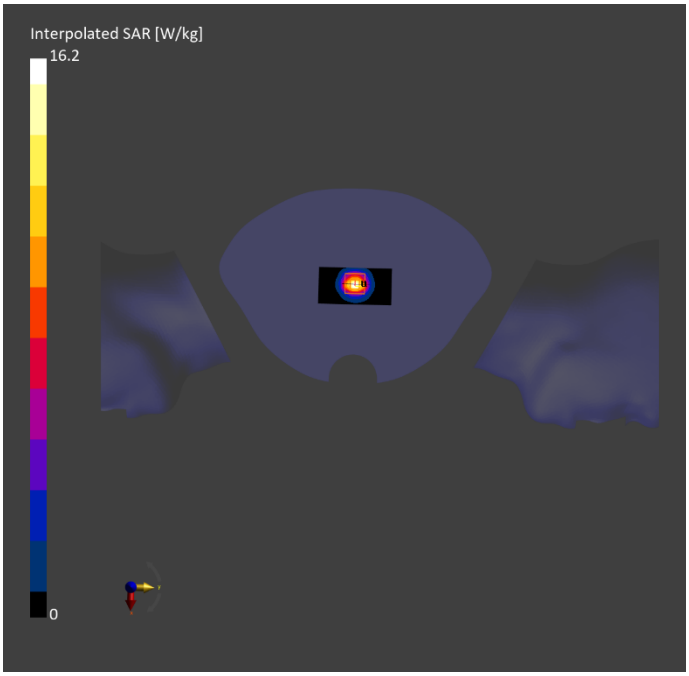
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 13:41	2025-01-10, 13:48
psSAR1g [W/kg]	6.11	6.28
psSAR10g [W/kg]	2.36	2.40
Power Drift [dB]	0.01	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.3
Dist 3dB Peak [mm]		8.1



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Measurement Report for Device, , , UID 0 -, Channel 0 (3700.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	3700.000, 0	6.24	2.90	38.9

Hardware Setup

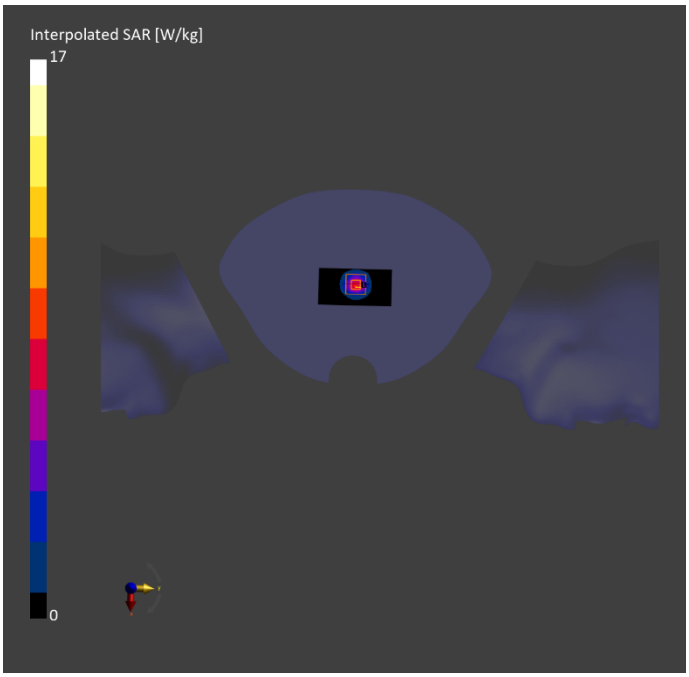
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 13:56	2025-01-10, 14:03
psSAR1g [W/kg]	6.09	6.37
psSAR10g [W/kg]	2.31	2.37
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		74.1
Dist 3dB Peak [mm]		8.0



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Measurement Report for Device, , , UID 0 -, Channel 0 (3900.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	3900.000, 0	6.11	3.10	38.6

Hardware Setup

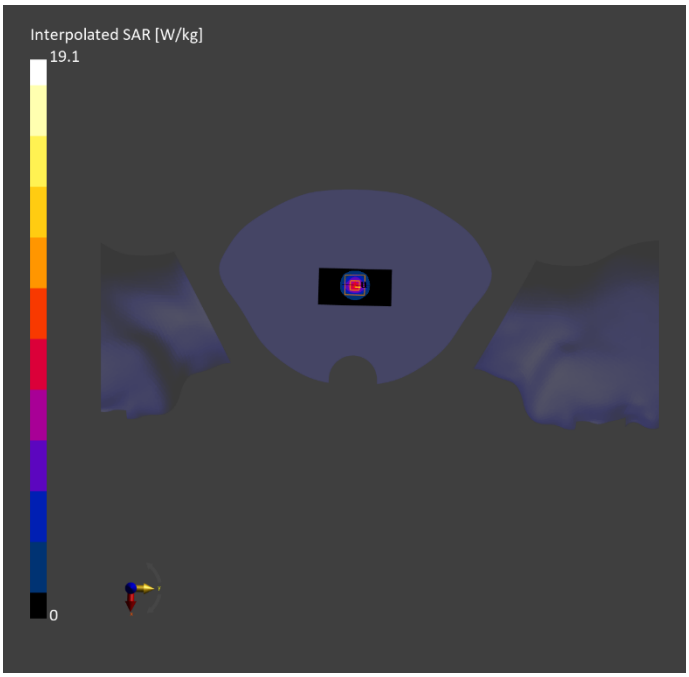
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 15:06	2025-01-10, 15:12
psSAR1g [W/kg]	6.61	6.74
psSAR10g [W/kg]	2.34	2.38
Power Drift [dB]	-0.05	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.9
Dist 3dB Peak [mm]		8.0



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Measurement Report for Device, , , UID 0 -, Channel 0 (5200.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	5200.000, 0	5.34	4.54	36.3

Hardware Setup

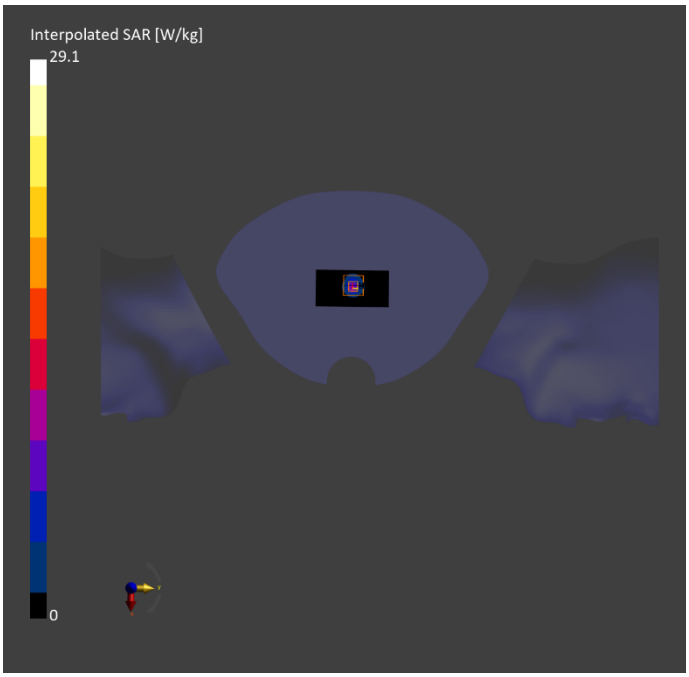
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 09:51	2025-01-10, 09:58
psSAR1g [W/kg]	6.41	7.17
psSAR10g [W/kg]	1.91	2.07
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		7.2



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Measurement Report for Device, , , UID 0 -, Channel 0 (5300.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	5300.000, 0	5.28	4.65	36.2

Hardware Setup

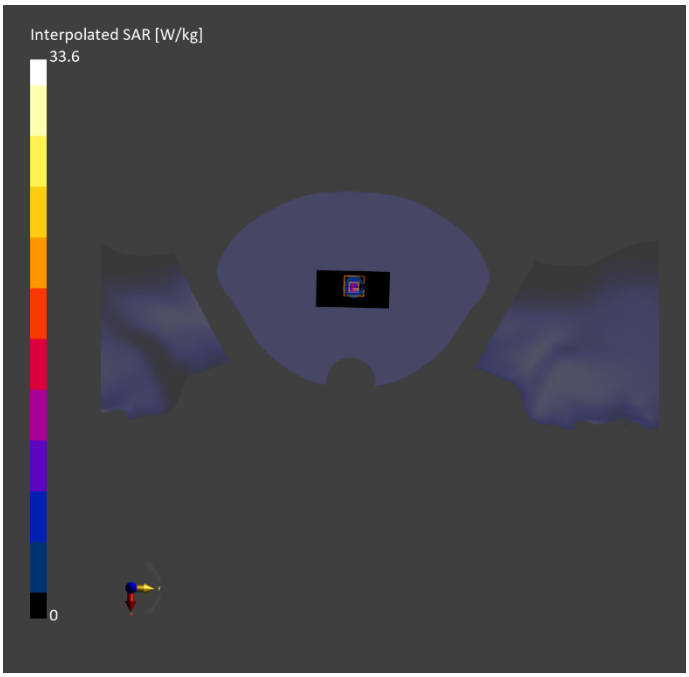
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 10:05	2025-01-10, 10:11
psSAR1g [W/kg]	7.15	8.08
psSAR10g [W/kg]	2.09	2.31
Power Drift [dB]	0.01	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.4
Dist 3dB Peak [mm]		7.2



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Measurement Report for Device, , , UID 0 -, Channel 0 (5500.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	5500.000, 0	4.87	4.88	35.8

Hardware Setup

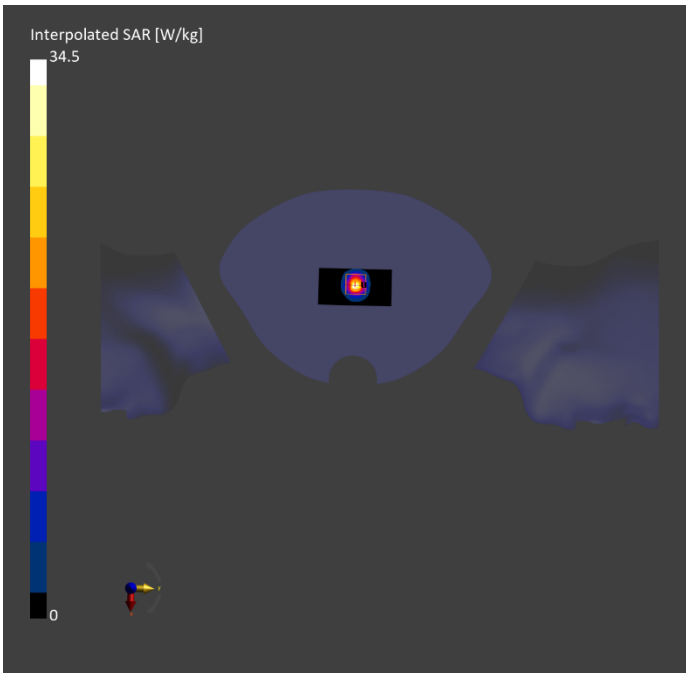
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 10:19	2025-01-10, 10:25
psSAR1g [W/kg]	6.98	7.90
psSAR10g [W/kg]	2.03	2.25
Power Drift [dB]	0.03	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.5
Dist 3dB Peak [mm]		7.2



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Measurement Report for Device, , , UID 0 -, Channel 0 (5600.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	5600.000, 0	4.87	5.00	35.6

Hardware Setup

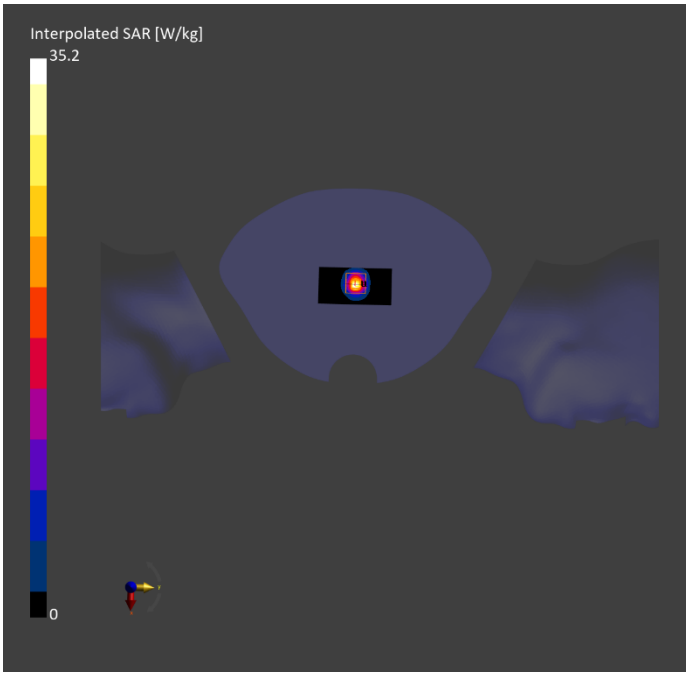
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 10:31	2025-01-10, 10:38
psSAR1g [W/kg]	7.00	7.87
psSAR10g [W/kg]	2.04	2.24
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.4
Dist 3dB Peak [mm]		7.2



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Measurement Report for Device, , , UID 0 -, Channel 0 (5800.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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
Flat, Head Simulating Liquid	,		CW, 0--	5800.000, 0	4.84	5.23	35.3

Hardware Setup

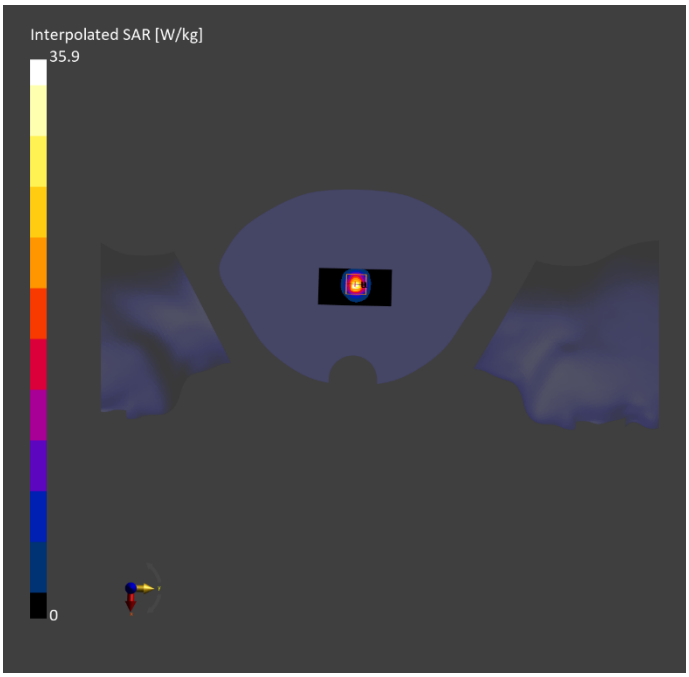
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 2243	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN7895, 2024-10-28	DAE4ip Sn1872, 2024-10-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-10, 10:47	2025-01-10, 10:53
psSAR1g [W/kg]	6.76	7.76
psSAR10g [W/kg]	2.00	2.20
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.9
Dist 3dB Peak [mm]		7.6



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Measurement Report for Device, BACK, GSM 850, Channel 251 (848.800MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
Flat, HBBL 5-10000MHz	BACK, 10.00	GSM 850	GSM, 10024-DAC	848.800, 251	10.2	0.914	41.6

Hardware Setup

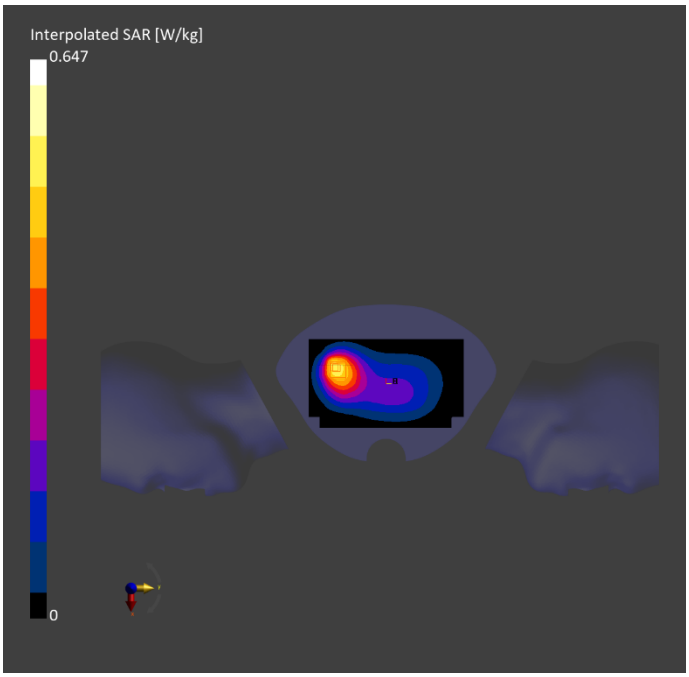
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-15, 11:13	2025-01-15, 11:25
psSAR1g [W/kg]	0.329	0.367
psSAR10g [W/kg]	0.189	0.217
Power Drift [dB]	-0.13	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		84.6
Dist 3dB Peak [mm]		12.0



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Measurement Report for Device, TILT, GSM 850, Channel 251 (848.800MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
RightHead, HBBL 5-10000MHz	TILT, 0.00	GSM 850	GSM, 10024-DAC	848.800, 251	10.2	0.914	41.6

Hardware Setup

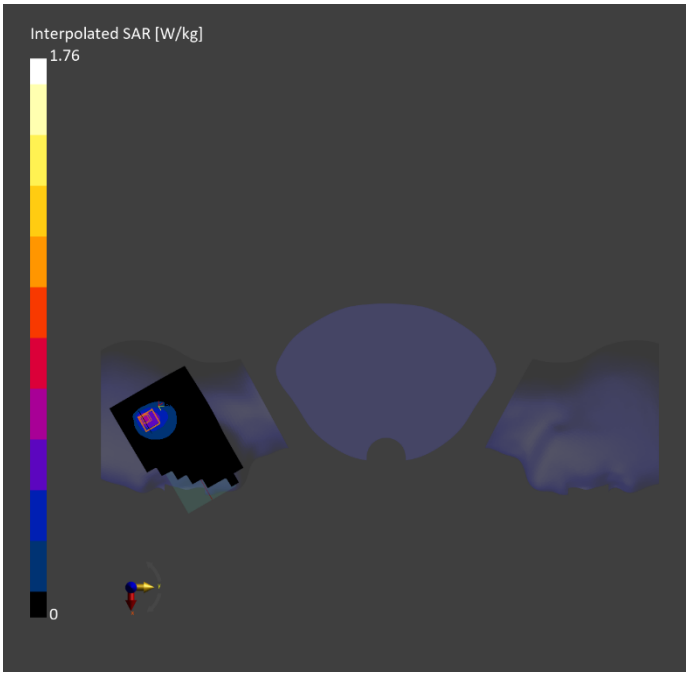
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-15, 10:46	2025-01-15, 11:04
psSAR1g [W/kg]	0.600	0.636
psSAR10g [W/kg]	0.320	0.355
Power Drift [dB]	-0.05	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.8
Dist 3dB Peak [mm]		5.4



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Measurement Report for Device, BACK, PCS 1900, Channel 810 (1909.800MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
Flat, HBBL 5-10000MHz	BACK, 10.00	PCS 1900	GSM, 10024-DAC	1909.800, 810	8.93	1.44	41.70

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

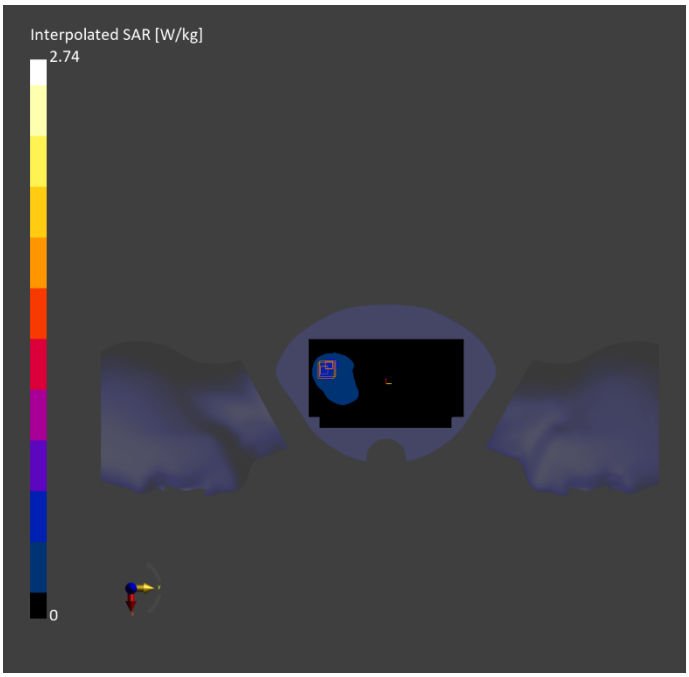
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 19:41	2025-01-20, 19:55
psSAR1g [W/kg]	0.892	0.957
psSAR10g [W/kg]	0.486	0.489
Power Drift [dB]	0.00	0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.7
Dist 3dB Peak [mm]		10.8

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, TILT, PCS 1900, Channel 810 (1909.800MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
RightHead, HBBL 5-10000MHz	TILT, 0.00	PCS 1900	GSM, 10024-DAC	1909.800, 810	8.93	1.44	41.70

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

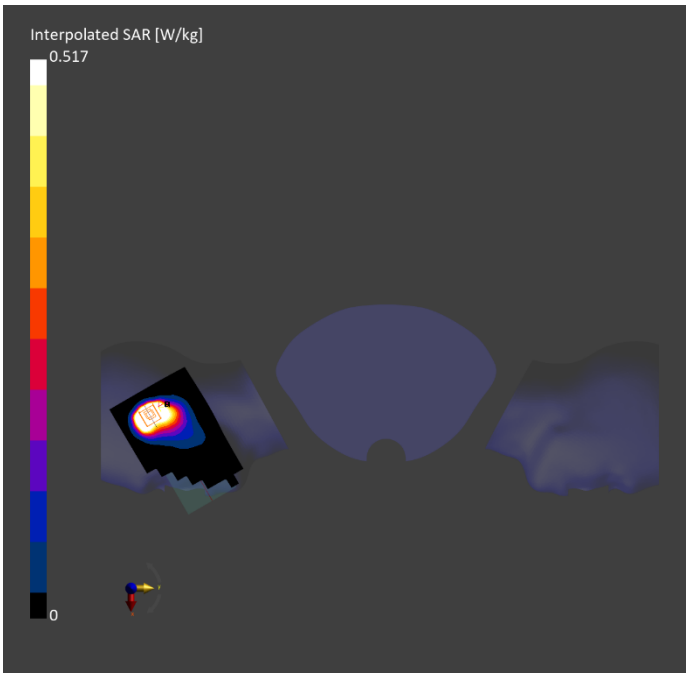
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 17:15	2025-01-20, 17:31
psSAR1g [W/kg]	0.239	0.257
psSAR10g [W/kg]	0.107	0.114
Power Drift [dB]	-0.03	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.2
Dist 3dB Peak [mm]		5.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, BACK, Band 2, Channel 9400 (1880.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
Flat, HBBL 5-10000MHz	BACK, 10.00	Band 2	WCDMA, 10457-AAB	1880.000, 9400	8.93	1.44	41.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

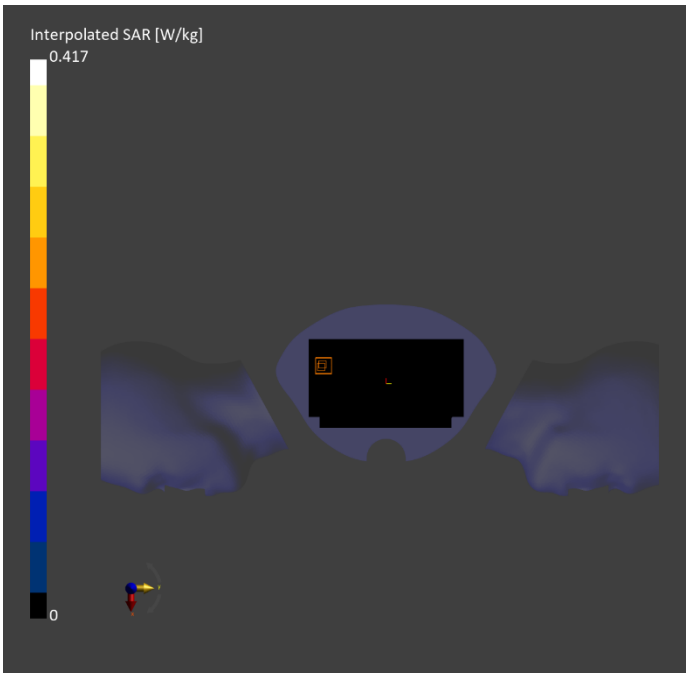
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 13:54	2025-01-20, 14:01
psSAR1g [W/kg]	0.189	0.195
psSAR10g [W/kg]	0.097	0.101
Power Drift [dB]	0.05	0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		9.7

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, TILT, Band 2, Channel 9400 (1880.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
RightHead, HBBL 5-10000MHz	TILT, 0.00	Band 2	WCDMA, 10457-AAB	1880.000, 9400	8.93	1.44	41.70

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

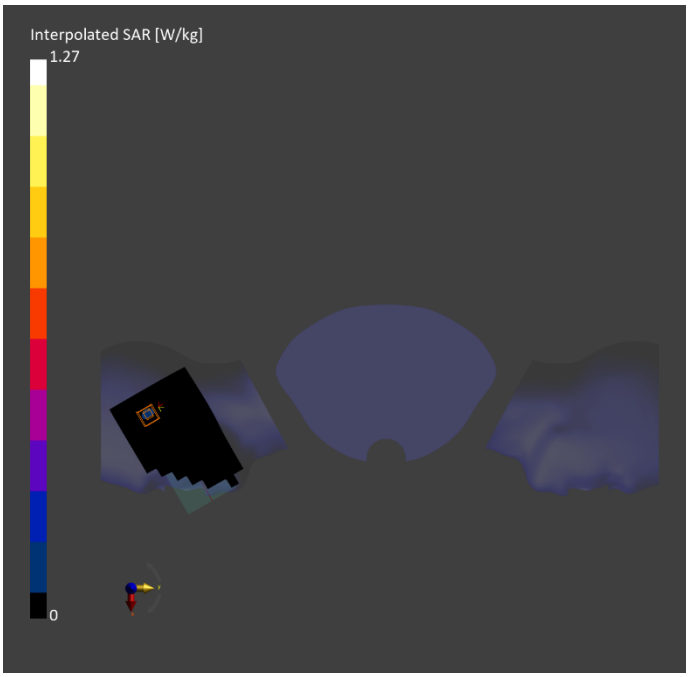
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 13:35	2025-01-20, 13:45
psSAR1g [W/kg]	0.515	0.545
psSAR10g [W/kg]	0.251	0.266
Power Drift [dB]	-0.01	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.1
Dist 3dB Peak [mm]		6.1

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, BACK, Band 4 , Channel 1513 (1752.600MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
Flat, HBBL 5-10000MHz	BACK, 10.00	Band 4	WCDMA, 10457-AAB	1752.600, 1513	8.97	1.34	41.90

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

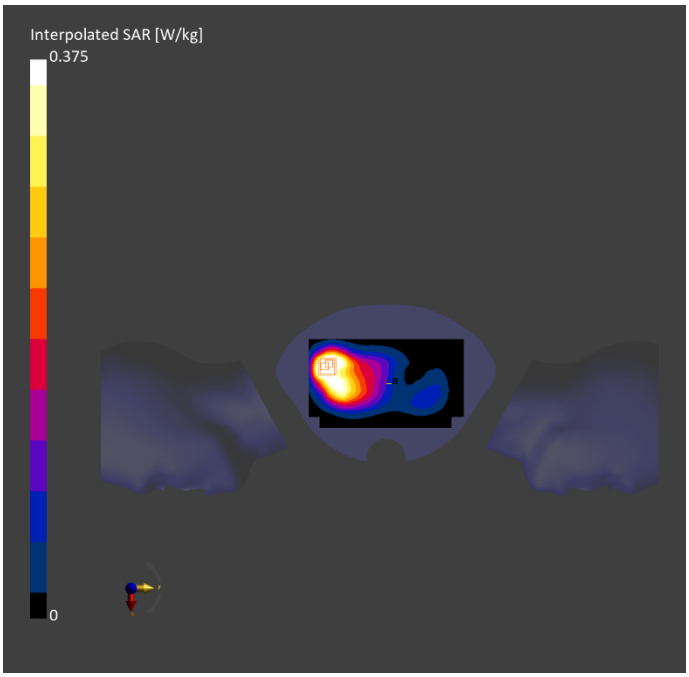
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-01-18, 14:37	2025-01-18, 14:45
psSAR1g [W/kg]	0.153	0.169
psSAR10g [W/kg]	0.082	0.089
Power Drift [dB]	-0.02	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		11.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, TILT, Band 4, Channel 1513 (1752.600MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
RightHead, HBBL 5-10000MHz	TILT, 0.00	Band 4	WCDMA, 10457-AAB	1752.600, 1513	8.97	1.34	41.90

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

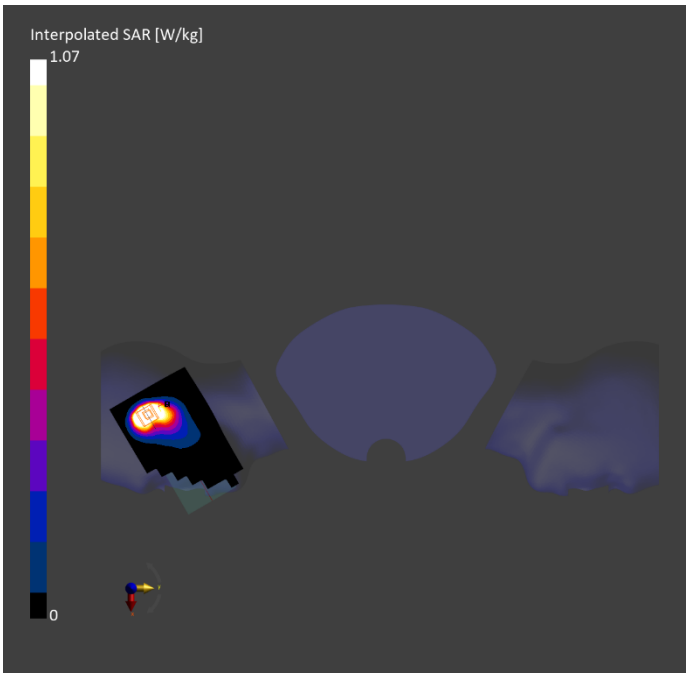
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-18, 14:54	2025-01-18, 15:07
psSAR1g [W/kg]	0.497	0.502
psSAR10g [W/kg]	0.217	0.221
Power Drift [dB]	-0.02	-0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.7
Dist 3dB Peak [mm]		5.5

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, BACK, Band 5, Channel 4182 (836.400MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
Flat, HBBL 5-10000MHz	BACK, 10.00	Band 5	WCDMA, 10457-AAB	836.400, 4182	10.2	0.914	41.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

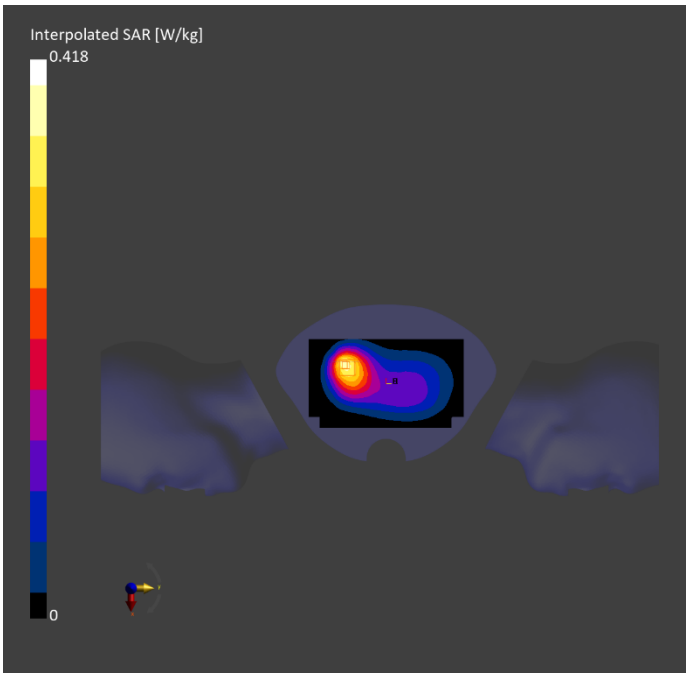
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-15, 18:49	2025-01-15, 19:02
psSAR1g [W/kg]	0.179	0.192
psSAR10g [W/kg]	0.116	0.119
Power Drift [dB]	-0.13	0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		84.5
Dist 3dB Peak [mm]		11.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		Power drift exceeds warning threshold.
Error(s)		



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Measurement Report for Device, TILT, Band 5, Channel 4182 (836.400MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
LeftHead, HBBL 5-10000MHz	TILT, 0.00	Band 5	WCDMA, 10457-AAB	836.400, 4182	10.2	0.914	41.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

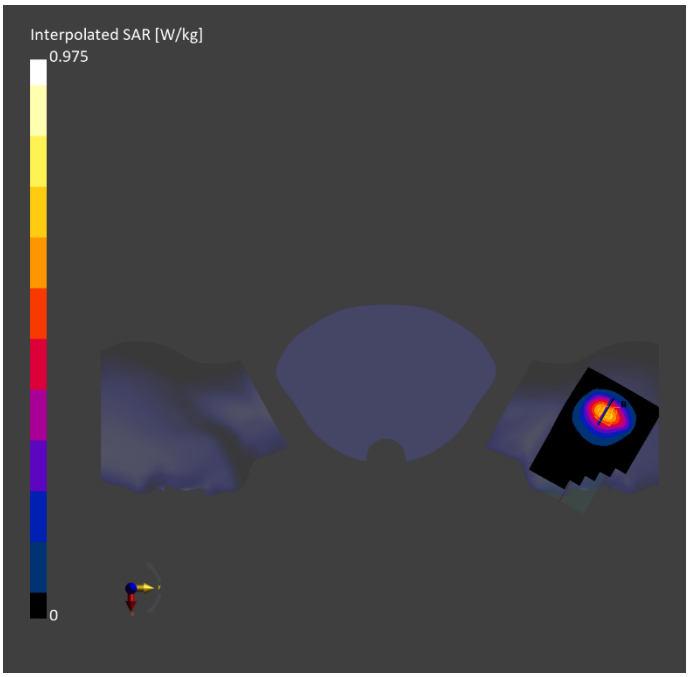
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	20245-01-15, 16:33	2025-01-15, 16:46
psSAR1g [W/kg]	0.524	0.551
psSAR10g [W/kg]	0.302	0.309
Power Drift [dB]	-0.02	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.1
Dist 3dB Peak [mm]		9.7

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, BACK, Band 2, Channel 19125 (1902.500MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
Flat, HBBL 5-10000MHz	BACK, 10.00	Band 2	LTE-FDD, 10169-CAF	1902.500, 19125	8.37	1.44	41.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

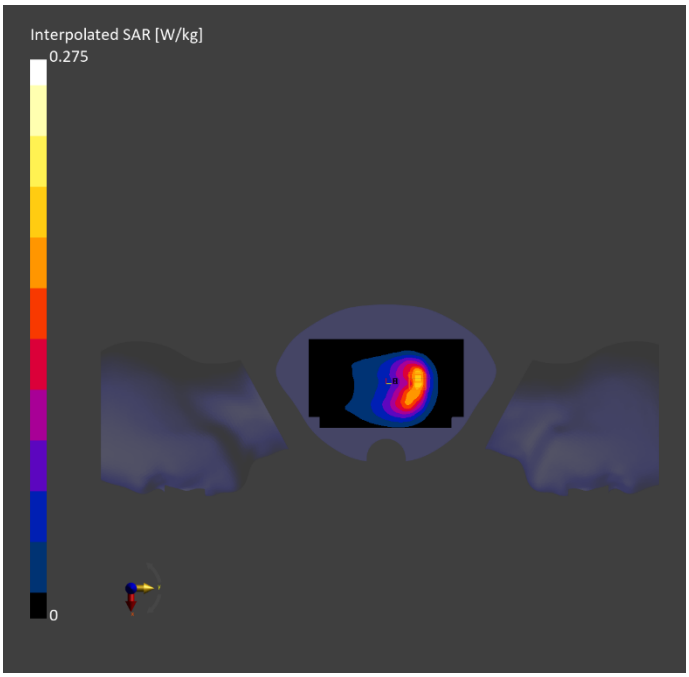
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 10:09	2025-01-20, 10:16
psSAR1g [W/kg]	0.141	0.147
psSAR10g [W/kg]	0.069	0.074
Power Drift [dB]	-0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		12.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Measurement Report for Device, CHEEK, Band 2, Channel 19125 (1902.500MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	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
RightHead, HBBL 5-10000MHz	TILT, 0.00	Band 2	LTE-FDD, 10169-CAF	1902.500, 19125	8.37	1.44	41.70

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1901	HBBL 5-10000MHz , --	EX3DV4 - SN7391, 2024-11-29	DAE4 Sn1495, 2024-07-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 09:11	2025-01-20, 09:26
psSAR1g [W/kg]	0.389	0.396
psSAR10g [W/kg]	0.169	0.171
Power Drift [dB]	0.19	0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		88.5
Dist 3dB Peak [mm]		12.2

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)