12.2 Sum SAR of Simultaneous Transmission

12.2.1 Head Simultaneous Transmission SAR Evaluation for EN-DC with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR								SUM SAR		
			1	2	3	4	5	6	7	8			
			WWAN	N78 （ANT8）	2.4GWIFI （ANT3）	2.4GWIFI （ANT6）	Max.5GWIFI （ANT6）	Max.5GWIFI （ANT7）	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2+3+4）	Sum SAR （1+2+3+5+6+8）	Sum SAR （1+2+4+5+6+7）
LTE B5	Ant.2	Left Cheek	0.116	0.187	0.259	0.411	0.313	0.045	0.009	0.017	0.973	0.937	1.080
	Ant.2	Left Tilt	0.045	0.263	0.054	0.434	0.408	0.029	0.012	0.022	0.796	0.821	1.191
	Ant.2	Right Cheek	0.388	0.444	0.200	0.157	0.213	0.051	0.007	0.016	1.189	1.311	1.260
	Ant.2	Right Tilt	0.073	0.567	0.078	0.237	0.277	0.039	0.004	0.012	0.955	1.046	1.197
LTE B5	Ant.1	Left Cheek	0.048	0.187	0.259	0.411	0.313	0.045	0.009	0.017	0.905	0.869	1.012
	Ant.1	Left Tilt	0.032	0.263	0.054	0.434	0.408	0.029	0.012	0.022	0.783	0.808	1.178
	Ant.1	Right Cheek	0.086	0.444	0.200	0.157	0.213	0.051	0.007	0.016	0.887	1.009	0.958
	Ant.1	Right Tilt	0.029	0.567	0.078	0.237	0.277	0.039	0.004	0.012	0.911	1.002	1.153
LTE B7	Ant.2	Left Cheek	0.119	0.187	0.259	0.411	0.313	0.045	0.009	0.017	0.976	0.940	1.083
	Ant.2	Left Tilt	0.072	0.263	0.054	0.434	0.408	0.029	0.012	0.022	0.823	0.848	1.218
	Ant.2	Right Cheek	0.381	0.444	0.200	0.157	0.213	0.051	0.007	0.016	1.182	1.304	1.253
	Ant.2	Right Tilt	0.050	0.567	0.078	0.237	0.277	0.039	0.004	0.012	0.932	1.023	1.174
LTE B7	Ant.4	Left Cheek	0.115	0.187	0.259	0.411	0.313	0.045	0.009	0.017	0.972	0.936	1.079
	Ant.4	Left Tilt	0.070	0.263	0.054	0.434	0.408	0.029	0.012	0.022	0.821	0.846	1.216
	Ant.4	Right Cheek	0.292	0.444	0.200	0.157	0.213	0.051	0.007	0.016	1.093	1.215	1.164
	Ant.4	Right Tilt	0.206	0.567	0.078	0.237	0.277	0.039	0.004	0.012	1.088	1.179	1.330
LTE B38	Ant.2	Left Cheek	0.089	0.187	0.259	0.411	0.313	0.045	0.009	0.017	0.946	0.910	1.053
	Ant.2	Left Tilt	0.044	0.263	0.054	0.434	0.408	0.029	0.012	0.022	0.795	0.820	1.190
	Ant.2	Right Cheek	0.414	0.444	0.200	0.157	0.213	0.051	0.007	0.016	1.215	**1.337**	1.286
	Ant.2	Right Tilt	0.039	0.567	0.078	0.237	0.277	0.039	0.004	0.012	0.921	1.012	1.163
LTE B38	Ant.4	Left Cheek	0.184	0.187	0.259	0.411	0.313	0.045	0.009	0.017	1.041	1.005	1.148
	Ant.4	Left Tilt	0.055	0.263	0.054	0.434	0.408	0.029	0.012	0.022	0.806	0.831	1.201
	Ant.4	Right Cheek	0.327	0.444	0.200	0.157	0.213	0.051	0.007	0.016	1.128	1.250	1.199
	Ant.4	Right Tilt	0.162	0.567	0.078	0.237	0.277	0.039	0.004	0.012	1.044	1.135	1.286

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.337 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.2 Head Simultaneous Transmission SAR Evaluation for WLAN and Bluetooth

Position	Stand alone SAR						SUM SAR		
	1	2	3	4	5	6			
	2.4GWIFI ANT3	2.4GWIFI ANT6	MAX.5G WIFI ANT6	MAX.5G WIFI ANT7	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2）	Sum SAR （1+3+4+6）	Sum SAR （2+3+4+5）
Left Cheek	0.359	0.560	0.686	0.094	0.009	0.017	0.919	1.156	1.349

Left Tilt	0.071	0.576	0.872	0.060	0.012	0.022	0.647	1.026	**1.520**
Right Cheek	0.281	0.204	0.510	0.138	0.007	0.016	0.485	0.944	0.859
Right Tilt	0.102	0.313	0.627	0.082	0.004	0.012	0.416	0.824	1.027

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.52 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.3 Head Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Position	Stand alone SAR						SUM SAR		
	1	2	3	4	5	6			
	2.4GWIFI ANT3	2.4GWIFI ANT6	MAX.5G WIFI ANT6	MAX.5G WIFI ANT7	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2）	Sum SAR （1+3+4+6）	Sum SAR （2+3+4+5）
Front Side 15mm	0.075	0.058	0.075	0.050	0.010	0.013	0.133	0.213	0.193
Back Side 15mm	0.074	0.085	0.166	0.204	0.004	0.016	0.159	**0.460**	0.459

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.460 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.4 Head Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR							SUM SAR		
			1	2	3	4	5	6	7			
			WWAN	2.4GWIFI ANT3	2.4GWIFI ANT6	MAX.5G WIFI ANT6	MAX.5G WIFI ANT7	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2+3）	Sum SAR （1+2+4+5+7）	Sum SAR （1+3+4+5+6）
GSM850	Ant.2	Left Cheek	0.132	0.259	0.411	0.313	0.045	0.009	0.017	0.802	0.766	0.909
	Ant.2	Left Tilt	0.053	0.054	0.434	0.408	0.029	0.012	0.022	0.541	0.566	0.936
	Ant.2	Right Cheek	0.386	0.200	0.157	0.213	0.051	0.007	0.016	0.743	0.865	0.814
	Ant.2	Right Tilt	0.093	0.078	0.237	0.277	0.039	0.004	0.012	0.408	0.499	0.650
GSM850	Ant.1	Left Cheek	0.061	0.259	0.411	0.313	0.045	0.009	0.017	0.731	0.695	0.838
	Ant.1	Left Tilt	0.034	0.054	0.434	0.408	0.029	0.012	0.022	0.522	0.547	0.917
	Ant.1	Right Cheek	0.090	0.200	0.157	0.213	0.051	0.007	0.016	0.447	0.569	0.518
	Ant.1	Right Tilt	0.051	0.078	0.237	0.277	0.039	0.004	0.012	0.366	0.457	0.608
GSM 1900	Ant.2	Left Cheek	0.143	0.259	0.411	0.313	0.045	0.009	0.017	0.813	0.777	0.920
	Ant.2	Left Tilt	0.065	0.054	0.434	0.408	0.029	0.012	0.022	0.553	0.578	0.948
	Ant.2	Right Cheek	0.533	0.200	0.157	0.213	0.051	0.007	0.016	0.890	1.012	0.961
	Ant.2	Right Tilt	0.059	0.078	0.237	0.277	0.039	0.004	0.012	0.374	0.465	0.616
GSM 1900	Ant.4	Left Cheek	0.335	0.259	0.411	0.313	0.045	0.009	0.017	1.005	0.969	1.112
	Ant.4	Left Tilt	0.199	0.054	0.434	0.408	0.029	0.012	0.022	0.687	0.712	1.082
	Ant.4	Right Cheek	1.100	0.200	0.157	0.213	0.051	0.007	0.016	1.457	**1.579**	1.528

	Ant.4	Right Tilt	0.580	0.078	0.237	0.277	0.039	0.004	0.012	0.895	0.986	1.137
WCDMA B2	Ant.2	Left Cheek	0.349	0.259	0.411	0.313	0.045	0.009	0.017	1.019	0.983	1.126
	Ant.2	Left Tilt	0.172	0.054	0.434	0.408	0.029	0.012	0.022	0.660	0.685	1.055
	Ant.2	Right Cheek	0.809	0.200	0.157	0.213	0.051	0.007	0.016	1.166	1.288	1.237
	Ant.2	Right Tilt	0.156	0.078	0.237	0.277	0.039	0.004	0.012	0.471	0.562	0.713
WCDMA B2	Ant.4	Left Cheek	0.201	0.259	0.411	0.313	0.045	0.009	0.017	0.871	0.835	0.978
	Ant.4	Left Tilt	0.149	0.054	0.434	0.408	0.029	0.012	0.022	0.637	0.662	1.032
	Ant.4	Right Cheek	0.817	0.200	0.157	0.213	0.051	0.007	0.016	1.174	1.296	1.245
	Ant.4	Right Tilt	0.410	0.078	0.237	0.277	0.039	0.004	0.012	0.725	0.816	0.967
WCDMA B4	Ant.2	Left Cheek	0.210	0.259	0.411	0.313	0.045	0.009	0.017	0.880	0.844	0.987
	Ant.2	Left Tilt	0.113	0.054	0.434	0.408	0.029	0.012	0.022	0.601	0.626	0.996
	Ant.2	Right Cheek	0.554	0.200	0.157	0.213	0.051	0.007	0.016	0.911	1.033	0.982
	Ant.2	Right Tilt	0.134	0.078	0.237	0.277	0.039	0.004	0.012	0.449	0.540	0.691
WCDMA B4	Ant.4	Left Cheek	0.158	0.259	0.411	0.313	0.045	0.009	0.017	0.828	0.792	0.935
	Ant.4	Left Tilt	0.123	0.054	0.434	0.408	0.029	0.012	0.022	0.611	0.636	1.006
	Ant.4	Right Cheek	0.634	0.200	0.157	0.213	0.051	0.007	0.016	0.991	1.113	1.062
	Ant.4	Right Tilt	0.329	0.078	0.237	0.277	0.039	0.004	0.012	0.644	0.735	0.886
WCDMA B5	Ant.2	Left Cheek	0.140	0.259	0.411	0.313	0.045	0.009	0.017	0.810	0.774	0.917
	Ant.2	Left Tilt	0.052	0.054	0.434	0.408	0.029	0.012	0.022	0.540	0.565	0.935
	Ant.2	Right Cheek	0.364	0.200	0.157	0.213	0.051	0.007	0.016	0.721	0.843	0.792
	Ant.2	Right Tilt	0.095	0.078	0.237	0.277	0.039	0.004	0.012	0.410	0.501	0.652
WCDMA B5	Ant.1	Left Cheek	0.046	0.259	0.411	0.313	0.045	0.009	0.017	0.716	0.680	0.823
	Ant.1	Left Tilt	0.028	0.054	0.434	0.408	0.029	0.012	0.022	0.516	0.541	0.911
	Ant.1	Right Cheek	0.071	0.200	0.157	0.213	0.051	0.007	0.016	0.428	0.550	0.499
	Ant.1	Right Tilt	0.048	0.078	0.237	0.277	0.039	0.004	0.012	0.363	0.454	0.605
CDMA BC0	Ant.2	Left Cheek	0.146	0.259	0.411	0.313	0.045	0.009	0.017	0.816	0.780	0.923
	Ant.2	Left Tilt	0.056	0.054	0.434	0.408	0.029	0.012	0.022	0.544	0.569	0.939
	Ant.2	Right Cheek	0.404	0.200	0.157	0.213	0.051	0.007	0.016	0.761	0.883	0.832
	Ant.2	Right Tilt	0.101	0.078	0.237	0.277	0.039	0.004	0.012	0.416	0.507	0.658
CDMA BC0	Ant.1	Left Cheek	0.055	0.259	0.411	0.313	0.045	0.009	0.017	0.725	0.689	0.832
	Ant.1	Left Tilt	0.033	0.054	0.434	0.408	0.029	0.012	0.022	0.521	0.546	0.916
	Ant.1	Right Cheek	0.068	0.200	0.157	0.213	0.051	0.007	0.016	0.425	0.547	0.496
	Ant.1	Right Tilt	0.045	0.078	0.237	0.277	0.039	0.004	0.012	0.360	0.451	0.602
LTE B2	Ant.2	Left Cheek	0.251	0.259	0.411	0.313	0.045	0.009	0.017	0.921	0.885	1.028
	Ant.2	Left Tilt	0.116	0.054	0.434	0.408	0.029	0.012	0.022	0.604	0.629	0.999
	Ant.2	Right Cheek	0.665	0.200	0.157	0.213	0.051	0.007	0.016	1.022	1.144	1.093
	Ant.2	Right Tilt	0.108	0.078	0.237	0.277	0.039	0.004	0.012	0.423	0.514	0.665
LTE B2	Ant.4	Left Cheek	0.249	0.259	0.411	0.313	0.045	0.009	0.017	0.919	0.883	1.026
	Ant.4	Left Tilt	0.157	0.054	0.434	0.408	0.029	0.012	0.022	0.645	0.670	1.040
	Ant.4	Right Cheek	0.884	0.200	0.157	0.213	0.051	0.007	0.016	1.241	1.363	1.312
	Ant.4	Right Tilt	0.422	0.078	0.237	0.277	0.039	0.004	0.012	0.737	0.828	0.979
LTE B4	Ant.2	Left Cheek	0.281	0.259	0.411	0.313	0.045	0.009	0.017	0.951	0.915	1.058
	Ant.2	Left Tilt	0.140	0.054	0.434	0.408	0.029	0.012	0.022	0.628	0.653	1.023

	Ant.2	Right Cheek	0.541	0.200	0.157	0.213	0.051	0.007	0.016	0.898	1.020	0.969
	Ant.2	Right Tilt	0.192	0.078	0.237	0.277	0.039	0.004	0.012	0.507	0.598	0.749
LTE B4	Ant.4	Left Cheek	0.177	0.259	0.411	0.313	0.045	0.009	0.017	0.847	0.811	0.954
	Ant.4	Left Tilt	0.137	0.054	0.434	0.408	0.029	0.012	0.022	0.625	0.650	1.020
	Ant.4	Right Cheek	0.734	0.200	0.157	0.213	0.051	0.007	0.016	1.091	1.213	1.162
	Ant.4	Right Tilt	0.402	0.078	0.237	0.277	0.039	0.004	0.012	0.717	0.808	0.959
LTE B5	Ant.2	Left Cheek	0.116	0.259	0.411	0.313	0.045	0.009	0.017	0.786	0.750	0.893
	Ant.2	Left Tilt	0.045	0.054	0.434	0.408	0.029	0.012	0.022	0.533	0.558	0.928
	Ant.2	Right Cheek	0.388	0.200	0.157	0.213	0.051	0.007	0.016	0.745	0.867	0.816
	Ant.2	Right Tilt	0.073	0.078	0.237	0.277	0.039	0.004	0.012	0.388	0.479	0.630
LTE B5	Ant.1	Left Cheek	0.048	0.259	0.411	0.313	0.045	0.009	0.017	0.718	0.682	0.825
	Ant.1	Left Tilt	0.032	0.054	0.434	0.408	0.029	0.012	0.022	0.520	0.545	0.915
	Ant.1	Right Cheek	0.086	0.200	0.157	0.213	0.051	0.007	0.016	0.443	0.565	0.514
	Ant.1	Right Tilt	0.029	0.078	0.237	0.277	0.039	0.004	0.012	0.344	0.435	0.586
LTE B7	Ant.2	Left Cheek	0.298	0.259	0.411	0.313	0.045	0.009	0.017	0.968	0.932	1.075
	Ant.2	Left Tilt	0.171	0.054	0.434	0.408	0.029	0.012	0.022	0.659	0.684	1.054
	Ant.2	Right Cheek	0.941	0.200	0.157	0.213	0.051	0.007	0.016	1.298	1.420	1.369
	Ant.2	Right Tilt	0.112	0.078	0.237	0.277	0.039	0.004	0.012	0.427	0.518	0.669
LTE B7	Ant.4	Left Cheek	0.215	0.259	0.411	0.313	0.045	0.009	0.017	0.885	0.849	0.992
	Ant.4	Left Tilt	0.139	0.054	0.434	0.408	0.029	0.012	0.022	0.627	0.652	1.022
	Ant.4	Right Cheek	0.521	0.200	0.157	0.213	0.051	0.007	0.016	0.878	1.000	0.949
	Ant.4	Right Tilt	0.374	0.078	0.237	0.277	0.039	0.004	0.012	0.689	0.780	0.931
LTE B12	Ant.2	Left Cheek	0.072	0.259	0.411	0.313	0.045	0.009	0.017	0.742	0.706	0.849
	Ant.2	Left Tilt	0.024	0.054	0.434	0.408	0.029	0.012	0.022	0.512	0.537	0.907
	Ant.2	Right Cheek	0.241	0.200	0.157	0.213	0.051	0.007	0.016	0.598	0.720	0.669
	Ant.2	Right Tilt	0.046	0.078	0.237	0.277	0.039	0.004	0.012	0.361	0.452	0.603
LTE B12	Ant.1	Left Cheek	0.055	0.259	0.411	0.313	0.045	0.009	0.017	0.725	0.689	0.832
	Ant.1	Left Tilt	0.042	0.054	0.434	0.408	0.029	0.012	0.022	0.530	0.555	0.925
	Ant.1	Right Cheek	0.080	0.200	0.157	0.213	0.051	0.007	0.016	0.437	0.559	0.508
	Ant.1	Right Tilt	0.069	0.078	0.237	0.277	0.039	0.004	0.012	0.384	0.475	0.626
LTE B17	Ant.2	Left Cheek	0.045	0.259	0.411	0.313	0.045	0.009	0.017	0.715	0.679	0.822
	Ant.2	Left Tilt	0.020	0.054	0.434	0.408	0.029	0.012	0.022	0.508	0.533	0.903
	Ant.2	Right Cheek	0.190	0.200	0.157	0.213	0.051	0.007	0.016	0.547	0.669	0.618
	Ant.2	Right Tilt	0.036	0.078	0.237	0.277	0.039	0.004	0.012	0.351	0.442	0.593
LTE B17	Ant.1	Left Cheek	0.053	0.259	0.411	0.313	0.045	0.009	0.017	0.723	0.687	0.830
	Ant.1	Left Tilt	0.035	0.054	0.434	0.408	0.029	0.012	0.022	0.523	0.548	0.918
	Ant.1	Right Cheek	0.076	0.200	0.157	0.213	0.051	0.007	0.016	0.433	0.555	0.504
	Ant.1	Right Tilt	0.050	0.078	0.237	0.277	0.039	0.004	0.012	0.365	0.456	0.607
LTE B26	Ant.2	Left Cheek	0.121	0.259	0.411	0.313	0.045	0.009	0.017	0.791	0.755	0.898
	Ant.2	Left Tilt	0.043	0.054	0.434	0.408	0.029	0.012	0.022	0.531	0.556	0.926
	Ant.2	Right Cheek	0.428	0.200	0.157	0.213	0.051	0.007	0.016	0.785	0.907	0.856
	Ant.2	Right Tilt	0.081	0.078	0.237	0.277	0.039	0.004	0.012	0.396	0.487	0.638
LTE B26	Ant.1	Left Cheek	0.036	0.259	0.411	0.313	0.045	0.009	0.017	0.706	0.670	0.813

	Ant.1	Left Tilt	0.028	0.054	0.434	0.408	0.029	0.012	0.022	0.516	0.541	0.911
	Ant.1	Right Cheek	0.066	0.200	0.157	0.213	0.051	0.007	0.016	0.423	0.545	0.494
	Ant.1	Right Tilt	0.040	0.078	0.237	0.277	0.039	0.004	0.012	0.355	0.446	0.597
LTE B38	Ant.2	Left Cheek	0.167	0.259	0.411	0.313	0.045	0.009	0.017	0.837	0.801	0.944
	Ant.2	Left Tilt	0.079	0.054	0.434	0.408	0.029	0.012	0.022	0.567	0.592	0.962
	Ant.2	Right Cheek	0.776	0.200	0.157	0.213	0.051	0.007	0.016	1.133	1.255	1.204
	Ant.2	Right Tilt	0.075	0.078	0.237	0.277	0.039	0.004	0.012	0.390	0.481	0.632
LTE B38	Ant.4	Left Cheek	0.359	0.259	0.411	0.313	0.045	0.009	0.017	1.029	0.993	1.136
	Ant.4	Left Tilt	0.103	0.054	0.434	0.408	0.029	0.012	0.022	0.591	0.616	0.986
	Ant.4	Right Cheek	0.621	0.200	0.157	0.213	0.051	0.007	0.016	0.978	1.100	1.049
	Ant.4	Right Tilt	0.311	0.078	0.237	0.277	0.039	0.004	0.012	0.626	0.717	0.868
LTE B41	Ant.1	Left Cheek	0.355	0.259	0.411	0.313	0.045	0.009	0.017	1.025	0.989	1.132
	Ant.1	Left Tilt	0.184	0.054	0.434	0.408	0.029	0.012	0.022	0.672	0.697	1.067
	Ant.1	Right Cheek	1.036	0.200	0.157	0.213	0.051	0.007	0.016	1.393	1.515	1.464
	Ant.1	Right Tilt	0.194	0.078	0.237	0.277	0.039	0.004	0.012	0.509	0.600	0.751
LTE B41	Ant.2	Left Cheek	0.237	0.259	0.411	0.313	0.045	0.009	0.017	0.907	0.871	1.014
	Ant.2	Left Tilt	0.083	0.054	0.434	0.408	0.029	0.012	0.022	0.571	0.596	0.966
	Ant.2	Right Cheek	0.920	0.200	0.157	0.213	0.051	0.007	0.016	1.277	1.399	1.348
	Ant.2	Right Tilt	0.222	0.078	0.237	0.277	0.039	0.004	0.012	0.537	0.628	0.779
5G N5	Ant.2	Left Cheek	0.103	0.259	0.411	0.313	0.045	0.009	0.017	0.773	0.737	0.880
	Ant.2	Left Tilt	0.046	0.054	0.434	0.408	0.029	0.012	0.022	0.534	0.559	0.929
	Ant.2	Right Cheek	0.395	0.200	0.157	0.213	0.051	0.007	0.016	0.752	0.874	0.823
	Ant.2	Right Tilt	0.062	0.078	0.237	0.277	0.039	0.004	0.012	0.377	0.468	0.619
5G N7	Ant.2	Left Cheek	0.371	0.259	0.411	0.313	0.045	0.009	0.017	1.041	1.005	1.148
	Ant.2	Left Tilt	0.229	0.054	0.434	0.408	0.029	0.012	0.022	0.717	0.742	1.112
	Ant.2	Right Cheek	0.888	0.200	0.157	0.213	0.051	0.007	0.016	1.245	1.367	1.316
	Ant.2	Right Tilt	0.138	0.078	0.237	0.277	0.039	0.004	0.012	0.453	0.544	0.695
5G N41	Ant.2	Left Cheek	0.299	0.259	0.411	0.313	0.045	0.009	0.017	0.969	0.933	1.076
	Ant.2	Left Tilt	0.194	0.054	0.434	0.408	0.029	0.012	0.022	0.682	0.707	1.077
	Ant.2	Right Cheek	1.053	0.200	0.157	0.213	0.051	0.007	0.016	1.410	1.532	1.481
	Ant.2	Right Tilt	0.336	0.078	0.237	0.277	0.039	0.004	0.012	0.651	0.742	0.893
5G N41	Ant.8	Left Cheek	0.369	0.259	0.411	0.313	0.045	0.009	0.017	1.039	1.003	1.146
	Ant.8	Left Tilt	0.413	0.054	0.434	0.408	0.029	0.012	0.022	0.901	0.926	1.296
	Ant.8	Right Cheek	0.683	0.200	0.157	0.213	0.051	0.007	0.016	1.040	1.162	1.111
	Ant.8	Right Tilt	0.783	0.078	0.237	0.277	0.039	0.004	0.012	1.098	1.189	1.340
5G N77	Ant.8	Left Cheek	0.254	0.259	0.411	0.313	0.045	0.009	0.017	0.924	0.888	1.031
	Ant.8	Left Tilt	0.373	0.054	0.434	0.408	0.029	0.012	0.022	0.861	0.886	1.256
	Ant.8	Right Cheek	0.598	0.200	0.157	0.213	0.051	0.007	0.016	0.955	1.077	1.026
	Ant.8	Right Tilt	0.880	0.078	0.237	0.277	0.039	0.004	0.012	1.195	1.286	1.437
5G N78	Ant.8	Left Cheek	0.227	0.259	0.411	0.313	0.045	0.009	0.017	0.897	0.861	1.004
	Ant.8	Left Tilt	0.332	0.054	0.434	0.408	0.029	0.012	0.022	0.820	0.845	1.215
	Ant.8	Right Cheek	0.526	0.200	0.157	0.213	0.051	0.007	0.016	0.883	1.005	0.954
	Ant.8	Right Tilt	0.711	0.078	0.237	0.277	0.039	0.004	0.012	1.026	1.117	1.268

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.579 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.5 Body-worn Simultaneous Transmission SAR Evaluation for EN-DC with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR								SUM SAR		
			1	2	3	4	5	6	7	8			
			WWAN	N78 （ANT8）	2.4GWIFI （ANT3）	2.4GWIFI （ANT6）	Max.5GWIFI （ANT6）	Max.5GWIFI （ANT7）	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2+3+4）	Sum SAR （1+2+3+5+6+8）	Sum SAR （1+2+4+5+6+7）
LTE B5	Ant.2	Front Side 15mm	0.265	0.076	0.075	0.058	0.075	0.050	0.010	0.013	0.474	0.554	0.534
	Ant.2	Back Side 15mm	0.245	0.089	0.074	0.085	0.166	0.204	0.004	0.016	0.493	0.794	0.793
LTE B5	Ant.1	Front Side 15mm	0.239	0.076	0.075	0.058	0.075	0.050	0.010	0.013	0.448	0.528	0.508
	Ant.1	Back Side 15mm	0.251	0.089	0.074	0.085	0.166	0.204	0.004	0.016	0.499	**0.800**	0.799
LTE B7	Ant.2	Front Side 15mm	0.150	0.076	0.075	0.058	0.075	0.050	0.010	0.013	0.359	0.439	0.419
	Ant.2	Back Side 15mm	0.148	0.089	0.074	0.085	0.166	0.204	0.004	0.016	0.396	0.697	0.696
LTE B7	Ant.4	Front Side 15mm	0.086	0.076	0.075	0.058	0.075	0.050	0.010	0.013	0.295	0.375	0.355
	Ant.4	Back Side 15mm	0.067	0.089	0.074	0.085	0.166	0.204	0.004	0.016	0.315	0.616	0.615
LTE B38	Ant.1	Front Side 15mm	0.114	0.076	0.075	0.058	0.075	0.050	0.010	0.013	0.323	0.403	0.383
	Ant.1	Back Side 15mm	0.099	0.089	0.074	0.085	0.166	0.204	0.004	0.016	0.347	0.648	0.647
LTE B38	Ant.2	Front Side 15mm	0.095	0.076	0.075	0.058	0.075	0.050	0.010	0.013	0.304	0.384	0.364
	Ant.2	Back Side 15mm	0.088	0.089	0.074	0.085	0.166	0.204	0.004	0.016	0.336	0.637	0.636

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.800 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.6 Body worn Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR							SUM SAR		
			1	2	3	4	5	6	7			
			WWAN	2.4GWIFI ANT3	2.4GWIFI ANT6	MAX.5G WIFI ANT6	MAX.5G WIFI ANT7	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2+3）	Sum SAR （1+2+4+5+7）	Sum SAR （1+3+4+5+6）
GSM850	Ant.2	Front Side 15mm	0.239	0.076	0.075	0.075	0.050	0.010	0.013	0.390	0.453	0.449
	Ant.2	Back Side 15mm	0.216	0.089	0.074	0.166	0.204	0.004	0.016	0.379	0.691	0.664
GSM850	Ant.1	Front Side 15mm	0.283	0.076	0.075	0.075	0.050	0.010	0.013	0.434	0.497	0.493
	Ant.1	Back Side 15mm	0.320	0.089	0.074	0.166	0.204	0.004	0.016	0.483	**0.795**	0.768
GSM 1900	Ant.2	Front Side 15mm	0.075	0.076	0.075	0.075	0.050	0.010	0.013	0.226	0.289	0.285
	Ant.2	Back Side 15mm	0.073	0.089	0.074	0.166	0.204	0.004	0.016	0.236	0.548	0.521
GSM 1900	Ant.4	Front Side 15mm	0.160	0.076	0.075	0.075	0.050	0.010	0.013	0.311	0.374	0.370
	Ant.4	Back Side 15mm	0.142	0.089	0.074	0.166	0.204	0.004	0.016	0.305	0.617	0.590

WCDMA B4	Ant.2	Front Side 15mm	0.131	0.076	0.075	0.075	0.050	0.010	0.013	0.282	0.345	0.341
	Ant.2	Back Side 15mm	0.232	0.089	0.074	0.166	0.204	0.004	0.016	0.395	0.707	0.680
WCDMA B4	Ant.1	Front Side 15mm	0.249	0.076	0.075	0.075	0.050	0.010	0.013	0.400	0.463	0.459
	Ant.1	Back Side 15mm	0.246	0.089	0.074	0.166	0.204	0.004	0.016	0.409	0.721	0.694
WCDMA B4	Ant.2	Front Side 15mm	0.197	0.076	0.075	0.075	0.050	0.010	0.013	0.348	0.411	0.407
	Ant.2	Back Side 15mm	0.203	0.089	0.074	0.166	0.204	0.004	0.016	0.366	0.678	0.651
WCDMA B4	Ant.1	Front Side 15mm	0.211	0.076	0.075	0.075	0.050	0.010	0.013	0.362	0.425	0.421
	Ant.1	Back Side 15mm	0.190	0.089	0.074	0.166	0.204	0.004	0.016	0.353	0.665	0.638
WCDMA B5	Ant.2	Front Side 15mm	0.244	0.076	0.075	0.075	0.050	0.010	0.013	0.395	0.458	0.454
	Ant.2	Back Side 15mm	0.233	0.089	0.074	0.166	0.204	0.004	0.016	0.396	0.708	0.681
WCDMA B5	Ant.1	Front Side 15mm	0.285	0.076	0.075	0.075	0.050	0.010	0.013	0.436	0.499	0.495
	Ant.1	Back Side 15mm	0.292	0.089	0.074	0.166	0.204	0.004	0.016	0.455	0.767	0.740
CDMA BC0	Ant.2	Front Side 15mm	0.263	0.076	0.075	0.075	0.050	0.010	0.013	0.414	0.477	0.473
	Ant.2	Back Side 15mm	0.259	0.089	0.074	0.166	0.204	0.004	0.016	0.422	0.734	0.707
CDMA BC0	Ant.1	Front Side 15mm	0.256	0.076	0.075	0.075	0.050	0.010	0.013	0.407	0.470	0.466
	Ant.1	Back Side 15mm	0.268	0.089	0.074	0.166	0.204	0.004	0.016	0.431	0.743	0.716
LTE B2	Ant.2	Front Side 15mm	0.131	0.076	0.075	0.075	0.050	0.010	0.013	0.282	0.345	0.341
	Ant.2	Back Side 15mm	0.113	0.089	0.074	0.166	0.204	0.004	0.016	0.276	0.588	0.561
LTE B2	Ant.4	Front Side 15mm	0.216	0.076	0.075	0.075	0.050	0.010	0.013	0.367	0.430	0.426
	Ant.4	Back Side 15mm	0.209	0.089	0.074	0.166	0.204	0.004	0.016	0.372	0.684	0.657
LTE B4	Ant.2	Front Side 15mm	0.207	0.076	0.075	0.075	0.050	0.010	0.013	0.358	0.421	0.417
	Ant.2	Back Side 15mm	0.218	0.089	0.074	0.166	0.204	0.004	0.016	0.381	0.693	0.666
LTE B4	Ant.4	Front Side 15mm	0.162	0.076	0.075	0.075	0.050	0.010	0.013	0.313	0.376	0.372
	Ant.4	Back Side 15mm	0.170	0.089	0.074	0.166	0.204	0.004	0.016	0.333	0.645	0.618
LTE B5	Ant.2	Front Side 15mm	0.265	0.076	0.075	0.075	0.050	0.010	0.013	0.416	0.479	0.475
	Ant.2	Back Side 15mm	0.245	0.089	0.074	0.166	0.204	0.004	0.016	0.408	0.720	0.693
LTE B5	Ant.1	Front Side 15mm	0.239	0.076	0.075	0.075	0.050	0.010	0.013	0.390	0.453	0.449
	Ant.1	Back Side 15mm	0.251	0.089	0.074	0.166	0.204	0.004	0.016	0.414	0.726	0.699
LTE B7	Ant.2	Front Side 15mm	0.200	0.076	0.075	0.075	0.050	0.010	0.013	0.351	0.414	0.410
	Ant.2	Back Side 15mm	0.186	0.089	0.074	0.166	0.204	0.004	0.016	0.349	0.661	0.634
LTE B7	Ant.4	Front Side 15mm	0.135	0.076	0.075	0.075	0.050	0.010	0.013	0.286	0.349	0.345
	Ant.4	Back Side 15mm	0.101	0.089	0.074	0.166	0.204	0.004	0.016	0.264	0.576	0.549
LTE B12	Ant.2	Front Side 15mm	0.110	0.076	0.075	0.075	0.050	0.010	0.013	0.261	0.324	0.320
	Ant.2	Back Side 15mm	0.101	0.089	0.074	0.166	0.204	0.004	0.016	0.264	0.576	0.549
LTE B12	Ant.1	Front Side 15mm	0.178	0.076	0.075	0.075	0.050	0.010	0.013	0.329	0.392	0.388
	Ant.1	Back Side 15mm	0.184	0.089	0.074	0.166	0.204	0.004	0.016	0.347	0.659	0.632
LTE B17	Ant.2	Front Side 15mm	0.087	0.076	0.075	0.075	0.050	0.010	0.013	0.238	0.301	0.297
	Ant.2	Back Side 15mm	0.083	0.089	0.074	0.166	0.204	0.004	0.016	0.246	0.558	0.531
LTE B17	Ant.1	Front Side 15mm	0.183	0.076	0.075	0.075	0.050	0.010	0.013	0.334	0.397	0.393
	Ant.1	Back Side 15mm	0.189	0.089	0.074	0.166	0.204	0.004	0.016	0.352	0.664	0.637
LTE B26	Ant.2	Front Side 15mm	0.212	0.076	0.075	0.075	0.050	0.010	0.013	0.363	0.426	0.422
	Ant.2	Back Side 15mm	0.197	0.089	0.074	0.166	0.204	0.004	0.016	0.360	0.672	0.645
LTE B26	Ant.1	Front Side 15mm	0.179	0.076	0.075	0.075	0.050	0.010	0.013	0.330	0.393	0.389

	Ant.1	Back Side 15mm	0.229	0.089	0.074	0.166	0.204	0.004	0.016	0.392	0.704	0.677
LTE B38	Ant.1	Front Side 15mm	0.114	0.076	0.075	0.075	0.050	0.010	0.013	0.265	0.328	0.324
	Ant.1	Back Side 15mm	0.099	0.089	0.074	0.166	0.204	0.004	0.016	0.262	0.574	0.547
LTE B38	Ant.2	Front Side 15mm	0.131	0.076	0.075	0.075	0.050	0.010	0.013	0.282	0.345	0.341
	Ant.2	Back Side 15mm	0.120	0.089	0.074	0.166	0.204	0.004	0.016	0.283	0.595	0.568
LTE B41	Ant.1	Front Side 15mm	0.121	0.076	0.075	0.075	0.050	0.010	0.013	0.272	0.335	0.331
	Ant.1	Back Side 15mm	0.108	0.089	0.074	0.166	0.204	0.004	0.016	0.271	0.583	0.556
LTE B41	Ant.2	Front Side 15mm	0.148	0.076	0.075	0.075	0.050	0.010	0.013	0.299	0.362	0.358
	Ant.2	Back Side 15mm	0.108	0.089	0.074	0.166	0.204	0.004	0.016	0.271	0.583	0.556
5G N5	Ant.2	Front Side 15mm	0.189	0.076	0.075	0.075	0.050	0.010	0.013	0.340	0.403	0.399
	Ant.2	Back Side 15mm	0.178	0.089	0.074	0.166	0.204	0.004	0.016	0.341	0.653	0.626
5G N7	Ant.2	Front Side 15mm	0.158	0.076	0.075	0.075	0.050	0.010	0.013	0.309	0.372	0.368
	Ant.2	Back Side 15mm	0.145	0.089	0.074	0.166	0.204	0.004	0.016	0.308	0.620	0.593
5G N41	Ant.2	Front Side 15mm	0.140	0.076	0.075	0.075	0.050	0.010	0.013	0.291	0.354	0.350
	Ant.2	Back Side 15mm	0.161	0.089	0.074	0.166	0.204	0.004	0.016	0.324	0.636	0.609
5G N41	Ant.8	Front Side 15mm	0.179	0.076	0.075	0.075	0.050	0.010	0.013	0.330	0.393	0.389
	Ant.8	Back Side 15mm	0.187	0.089	0.074	0.166	0.204	0.004	0.016	0.350	0.662	0.635
5G N77	Ant.8	Front Side 15mm	0.137	0.076	0.075	0.075	0.050	0.010	0.013	0.288	0.351	0.347
	Ant.8	Back Side 15mm	0.168	0.089	0.074	0.166	0.204	0.004	0.016	0.331	0.643	0.616
5G N78	Ant.8	Front Side 15mm	0.074	0.076	0.075	0.075	0.050	0.010	0.013	0.225	0.288	0.284
	Ant.8	Back Side 15mm	0.089	0.089	0.074	0.166	0.204	0.004	0.016	0.252	0.564	0.537

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.795 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.7 Hotspot Simultaneous Transmission SAR Evaluation for EN-DC with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR								SUM SAR		
			1	2	3	4	5	6	7	8			
			WWAN	N78 （ANT8）	2.4GWIFI （ANT3）	2.4GWIFI （ANT6）	Max.5GWIFI （ANT6）	Max.5GWIFI （ANT7）	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2+3+4）	Sum SAR （1+2+3+5+6+8）	Sum SAR （1+2+4+5+6+7）
LTE B5	Ant.2	Front Side 10mm	0.404	0.163	0.150	0.119	0.120	0.094	0.004	0.007	0.836	0.938	0.904
	Ant.2	Back Side 10mm	0.343	0.179	0.145	0.159	0.230	0.290	0.006	0.009	0.826	1.196	1.207
	Ant.2	Left Edge 10mm	0.712	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.835	0.918	1.034
	Ant.2	Right Edge 10mm	0.000	0.110	0.349	0.000	0.000	0.000	0.009	0.000	0.459	0.459	0.119
	Ant.2	Top Edge 10mm	0.000	0.540	0.000	0.355	0.378	0.000	0.000	0.012	0.895	0.930	1.273
	Ant.2	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
LTE B5	Ant.1	Front Side 10mm	0.358	0.163	0.150	0.119	0.120	0.094	0.004	0.007	0.790	0.892	0.858
	Ant.1	Back Side 10mm	0.427	0.179	0.145	0.159	0.230	0.290	0.006	0.009	0.910	1.280	1.291
	Ant.1	Left Edge 10mm	0.172	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.295	0.378	0.494
	Ant.1	Right Edge 10mm	0.043	0.110	0.349	0.000	0.000	0.000	0.009	0.000	0.502	0.502	0.162
	Ant.1	Top Edge 10mm	0.000	0.540	0.000	0.355	0.378	0.000	0.000	0.012	0.895	0.930	1.273

	Ant.1	Bottom Edge 10mm	0.318	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.318	0.318	0.318
LTE B7	Ant.2	Front Side 10mm	0.246	0.163	0.150	0.119	0.120	0.094	0.004	0.007	0.678	0.780	0.746
	Ant.2	Back Side 10mm	0.243	0.179	0.145	0.159	0.230	0.290	0.006	0.009	0.726	1.096	1.107
	Ant.2	Left Edge 10mm	0.591	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.714	0.797	0.913
	Ant.2	Right Edge 10mm	0.000	0.110	0.349	0.000	0.000	0.000	0.009	0.000	0.459	0.459	0.119
	Ant.2	Top Edge 10mm	0.000	0.540	0.000	0.355	0.378	0.000	0.000	0.012	0.895	0.930	1.273
	Ant.2	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
LTE B7	Ant.4	Front Side 10mm	0.190	0.163	0.150	0.119	0.120	0.094	0.004	0.007	0.622	0.724	0.690
	Ant.4	Back Side 10mm	0.199	0.179	0.145	0.159	0.230	0.290	0.006	0.009	0.682	1.052	1.063
	Ant.4	Left Edge 10mm	0.000	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.459	0.110	0.349	0.000	0.000	0.000	0.009	0.000	0.918	0.918	0.578
	Ant.4	Top Edge 10mm	0.030	0.540	0.000	0.355	0.378	0.000	0.000	0.012	0.925	0.960	1.303
	Ant.4	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
LTE B38	Ant.2	Front Side 10mm	0.198	0.163	0.150	0.119	0.120	0.094	0.004	0.007	0.630	0.732	0.698
	Ant.2	Back Side 10mm	0.208	0.179	0.145	0.159	0.230	0.290	0.006	0.009	0.691	1.061	1.072
	Ant.2	Left Edge 10mm	0.353	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.476	0.559	0.675
	Ant.2	Right Edge 10mm	0.000	0.110	0.349	0.000	0.000	0.000	0.009	0.000	0.459	0.459	0.119
	Ant.2	Top Edge 10mm	0.000	0.540	0.000	0.355	0.378	0.000	0.000	0.012	0.895	0.930	1.273
	Ant.2	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
LTE B38	Ant.4	Front Side 10mm	0.171	0.163	0.150	0.119	0.120	0.094	0.004	0.007	0.603	0.705	0.671
	Ant.4	Back Side 10mm	0.199	0.179	0.145	0.159	0.230	0.290	0.006	0.009	0.682	1.052	1.063
	Ant.4	Left Edge 10mm	0.000	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.515	0.110	0.349	0.000	0.000	0.000	0.009	0.000	0.974	0.974	0.634
	Ant.4	Top Edge 10mm	0.038	0.540	0.000	0.355	0.378	0.000	0.000	0.012	0.933	0.968	**1.311**
	Ant.4	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

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.311 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.8 Hotspot Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR							SUM SAR		
			1	2	3	4	5	6	7			
			WWAN	2.4GWIFI ANT3	2.4GWIFI ANT6	MAX.5G WIFI ANT6	MAX.5G WIFI ANT7	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2+3）	Sum SAR （1+2+4+5+7）	Sum SAR （1+3+4+5+6）
GSM850	Ant.2	Front Side 10mm	0.447	0.150	0.119	0.120	0.094	0.004	0.007	0.716	0.818	0.784
	Ant.2	Back Side 10mm	0.385	0.145	0.159	0.230	0.290	0.006	0.009	0.689	1.059	1.070
	Ant.2	Left Edge 10mm	0.359	0.000	0.123	0.066	0.133	0.000	0.007	0.482	0.565	0.681
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GSM850	Ant.1	Front Side 10mm	0.440	0.150	0.119	0.120	0.094	0.004	0.007	0.709	0.811	0.777

	Ant.1	Back Side 10mm	0.477	0.145	0.159	0.230	0.290	0.006	0.009	0.781	1.151	1.162
	Ant.1	Left Edge 10mm	0.243	0.000	0.123	0.066	0.133	0.000	0.007	0.366	0.449	0.565
	Ant.1	Right Edge 10mm	0.094	0.349	0.000	0.000	0.000	0.009	0.000	0.443	0.443	0.103
	Ant.1	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.1	Bottom Edge 10mm	0.382	0.000	0.000	0.000	0.000	0.000	0.000	0.382	0.382	0.382
GSM 1900	Ant.2	Front Side 10mm	0.140	0.150	0.119	0.120	0.094	0.004	0.007	0.409	0.511	0.477
	Ant.2	Back Side 10mm	0.137	0.145	0.159	0.230	0.290	0.006	0.009	0.441	0.811	0.822
	Ant.2	Left Edge 10mm	0.310	0.000	0.123	0.066	0.133	0.000	0.007	0.433	0.516	0.632
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GSM 1900	Ant.4	Front Side 10mm	0.331	0.150	0.119	0.120	0.094	0.004	0.007	0.600	0.702	0.668
	Ant.4	Back Side 10mm	0.314	0.145	0.159	0.230	0.290	0.006	0.009	0.618	0.988	0.999
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.545	0.349	0.000	0.000	0.000	0.009	0.000	0.894	0.894	0.554
	Ant.4	Top Edge 10mm	0.300	0.000	0.355	0.378	0.000	0.000	0.012	0.655	0.690	1.033
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WCDMA B2	Ant.2	Front Side 10mm	0.254	0.150	0.119	0.120	0.094	0.004	0.007	0.523	0.625	0.591
	Ant.2	Back Side 10mm	0.332	0.145	0.159	0.230	0.290	0.006	0.009	0.636	1.006	1.017
	Ant.2	Left Edge 10mm	0.348	0.000	0.123	0.066	0.133	0.000	0.007	0.471	0.554	0.670
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WCDMA B2	Ant.4	Front Side 10mm	0.577	0.150	0.119	0.120	0.094	0.004	0.007	0.846	0.948	0.914
	Ant.4	Back Side 10mm	0.544	0.145	0.159	0.230	0.290	0.006	0.009	0.848	1.218	1.229
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.859	0.349	0.000	0.000	0.000	0.009	0.000	1.208	1.208	0.868
	Ant.4	Top Edge 10mm	0.446	0.000	0.355	0.378	0.000	0.000	0.012	0.801	0.836	1.179
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WCDMA B4	Ant.2	Front Side 10mm	0.382	0.150	0.119	0.120	0.094	0.004	0.007	0.651	0.753	0.719
	Ant.2	Back Side 10mm	0.410	0.145	0.159	0.230	0.290	0.006	0.009	0.714	1.084	1.095
	Ant.2	Left Edge 10mm	0.603	0.000	0.123	0.066	0.133	0.000	0.007	0.726	0.809	0.925
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WCDMA B4	Ant.4	Front Side 10mm	0.426	0.150	0.119	0.120	0.094	0.004	0.007	0.695	0.797	0.763
	Ant.4	Back Side 10mm	0.387	0.145	0.159	0.230	0.290	0.006	0.009	0.691	1.061	1.072
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.718	0.349	0.000	0.000	0.000	0.009	0.000	1.067	1.067	0.727
	Ant.4	Top Edge 10mm	0.348	0.000	0.355	0.378	0.000	0.000	0.012	0.703	0.738	1.081
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WCDMA B5	Ant.2	Front Side 10mm	0.453	0.150	0.119	0.120	0.094	0.004	0.007	0.722	0.824	0.790
	Ant.2	Back Side 10mm	0.417	0.145	0.159	0.230	0.290	0.006	0.009	0.721	1.091	1.102

	Ant.2	Left Edge 10mm	0.882	0.000	0.123	0.066	0.133	0.000	0.007	1.005	1.088	1.204
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WCDMA B5	Ant.1	Front Side 10mm	0.391	0.150	0.119	0.120	0.094	0.004	0.007	0.660	0.762	0.728
	Ant.1	Back Side 10mm	0.408	0.145	0.159	0.230	0.290	0.006	0.009	0.712	1.082	1.093
	Ant.1	Left Edge 10mm	0.207	0.000	0.123	0.066	0.133	0.000	0.007	0.330	0.413	0.529
	Ant.1	Right Edge 10mm	0.073	0.349	0.000	0.000	0.000	0.009	0.000	0.422	0.422	0.082
	Ant.1	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.1	Bottom Edge 10mm	0.366	0.000	0.000	0.000	0.000	0.000	0.000	0.366	0.366	0.366
CDMA BC0	Ant.2	Front Side 10mm	0.360	0.150	0.119	0.120	0.094	0.004	0.007	0.629	0.731	0.697
	Ant.2	Back Side 10mm	0.346	0.145	0.159	0.230	0.290	0.006	0.009	0.650	1.020	1.031
	Ant.2	Left Edge 10mm	0.692	0.000	0.123	0.066	0.133	0.000	0.007	0.815	0.898	1.014
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CDMA BC0	Ant.1	Front Side 10mm	0.387	0.150	0.119	0.120	0.094	0.004	0.007	0.656	0.758	0.724
	Ant.1	Back Side 10mm	0.407	0.145	0.159	0.230	0.290	0.006	0.009	0.711	1.081	1.092
	Ant.1	Left Edge 10mm	0.197	0.000	0.123	0.066	0.133	0.000	0.007	0.320	0.403	0.519
	Ant.1	Right Edge 10mm	0.084	0.349	0.000	0.000	0.000	0.009	0.000	0.433	0.433	0.093
	Ant.1	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.1	Bottom Edge 10mm	0.343	0.000	0.000	0.000	0.000	0.000	0.000	0.343	0.343	0.343
LTE B2	Ant.2	Front Side 10mm	0.243	0.150	0.119	0.120	0.094	0.004	0.007	0.512	0.614	0.580
	Ant.2	Back Side 10mm	0.251	0.145	0.159	0.230	0.290	0.006	0.009	0.555	0.925	0.936
	Ant.2	Left Edge 10mm	0.400	0.000	0.123	0.066	0.133	0.000	0.007	0.523	0.606	0.722
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B2	Ant.4	Front Side 10mm	0.456	0.150	0.119	0.120	0.094	0.004	0.007	0.725	0.827	0.793
	Ant.4	Back Side 10mm	0.429	0.145	0.159	0.230	0.290	0.006	0.009	0.733	1.103	1.114
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.526	0.349	0.000	0.000	0.000	0.009	0.000	0.875	0.875	0.535
	Ant.4	Top Edge 10mm	0.109	0.000	0.355	0.378	0.000	0.000	0.012	0.464	0.499	0.842
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B4	Ant.2	Front Side 10mm	0.434	0.150	0.119	0.120	0.094	0.004	0.007	0.703	0.805	0.771
	Ant.2	Back Side 10mm	0.419	0.145	0.159	0.230	0.290	0.006	0.009	0.723	1.093	1.104
	Ant.2	Left Edge 10mm	0.645	0.000	0.123	0.066	0.133	0.000	0.007	0.768	0.851	0.967
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B4	Ant.4	Front Side 10mm	0.418	0.150	0.119	0.120	0.094	0.004	0.007	0.687	0.789	0.755
	Ant.4	Back Side 10mm	0.402	0.145	0.159	0.230	0.290	0.006	0.009	0.706	1.076	1.087
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322

	Ant.4	Right Edge 10mm	0.470	0.349	0.000	0.000	0.000	0.009	0.000	0.819	0.819	0.479
	Ant.4	Top Edge 10mm	0.097	0.000	0.355	0.378	0.000	0.000	0.012	0.452	0.487	0.830
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B5	Ant.2	Front Side 10mm	0.404	0.150	0.119	0.120	0.094	0.004	0.007	0.673	0.775	0.741
	Ant.2	Back Side 10mm	0.343	0.145	0.159	0.230	0.290	0.006	0.009	0.647	1.017	1.028
	Ant.2	Left Edge 10mm	0.712	0.000	0.123	0.066	0.133	0.000	0.007	0.835	0.918	1.034
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B5	Ant.1	Front Side 10mm	0.358	0.150	0.119	0.120	0.094	0.004	0.007	0.627	0.729	0.695
	Ant.1	Back Side 10mm	0.427	0.145	0.159	0.230	0.290	0.006	0.009	0.731	1.101	1.112
	Ant.1	Left Edge 10mm	0.172	0.000	0.123	0.066	0.133	0.000	0.007	0.295	0.378	0.494
	Ant.1	Right Edge 10mm	0.043	0.349	0.000	0.000	0.000	0.009	0.000	0.392	0.392	0.052
	Ant.1	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.1	Bottom Edge 10mm	0.318	0.000	0.000	0.000	0.000	0.000	0.000	0.318	0.318	0.318
LTE B7	Ant.2	Front Side 10mm	0.322	0.150	0.119	0.120	0.094	0.004	0.007	0.591	0.693	0.659
	Ant.2	Back Side 10mm	0.309	0.145	0.159	0.230	0.290	0.006	0.009	0.613	0.983	0.994
	Ant.2	Left Edge 10mm	0.761	0.000	0.123	0.066	0.133	0.000	0.007	0.884	0.967	1.083
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B7	Ant.4	Front Side 10mm	0.293	0.150	0.119	0.120	0.094	0.004	0.007	0.562	0.664	0.630
	Ant.4	Back Side 10mm	0.313	0.145	0.159	0.230	0.290	0.006	0.009	0.617	0.987	0.998
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.719	0.349	0.000	0.000	0.000	0.009	0.000	1.068	1.068	0.728
	Ant.4	Top Edge 10mm	0.046	0.000	0.355	0.378	0.000	0.000	0.012	0.401	0.436	0.779
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B12	Ant.2	Front Side 10mm	0.177	0.150	0.119	0.120	0.094	0.004	0.007	0.446	0.548	0.514
	Ant.2	Back Side 10mm	0.158	0.145	0.159	0.230	0.290	0.006	0.009	0.462	0.832	0.843
	Ant.2	Left Edge 10mm	0.419	0.000	0.123	0.066	0.133	0.000	0.007	0.542	0.625	0.741
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B12	Ant.1	Front Side 10mm	0.342	0.150	0.119	0.120	0.094	0.004	0.007	0.611	0.713	0.679
	Ant.1	Back Side 10mm	0.348	0.145	0.159	0.230	0.290	0.006	0.009	0.652	1.022	1.033
	Ant.1	Left Edge 10mm	0.173	0.000	0.123	0.066	0.133	0.000	0.007	0.296	0.379	0.495
	Ant.1	Right Edge 10mm	0.068	0.349	0.000	0.000	0.000	0.009	0.000	0.417	0.417	0.077
	Ant.1	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.1	Bottom Edge 10mm	0.282	0.000	0.000	0.000	0.000	0.000	0.000	0.282	0.282	0.282
LTE B17	Ant.2	Front Side 10mm	0.172	0.150	0.119	0.120	0.094	0.004	0.007	0.441	0.543	0.509
	Ant.2	Back Side 10mm	0.160	0.145	0.159	0.230	0.290	0.006	0.009	0.464	0.834	0.845
	Ant.2	Left Edge 10mm	0.361	0.000	0.123	0.066	0.133	0.000	0.007	0.484	0.567	0.683

	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B17	Ant.1	Front Side 10mm	0.352	0.150	0.119	0.120	0.094	0.004	0.007	0.621	0.723	0.689
	Ant.1	Back Side 10mm	0.364	0.145	0.159	0.230	0.290	0.006	0.009	0.668	1.038	1.049
	Ant.1	Left Edge 10mm	0.188	0.000	0.123	0.066	0.133	0.000	0.007	0.311	0.394	0.510
	Ant.1	Right Edge 10mm	0.081	0.349	0.000	0.000	0.000	0.009	0.000	0.430	0.430	0.090
	Ant.1	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.1	Bottom Edge 10mm	0.270	0.000	0.000	0.000	0.000	0.000	0.000	0.270	0.270	0.270
LTE B26	Ant.2	Front Side 10mm	0.336	0.150	0.119	0.120	0.094	0.004	0.007	0.605	0.707	0.673
	Ant.2	Back Side 10mm	0.311	0.145	0.159	0.230	0.290	0.006	0.009	0.615	0.985	0.996
	Ant.2	Left Edge 10mm	0.746	0.000	0.123	0.066	0.133	0.000	0.007	0.869	0.952	1.068
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B26	Ant.1	Front Side 10mm	0.272	0.150	0.119	0.120	0.094	0.004	0.007	0.541	0.643	0.609
	Ant.1	Back Side 10mm	0.287	0.145	0.159	0.230	0.290	0.006	0.009	0.591	0.961	0.972
	Ant.1	Left Edge 10mm	0.155	0.000	0.123	0.066	0.133	0.000	0.007	0.278	0.361	0.477
	Ant.1	Right Edge 10mm	0.075	0.349	0.000	0.000	0.000	0.009	0.000	0.424	0.424	0.084
	Ant.1	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.1	Bottom Edge 10mm	0.275	0.000	0.000	0.000	0.000	0.000	0.000	0.275	0.275	0.275
LTE B38	Ant.2	Front Side 10mm	0.198	0.150	0.119	0.120	0.094	0.004	0.007	0.467	0.569	0.535
	Ant.2	Back Side 10mm	0.208	0.145	0.159	0.230	0.290	0.006	0.009	0.512	0.882	0.893
	Ant.2	Left Edge 10mm	0.353	0.000	0.123	0.066	0.133	0.000	0.007	0.476	0.559	0.675
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B38	Ant.4	Front Side 10mm	0.231	0.150	0.119	0.120	0.094	0.004	0.007	0.500	0.602	0.568
	Ant.4	Back Side 10mm	0.273	0.145	0.159	0.230	0.290	0.006	0.009	0.577	0.947	0.958
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.4	Right Edge 10mm	0.703	0.349	0.000	0.000	0.000	0.009	0.000	1.052	1.052	0.712
	Ant.4	Top Edge 10mm	0.052	0.000	0.355	0.378	0.000	0.000	0.012	0.407	0.442	0.785
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B41	Ant.2	Front Side 10mm	0.203	0.150	0.119	0.120	0.094	0.004	0.007	0.472	0.574	0.540
	Ant.2	Back Side 10mm	0.178	0.145	0.159	0.230	0.290	0.006	0.009	0.482	0.852	0.863
	Ant.2	Left Edge 10mm	0.417	0.000	0.123	0.066	0.133	0.000	0.007	0.540	0.623	0.739
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE B41	Ant.4	Front Side 10mm	0.261	0.150	0.119	0.120	0.094	0.004	0.007	0.530	0.632	0.598
	Ant.4	Back Side 10mm	0.231	0.145	0.159	0.230	0.290	0.006	0.009	0.535	0.905	0.916
	Ant.4	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322

	Ant.4	Right Edge 10mm	0.791	0.349	0.000	0.000	0.000	0.009	0.000	1.140	1.140	0.800
	Ant.4	Top Edge 10mm	0.062	0.000	0.355	0.378	0.000	0.000	0.012	0.417	0.452	0.795
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5G N5	Ant.2	Front Side 10mm	0.353	0.150	0.119	0.120	0.094	0.004	0.007	0.622	0.724	0.690
	Ant.2	Back Side 10mm	0.332	0.145	0.159	0.230	0.290	0.006	0.009	0.636	1.006	1.017
	Ant.2	Left Edge 10mm	0.598	0.000	0.123	0.066	0.133	0.000	0.007	0.721	0.804	0.920
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5G N7	Ant.2	Front Side 10mm	0.385	0.150	0.119	0.120	0.094	0.004	0.007	0.654	0.756	0.722
	Ant.2	Back Side 10mm	0.364	0.145	0.159	0.230	0.290	0.006	0.009	0.668	1.038	1.049
	Ant.2	Left Edge 10mm	0.796	0.000	0.123	0.066	0.133	0.000	0.007	0.919	1.002	1.118
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5G N41	Ant.2	Front Side 10mm	0.614	0.150	0.119	0.120	0.094	0.004	0.007	0.883	0.985	0.951
	Ant.2	Back Side 10mm	0.480	0.145	0.159	0.230	0.290	0.006	0.009	0.784	1.154	1.165
	Ant.2	Left Edge 10mm	0.700	0.000	0.123	0.066	0.133	0.000	0.007	0.823	0.906	1.022
	Ant.2	Right Edge 10mm	0.000	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
	Ant.2	Top Edge 10mm	0.000	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	0.733
	Ant.2	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5G N41	Ant.8	Front Side 10mm	0.302	0.150	0.119	0.120	0.094	0.004	0.007	0.571	0.673	0.639
	Ant.8	Back Side 10mm	0.276	0.145	0.159	0.230	0.290	0.006	0.009	0.580	0.950	0.961
	Ant.8	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.8	Right Edge 10mm	0.123	0.349	0.000	0.000	0.000	0.009	0.000	0.472	0.472	0.132
	Ant.8	Top Edge 10mm	0.727	0.000	0.355	0.378	0.000	0.000	0.012	1.082	1.117	**1.460**
	Ant.8	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5G N77	Ant.8	Front Side 10mm	0.154	0.150	0.119	0.120	0.094	0.004	0.007	0.423	0.525	0.491
	Ant.8	Back Side 10mm	0.170	0.145	0.159	0.230	0.290	0.006	0.009	0.474	0.844	0.855
	Ant.8	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.8	Right Edge 10mm	0.189	0.349	0.000	0.000	0.000	0.009	0.000	0.538	0.538	0.198
	Ant.8	Top Edge 10mm	0.595	0.000	0.355	0.378	0.000	0.000	0.012	0.950	0.985	1.328
	Ant.8	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5G N78	Ant.8	Front Side 10mm	0.163	0.150	0.119	0.120	0.094	0.004	0.007	0.432	0.534	0.500
	Ant.8	Back Side 10mm	0.179	0.145	0.159	0.230	0.290	0.006	0.009	0.483	0.853	0.864
	Ant.8	Left Edge 10mm	0.000	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
	Ant.8	Right Edge 10mm	0.137	0.349	0.000	0.000	0.000	0.009	0.000	0.486	0.486	0.146
	Ant.8	Top Edge 10mm	0.565	0.000	0.355	0.378	0.000	0.000	0.012	0.920	0.955	1.298
	Ant.8	Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.46 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.9 Hotspot Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Position	Stand alone SAR						SUM SAR		
	1	2	3	4	5	6			
	2.4GWIFI ANT3	2.4GWIFI ANT6	MAX.5G WIFI ANT6	MAX.5G WIFI ANT7	Bluetooth ANT3	Bluetooth ANT6	Sum SAR （1+2）	Sum SAR （1+3+4+6）	Sum SAR （2+3+4+5）
Front Side 10mm	0.150	0.119	0.120	0.094	0.004	0.007	0.269	0.371	0.337
Back Side 10mm	0.145	0.159	0.230	0.290	0.006	0.009	0.304	0.674	0.685
Left Edge 10mm	0.000	0.123	0.066	0.133	0.000	0.007	0.123	0.206	0.322
Right Edge 10mm	0.349	0.000	0.000	0.000	0.009	0.000	0.349	0.349	0.009
Top Edge 10mm	0.000	0.355	0.378	0.000	0.000	0.012	0.355	0.390	**0.733**
Bottom Edge 10mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.733 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.10 Specific Simultaneous Transmission SAR Evaluation for WWAN Antenna with WLAN and Bluetooth

Band	Antenna	Position	Stand alone SAR			SUM SAR
			1	2	3	
			WWAN	MAX.5G WIFI ANT6	MAX.5G WIFI ANT7	Sum SAR （1+2+3）
LTE B7	Ant.4	Front Side 10mm	1.001	0.497	0.179	1.677
	Ant.4	Back Side 10mm	0.878	0.242	0.798	1.918
	Ant.4	Left Edge 10mm	0.000	0.265	0.389	0.654
	Ant.4	Right Edge 10mm	1.460	0.000	0.000	1.460
	Ant.4	Top Edge 10mm	0.127	1.659	0.000	1.786
	Ant.4	Bottom Edge 10mm	0.000	0.000	0.000	0.000
5G N41	Ant.8	Front Side 10mm	0.536	0.497	0.179	1.212
	Ant.8	Back Side 10mm	0.513	0.242	0.798	1.553
	Ant.8	Left Edge 10mm	0.000	0.265	0.389	0.654
	Ant.8	Right Edge 10mm	0.151	0.000	0.000	0.151
	Ant.8	Top Edge 10mm	1.126	1.659	0.000	**2.785**
	Ant.8	Bottom Edge 10mm	0.000	0.000	0.000	0.000

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 2.785 W/Kg < 4.0 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	DASY5	52.8.8.1222	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1201	2020/11/11	2023/11/10
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2021/05/17	2024/05/16
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2021/05/17	2024/05/16
1900MHz Validation Dipole	Speag	D1900V2	SN: 5d193	2021/05/20	2024/05/19
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2021/05/19	2024/05/18
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2021/05/19	2024/05/18
3500MHz Validation Dipole	Speag	D3500V2	SN: 1115	2020/11/11	2023/11/10
3700MHz Validation Dipole	Speag	D3700V2	SN: 1086	2020/11/12	2023/11/11
3900MHz Validation Dipole	Speag	D3900V2	SN: 1059	2020/11/13	2023/11/12
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2021/05/18	2024/05/17
E-Field Probe	Speag	EX3DV4	SN: 7607	2021/08/12	2022/08/11
Data Acquisition Electronics	Speag	DAE4	SN: 1454	2021/11/05	2022/11/04
Signal Generator	R&S	SMB100A	177746	2021/08/24	2022/08/23
Power Meter	R&S	NRVD-B2	7250BJ-0112/2011	2021/09/08	2022/09/07
Power Sensor	R&S	NRV-Z4	100381	2021/09/08	2022/09/07
Power Sensor	R&S	NRV-Z2	100211	2021/09/08	2022/09/07
Wireless Communication Test Set	Anritsu	MT8820C	6201502974	2021/03/16	2022/03/15
Wireless Communication Test Set	Anritsu	MT8820C	6201502991	2021/03/16	2022/03/15
Network Analyzer	Agilent	E5071B	MY42404001	2021/04/01	2022/03/31
Thermometer	Elitech	RC-4HC	EF720B004820	2021/12/01	2022/11/30
Power Amplifier	SATIMO	6552B	22374	N/A	N/A
Dielectric Probe Kit	SATIMO	SCLMP	SN 25/13 OCPG56	N/A	N/A
Phantom1	Speag	SAM	SN: 1859	N/A	N/A
Phantom2	Speag	SAM	SN: 1857	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 an SCLMP Dielectric Probe Kit.

Head Liquid

Date	Liquid Type	Fre. (MHz)	Temp. (℃)	Meas. Conductivity (σ) (S/m)	Meas. Permittivity (ε)	Target Conductivity (σ) (S/m)	Target Permittivity (ε)	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2021.12.28	Head	750	21.6	0.88	41.36	0.89	41.94	-1.12	-1.38
2021.12.29	Head	750	21.5	0.92	41.55	0.89	41.94	3.37	-0.93
2021.12.30	Head	835	21.3	0.92	41.79	0.90	41.50	2.22	0.70
2021.12.31	Head	835	21.9	0.92	41.68	0.90	41.50	2.22	0.43
2022.01.04	Head	835	21.8	0.93	40.59	0.90	41.50	3.33	-2.19
2022.01.05	Head	835	21.8	0.94	40.03	0.90	41.50	4.44	-3.54
2021.12.27	Head	835	21.4	0.89	41.67	0.90	41.50	-1.11	0.41
2022.01.06	Head	1750	22.6	1.35	40.42	1.37	40.08	-1.46	0.85
2022.01.07	Head	1750	21.4	1.36	39.46	1.37	40.08	-0.73	-1.55
2022.01.10	Head	1900	21.5	1.37	40.54	1.40	40.00	-2.14	1.35
2022.01.11	Head	1900	21.7	1.38	39.85	1.40	40.00	-1.43	-0.37
2022.01.12	Head	2450	21.9	1.75	40.28	1.80	39.20	-2.78	2.76
2022.01.13	Head	2600	21.7	1.93	39.82	1.96	39.01	-1.53	2.08
2022.01.14	Head	2600	21.3	1.94	39.30	1.96	39.01	-1.02	0.74
2022.01.17	Head	2600	21.6	1.95	38.75	1.96	39.01	-0.51	-0.67
2022.01.18	Head	2600	21.7	1.98	38.29	1.96	39.01	1.02	-1.85
2022.01.22	Head	2600	21.4	2.01	39.63	1.96	39.01	2.55	1.59
2022.01.23	Head	2600	21.7	1.93	38.99	1.96	39.01	-1.53	-0.05
2022.01.24	Head	2600	21.7	1.96	39.22	1.96	39.01	0.00	0.54
2022.01.25	Head	2600	21.5	1.90	38.84	1.96	39.01	-3.06	-0.44
2022.01.26	Head	2600	21.7	1.98	37.99	1.96	39.01	1.02	-2.61
2022.01.27	Head	3500	21.6	2.88	38.19	2.91	37.93	-1.03	0.69
2022.01.28	Head	3500	21.6	2.98	38.53	2.91	37.93	2.41	1.58
2022.01.29	Head	3500	21.1	2.90	38.84	2.91	37.93	-0.34	2.40
2022.01.30	Head	3500	21.9	2.91	37.40	2.91	37.93	0.00	-1.40
2022.01.27	Head	3700	21.6	3.11	37.43	3.12	37.70	-0.32	-0.72
2022.01.28	Head	3700	21.6	3.20	37.80	3.12	37.70	2.56	0.27
2022.01.29	Head	3700	21.1	3.12	37.94	3.12	37.70	0.00	0.64
2022.01.30	Head	3700	21.9	3.13	36.66	3.12	37.70	0.32	-2.76
2022.01.27	Head	3900	21.6	3.34	36.06	3.32	37.47	0.60	-3.76
2022.01.28	Head	3900	21.6	3.45	36.42	3.32	37.47	3.92	-2.80
2022.01.19	Head	5250	21.2	4.71	35.76	4.66	35.99	1.07	-0.64
2022.01.20	Head	5600	21.4	5.07	35.21	5.07	35.53	0.00	-0.90

2022.01.21	Head	5750	21.6	5.30	35.51	5.27	35.30	0.57	0.59
Note: The tolerance limit of Conductivity and Permittivity is± 5%.									

ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within itsspecification 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 (%)
2021.12.28	Head	750	100	0.828	8.28	8.29	-0.12
2021.12.29	Head	750	100	0.841	8.41	8.29	1.45
2021.12.30	Head	835	100	0.996	9.96	9.49	4.95
2021.12.31	Head	835	100	0.993	9.93	9.49	4.64
2022.01.04	Head	835	100	0.972	9.72	9.49	2.42
2022.01.05	Head	835	100	0.939	9.39	9.49	-1.05
2021.12.27	Head	835	100	0.930	9.30	9.49	-2.00
2022.01.06	Head	1750	100	3.790	37.90	36.80	2.99
2022.01.07	Head	1750	100	3.740	37.40	36.80	1.63
2022.01.10	Head	1900	100	4.170	41.70	39.40	5.84
2022.01.11	Head	1900	100	4.100	41.00	39.40	4.06
2022.01.12	Head	2450	100	5.500	55.00	52.60	4.56
2022.01.13	Head	2600	100	5.780	57.80	56.30	2.66
2022.01.14	Head	2600	100	5.720	57.20	56.30	1.60
2022.01.17	Head	2600	100	5.600	56.00	56.30	-0.53
2022.01.18	Head	2600	100	5.820	58.20	56.30	3.37
2022.01.22	Head	2600	100	5.750	57.50	56.30	2.13
2022.01.23	Head	2600	100	5.760	57.60	56.30	2.31
2022.01.24	Head	2600	100	5.730	57.30	56.30	1.78
2022.01.25	Head	2600	100	5.550	55.50	56.30	-1.42
2022.01.26	Head	2600	100	5.820	58.20	56.30	3.37
2022.01.27	Head	3500	100	6.850	68.50	67.60	1.33
2022.01.28	Head	3500	100	6.880	68.80	67.60	1.78
2022.01.29	Head	3500	100	6.500	65.00	67.60	-3.85
2022.01.30	Head	3500	100	6.700	67.00	67.60	-0.89
2022.01.27	Head	3700	100	6.680	66.80	68.10	-1.91
2022.01.28	Head	3700	100	6.850	68.50	68.10	0.59
2022.01.29	Head	3700	100	6.840	68.40	68.10	0.44
2022.01.30	Head	3700	100	6.590	65.90	68.10	-3.23
2022.01.27	Head	3900	100	7.110	71.10	69.30	2.60
2022.01.28	Head	3900	100	6.930	69.30	69.30	0.00
2022.01.19	Head	5250	100	7.600	76.00	73.90	2.84
2022.01.20	Head	5600	100	8.110	81.10	80.30	1.00
2022.01.21	Head	5750	100	7.470	74.70	76.90	-2.86
Note: The tolerance limit of System validation ±10%.							

Head liquid 10g

Date	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2022.01.13	2600	100	2.510	25.10	24.80	1.21
2022.01.14	2600	100	2.560	25.60	24.80	3.23
2022.01.17	2600	100	2.580	25.80	24.80	4.03
2022.01.18	2600	100	2.430	24.30	24.80	-2.02
2022.01.22	2600	100	2.400	24.00	24.80	-3.23
2022.01.23	2600	100	2.330	23.30	24.80	-6.05
2022.01.24	2600	100	2.350	23.50	24.80	-5.24
2022.01.25	2600	100	2.380	23.80	24.80	-4.03
2022.01.26	2600	100	2.360	23.60	24.80	-4.84
2022.01.19	5250	100	2.300	23.00	22.10	4.07
2022.01.20	5600	100	2.200	22.00	23.10	-4.76
Note: The tolerance limit of System validation ±10%.						

System Performance Check Data (750MHz Head)

Date: 2021.12.28

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 750 MHz; σ = 0.884 S/m; ε_r = 41.359; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.879W/kg

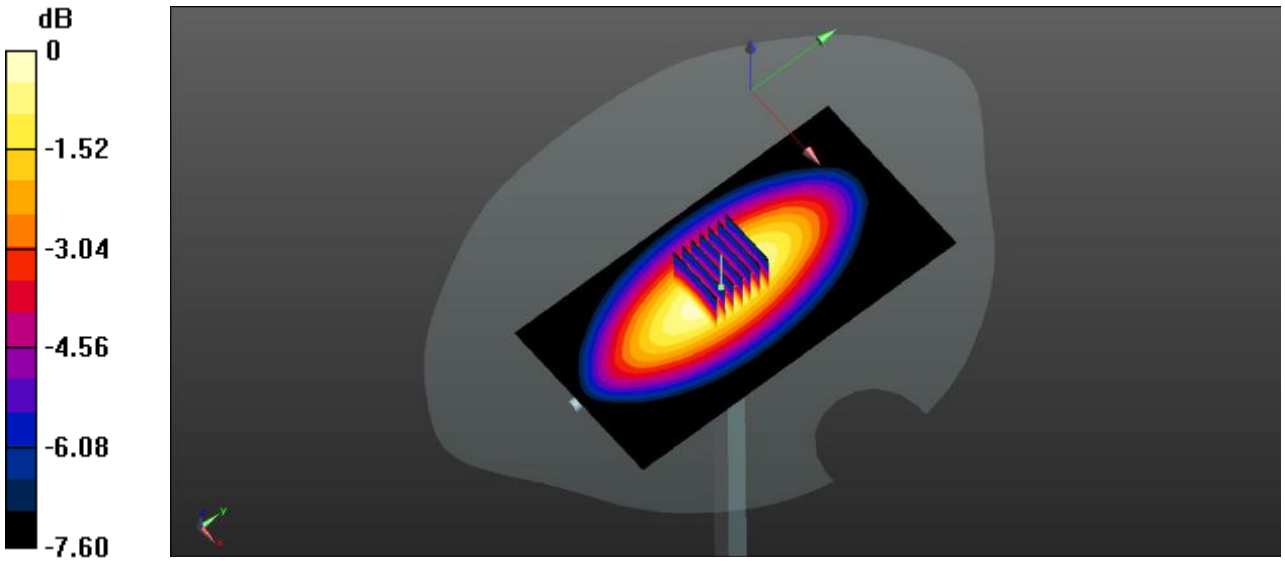
CW 750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.14 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.515 W/kg

Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933 W/kg

System Performance Check Data (750MHz Head)

Date: 2021.12.29

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated): f = 750 MHz; σ = 0.918 S/m; ε_r = 41.549; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750 100mW/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.867 W/kg

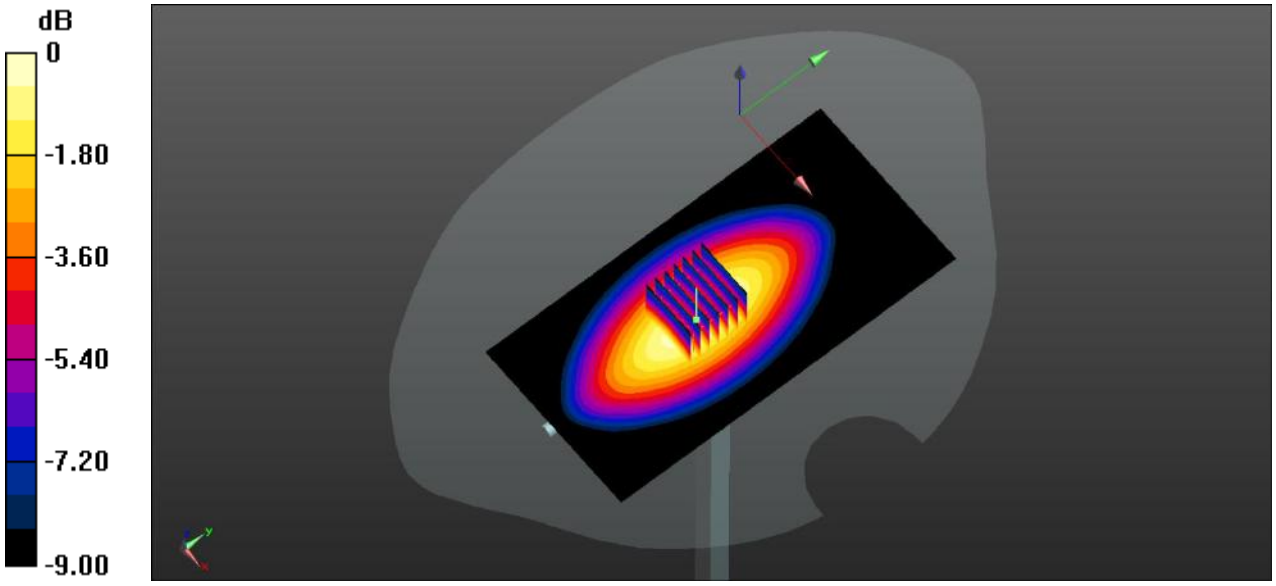
CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.32 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.915 W/kg

System Performance Check Data (835MHz Head)

Date: 2021.12.30

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.919 S/m; εr = 41.788; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.991 W/kg

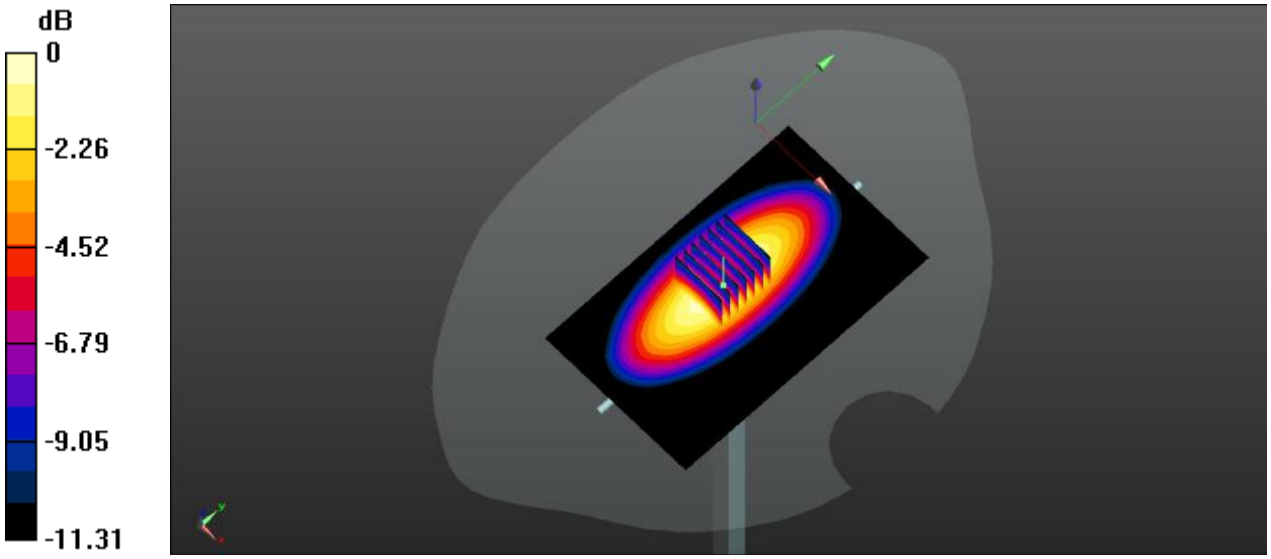
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.31 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.605 W/kg

Maximum value of SAR (measured) = 0.997 W/kg



0 dB = 0.997 W/kg

System Performance Check Data (835MHz Head)

Date: 2021.12.31

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.918 S/m; εr = 41.675; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.7 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

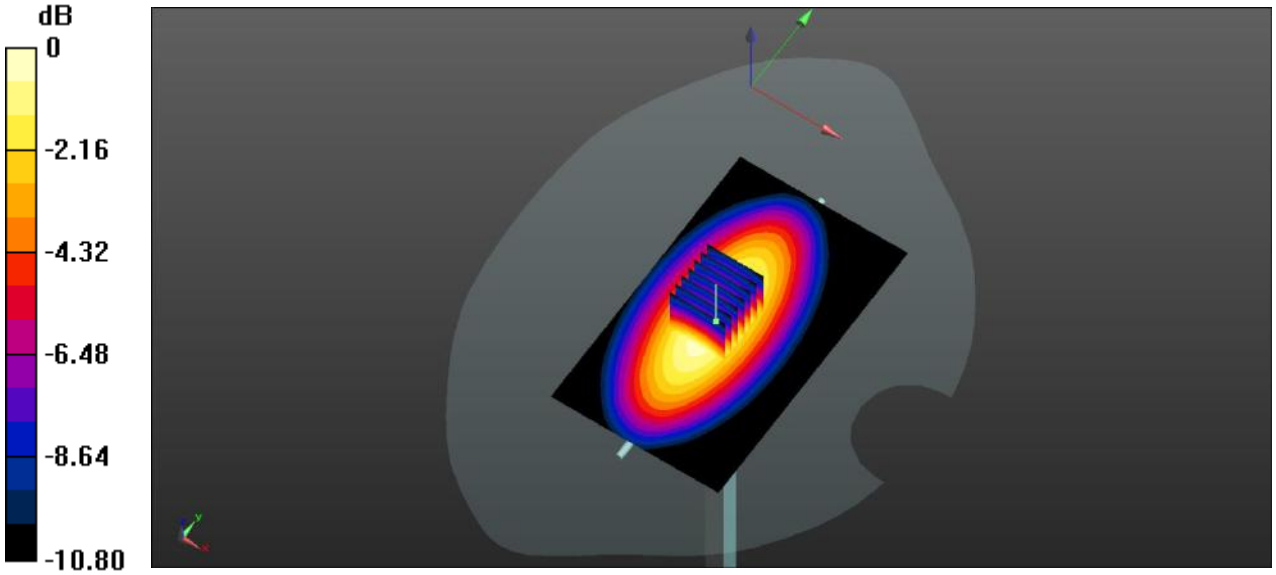
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.57 V/m; Power Drift = -0.12dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.649 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

System Performance Check Data (835MHz Head)

Date: 2022.01.04

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.928 S/m; ε_r = 40.59; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.982 W/kg

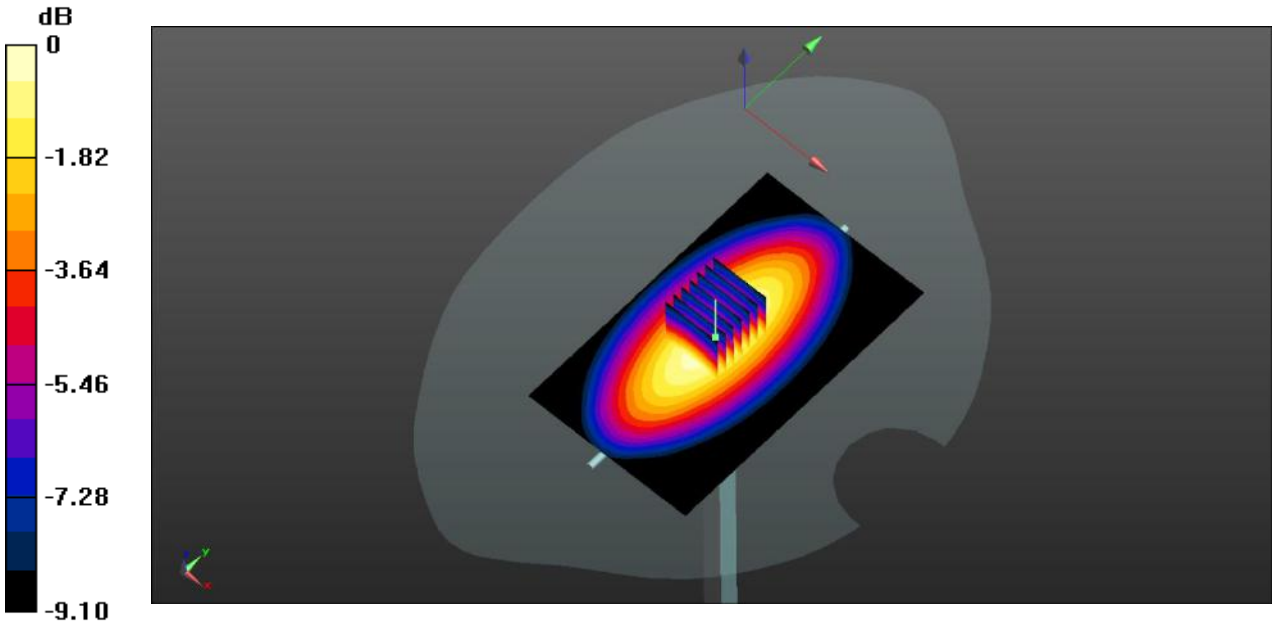
CW 835/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.56 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.605 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



0 dB = 0.992 W/kg

System Performance Check Data (835MHz Head)

Date: 2022.01.05

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.935 S/m; ε_r = 40.025; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW HEAD/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

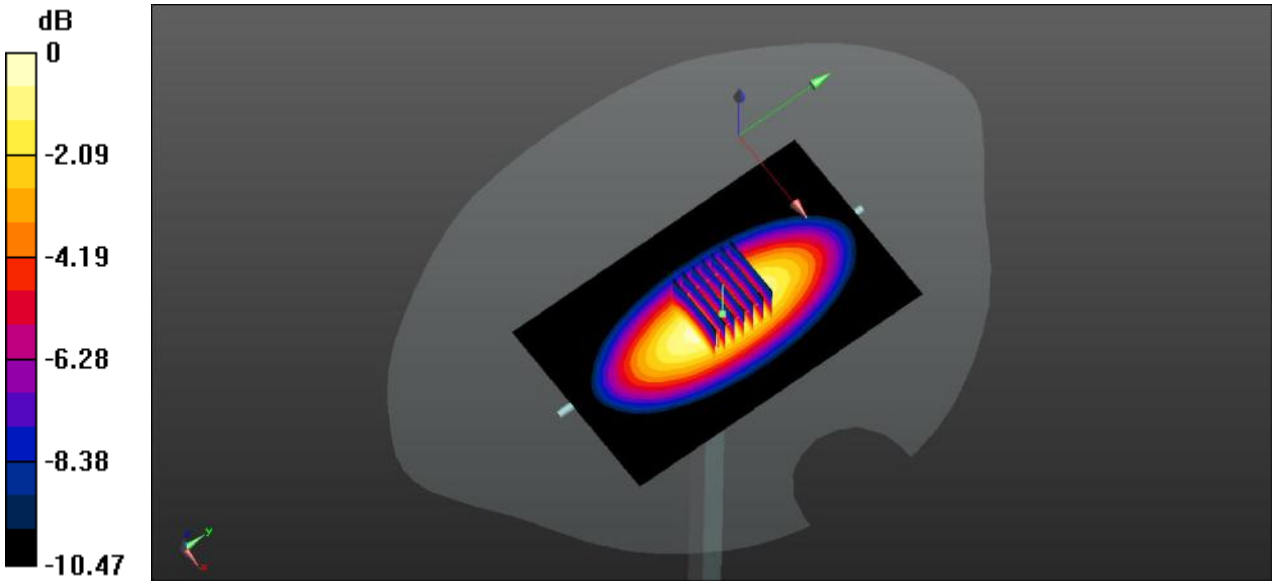
CW 835 100mW HEAD/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.68 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.525 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

System Performance Check Data (835MHz Head)

Date: 2021.12.27

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.887 S/m; ε_r = 41.665; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW HEAD/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

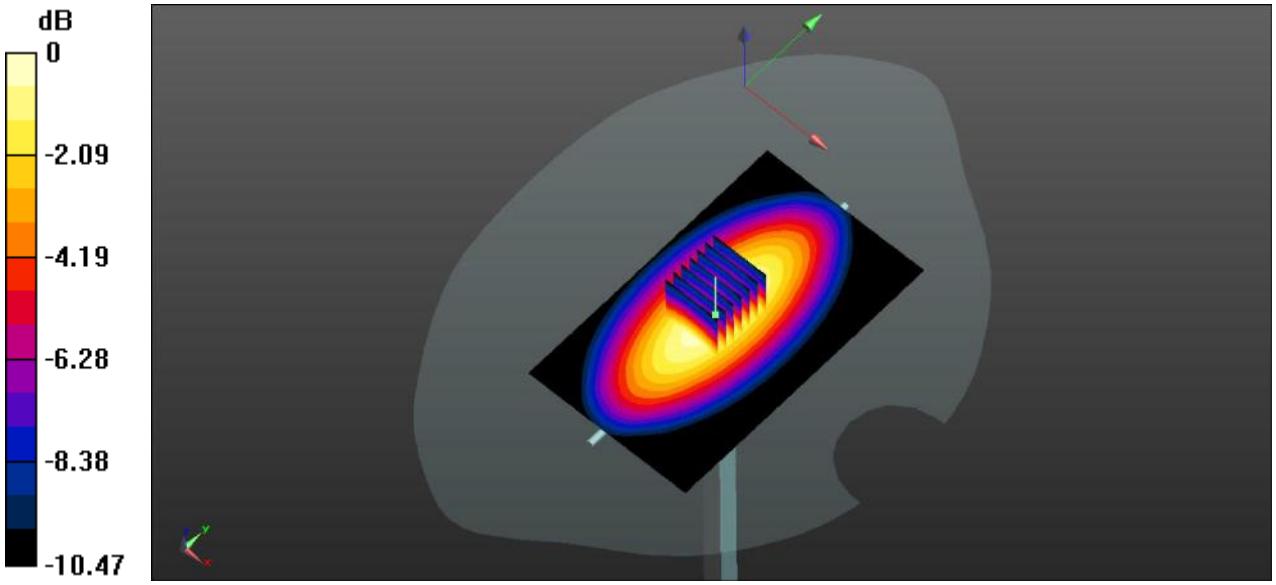
CW 835 100mW HEAD/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.28 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.597 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

System Performance Check Data (1750MHz Head)

Date: 2022.01.06

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1750 MHz; σ = 1.345 S/m; ε_r = 40.418; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:22.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.27 W/kg

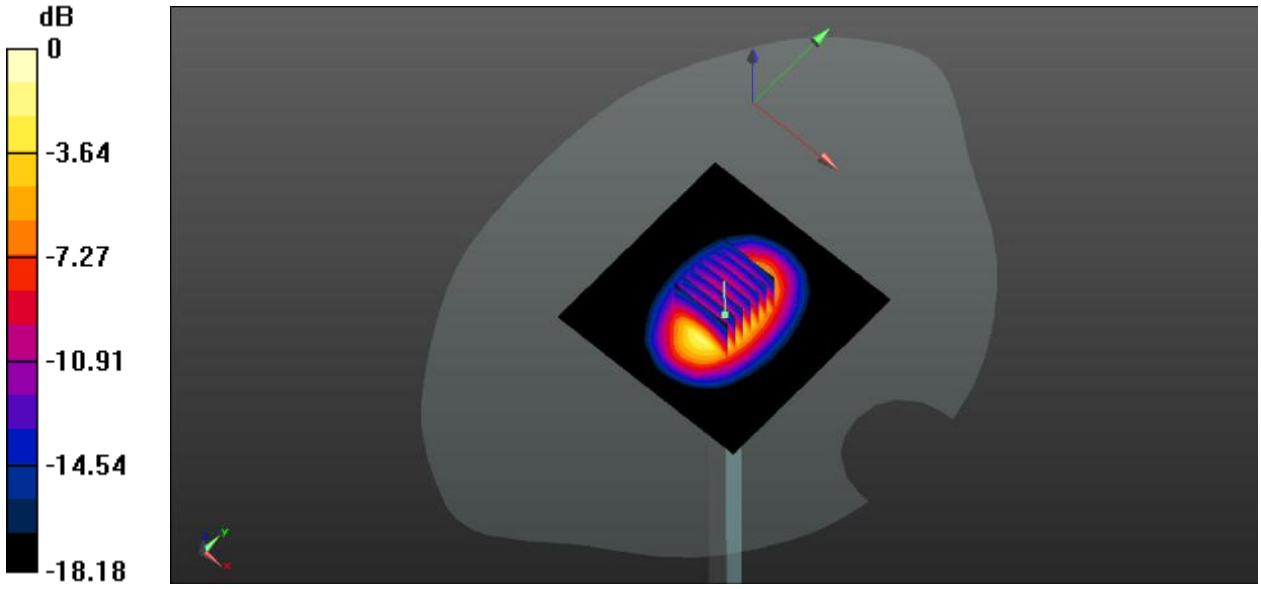
CW1750 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.38 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.03 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.86 W/kg

Maximum value of SAR (measured) = 4.23 W/kg



0 dB = 4.23 W/kg

System Performance Check Data (1750MHz Head)

Date: 2022.01.07

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1750 MHz; σ = 1.356 S/m; ε_r = 39.457; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 HEAD 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.28 W/kg

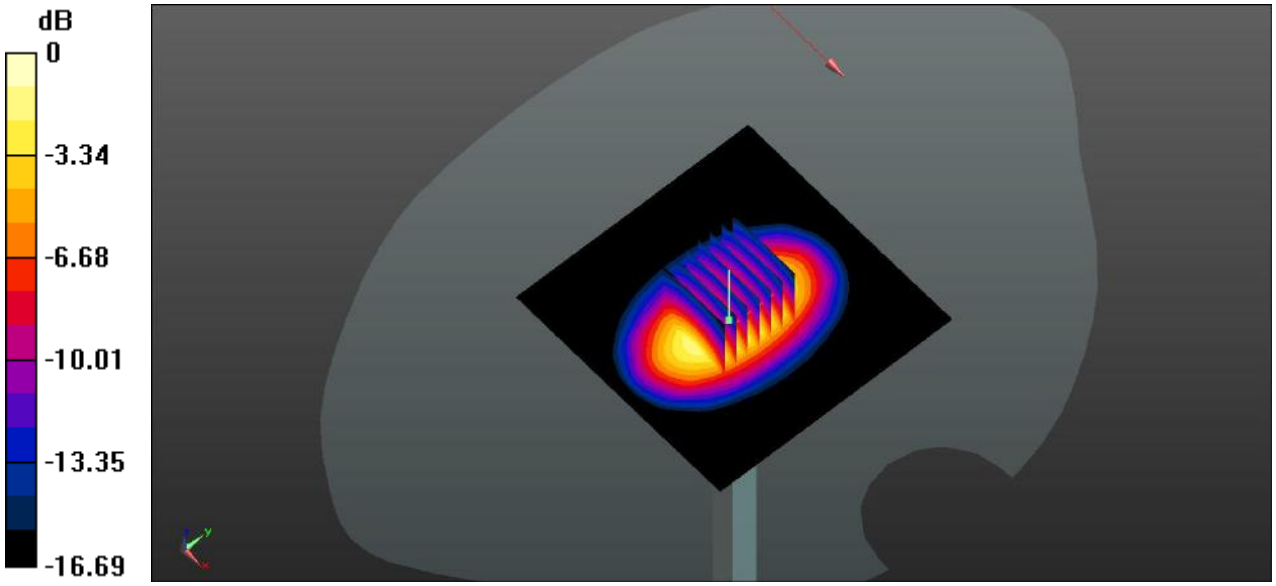
CW1750 HEAD 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.53 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 6.55 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 4.29 W/kg



0 dB = 4.29 W/kg

System Performance Check Data (1900MHz Head)

Date: 2022.01.10

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz; σ = 1.368 S/m; ε_r = 40.539; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1900 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.86 W/kg

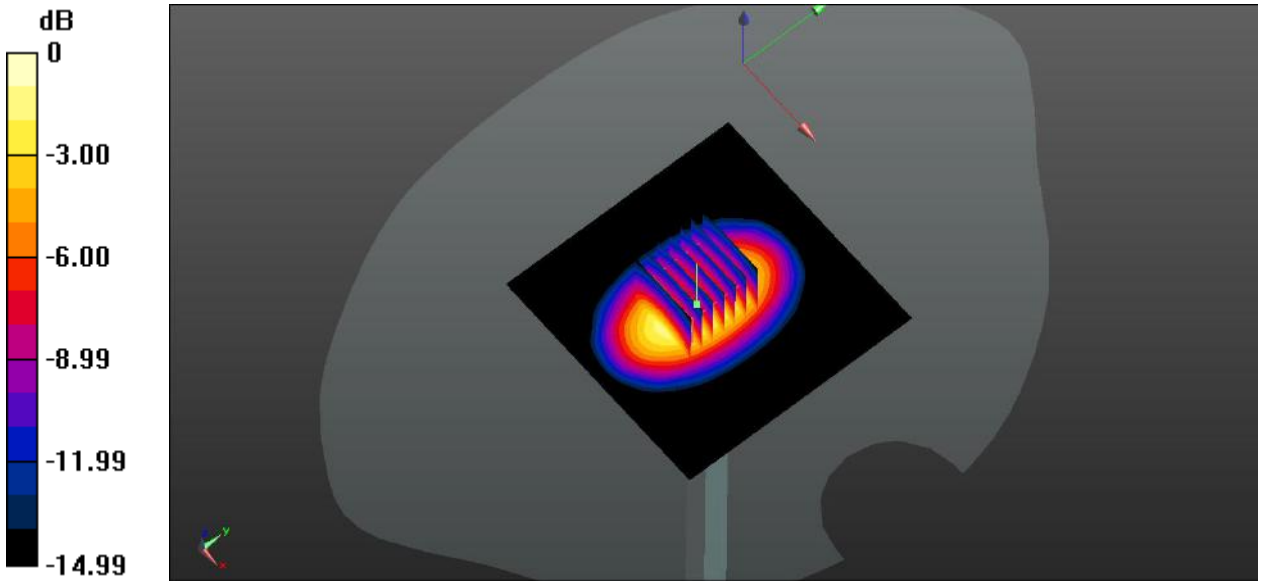
CW1900 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.23 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 7.32 W/kg

SAR(1 g) = 4.17 W/kg; SAR(10 g) = 1.93 W/kg

Maximum value of SAR (measured) = 4.66 W/kg



0 dB = 4.66 W/kg

System Performance Check Data (1900MHz Head)

Date: 2022.01.11

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz; σ = 1.376 S/m; ε_r = 39.854; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.34 W/kg

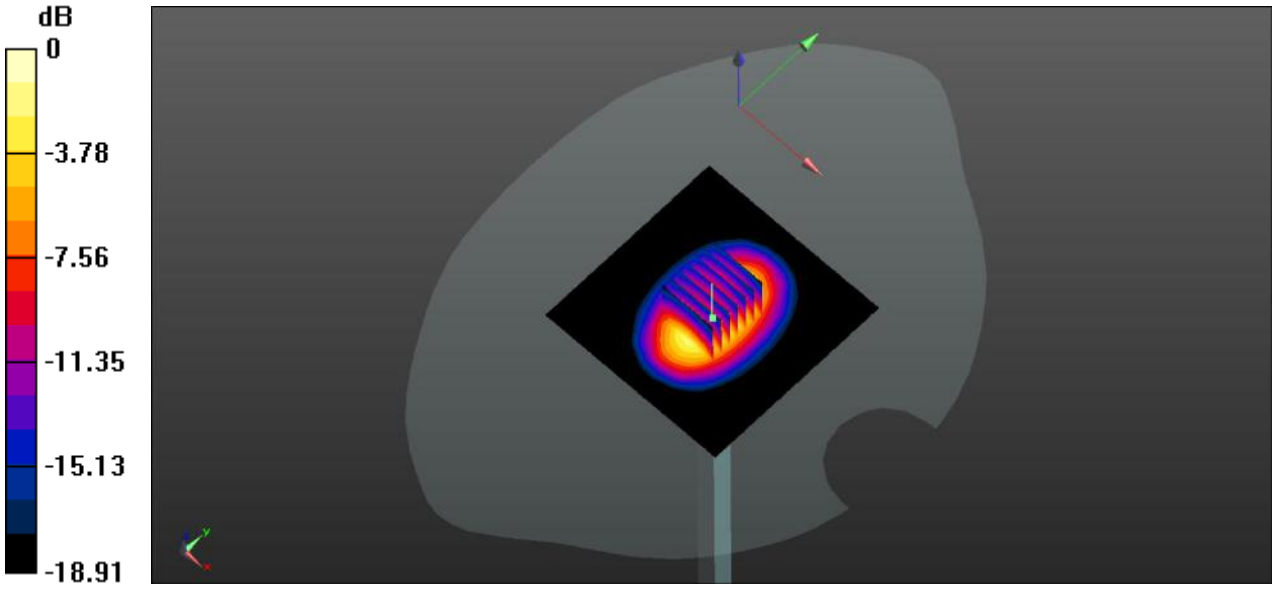
CW 1900 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.94 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.51 W/kg

SAR(1 g) = 4.1 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 4.31 W/kg



0 dB = 4.31 W/kg

System Performance Check Data (2450MHz Head)

Date: 2022.01.12

Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2450 MHz; σ = 1.751 S/m; ε_r = 40.284; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2450 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.39 W/kg

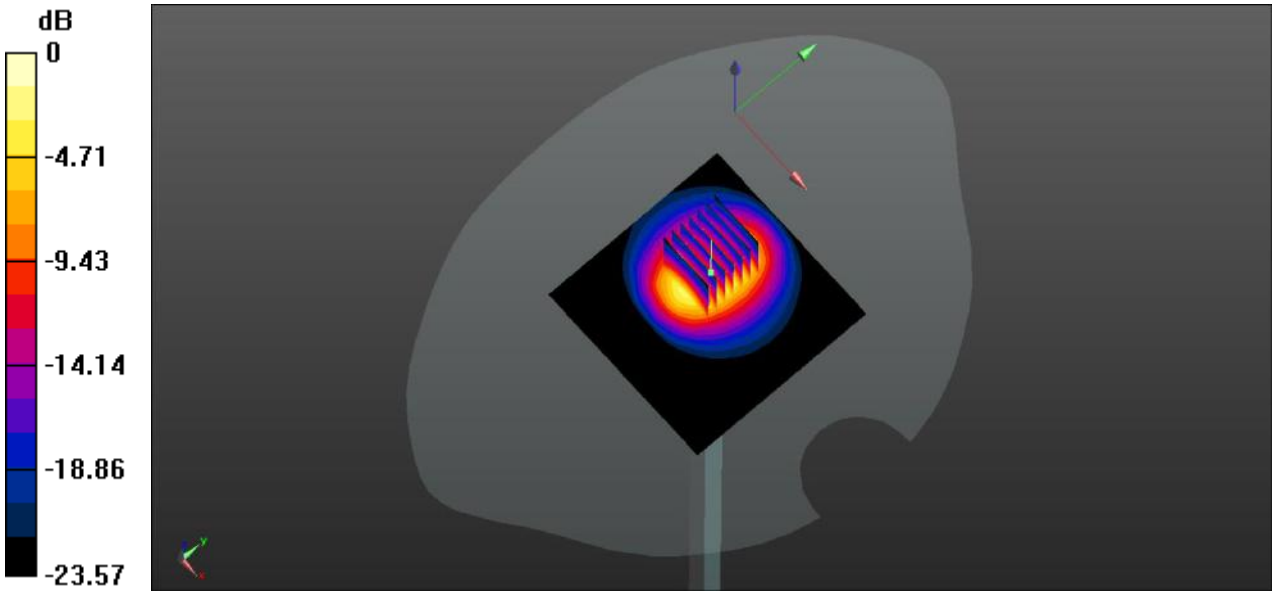
CW 2450 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.32 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 5.5 W/kg; SAR(10 g) = 2.5 W/kg

Maximum value of SAR (measured) = 6.41 W/kg



0 dB = 6.41 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.13

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 1.926 S/m; ε_r = 39.815; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.55 W/kg

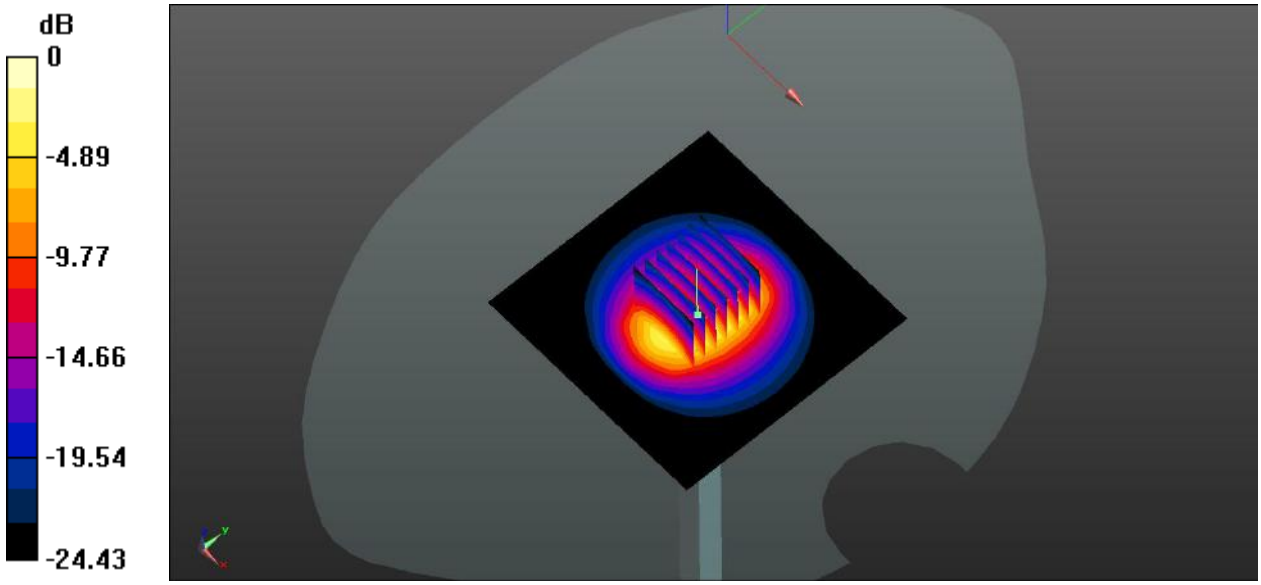
CW 2600 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.35 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 5.78 W/kg; SAR(10 g) = 2.51 W/kg

Maximum value of SAR (measured) = 6.57 W/kg



0 dB = 6.57 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.14

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 1.942 S/m; ε_r = 39.301; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.34 W/kg

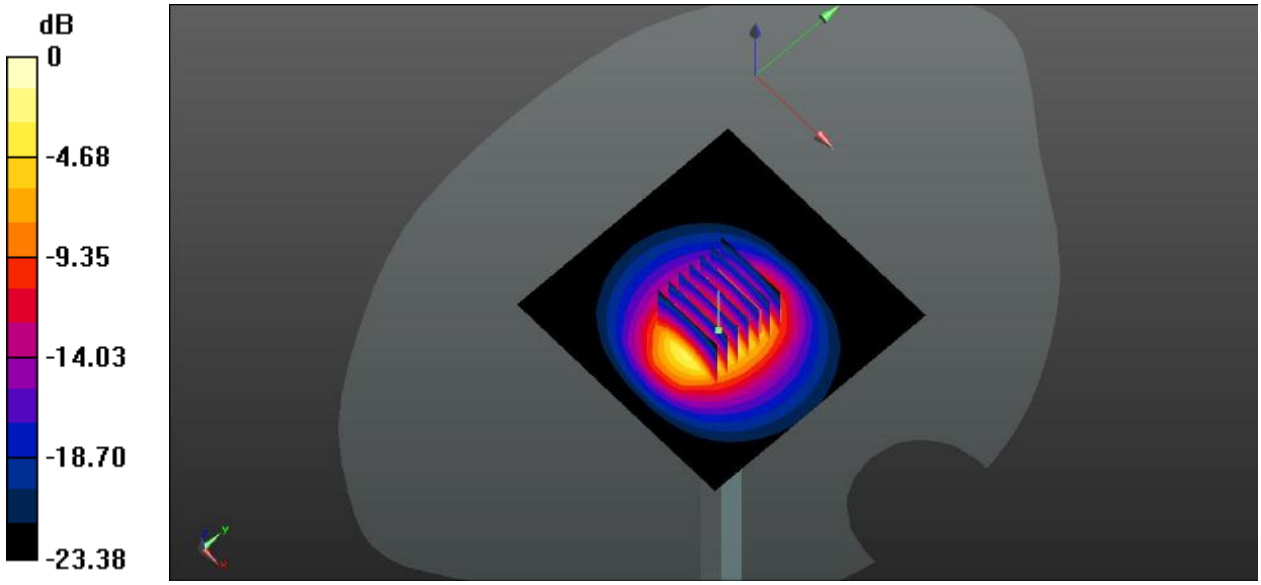
CW2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.25 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.56 W/kg

Maximum value of SAR (measured) = 6.28 W/kg



0 dB = 6.28 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.17

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 1.951 S/m; ε_r = 38.753; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.67 W/kg

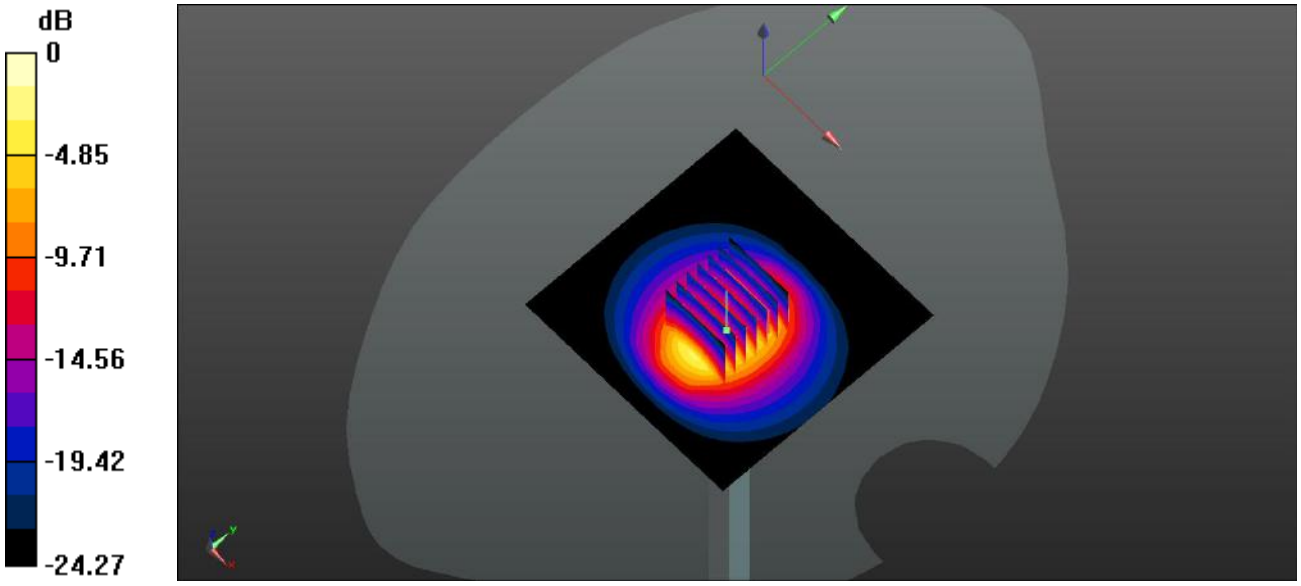
CW2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.22 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 13.2 W/kg

SAR(1 g) = 5.6 W/kg; SAR(10 g) = 2.58 W/kg

Maximum value of SAR (measured) = 6.77 W/kg



0 dB = 6.77 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.18

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 1.977 S/m; ε_r = 38.29; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.35 W/kg

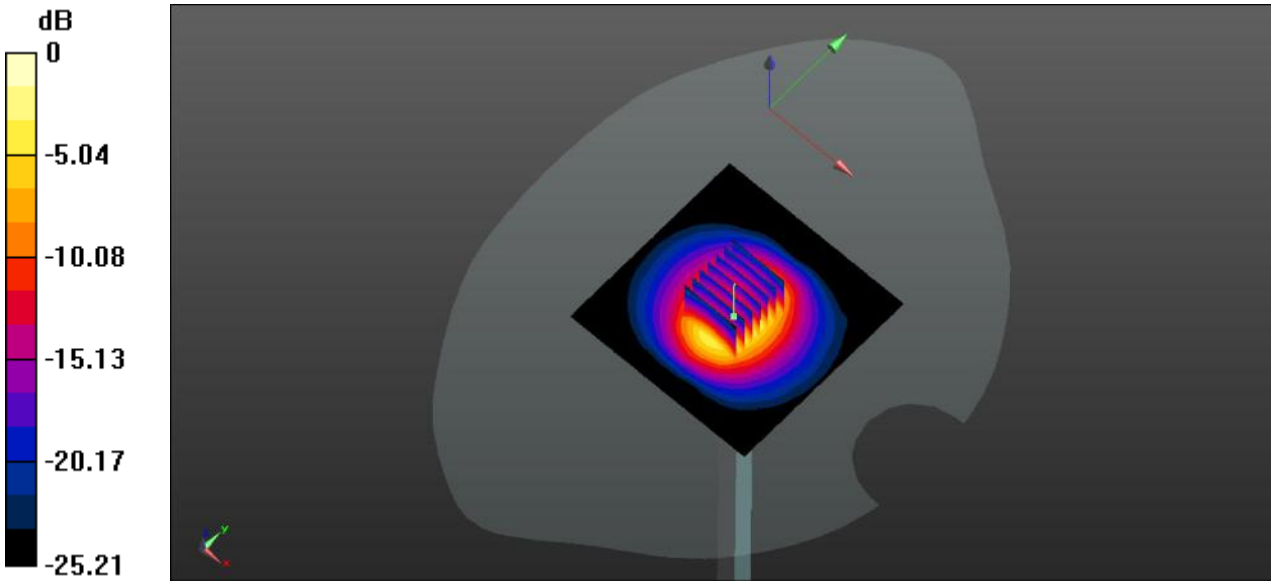
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.51 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 5.82 W/kg; SAR(10 g) = 2.43 W/kg

Maximum value of SAR (measured) = 6.44 W/kg



0 dB = 6.44 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.22

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 2.006 S/m; ε_r = 39.626; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.41 W/kg

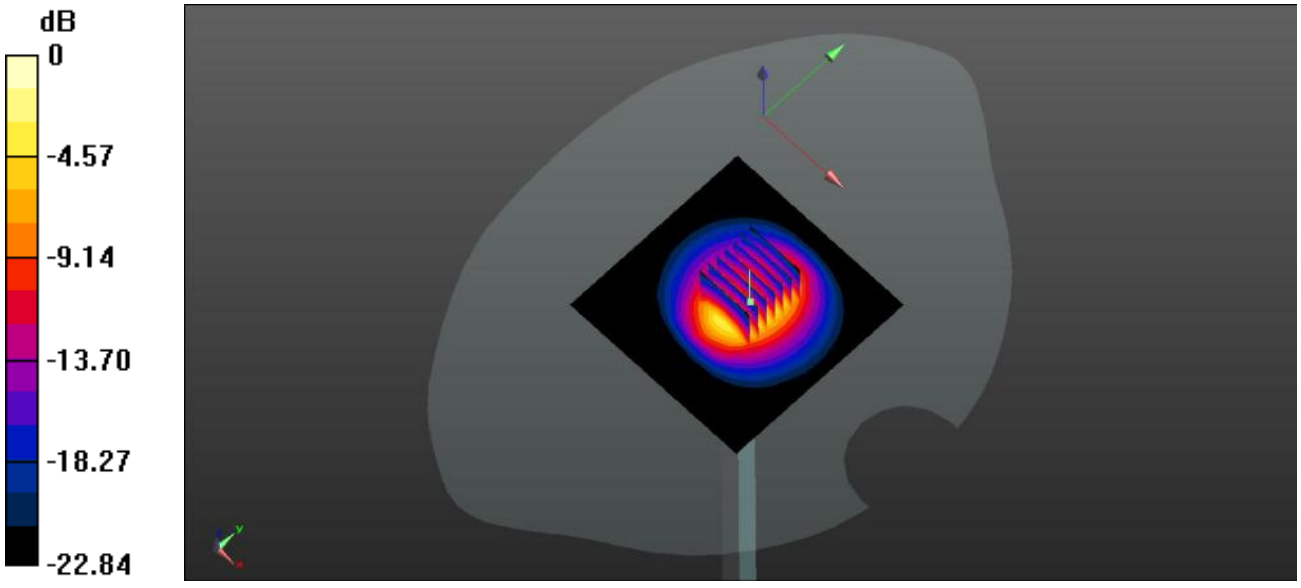
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.18 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.75 W/kg; SAR(10 g) = 2.4 W/kg

Maximum value of SAR (measured) = 6.26 W/kg



0 dB = 6.26 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.23

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 1.93 S/m; ε_r = 38.994; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.46 W/kg

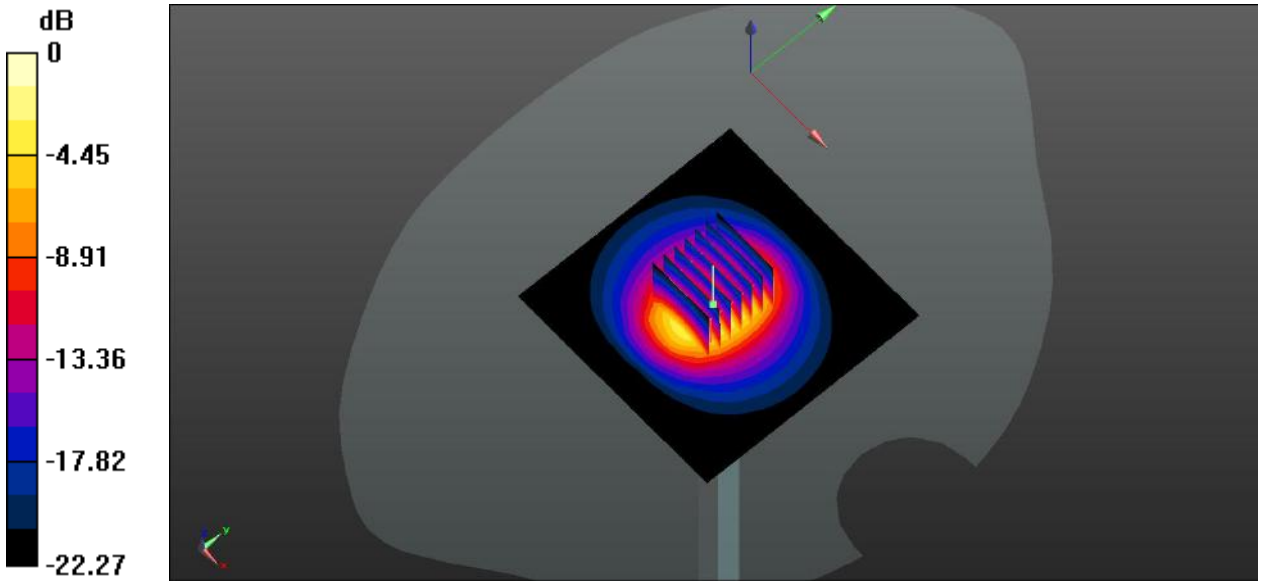
CW 2600 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.98 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 5.76 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 6.45 W/kg



0 dB = 6.45 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.24

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 1.964 S/m; ε_r = 39.224; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.49 W/kg

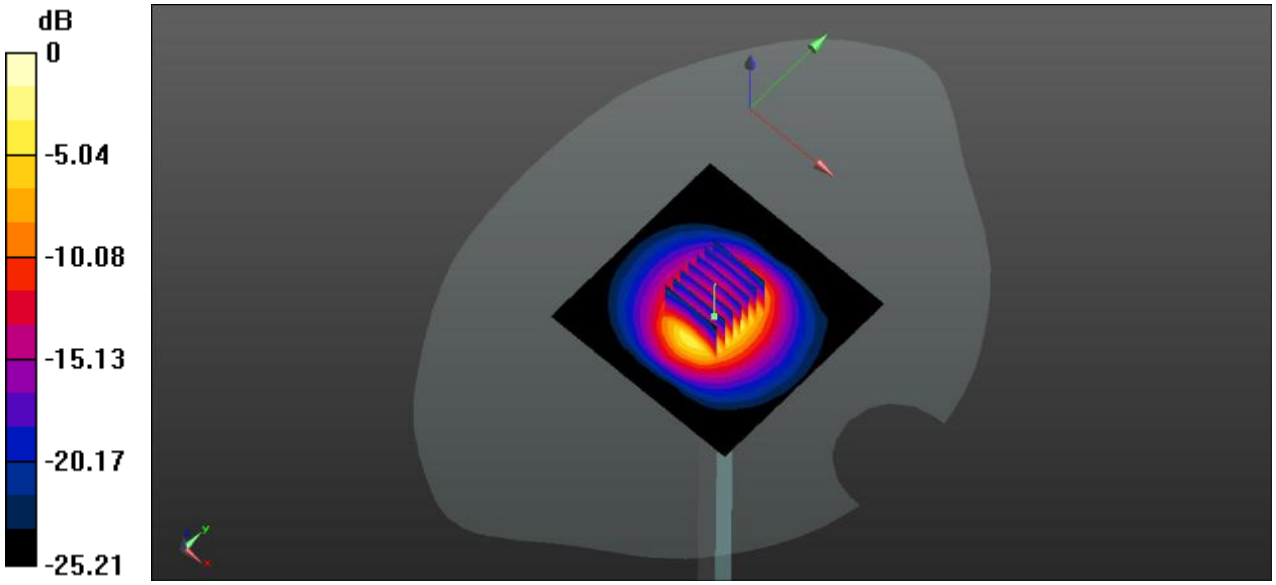
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.74 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 13.6 W/kg

SAR(1 g) = 5.73 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 6.51 W/kg



0 dB = 6.51 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.25

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 1.902 S/m; ε_r = 38.84; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.34 W/kg

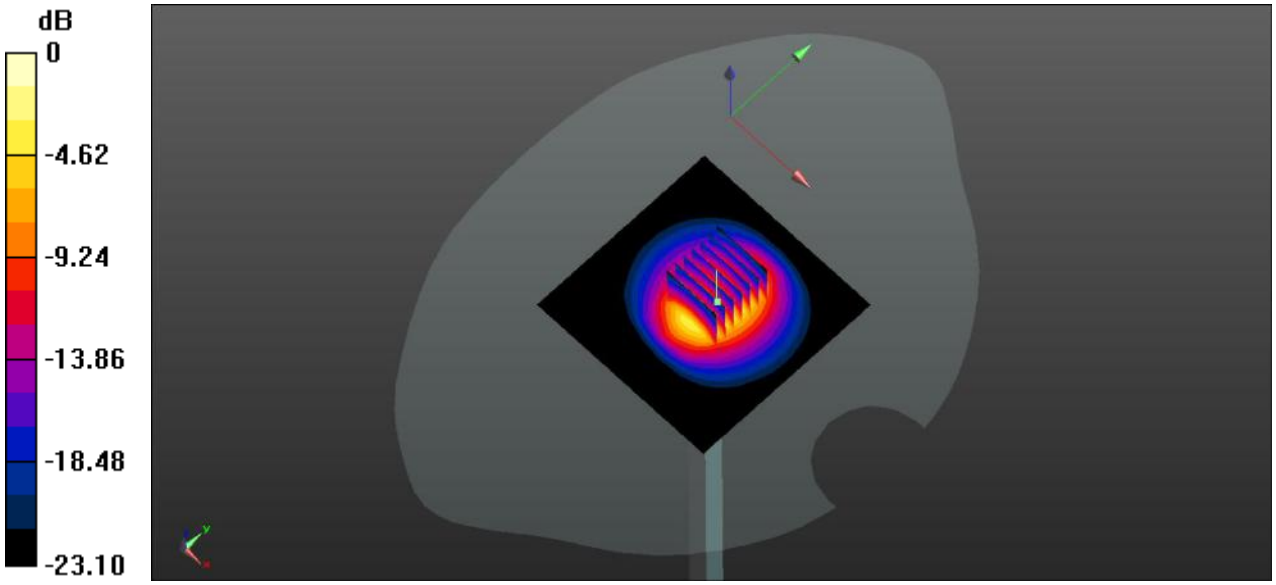
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.43 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.38 W/kg

Maximum value of SAR (measured) = 6.43 W/kg



0 dB = 6.43 W/kg

System Performance Check Data (2600MHz Head)

Date: 2022.01.26

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated): f = 2600 MHz; σ = 1.979 S/m; ε_r = 37.992; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.51 W/kg

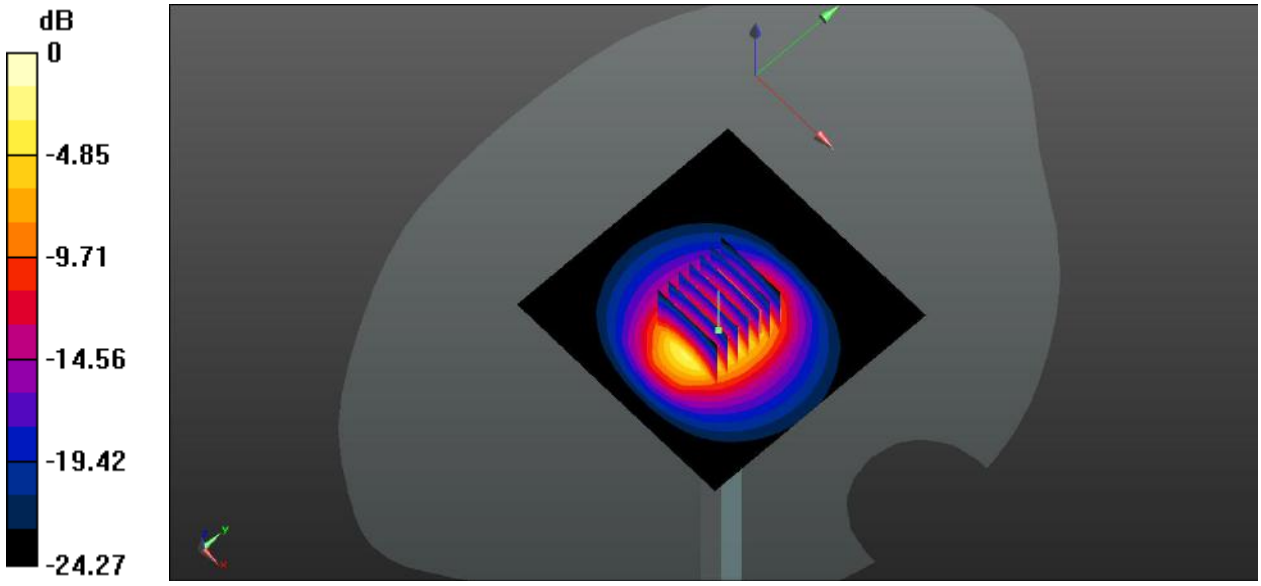
CW 2600 /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.74 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 5.82 W/kg; SAR(10 g) = 2.36 W/kg

Maximum value of SAR (measured) = 6.54 W/kg



0 dB = 6.54W/kg

System Performance Check Data (3500MHz Head)

Date: 2022.01.27

Communication System Band: D3500 (3500.0 MHz); Frequency: 3500 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3500 MHz; σ = 2.881 S/m; ε_r = 38.194; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.85, 6.85, 6.85); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3500 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.61 W/kg

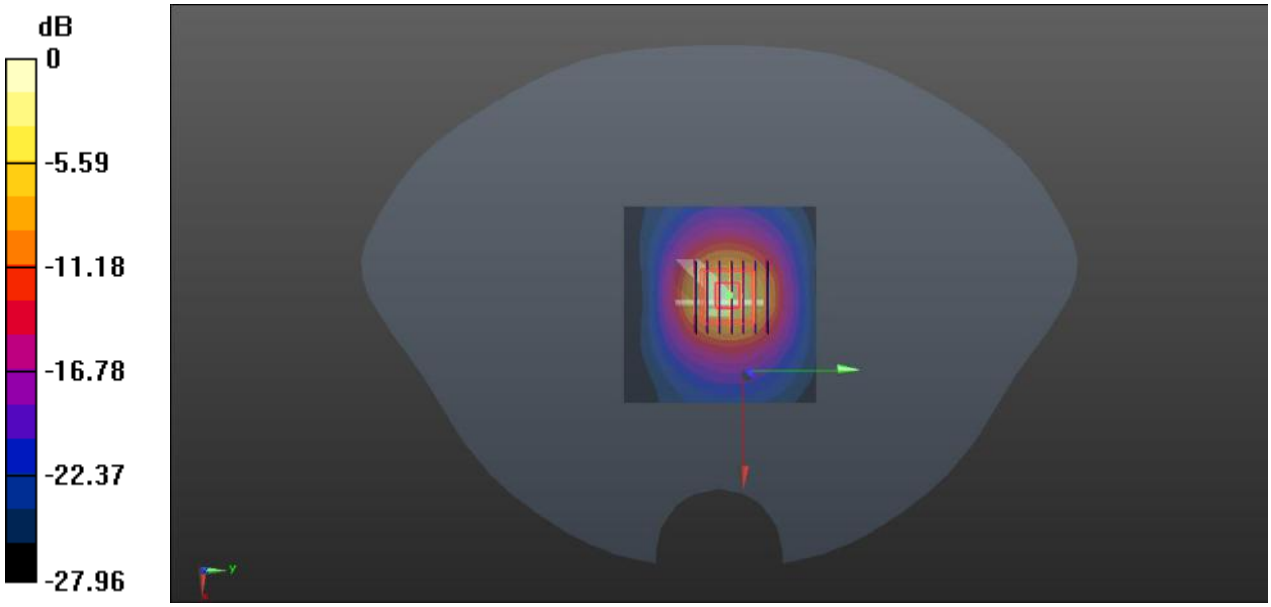
CW 3500 100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 51.87 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 20.6 W/kg

SAR(1 g) = 6.85 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg

System Performance Check Data (3500MHz Head)

Date: 2022.01.28

Communication System Band: D3500 (3500.0 MHz); Frequency: 3500 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3500 MHz; σ = 2.977 S/m; ε_r = 38.533; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.85, 6.85, 6.85); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3500 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.55 W/kg

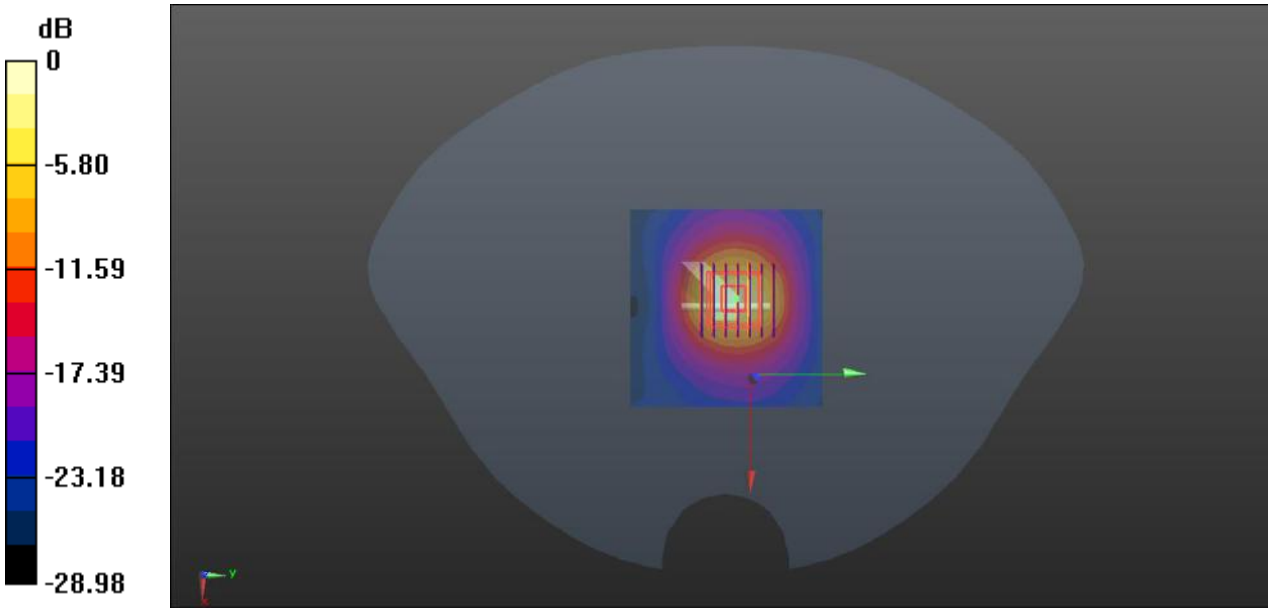
CW 3500 100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 41.35 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 6.88 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg

System Performance Check Data (3500MHz Head)

Date: 2022.01.29

Communication System Band: D3500 (3500.0 MHz); Frequency: 3500 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3500 MHz; σ = 2.904 S/m; ε_r = 38.836; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.85, 6.85, 6.85); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3500 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.64 W/kg

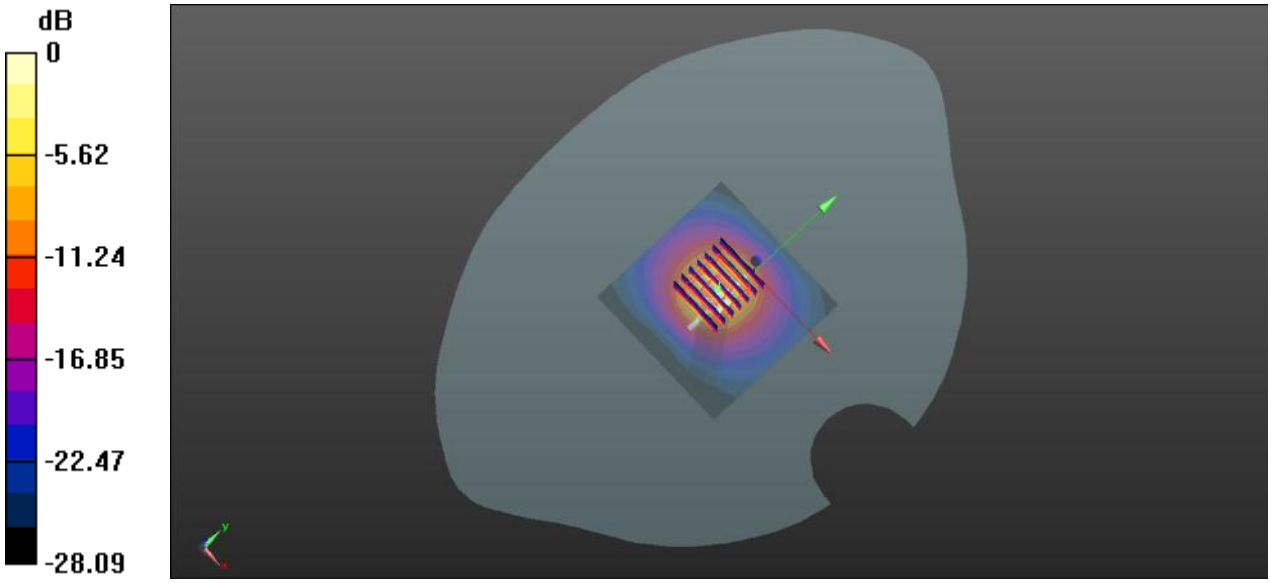
CW 3500 100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 48.12 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 21.1 W/kg

SAR(1 g) = 6.5 W/kg; SAR(10 g) = 2.42 W/kg

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg

System Performance Check Data (3500MHz Head)

Date: 2022.01.30

Communication System Band: D3500 (3500.0 MHz); Frequency: 3500 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3500 MHz; σ = 2.907 S/m; ε_r = 37.401; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.85, 6.85, 6.85); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW3500/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.22 W/kg

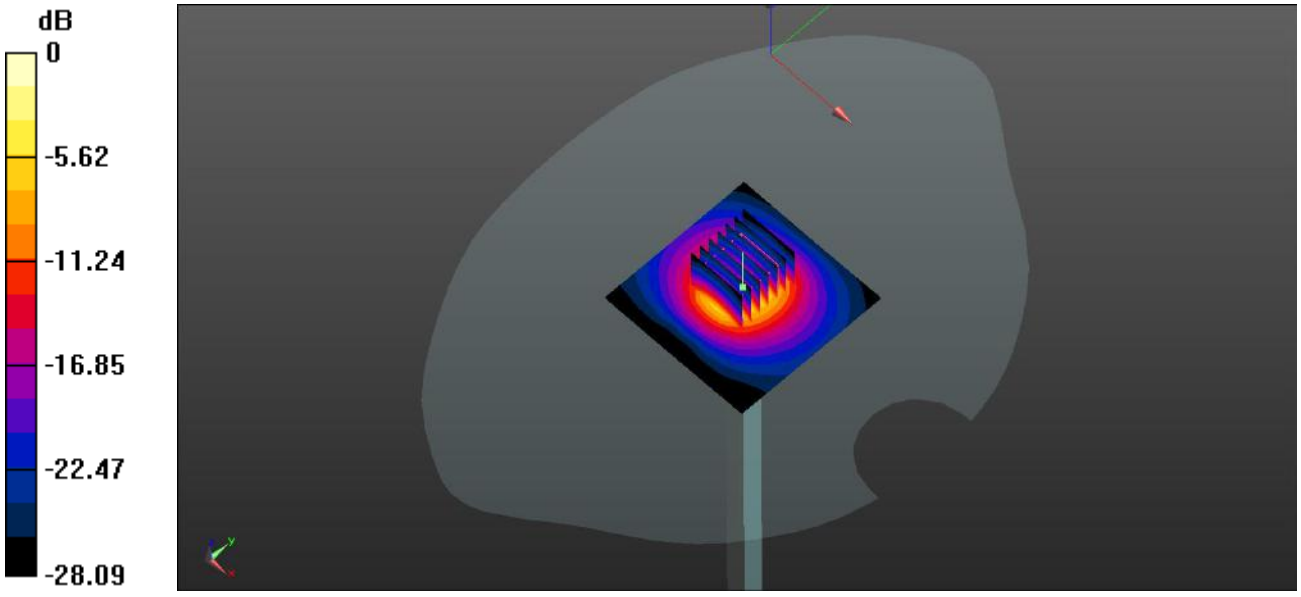
CW3500/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value =51.34 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 6.7 W/kg; SAR(10 g) = 2.5 W/kg

Maximum value of SAR (measured) = 13.4 W/kg



0 dB = 13.4 W/kg

System Performance Check Data (3700MHz Head)

Date: 2022.01.27

Communication System Band: D3700 (3700.0 MHz); Frequency: 3700 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3700 MHz; σ = 3.106 S/m; ε_r = 37.433; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.6, 6.6, 6.6); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3700 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.44 W/kg

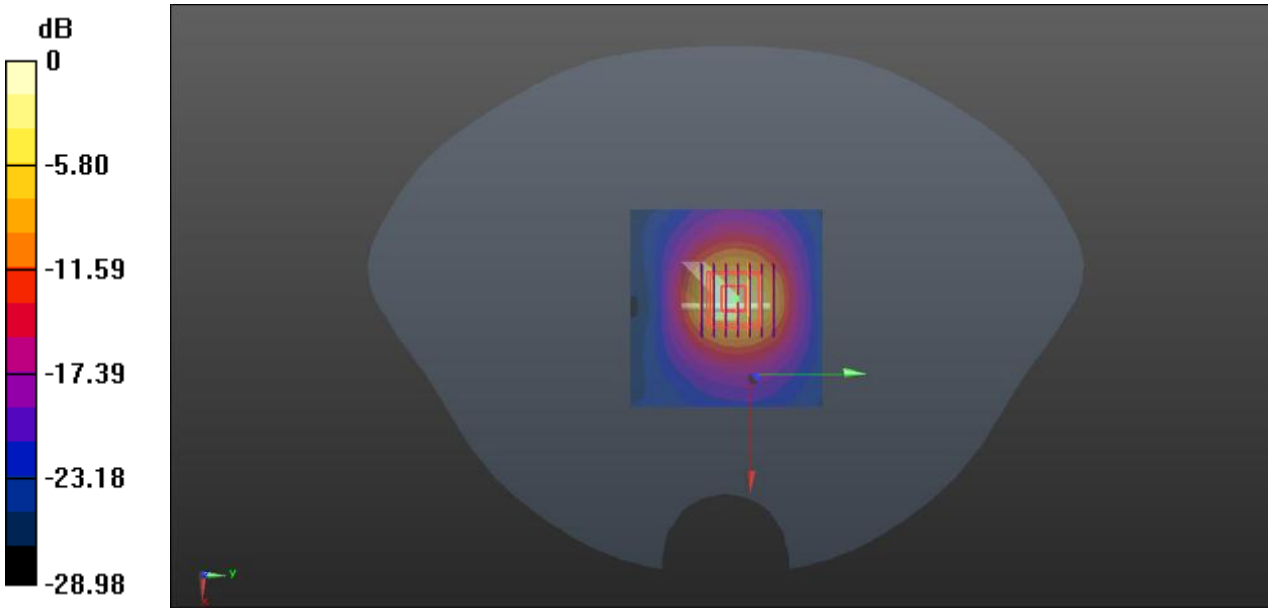
CW 3700 100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 53.07 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 22.8 W/kg

SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg

System Performance Check Data (3700MHz Head)

Date: 2022.01.28

Communication System Band: D3700 (3700.0 MHz); Frequency: 3700 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3700 MHz; σ = 3.199 S/m; ε_r = 37.803; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.6, 6.6, 6.6); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3700 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.52 W/kg

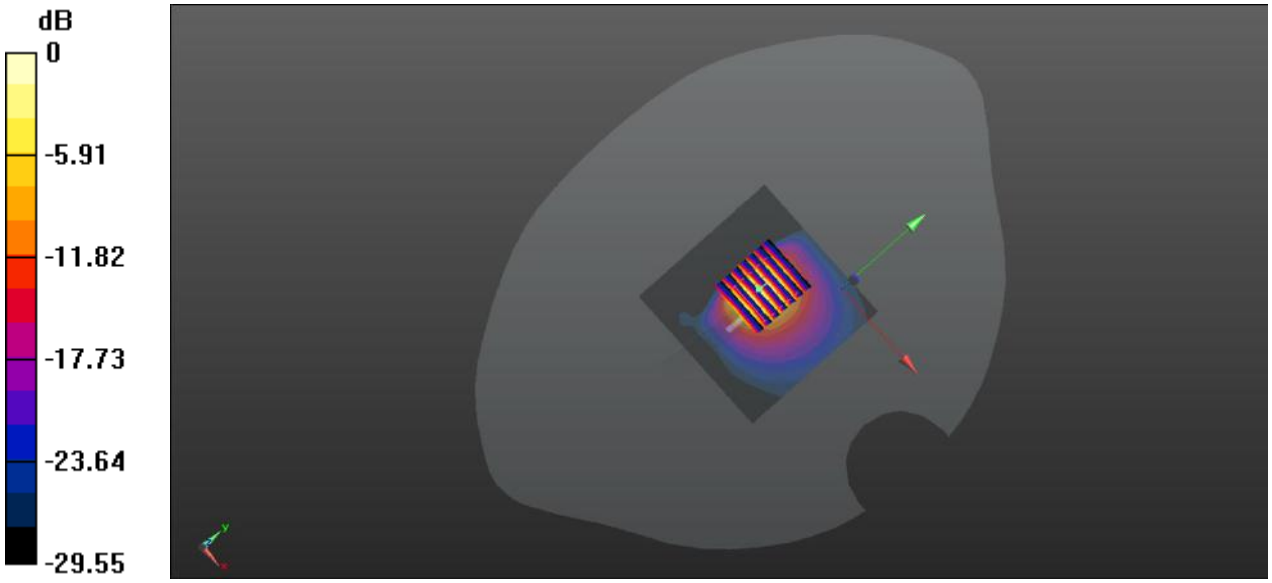
CW 3700 100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 51.67 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 21.9 W/kg

SAR(1 g) = 6.85 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg

System Performance Check Data (3700MHz Head)

Date: 2022.01.29

Communication System Band: D3700 (3700.0 MHz); Frequency: 3700 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3700 MHz; σ = 3.124 S/m; ε_r = 37.944; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.6, 6.6, 6.6); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3700 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.56 W/kg

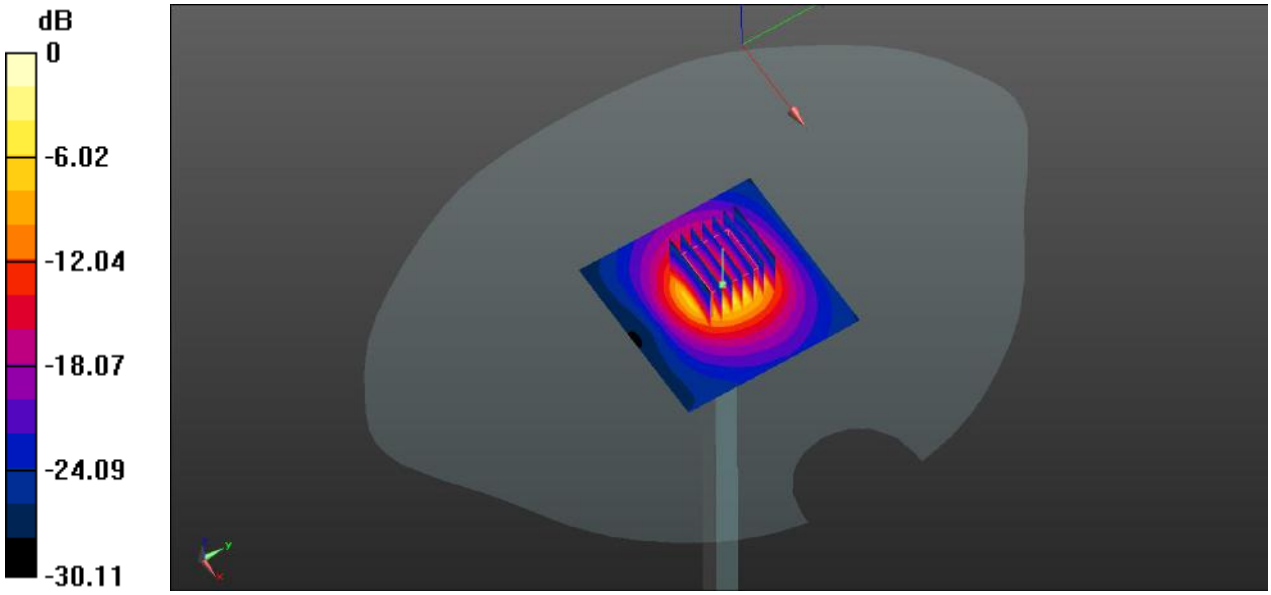
CW 3700 100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 52.33 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 22.2 W/kg

SAR(1 g) = 6.84 W/kg; SAR(10 g) = 2.34 W/kg

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg

System Performance Check Data (3700MHz Head)

Date: 2022.01.30

Communication System Band: D3700 (3700.0 MHz); Frequency: 3700 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3700 MHz; σ = 3.127 S/m; ε_r = 36.655; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.6, 6.6, 6.6); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW3700/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.27 W/kg

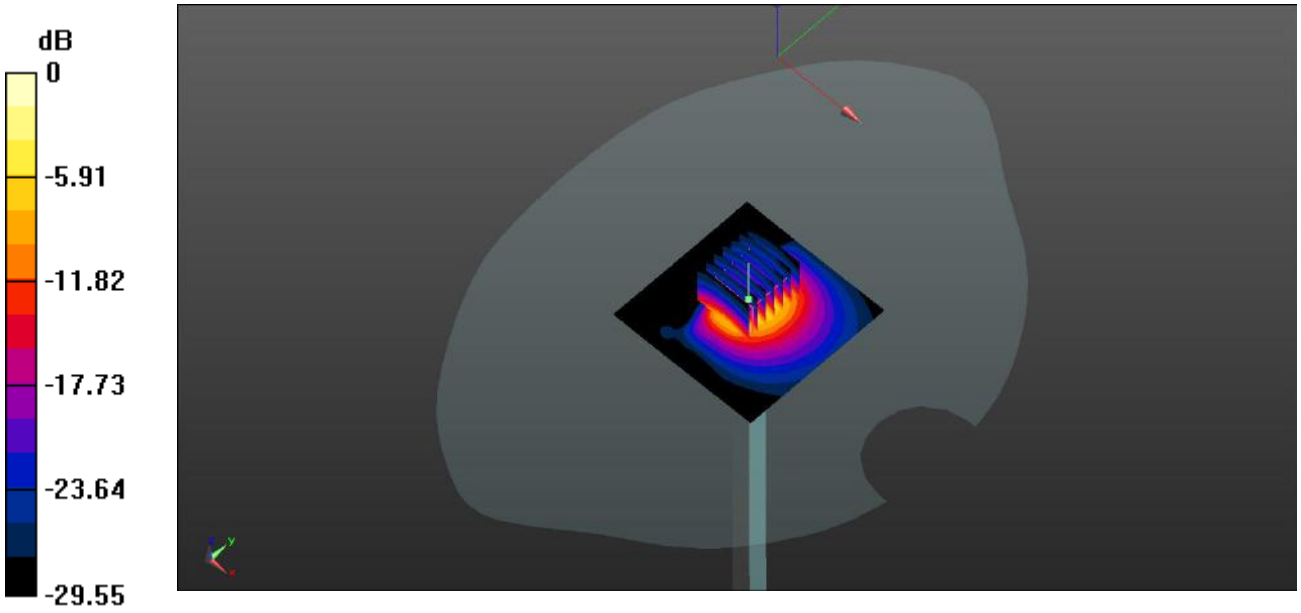
CW3700/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 42.23 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 22.8 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg

System Performance Check Data (3900MHz Head)

Date: 2022.01.27

Communication System Band: D3900 (3900.0 MHz); Frequency: 3900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3900 MHz; σ = 3.343 S/m; εr = 36.063; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.51, 6.51, 6.51); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3900/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.33 W/kg

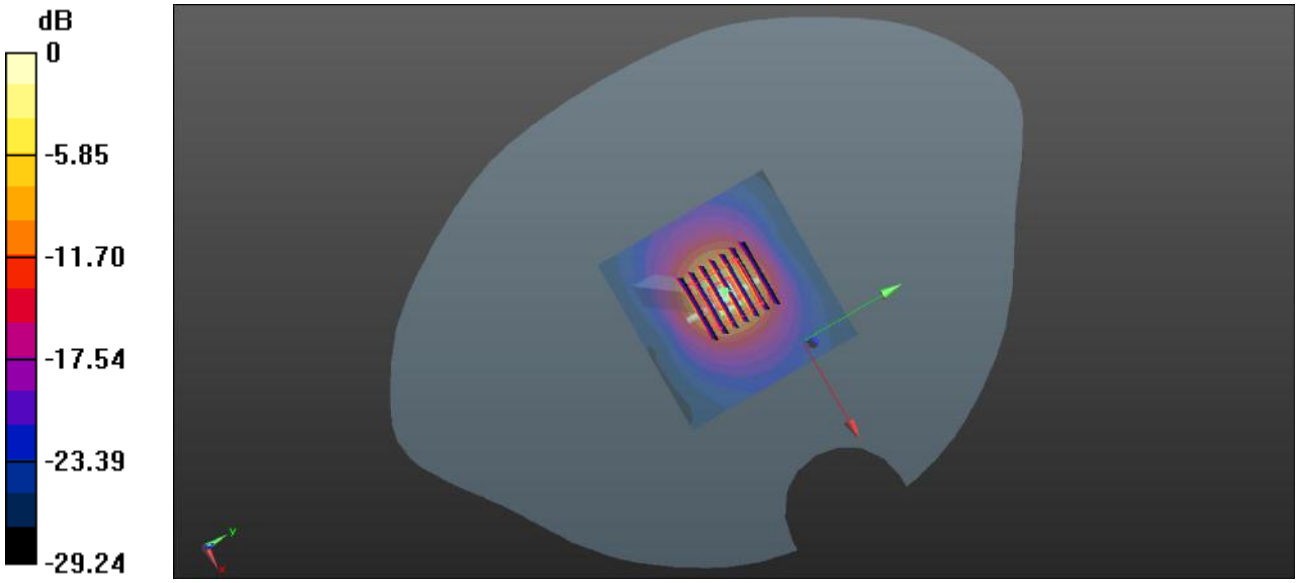
CW 3900/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 45.01 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 25.5 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.3 W/kg

Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg

System Performance Check Data (3900MHz Head)

Date: 2022.01.28

Communication System Band: D3900 (3900.0 MHz); Frequency: 3900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3900 MHz; σ = 3.446 S/m; εr = 36.418; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.51, 6.51, 6.51); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 3900/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.47 W/kg

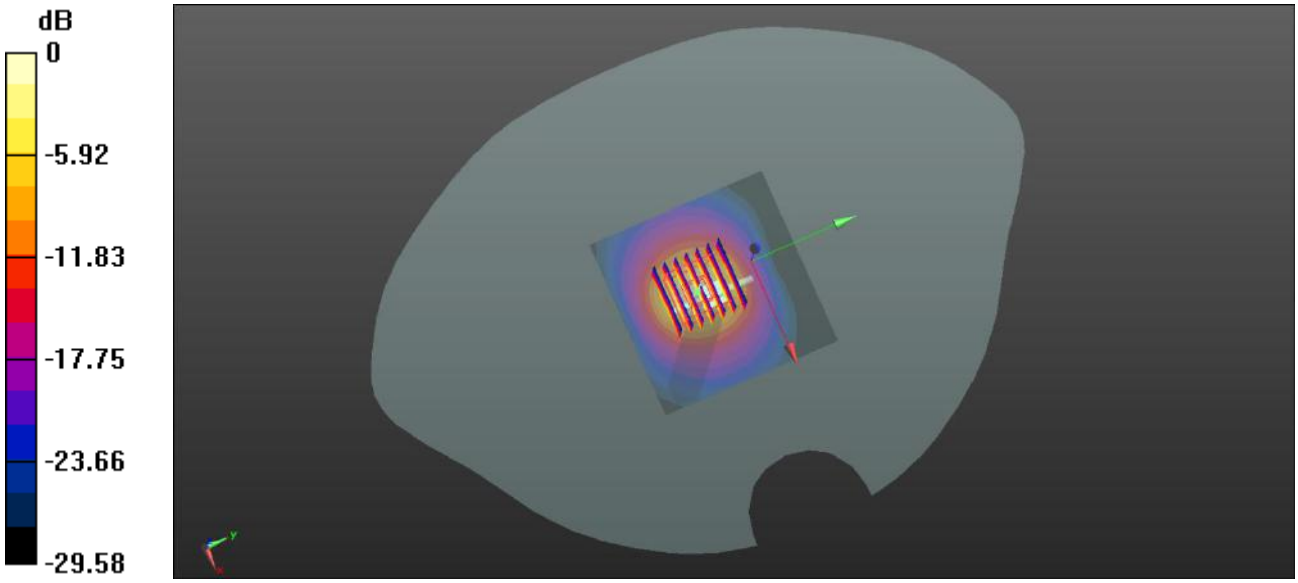
CW 3900/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 47.31 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 24.4 W/kg

SAR(1 g) = 6.93 W/kg; SAR(10 g) = 2.28 W/kg

Maximum value of SAR (measured) = 14.1 W/kg



0 dB = 14.1 W/kg

System Performance Check Data (5250MHz Head)

Date: 2022.01.19

Communication System Band: D5GHz 5000.0 - 6000.0 MHz); Frequency: 5250 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5250 MHz; σ = 4.711 S/m; ε_r = 35.762; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5250 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.81 W/kg

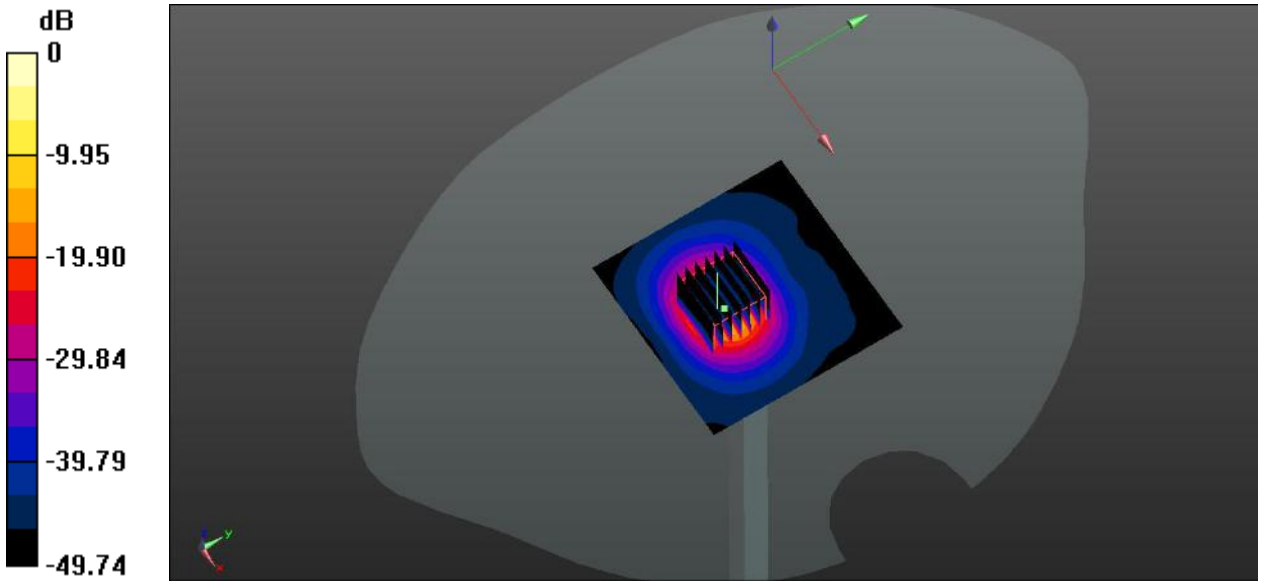
CW 5250 100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 36.24 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 31.5 W/kg

SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.3 W/kg

Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 15.1 W/kg

System Performance Check Data (5600MHz Head)

Date: 2022.01.20

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5600 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5600 MHz; σ = 5.07 S/m; ε_r = 35.21; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.88, 4.88, 4.88); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.67 W/kg

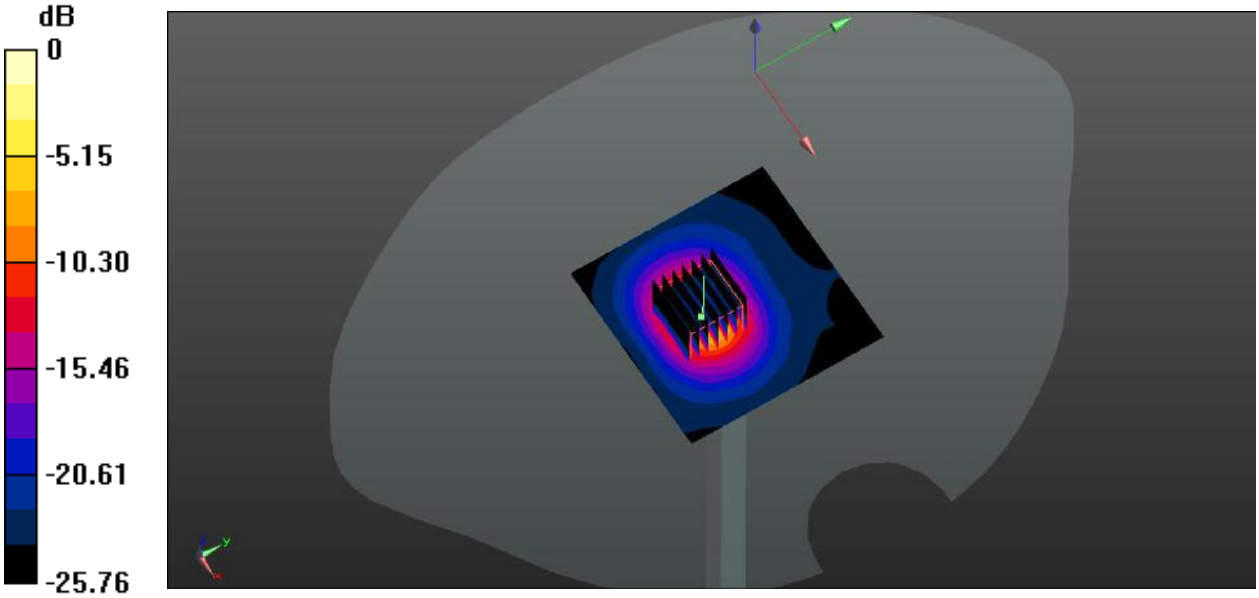
CW5600 100mW/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 35.26 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 35.4 W/kg

SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg

System Performance Check Data (5750MHz Head)

Date: 2022.01.21

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5750 MHz; σ = 5.302 S/m; ε_r = 35.505; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.92, 4.92, 4.92); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5750 100mw/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.11 W/kg

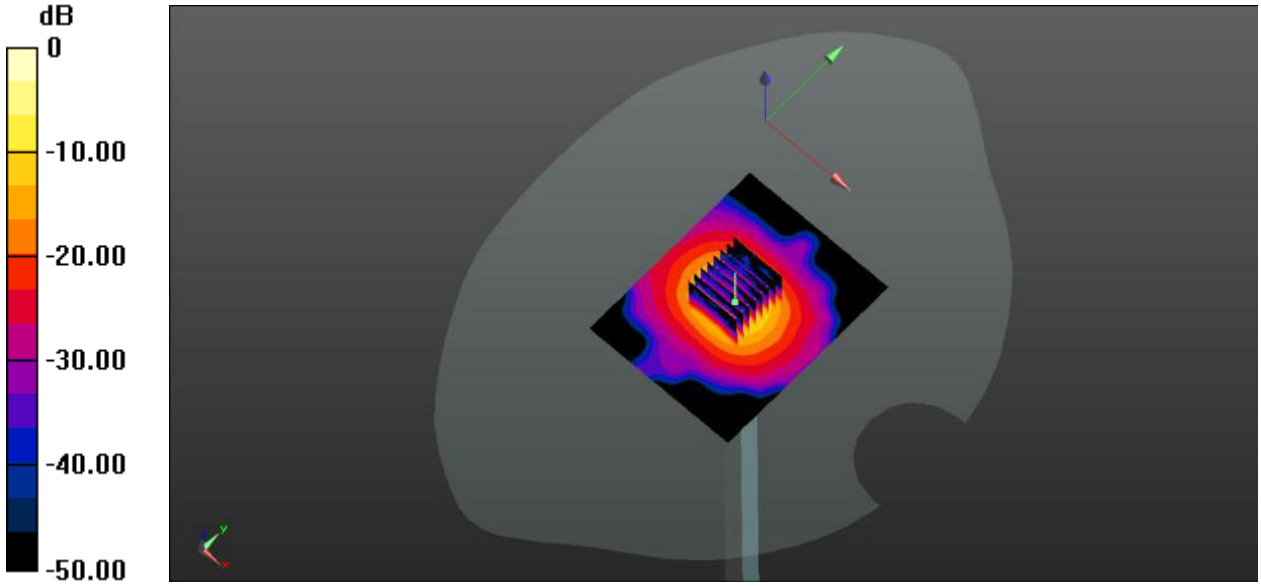
CW5750 100mw/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 35.32 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 7.47 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 15.3 W/kg



0 dB = 15.3 W/kg

ANNEX C TEST DATA

Meas.1 Right Head with Cheek on Low Channel in GPRS850 2Slots mode with Antenna2

Date: 2021.12.30

Communication System Band: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.1

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.914 S/m; εr = 41.934; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.337 W/kg

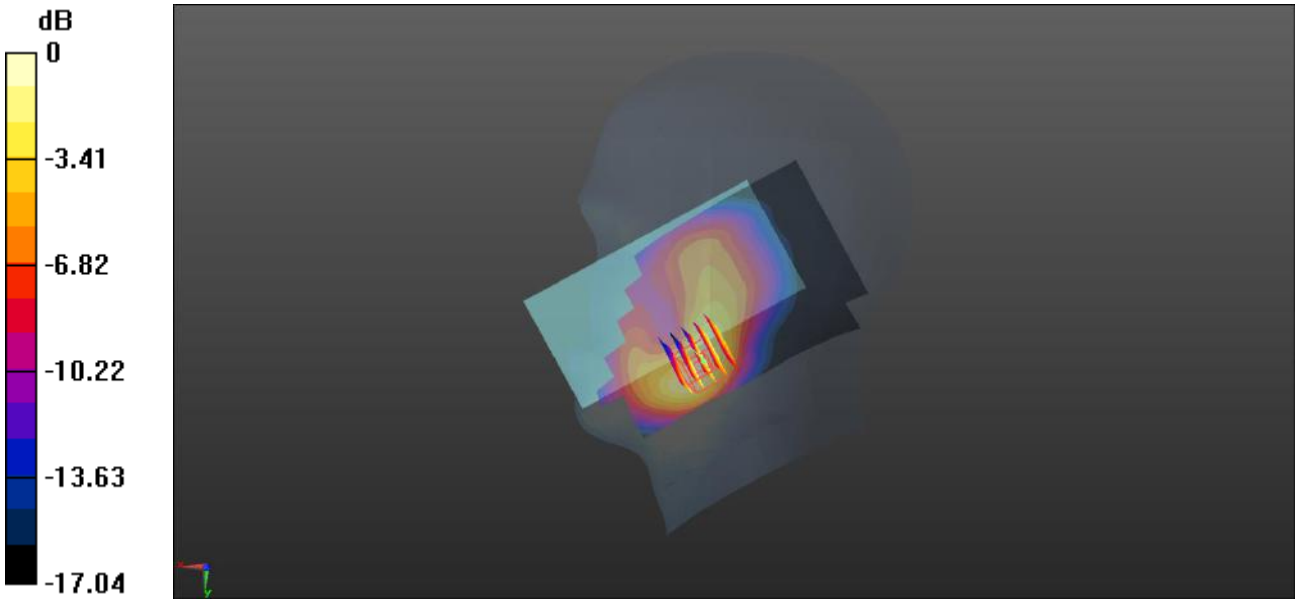
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.420 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



0 dB = 0.371 W/kg

Meas.2 Body Plane with Back Side 15mm on Low Channel in GPRS850 2Slots mode with Antenna 1

Date: 2021.12.30

Communication System Band: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.1

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.914 S/m; εr = 41.934; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.313 W/kg

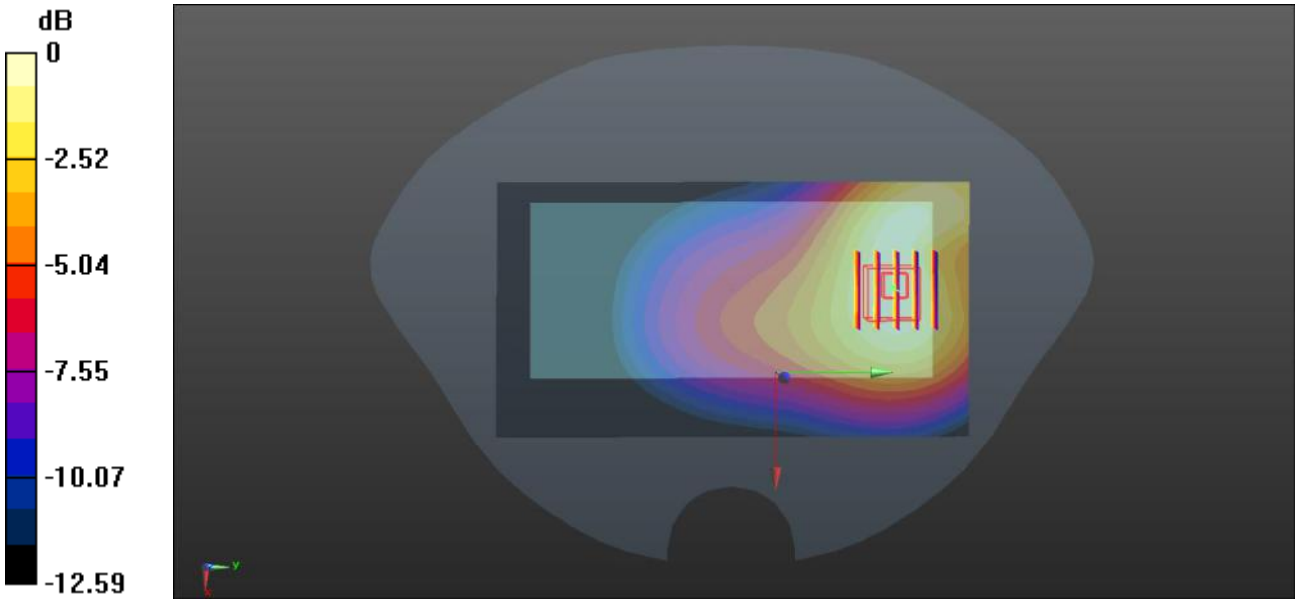
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.892 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg

Meas.3 Body Plane with Back Side 10mm on Low Channel in GPRS850 2Slots mode with Antenna 1

Date: 2021.12.30

Communication System Band: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.1

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.914 S/m; εr = 41.934; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.463 W/kg

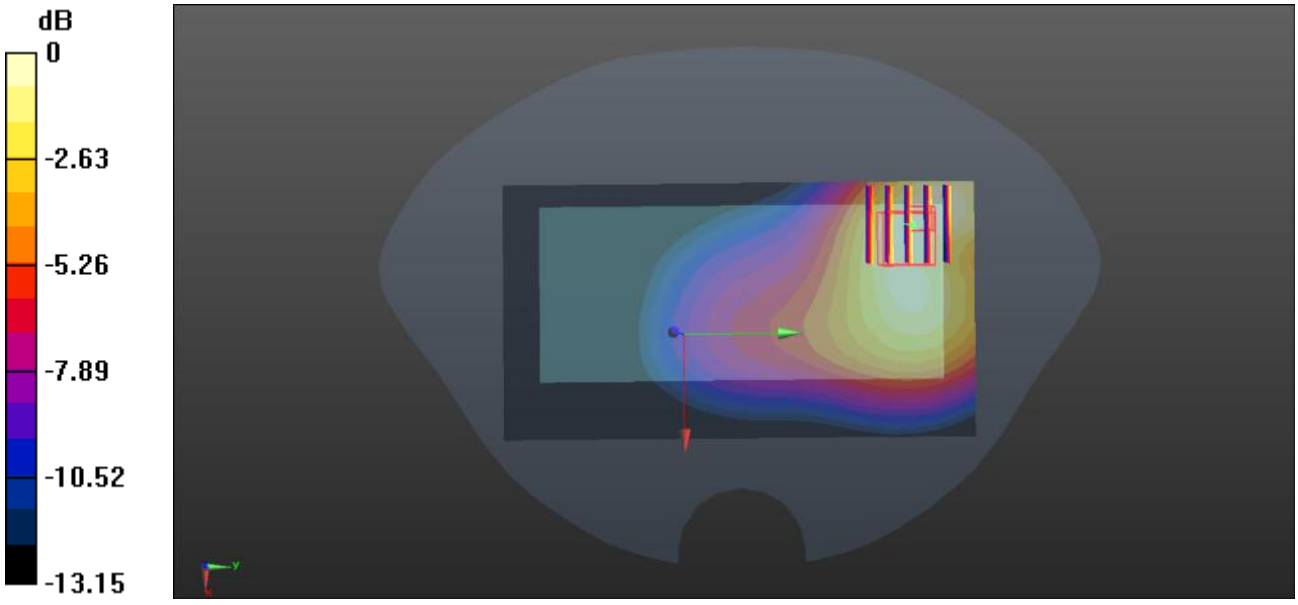
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.34 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.469 W/kg

Meas.4 Right Head with Cheek on High Channel in GPRS1900 4Slots mode with Antenna4

Date: 2022.01.10

Communication System Band: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08

Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.365 S/m; εr = 40.989; ρ = 1000 kg/m3

Phantom section: Right Section

Ambient Temperature:22.8 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

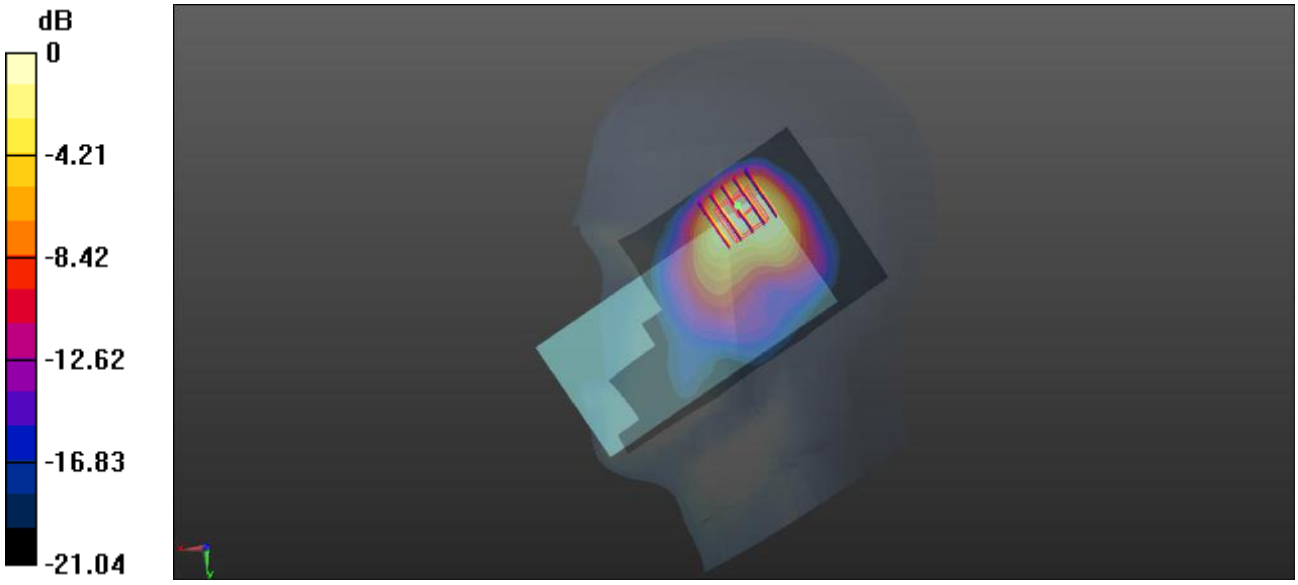
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.85 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.617 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg

Meas.5 Body Plane with Front Side 15mm on High **Channel in** GPRS1900 **2Slots mode with Antenna4**

Date: 2022.01.10

Communication System Band: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.1

Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.365 S/m; εr = 40.989; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

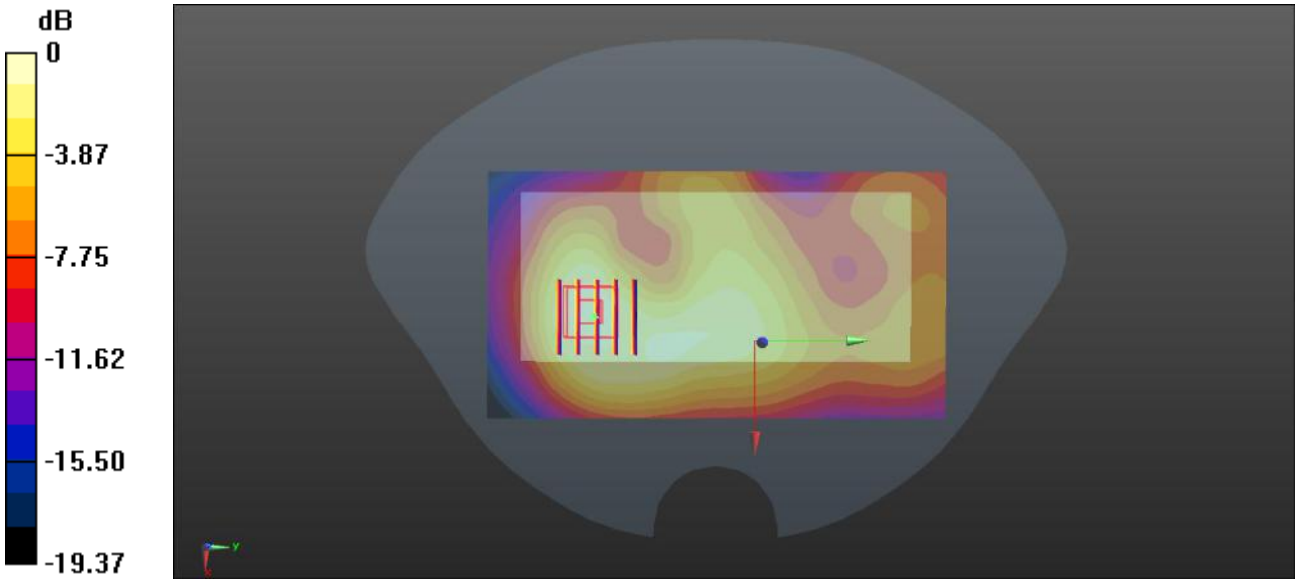
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.145 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg

Meas.6 Body Plane with Right Edge 10mm on High Channel in GPRS1900 2Slots mode with Antenna4

Date: 2022.01.10

Communication System Band: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.1

Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.365 S/m; εr = 40.989; ρ = 1000 kg/m3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.630 W/kg

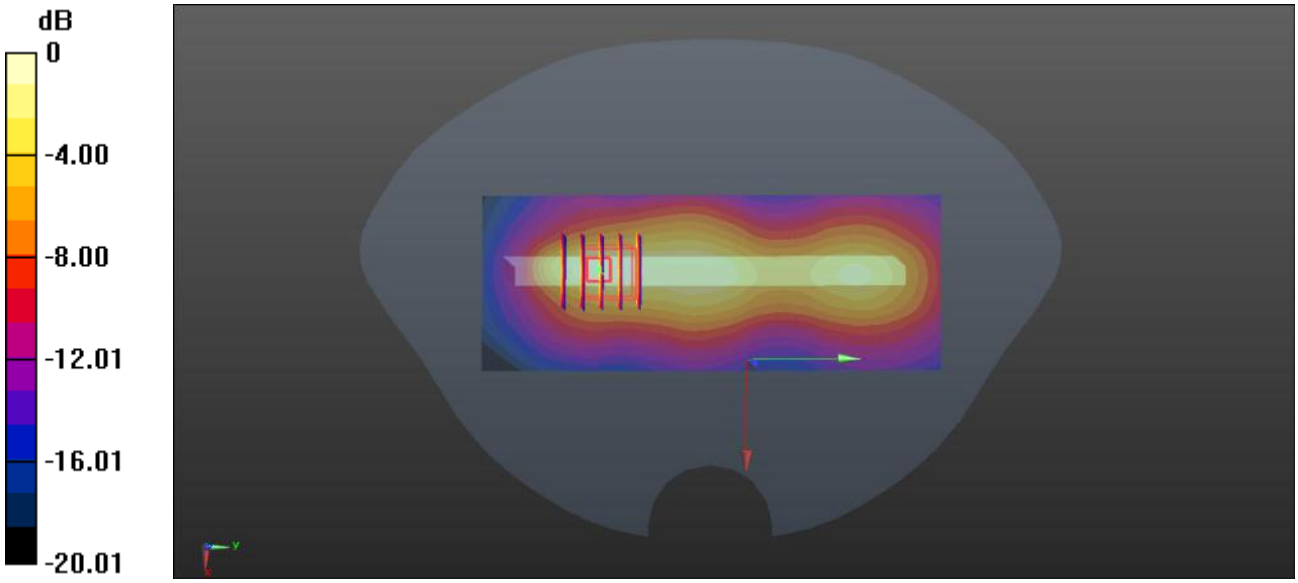
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.03 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.600 W/kg



0 dB = 0.600 W/kg

Meas.7 Right Head with Cheek on High Channel in WCDMA Band2 mode with Antenna4

Date: 2022.01.10

Communication System Band: II; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.371 S/m; ε_r = 40.458; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.8 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

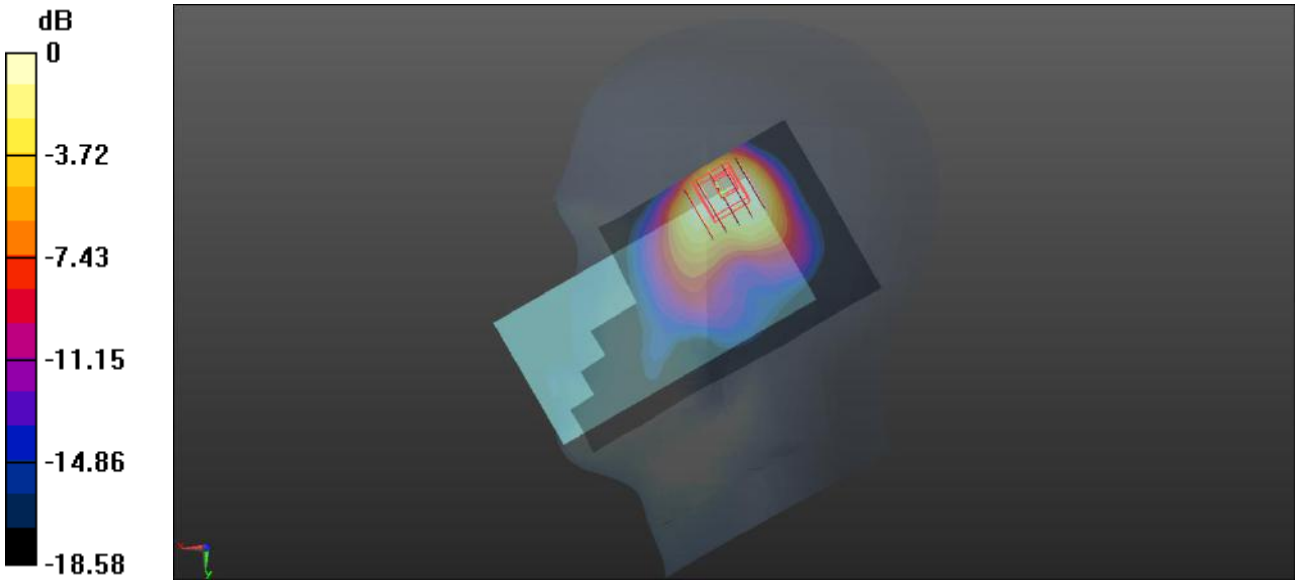
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.01 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 0.754 W/kg



0 dB = 0.754 W/kg

Meas.8 Body Plane with Back Side 15mm on Middle Channel in WCDMA Band2 mode with Antenna4

Date: 2022.01.10

Communication System Band: II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.367 S/m; ε_r = 40.743; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.251 W/kg

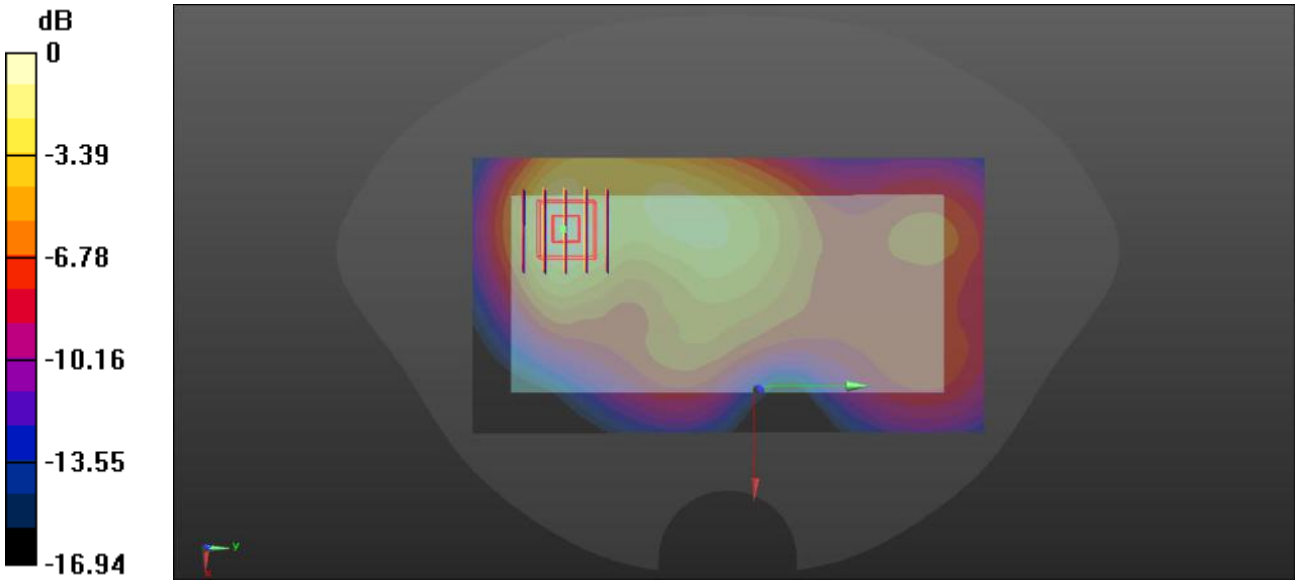
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.278 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg

Meas.9 Body Plane with Right Edge 10mm on Middle Channel in WCDMA Band2 mode with Antenna 4

Date: 2022.01.10

Communication System Band: II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.367 S/m; ε_r = 40.743; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.960 W/kg

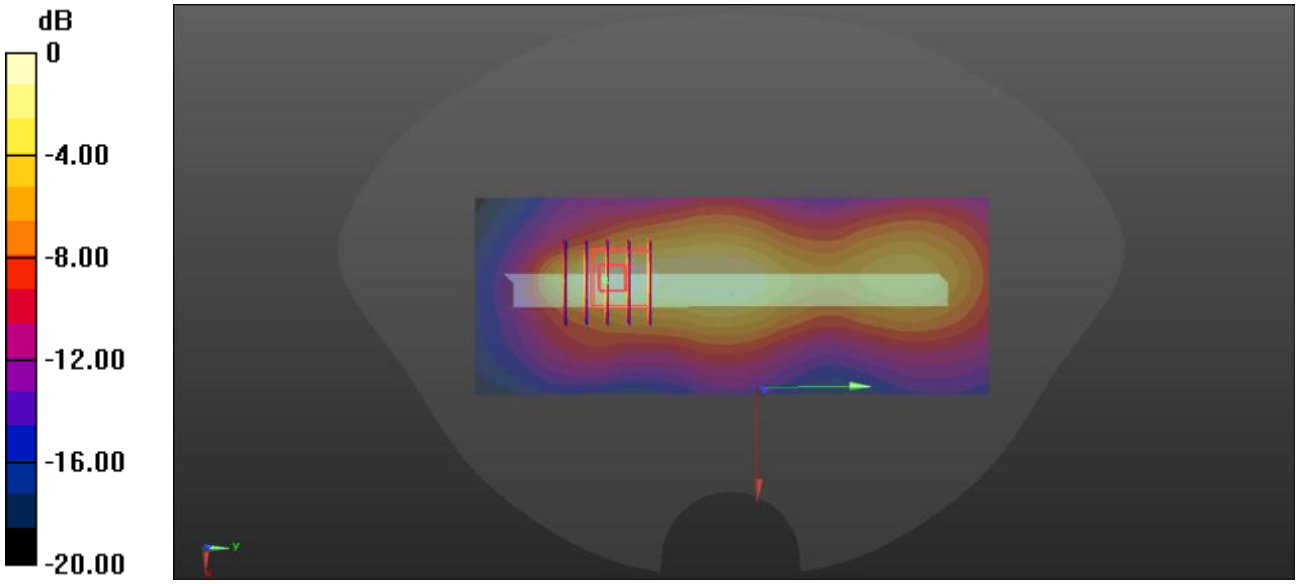
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.38 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg

Meas.10 Right Head with Cheek on Middle Channel in WCDMA Band4 mode with Antenna4

Date: 2022.01.06

Communication System Band: IV; Frequency: 1732.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.332 S/m; ε_r = 40.499; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.5 Liquid Temperature:22.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1412/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.802 W/kg

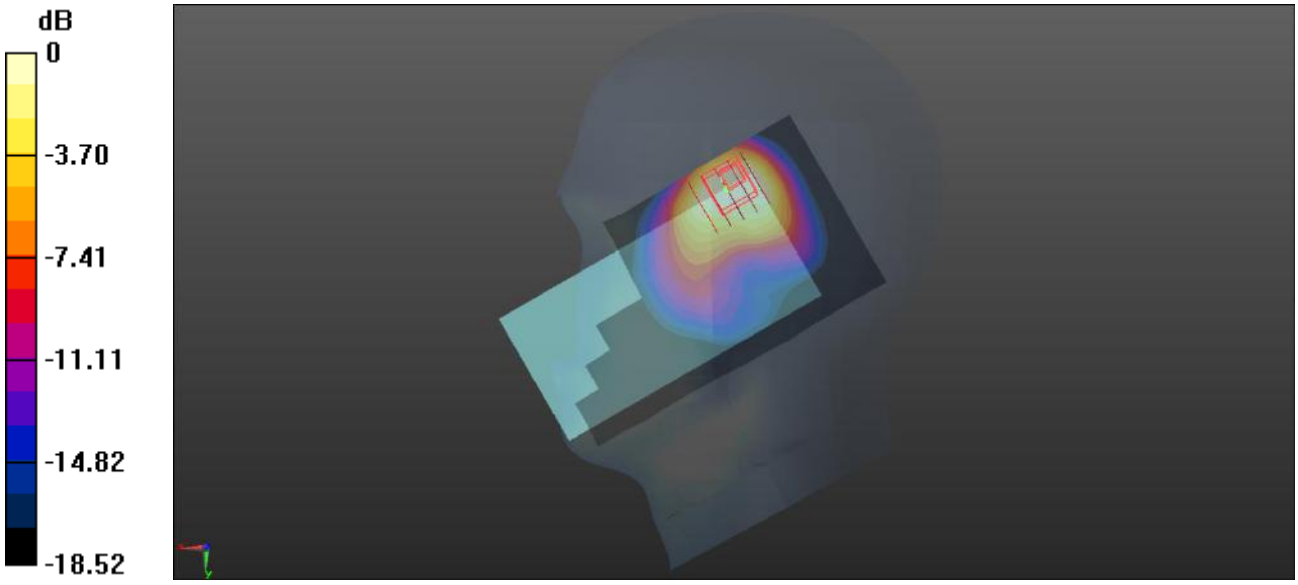
Ch1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.285 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg

Meas.11 Body Plane with Front Side 15mm on Low Channel in WCDMA Band4 mode with Antenna 4

Date: 2022.01.06

Communication System Band: IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.319 S/m; ε_r = 40.703; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:22.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

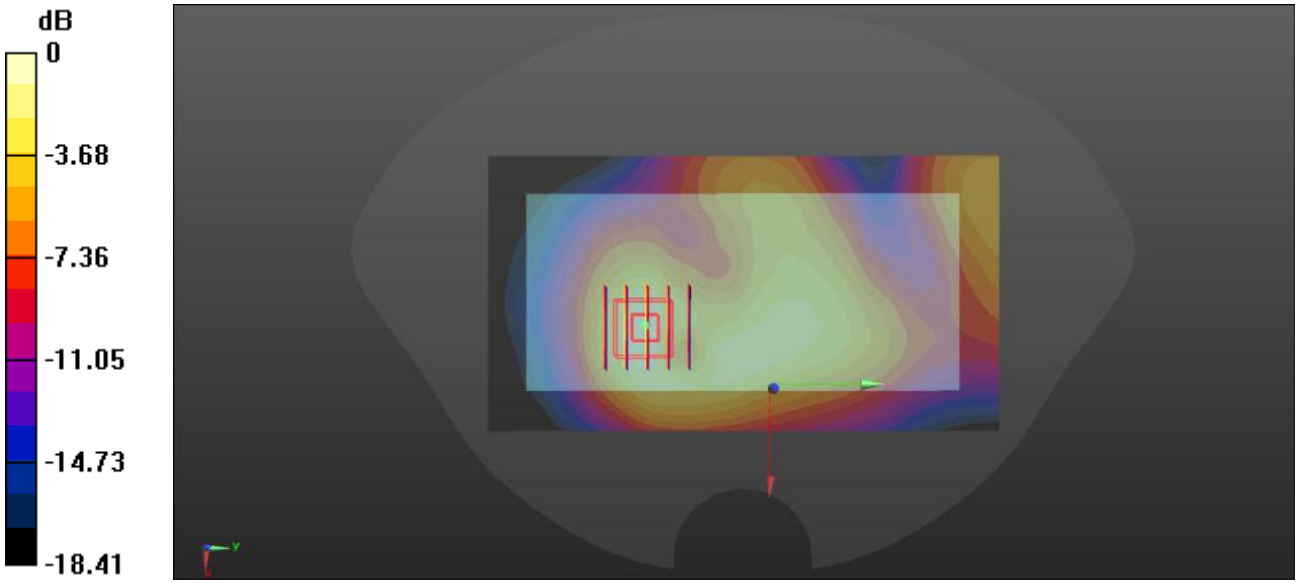
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.498 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg

Meas.12 Body Plane with Right Edge 10mm on Low Channel in WCDMA Band4 mode with Antenna 4

Date: 2022.01.06

Communication System Band: IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.319 S/m; ε_r = 40.703; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:22.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.766 W/kg

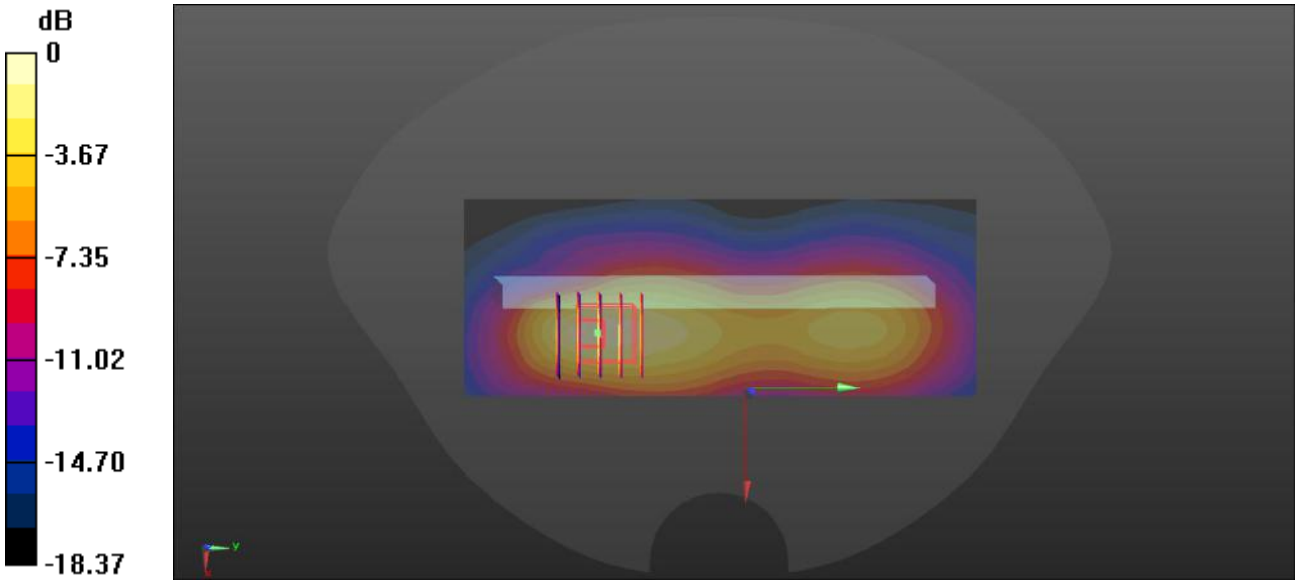
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.16 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg

Meas.13 Right Head with Cheek on Middle Channel in WCDMA Band5 mode with Antenna2

Date: 2021.12.30

Communication System Band: V; Frequency: 836.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.921 S/m; ε_r = 41.579; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.4 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.372 W/kg

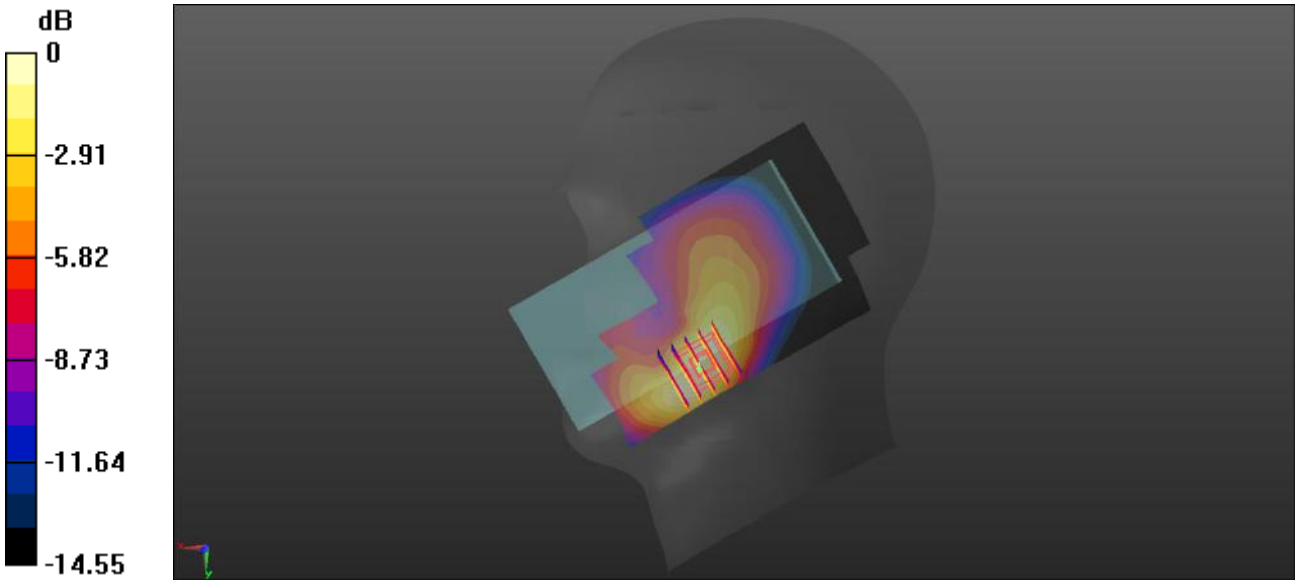
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.473 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg

Meas.14 Body Plane with Back Side 15mm on Low Channel in WCDMA Band5 mode with Antenna1

Date: 2021.12.30

Communication System Band: V; Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.916 S/m; ε_r = 41.924; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.289 W/kg

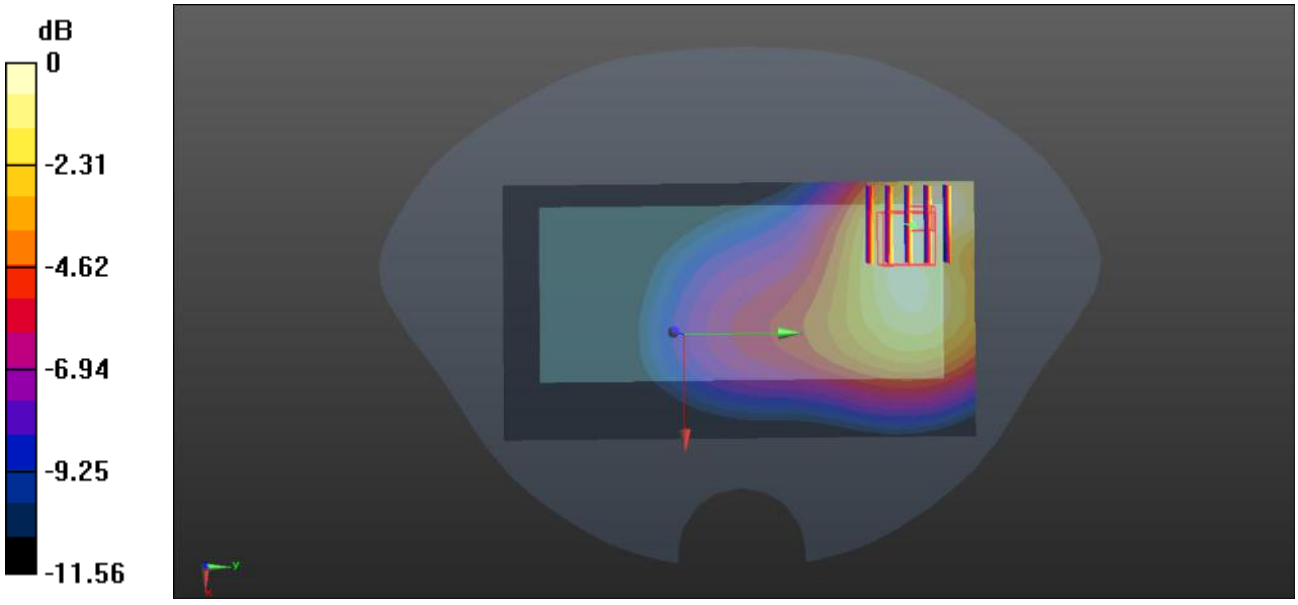
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.778 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg

Meas.15 Body Plane with Left Edge 10mm on Middle Channel in WCDMA Band5 mode with Antenna 2

Date: 2021.12.30

Communication System Band: V; Frequency: 836.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.921 S/m; ε_r = 41.579; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.893 W/kg

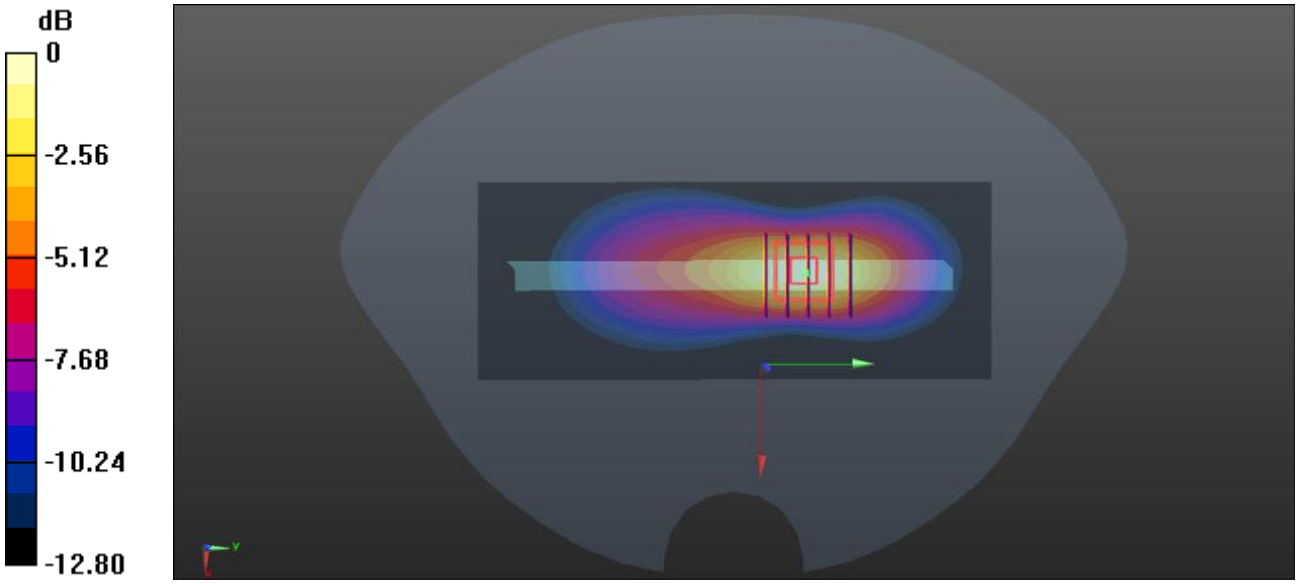
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.20 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 0.892 W/kg



0 dB = 0.892 W/kg

Meas.16 Right Head with Cheek on Middle Channel in CDMA mode with Antenna2

Date: 2021.12.31

Communication System Band: CDMA BC0; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 848.31 MHz; σ = 0.934 S/m; ε_r = 41.343; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.7 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.390 W/kg

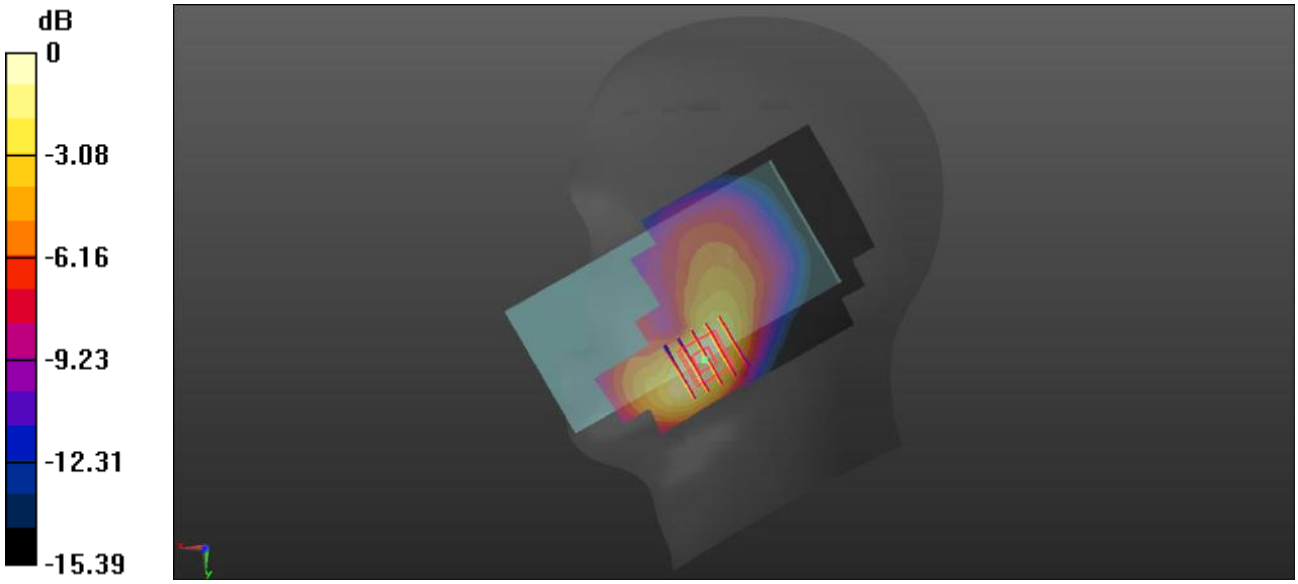
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.103 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.412 W/kg

Meas.17 Body Plane with Back Side 15mm on Middle Channel in CDMA mode with Antenna1

Date: 2021.12.31

Communication System Band: CDMA BC0; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.921 S/m; ε_r = 41.467; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.7 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.266 W/kg

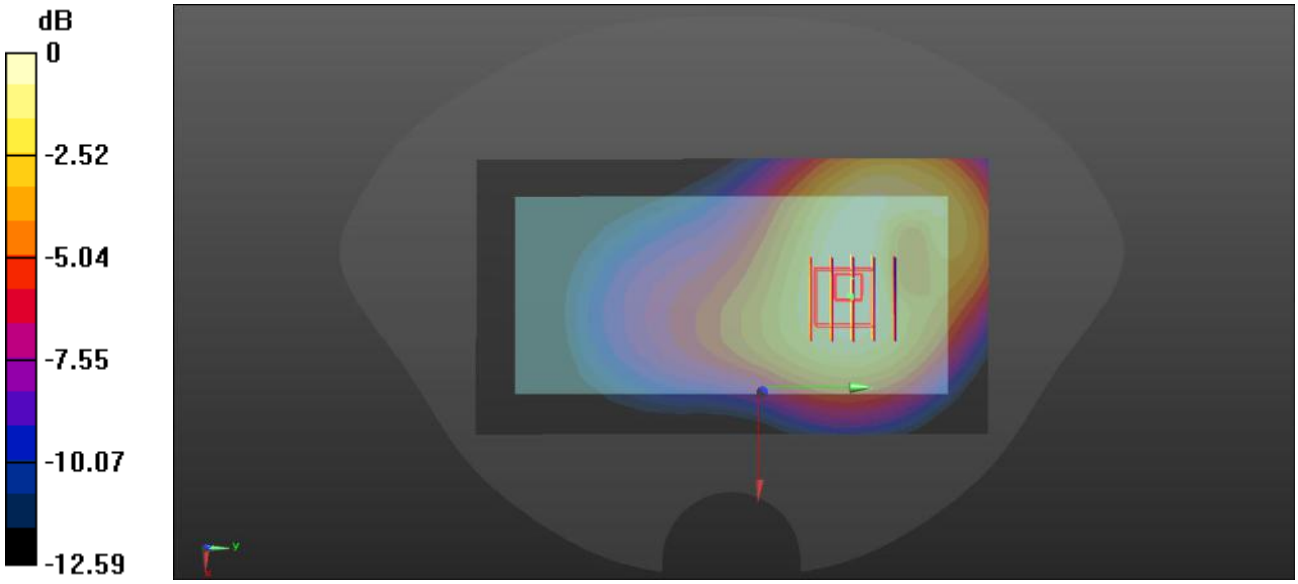
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.626 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.267 W/kg

Meas.18 Body Plane with Left Edge 10mm on High Channel in CDMA mode with Antenna 2

Date: 2021.12.31

Communication System Band: CDMA BC0; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 848.31 MHz; σ = 0.934 S/m; ε_r = 41.343; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.7 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

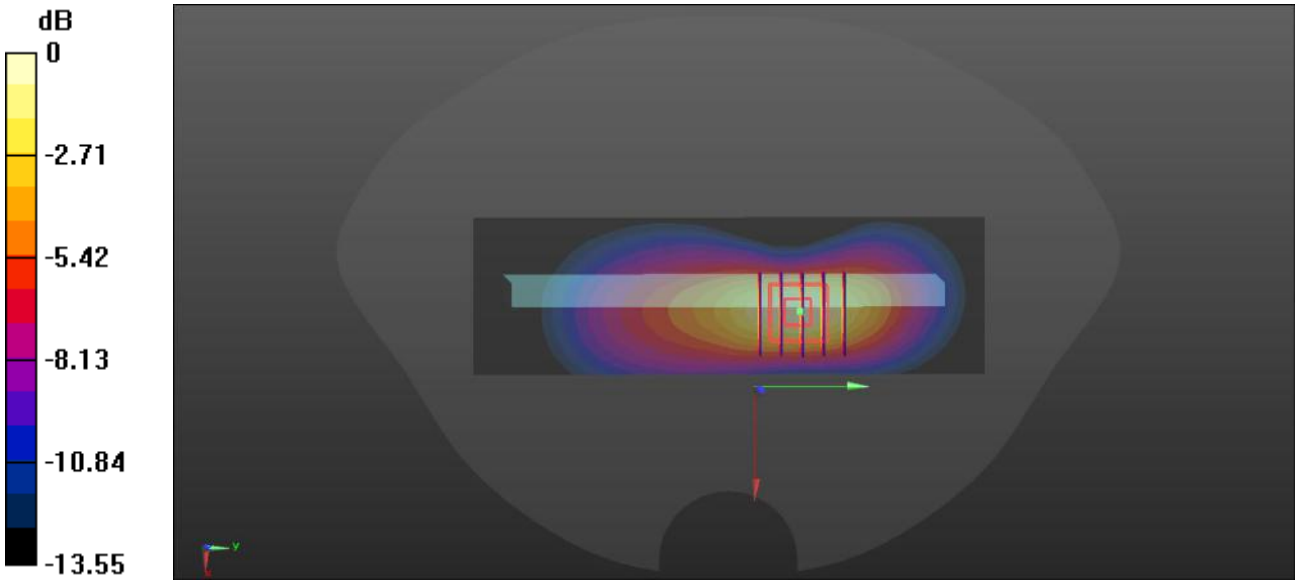
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.56 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 0.716 W/kg



0 dB = 0.716 W/kg

Meas.19 Right Head with Cheek on High Channel in LTE Band2 mode with Antenna4

Date: 2022.01.11

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz; σ = 1.376 S/m; ε_r = 39.854; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

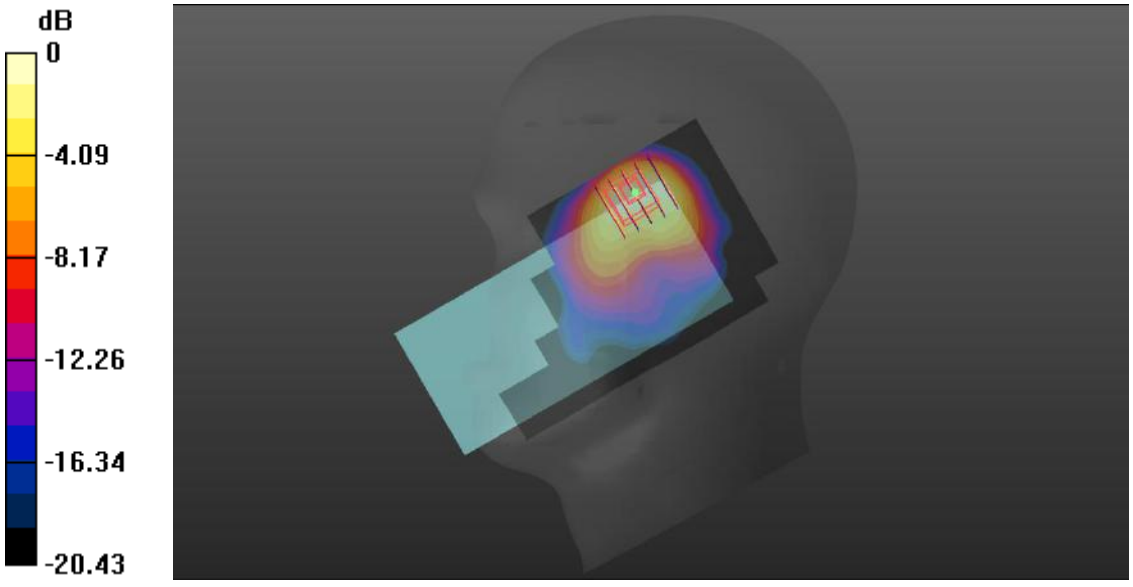
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.88 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 0.936 W/kg



0 dB = 0.936 W/kg

Meas.20 Body Plane with Front Side 15mm on Middle Channel in LTE Band2 mode with Antenna4

Date: 2022.01.11

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.375 S/m; ε_r = 40.095; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

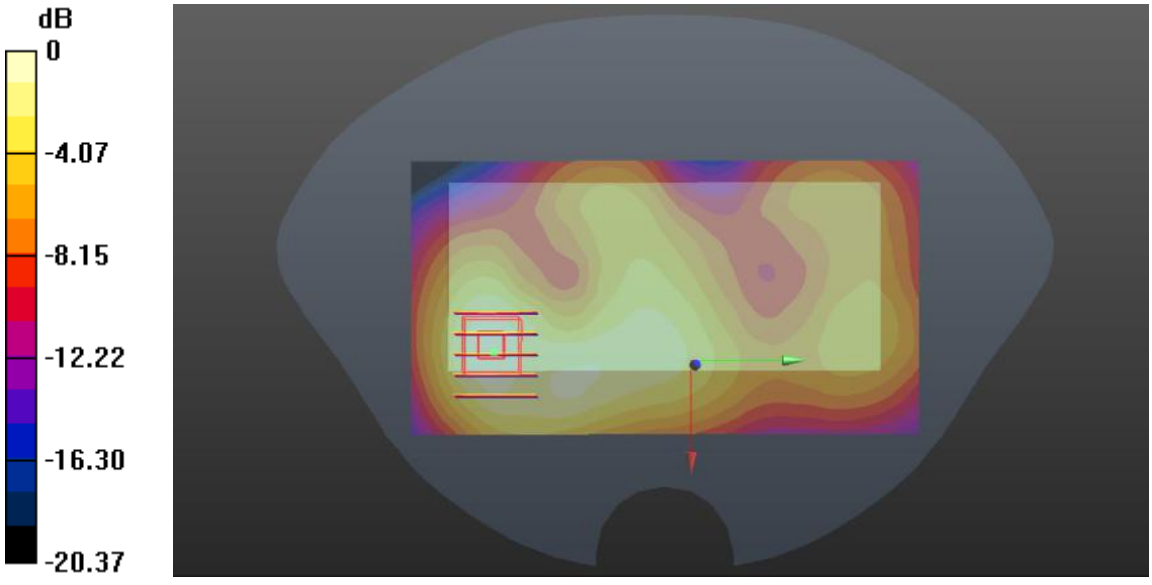
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.658 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.227 W/kg

Meas.21 Body Plane with Right Edge 10mm on Middle Channel in LTE Band2 mode with Antenna4

Date: 2022.01.11

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.375 S/m; ε_r = 40.095; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.31, 8.31, 8.31); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.563 W/kg

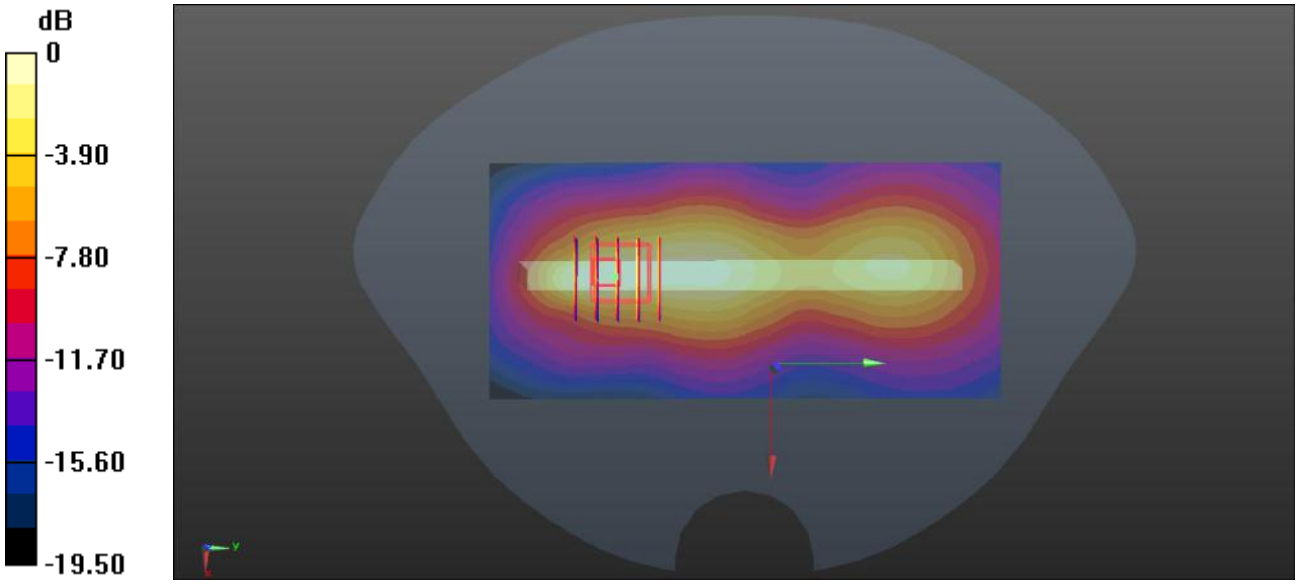
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.566 W/kg

Meas.22 Right Head with Cheek on Middle Channel in LTE Band4 mode with Antenna4

Date: 2022.01.07

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.342 S/m; ε_r = 39.894; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.918 W/kg

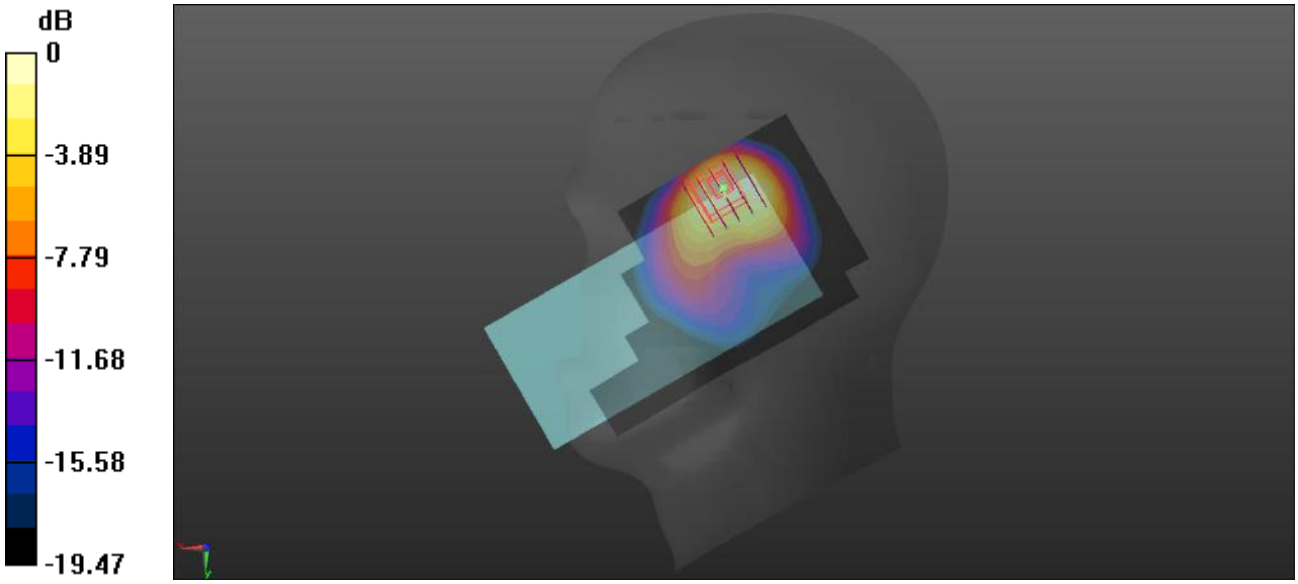
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.090 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



0 dB = 0.733 W/kg

Meas.23 Body Plane with Front Side 15mm on High Channel in LTE Band4 mode with Antenna 2

Date: 2022.01.07

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1745 MHz; σ = 1.352 S/m; ε_r = 39.695; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.224 W/kg

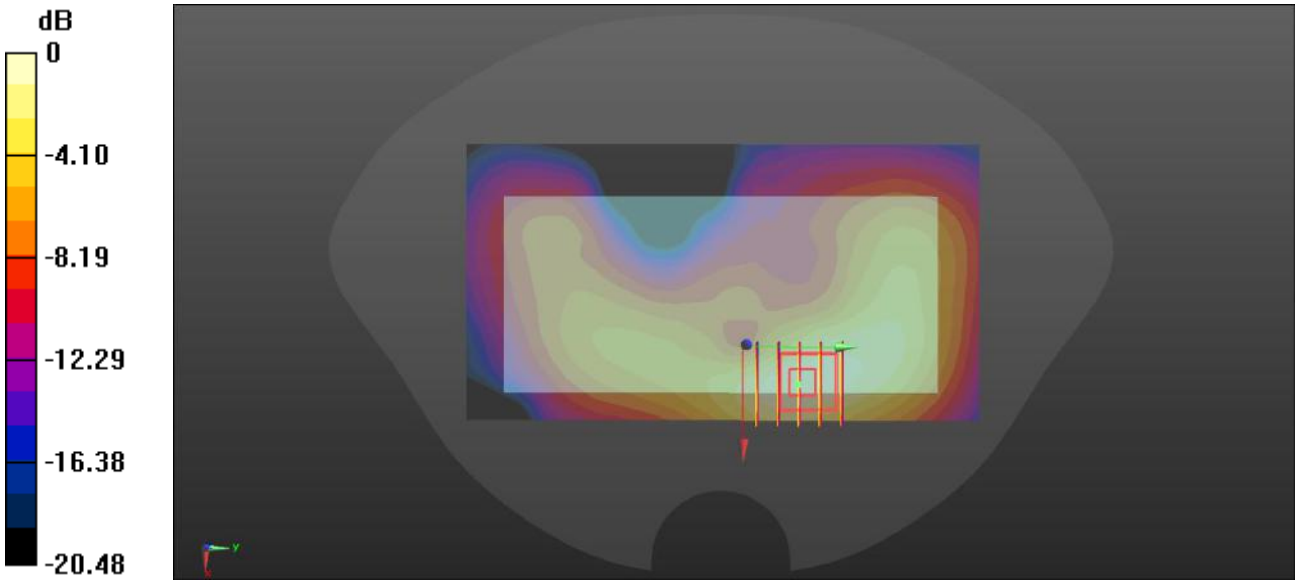
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.023 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg

Meas.24 Body Plane with Left Edge 10mm on High Channel in LTE Band4 mode with Antenna 2

Date: 2022.01.07

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1745 MHz; σ = 1.352 S/m; ε_r = 39.695; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.54, 8.54, 8.54); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.667 W/kg

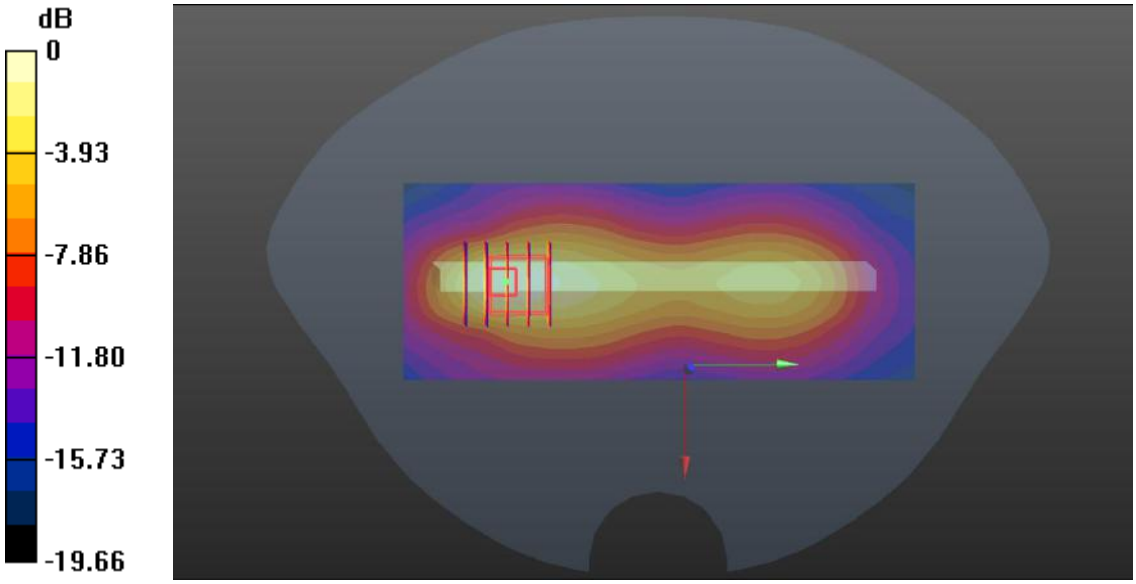
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.43 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678 W/kg

Meas.25 Right Head with Cheek on High Channel in LTE Band5 mode with Antenna2

Date: 2022.01.04

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 844 MHz; σ = 0.941 S/m; ε_r = 40.347; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.421 W/kg

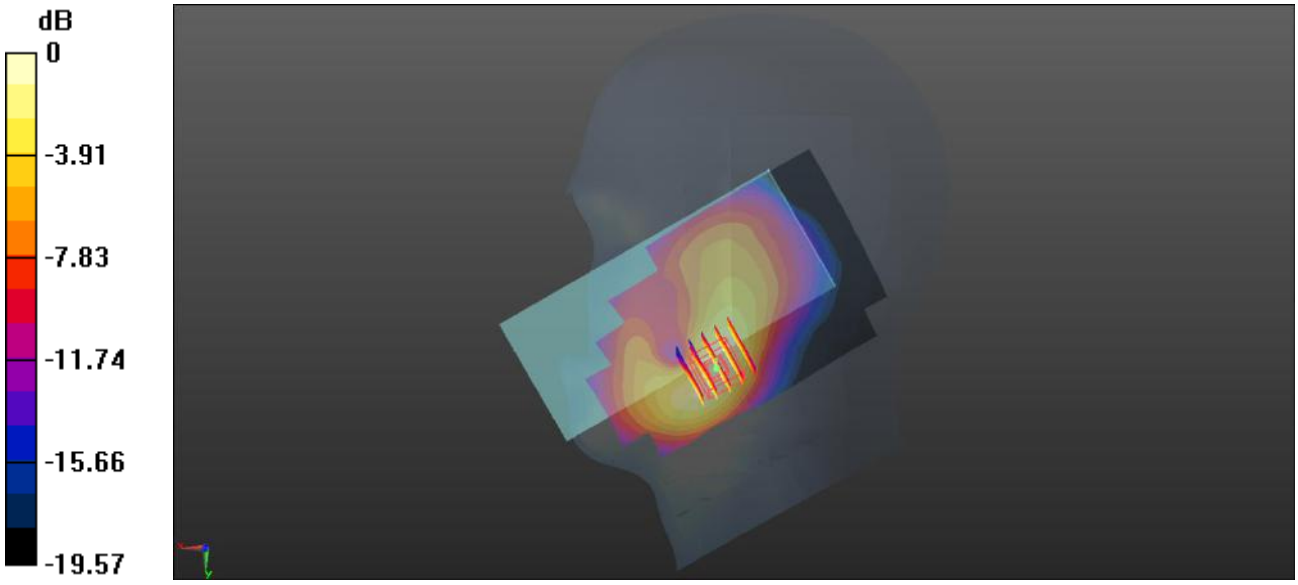
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.086 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.406 W/kg



0 dB = 0.406 W/kg

Meas.26 Body Plane with Back Side 15mm on High Channel in LTE B5 mode with Antenna2

Date: 2022.01.04

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 844 MHz; σ = 0.941 S/m; ε_r = 40.347; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.253 W/kg

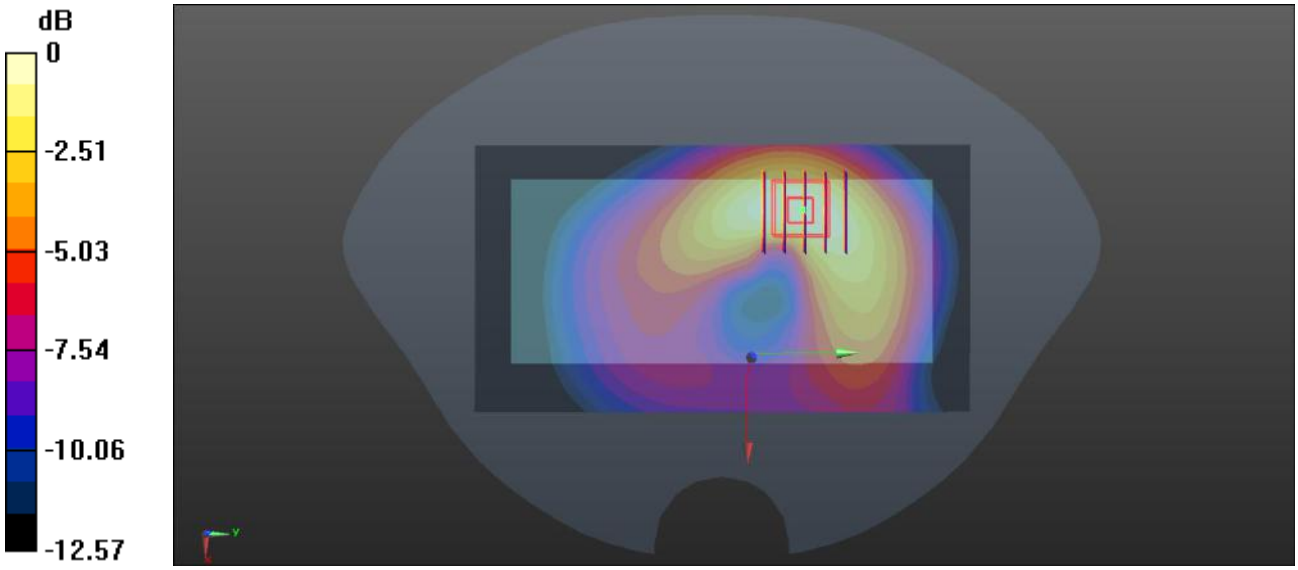
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.264 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg

Meas.27 Body Plane with Left Edge 10mm on High Channel in LTE Band5 mode with Antenna 2

Date: 2022.01.04

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 844 MHz; σ = 0.941 S/m; ε_r = 40.347; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.756 W/kg

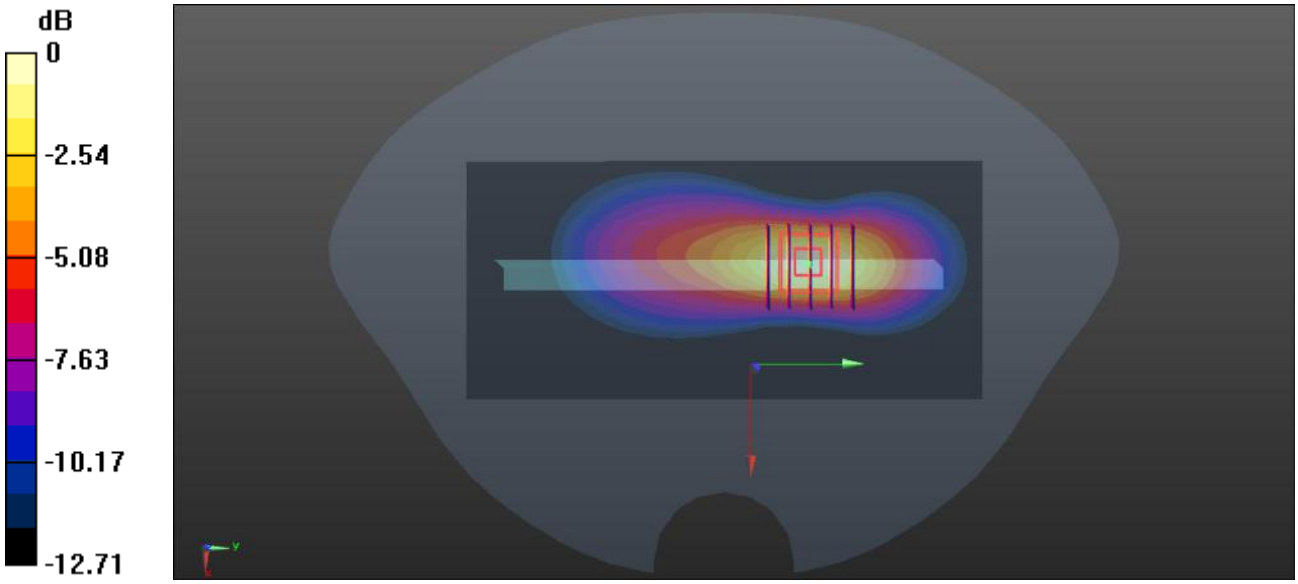
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.70 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg

Meas.28 Right Head with Cheek on Middle Channel in LTE Band7 mode with Antenna2

Date: 2022.01.13

Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2535 MHz; σ = 1.845 S/m; ε_r = 40.176; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.1 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

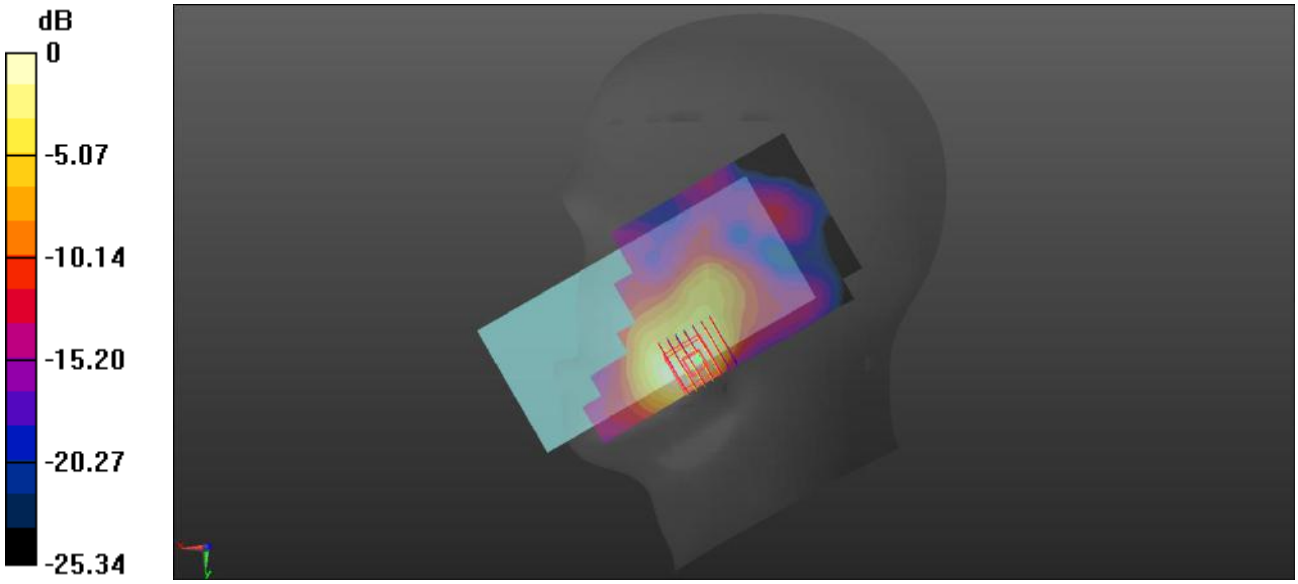
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.240 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



0 dB = 0.992 W/kg

Meas29 Body Plane with Front Side 15mm on High Channel in LTE Band7 mode with Antenna 2

Date: 2022.01.05

Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2560 MHz; σ = 1.871 S/m; ε_r = 39.935; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

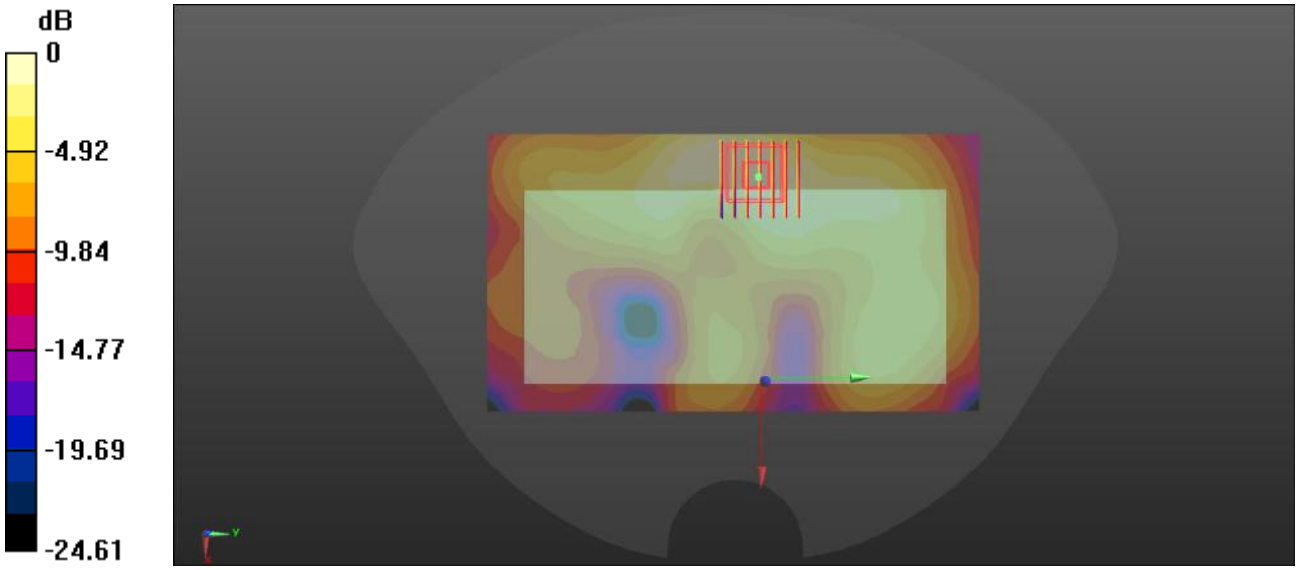
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.574 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg

Meas.30 Body Plane with Left Edge 10mm on Middle Channel in LTE Band7 mode with Antenna 2

Date: 2022.01.14

Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2535 MHz; σ = 1.862 S/m; ε_r = 39.617; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.832 W/kg

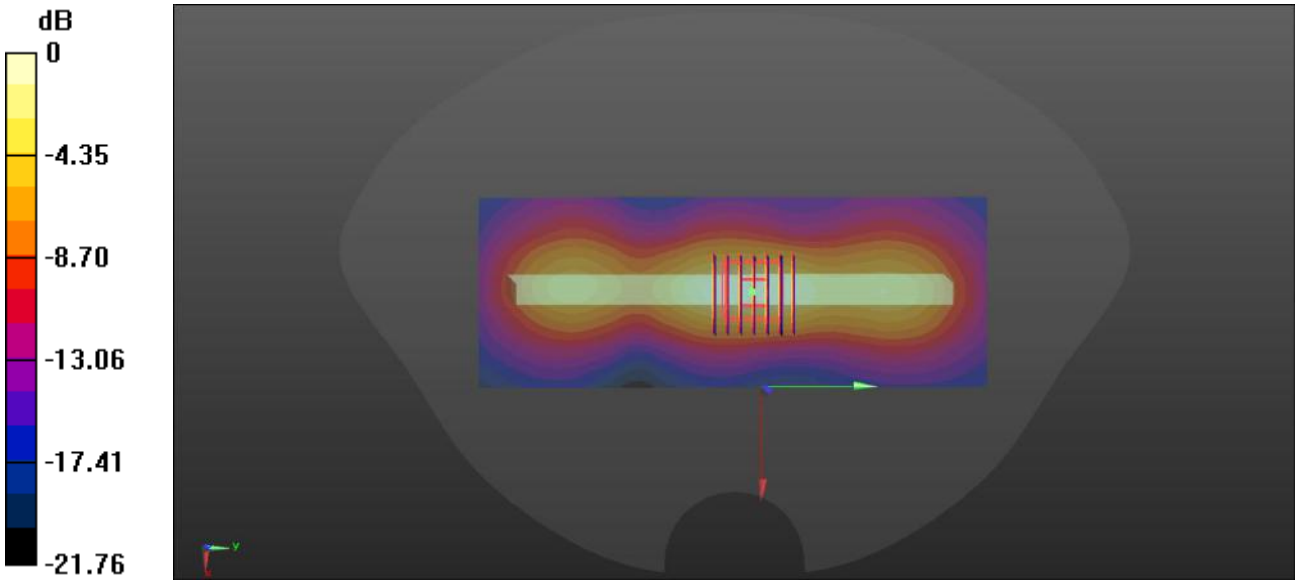
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.53 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg

Meas.31 Body Plane with Right Edge 0mm on Middle Channel in LTE Band7 mode with Antenna 4

Date: 2022.01.14

Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2535 MHz; σ = 1.862 S/m; ε_r = 39.617; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.83 W/kg

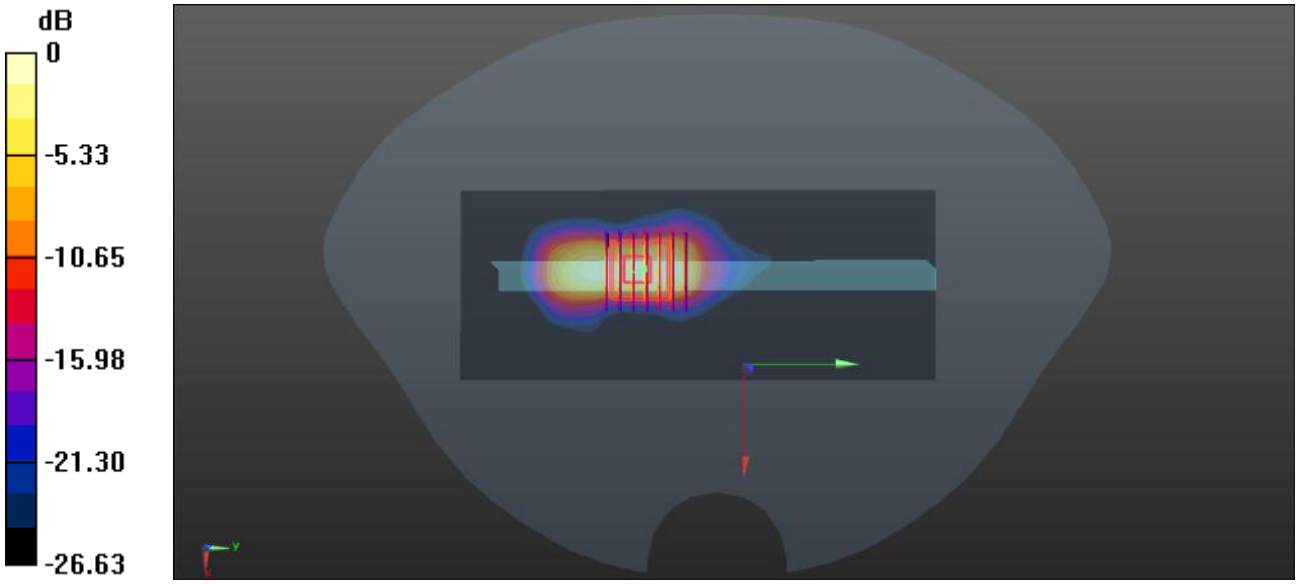
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.382 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.43 W/kg

Maximum value of SAR (measured) = 4.72 W/kg



0 dB = 4.72 W/kg

Meas.32 Right Head with Cheek on Low Channel in LTE Band12 mode with Antenna2

Date: 2021.12.28

Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 704 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 704 MHz; σ = 0.874 S/m; ε_r = 41.475; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.258 W/kg

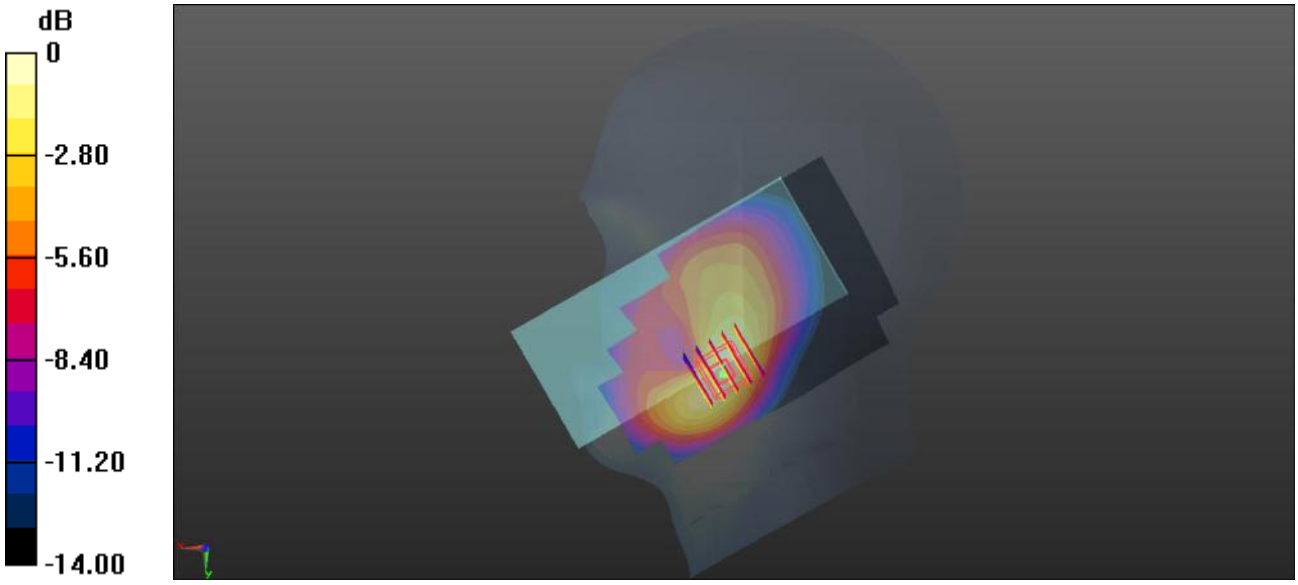
Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.984 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg

Meas.33 Body Plane with Back Side 15mm on Low Channel in LTE Band12 mode with Antenna 1

Date: 2021.12.28

Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 704 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 704 MHz; σ = 0.874 S/m; ε_r = 41.475; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.196 W/kg

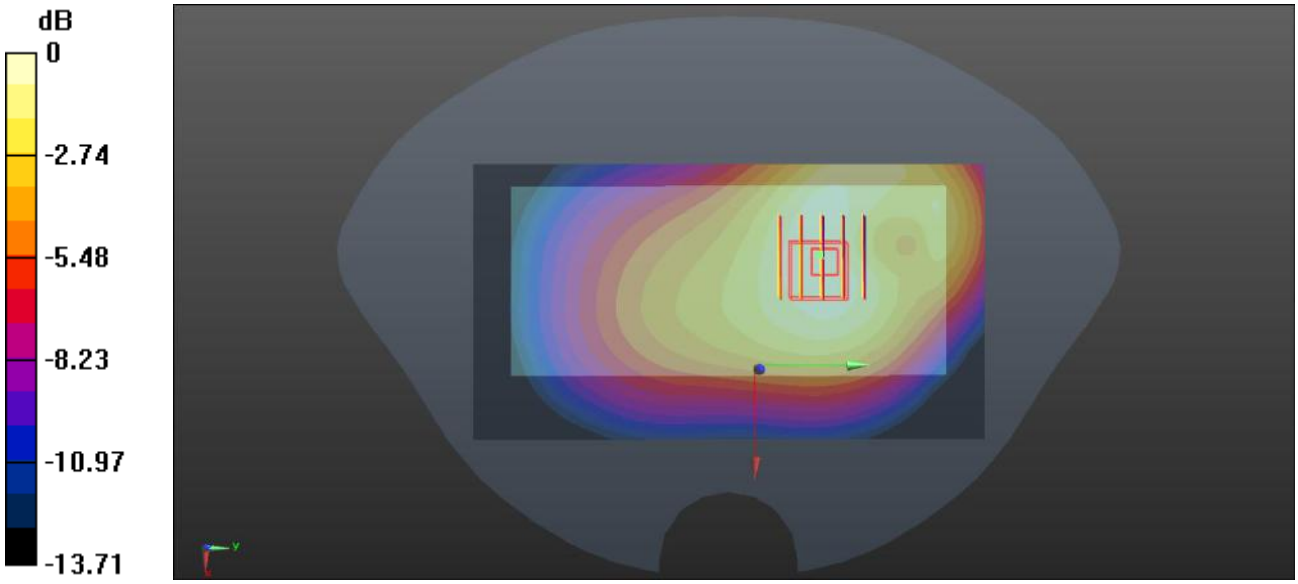
Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.01 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg

Meas.34 Body Plane with Left Edge 10mm on Low Channel in LTE Band12 mode with Antenna 2

Date: 2021.12.28

Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 704 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 704 MHz; σ = 0.874 S/m; ε_r = 41.475; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.454 W/kg

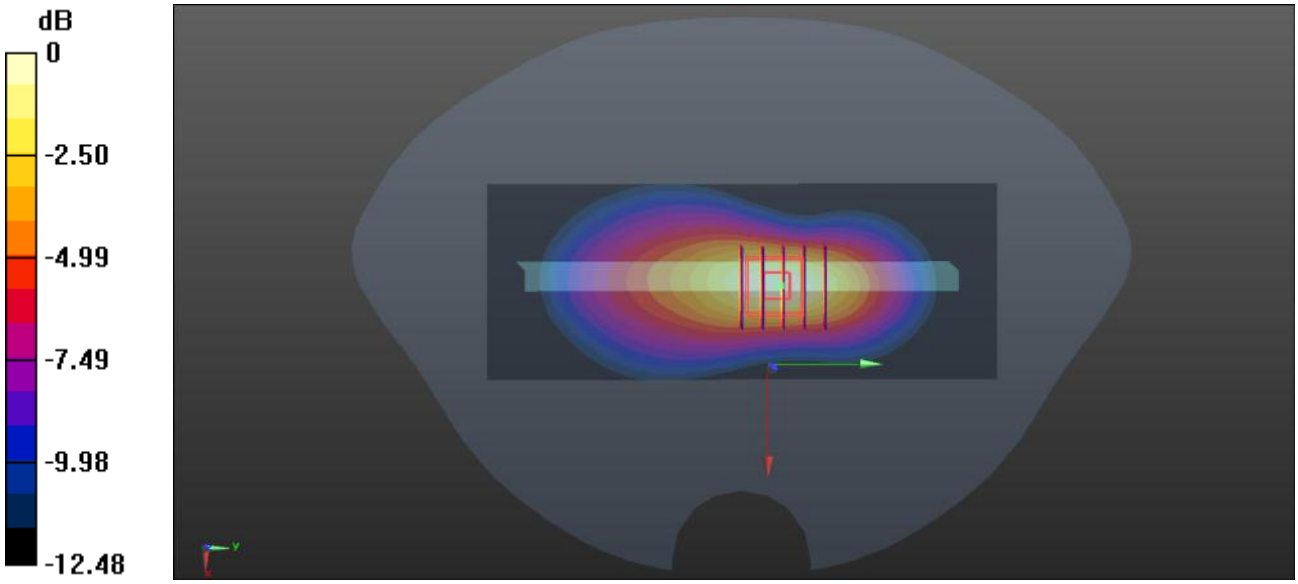
Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.07 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.452 W/kg

Meas.35 Right Head with Cheek on Low Channel in LTE Band17 mode with Antenna2

Date: 2021.12.29

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 709 MHz; σ = 0.907 S/m; ε_r = 41.694; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.145 W/kg

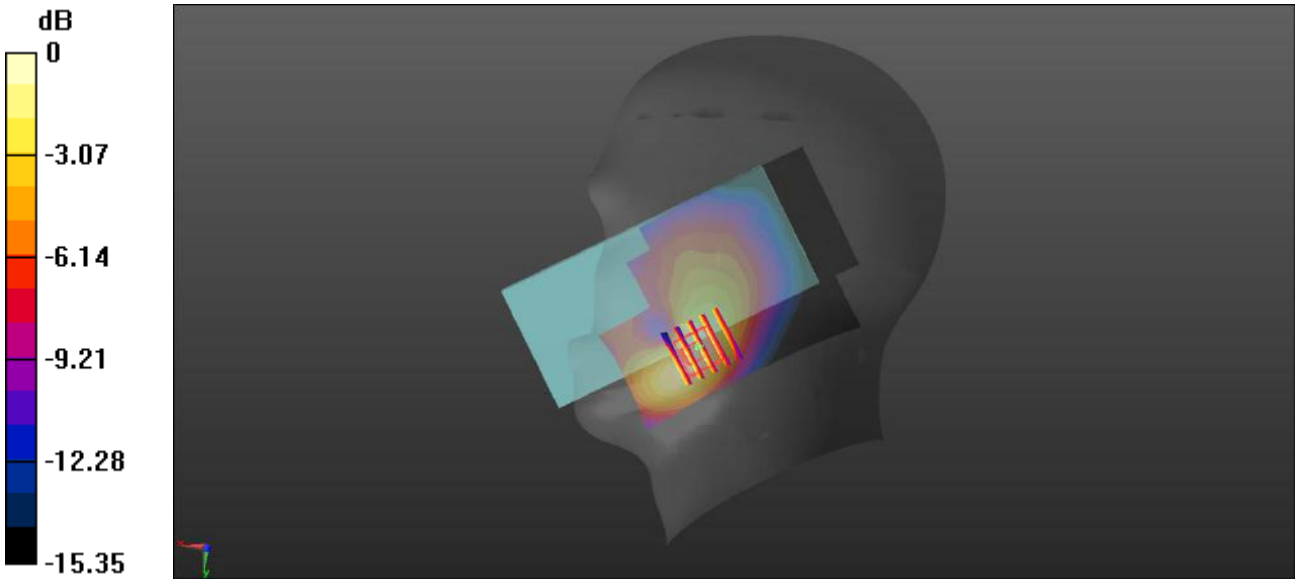
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.026 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg

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

Date: 2021.12.29

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 709 MHz; σ = 0.907 S/m; ε_r = 41.694; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.196 W/kg

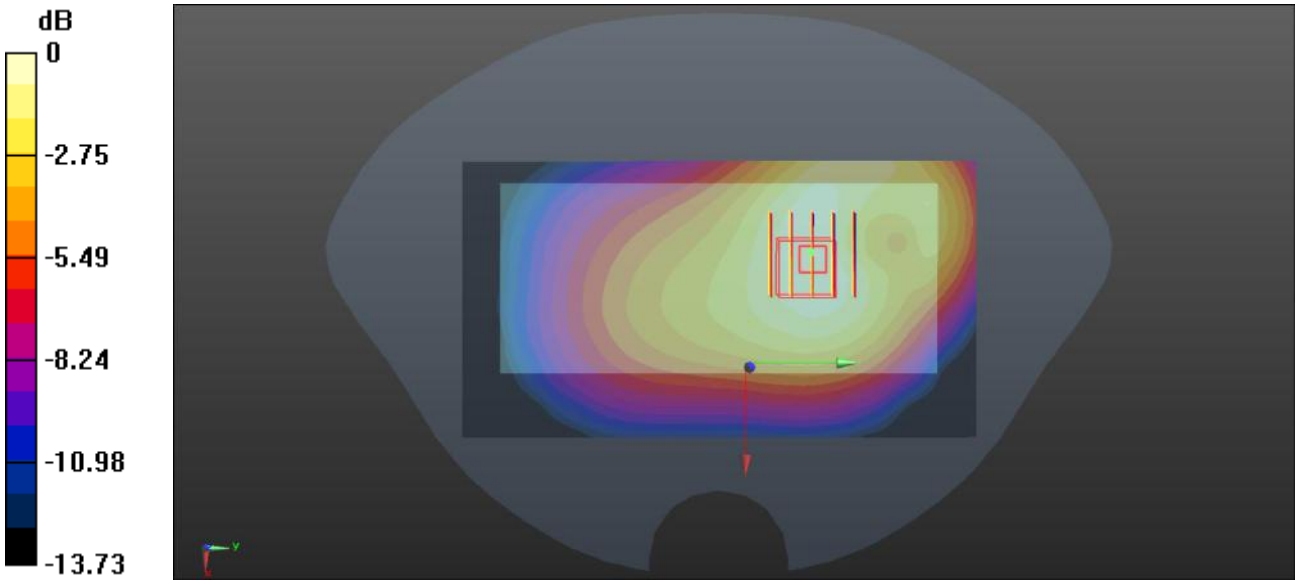
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.97 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg

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

Date: 2021.12.29

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 709 MHz; σ = 0.907 S/m; ε_r = 41.694; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.73, 10.73, 10.73); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

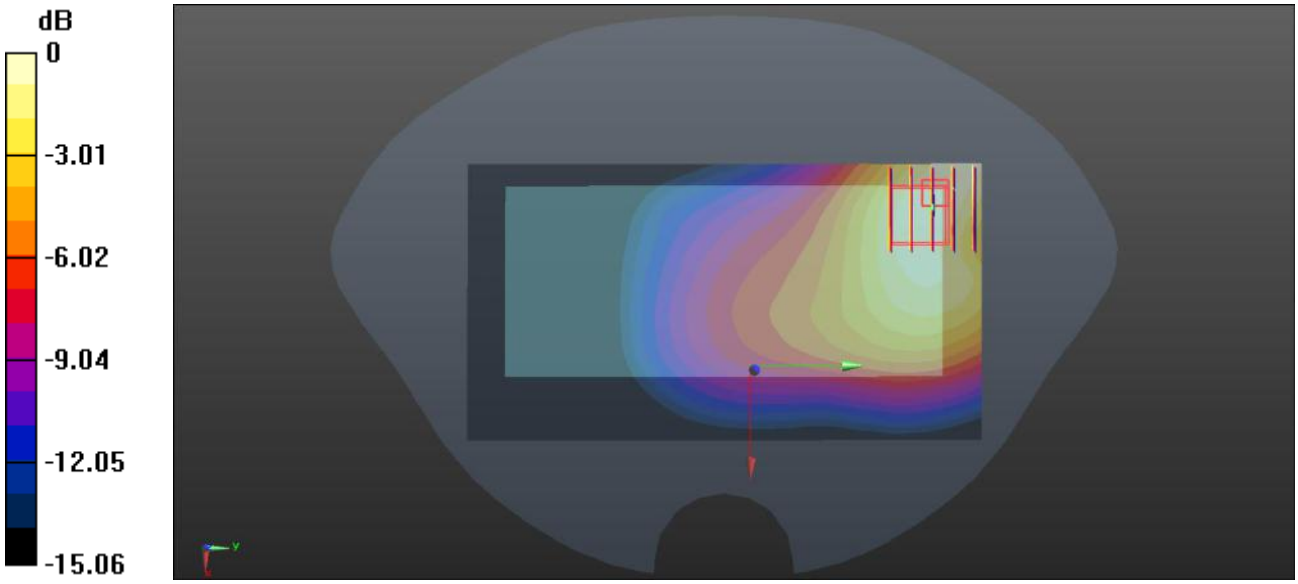
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.035 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg

Meas.38 Right Head with Cheek on Middle Channel in LTE Band26 mode with Antenna2

Date: 2022.01.05

Communication System Band: Band 26; Frequency: 841.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.938 S/m; ε_r = 39.957; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.4 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26965 /Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.349 W/kg

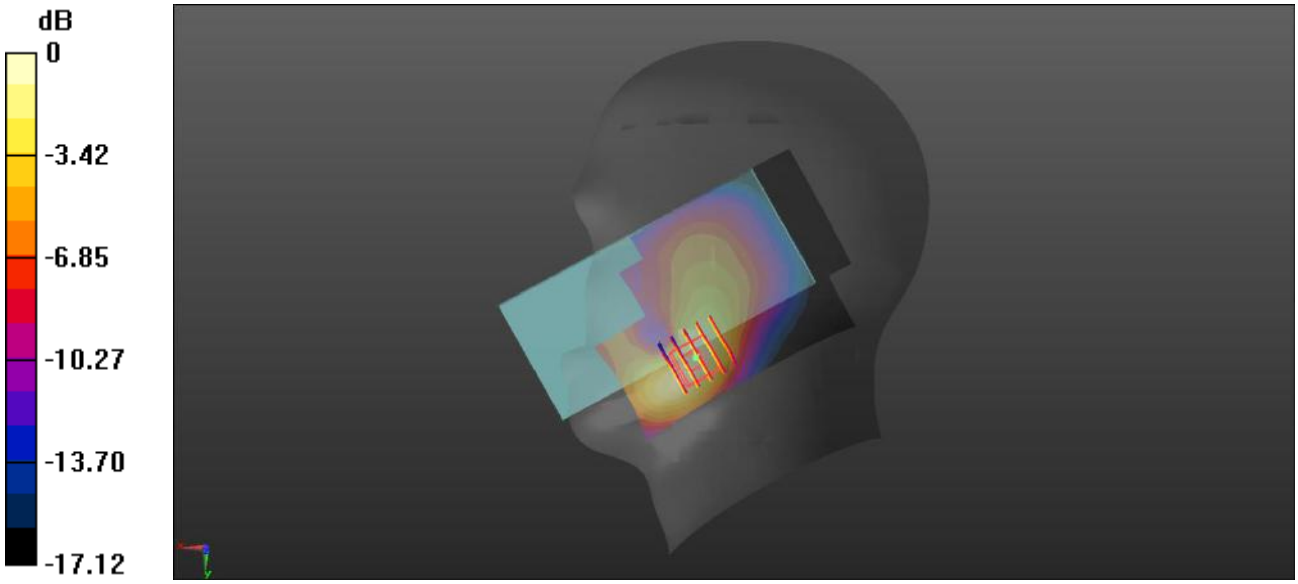
Ch26965 /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.375 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg

Meas.39 Body Plane with Front Side 15mm on Low Channel in LTE Band26 mode with Antenna 1

Date: 2022.01.05

Communication System Band: Band 26; Frequency: 821.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.931 S/m; ε_r = 40.357; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26765/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.239 W/kg

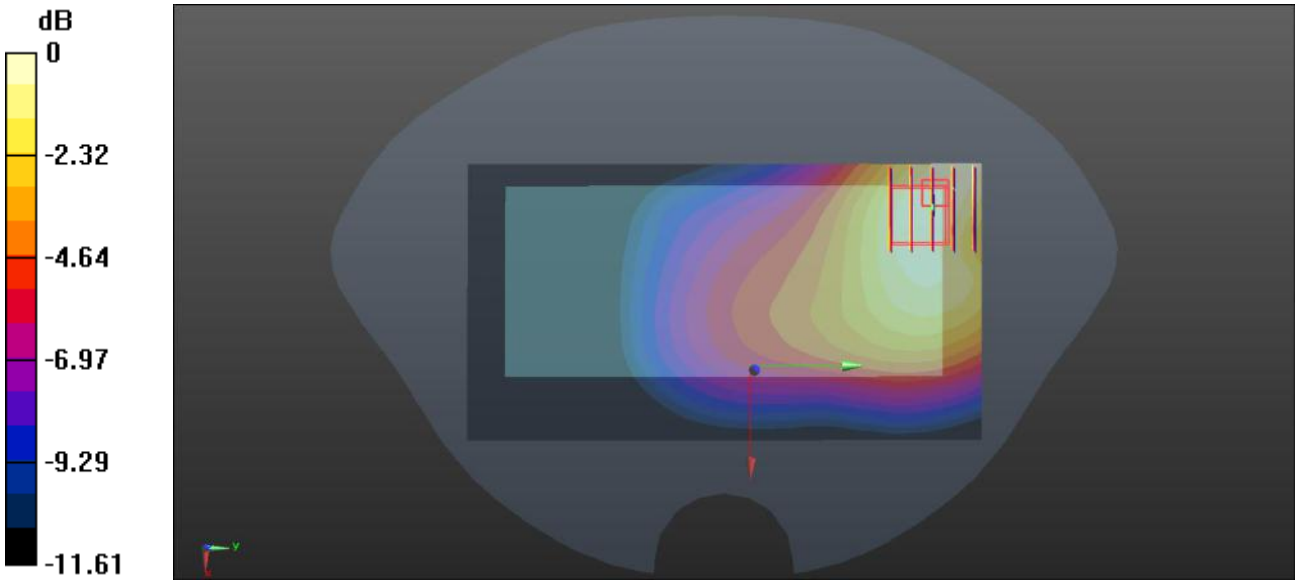
Ch26765/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.198 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.139 W/kg.

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg

Meas.40 Body Plane with Left Edge 10mm on High Channel in LTE Band26 mode with Antenna 2

Date: 2022.01.05

Communication System Band: Band 26; Frequency: 841.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.938 S/m; ε_r = 39.957; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26965/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.778 W/kg

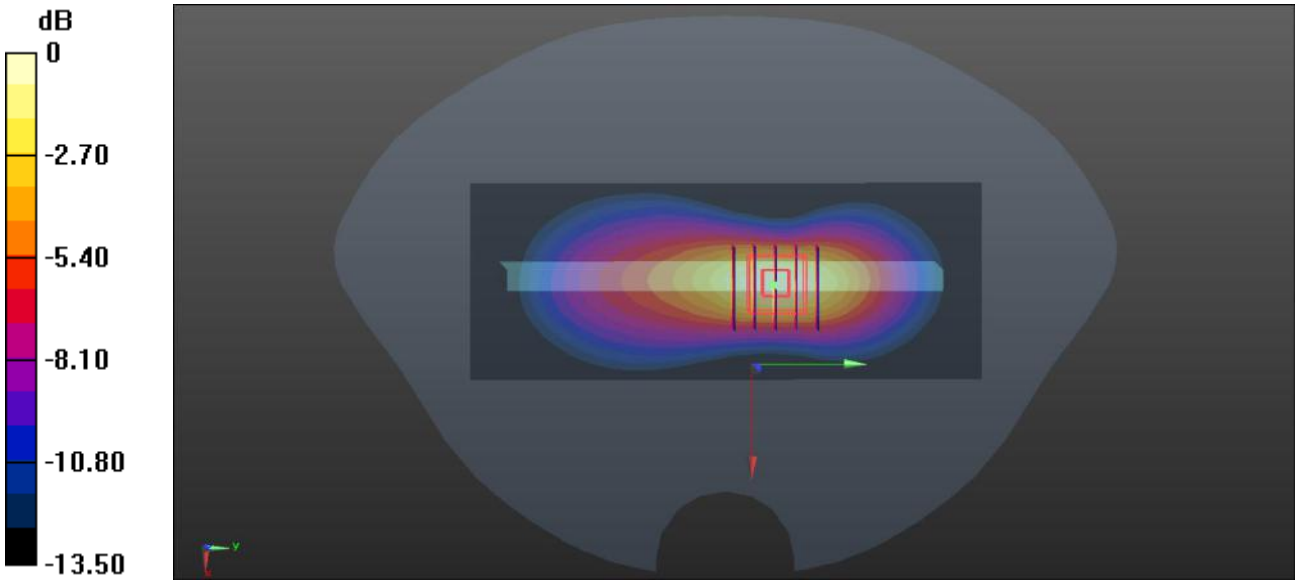
Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.51 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.761 W/kg



0 dB = 0.761 W/kg

Meas.41 Right Head with Cheek on High Channel in LTE Band38 mode with Antenna4

Date: 2022.01.17

Communication System Band: Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz); Frequency: 2610 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2610 MHz; σ = 1.966 S/m; ε_r = 38.637; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.6 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.645 W/kg

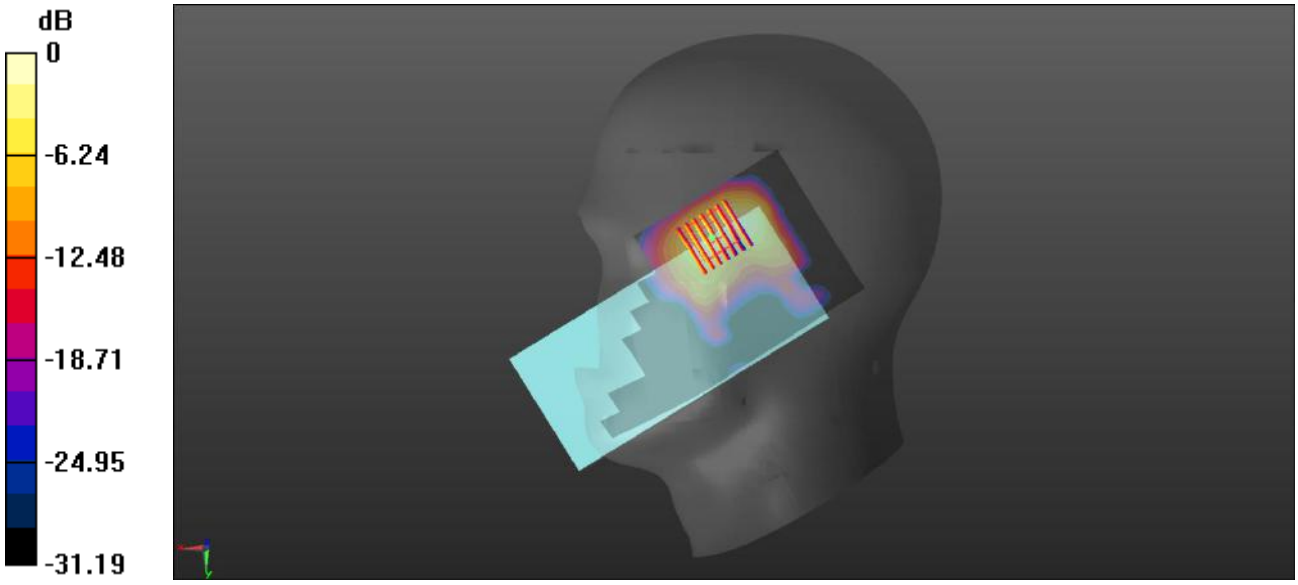
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.218 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg

Meas.42 Body Plane with Front Side 15mm on High Channel in LTE Band38 mode with Antenna 4

Date: 2022.01.17

Communication System Band: Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz); Frequency: 2610 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2610 MHz; σ = 1.966 S/m; ε_r = 38.637; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

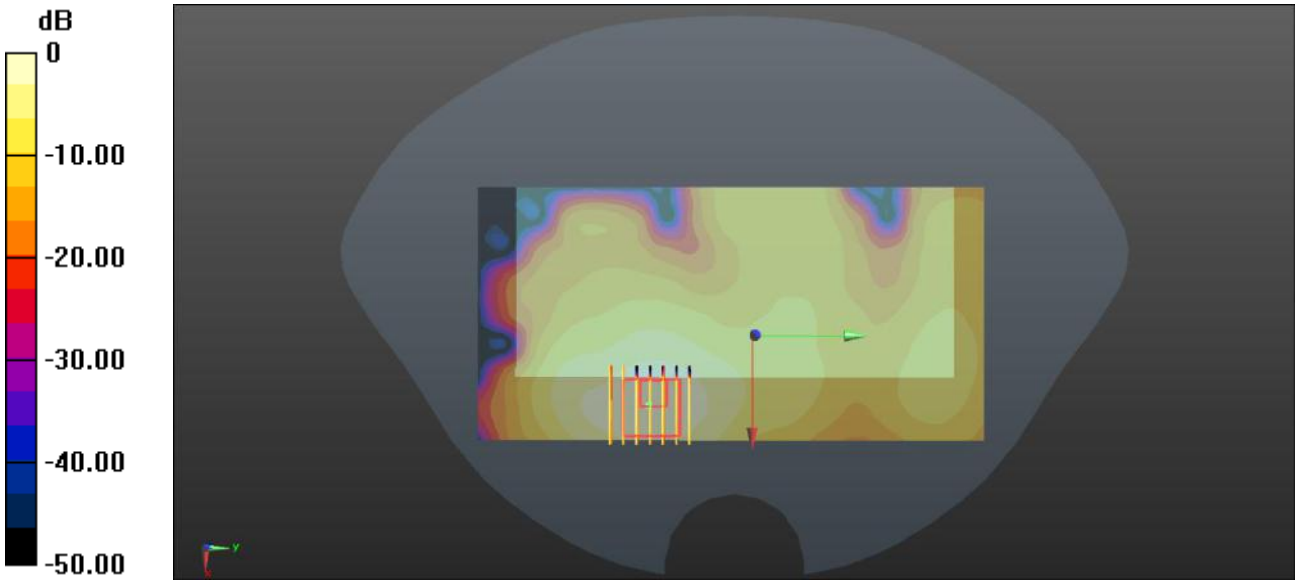
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.986 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg

Meas.43 Body Plane with Right Edge 10mm on High Channel in LTE B38 mode with Antenna4

Date: 2022.01.17

Communication System Band: Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz); Frequency: 2610 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2610 MHz; σ = 1.966 S/m; ε_r = 38.637; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.700 W/kg

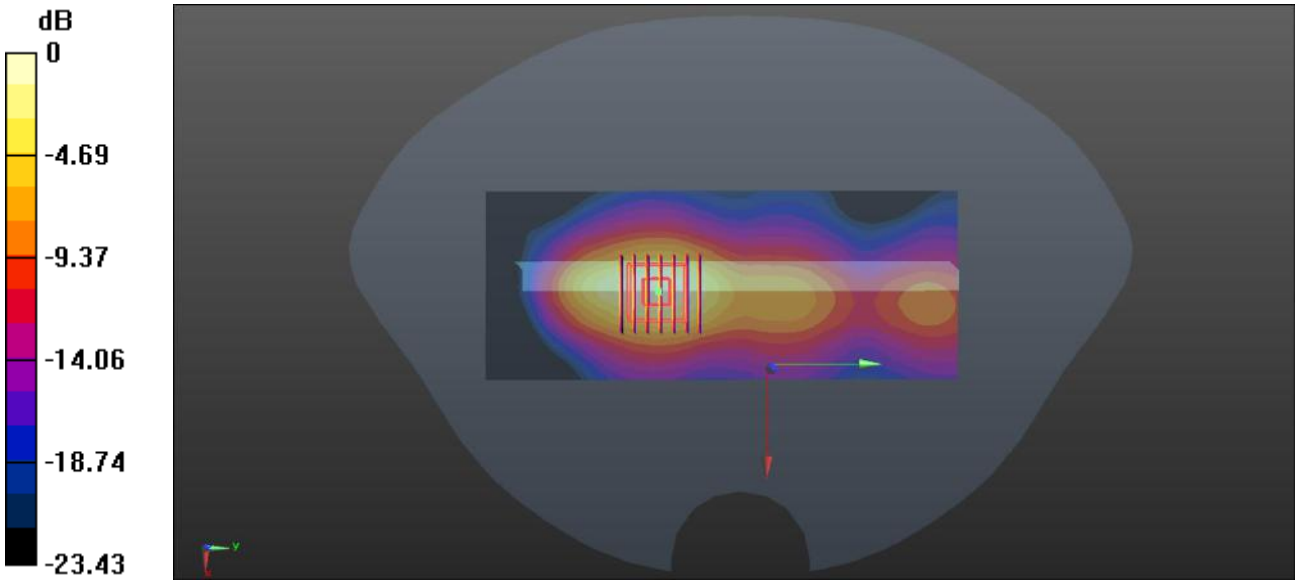
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.485 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.664 W/kg



0 dB = 0.664 W/kg

Meas.44 Right Head with Cheek on Low Channel in LTE Band41 mode with Antenna4

Date: 2022.01.18

Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2506 MHz; σ = 1.967 S/m; ε_r = 38.367; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.930 W/kg

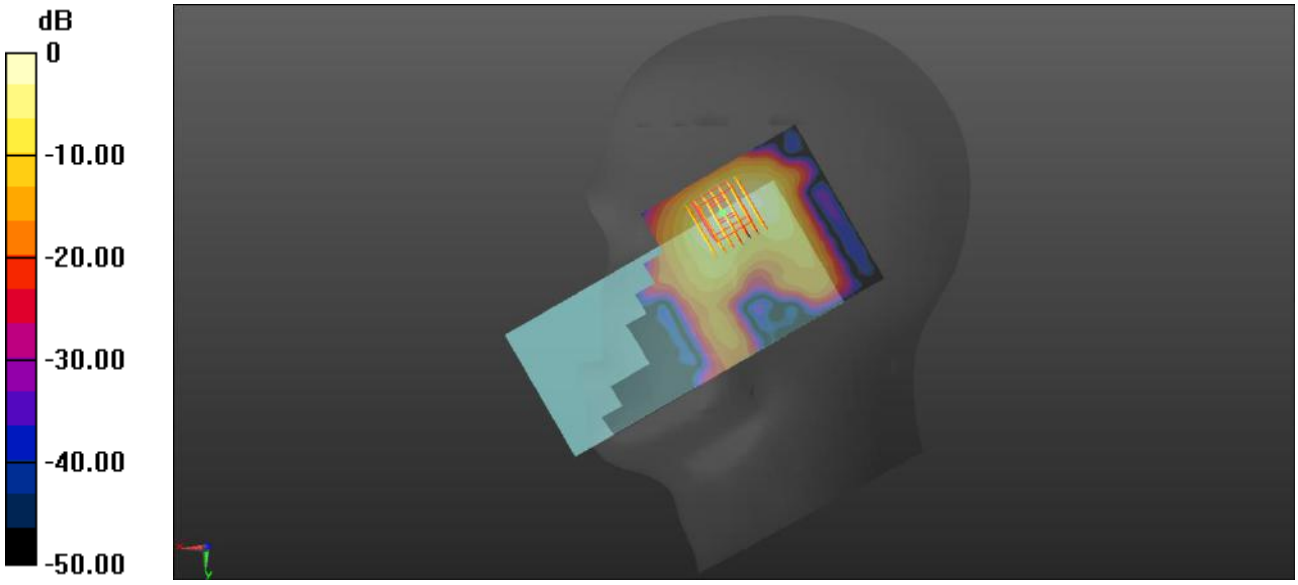
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.666 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

Meas.45 Body Plane with Front Side 15mm on Low Channel in LTE Band41 mode with Antenna 4

Date: 2022.01.18

Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2506 MHz; σ = 1.967 S/m; ε_r = 38.367; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.150 W/kg

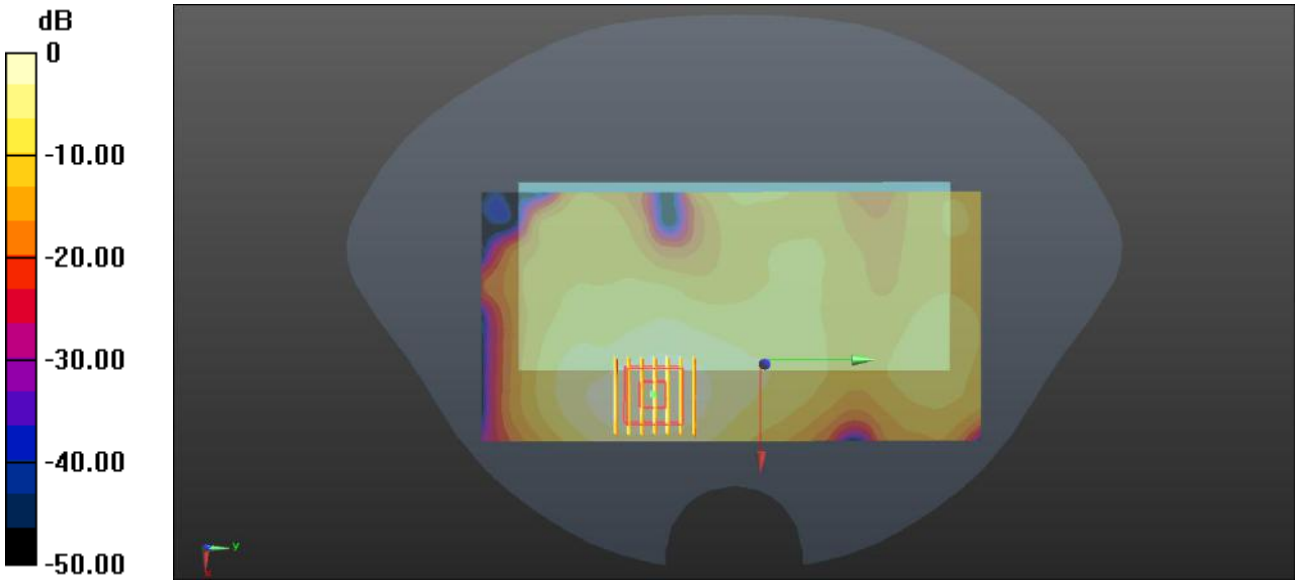
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.318 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



0 dB = 0.157 W/kg

Meas.46 Body Plane with Right Edge 10mm on Low Channel in LTE Band41 mode with Antenna 4

Date: 2022.01.18

Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz;Duty Cycle: 1:1.58

Medium parameters used (interpolated): f = 2506 MHz; σ = 1.967 S/m; ε_r = 38.367; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.887 W/kg

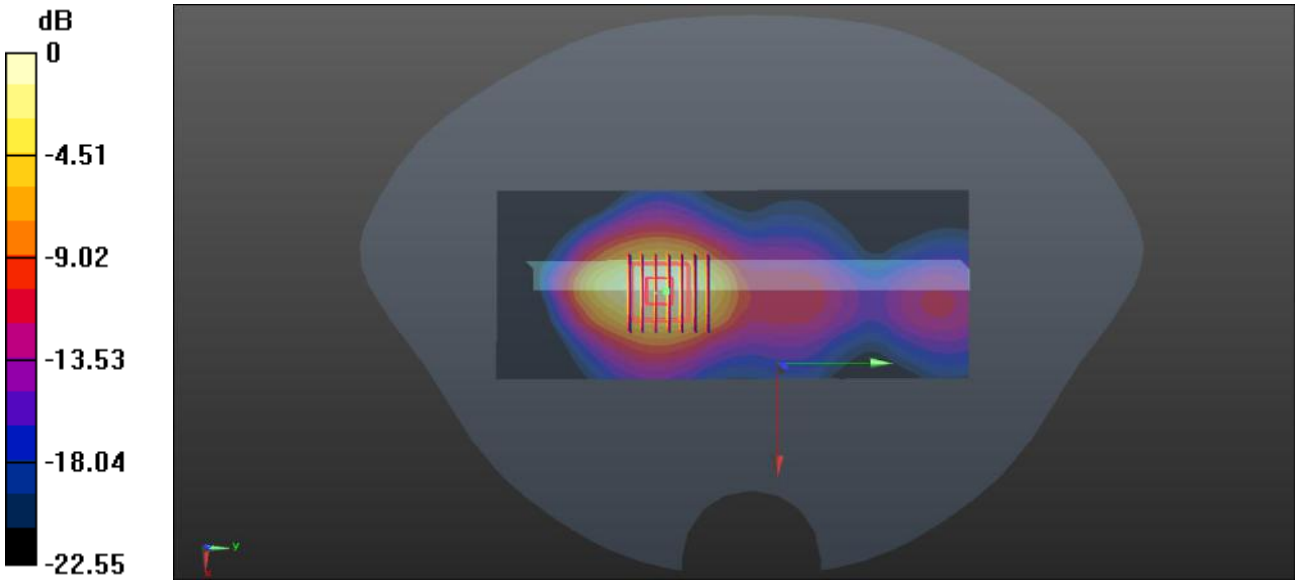
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.752 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.370 W/kg

Maximum value of SAR (measured) = 0.853 W/kg



0 dB = 0.853 W/kg

Meas.47 Right Head with Cheek on Middle Channel in N5 mode with Antenna2

Date: 2021.12.27

Communication System Band: n5; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.888 S/m; ε_r = 41.832; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167300 /Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.341 W/kg

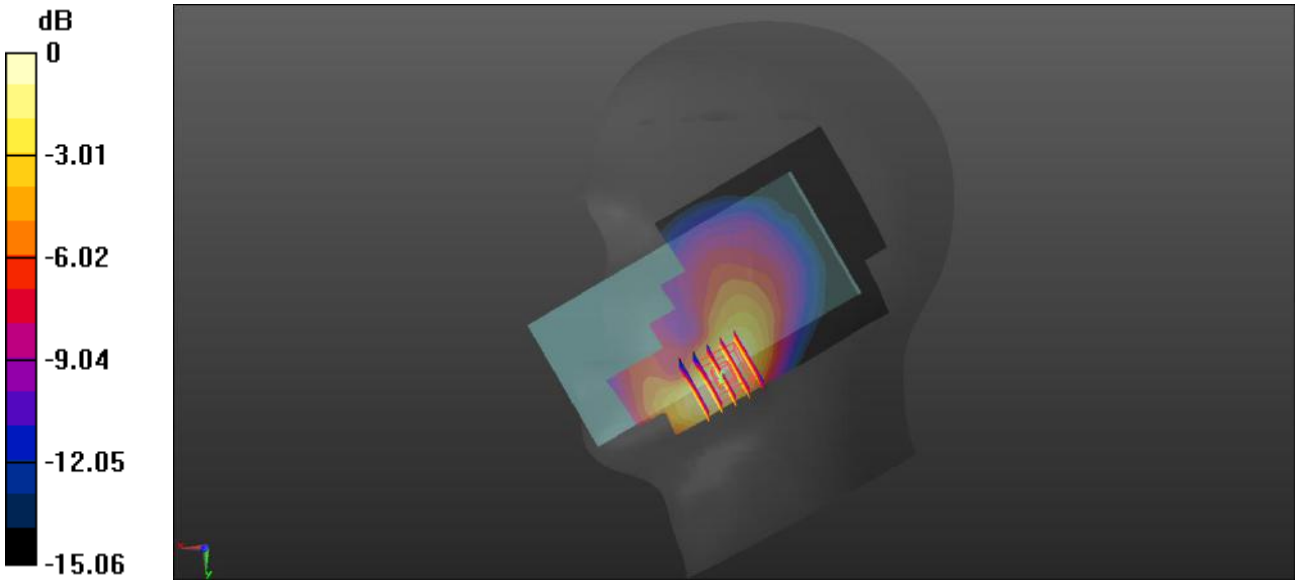
Ch167300 /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.275 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg

Meas.48 Body Plane with Front Side 15mm on Middle Channel in N5 mode with Antenna2

Date: 2021.12.27

Communication System Band: n5; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.888 S/m; ε_r = 41.832; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167300/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

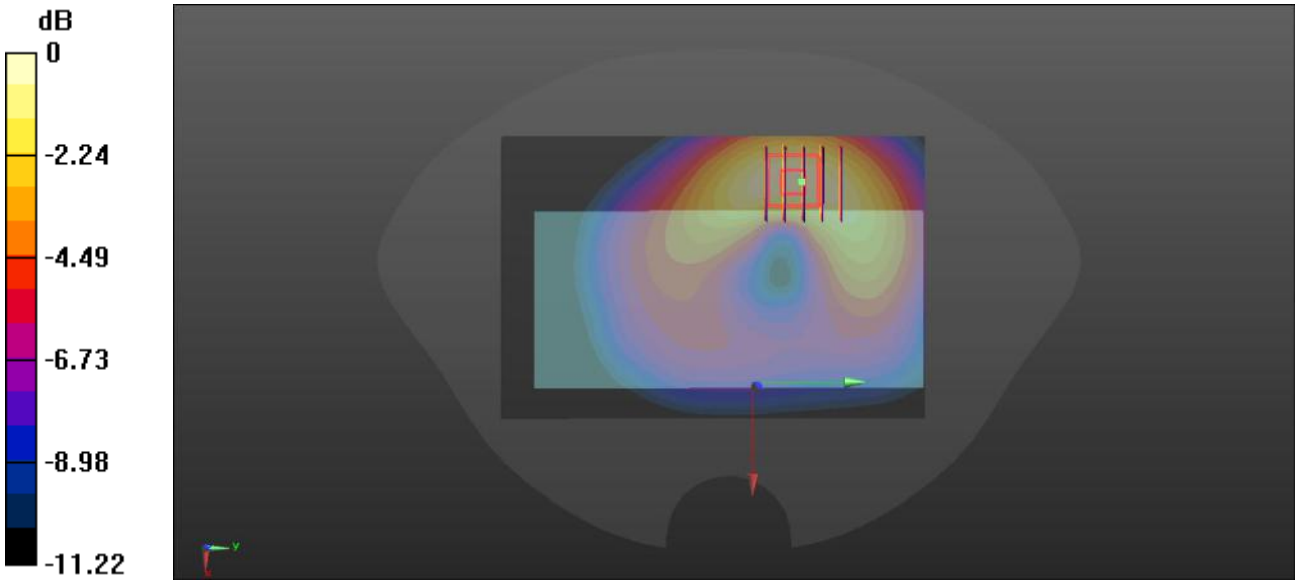
Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.091 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.07 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg

Meas.49 Body Plane with Left Edge 10mm on Middle Channel in N5 mode with Antenna 2

Date: 2021.12.27

Communication System Band: n5; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.888 S/m; ε_r = 41.832; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.3, 10.3, 10.3); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167300/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.556 W/kg

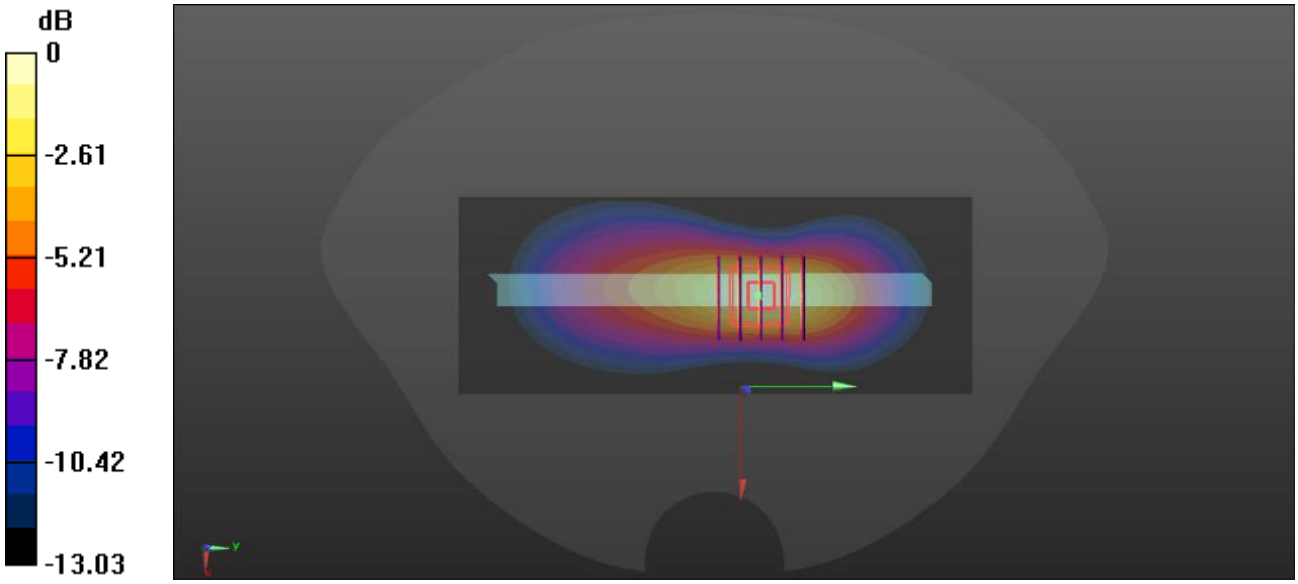
Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.88 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.542 W/kg



0 dB = 0.542 W/kg

Meas.50 Right Head with Cheek on Middle Channel in N7 mode with Antenna2

Date: 2022.01.22

Communication System Band: n7; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2535 MHz; σ = 1.925 S/m; ε_r = 39.985; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch507000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

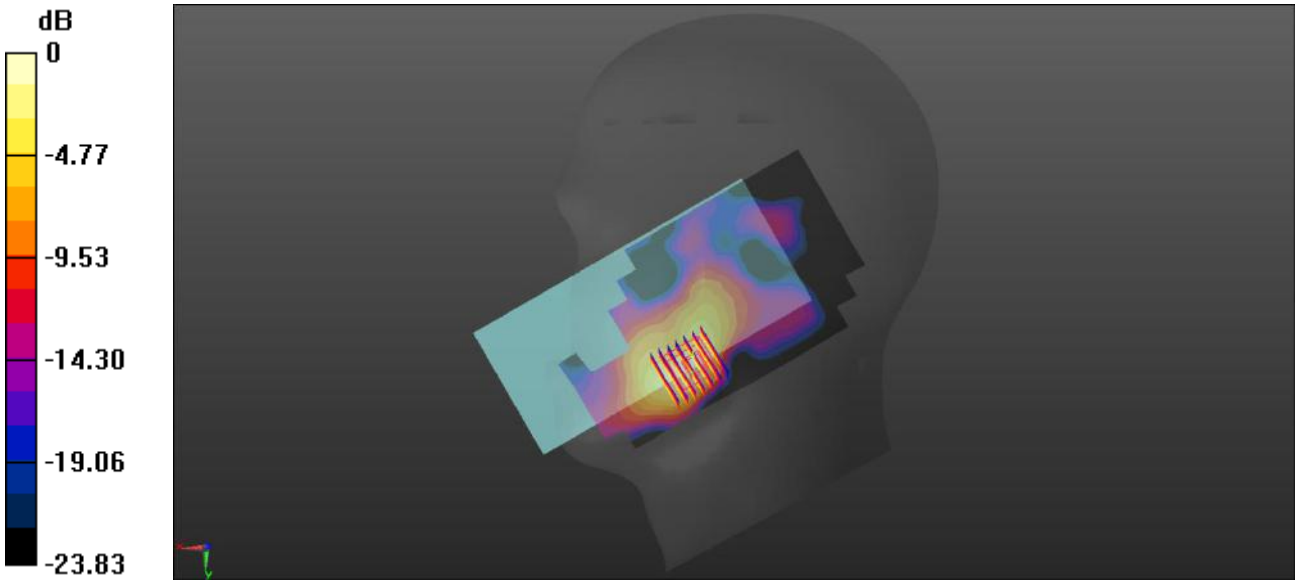
Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.649 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.373 W/kg

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg

Meas.51 Body Plane with Front Side 15mm on Middle Channel in N7 mode with Antenna2

Date: 2022.01.22

Communication System Band: n7; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2535 MHz; σ = 1.925 S/m; ε_r = 39.985; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch507000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.160 W/kg

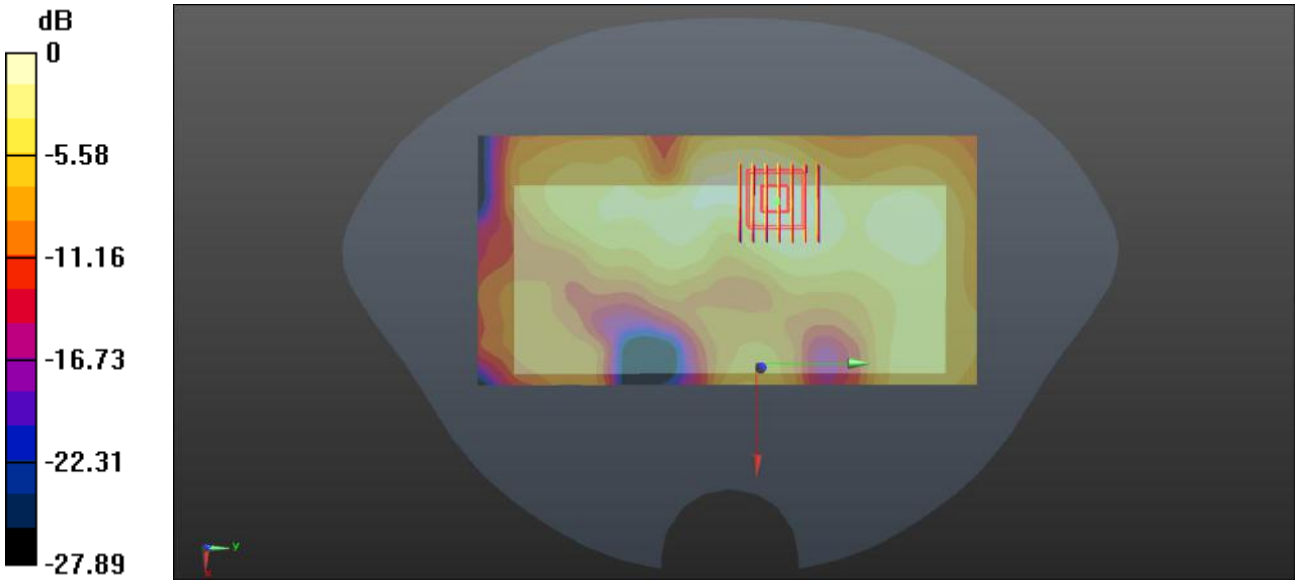
Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.523 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.161 W/kg



0 dB = 0.161 W/kg

Meas.52 Body Plane with Left Edge 10mm on Middle Channel in N7 mode with Antenna 2

Date: 2022.01.22

Communication System Band: n7; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2535 MHz; σ = 1.925 S/m; ε_r = 39.985; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch507000/Area Scan (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.840 W/kg

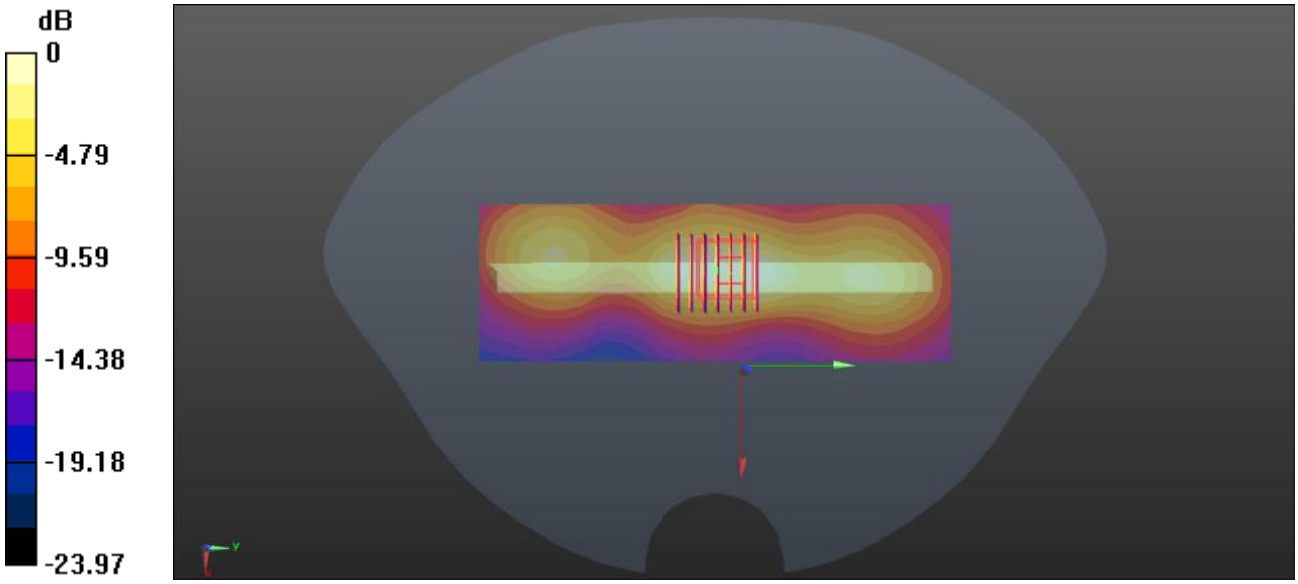
Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.83 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 0.831 W/kg



0 dB = 0.831 W/kg

Meas.53 Right Head with Cheek on Low Channel in N41 mode with Antenna2

Date: 2022.01.23

Communication System Band: n41; Frequency: 2640 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2640 MHz; σ = 1.952 S/m; ε_r = 38.491; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch528000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

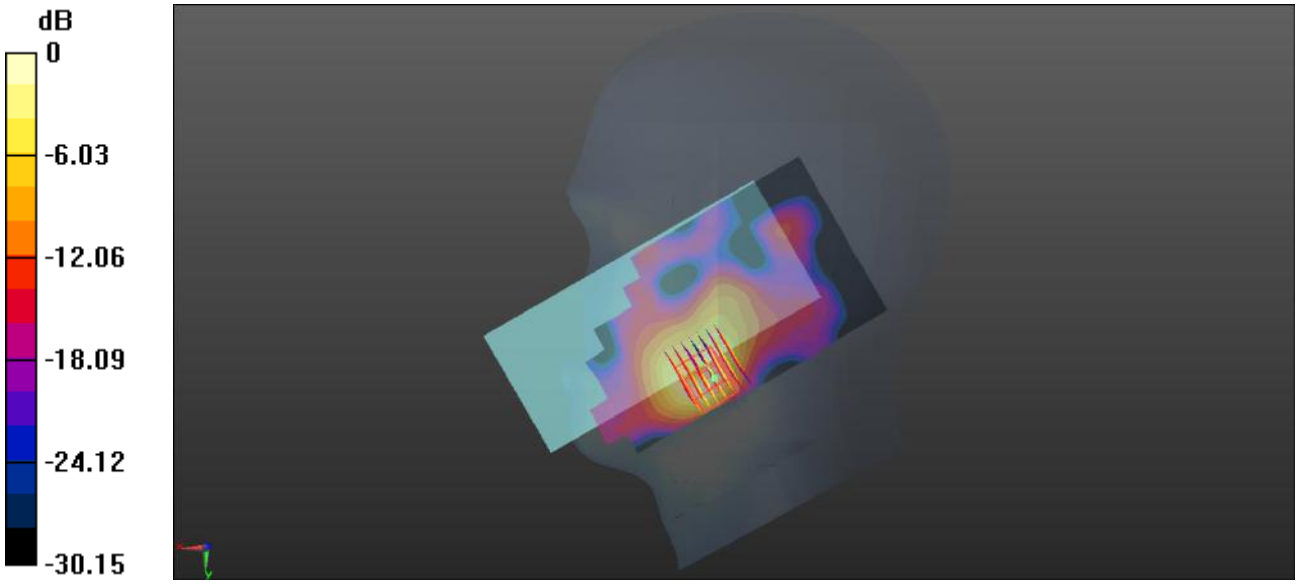
Ch528000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.518 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg

Meas.54 Body Plane with Back Side 15mm on High Channel in N41 mode with Antenna8

Date: 2022.01.25

Communication System Band: n41; Frequency: 2640 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2640 MHz; σ = 1.952 S/m; ε_r = 38.491; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch528000/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

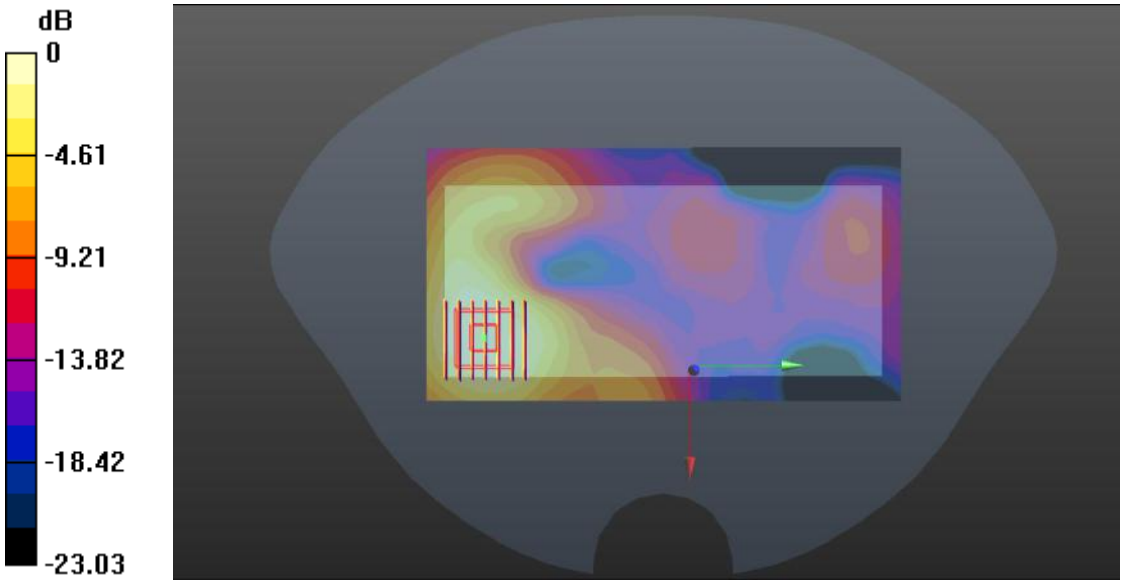
Ch528000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7350 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg

Meas.55 Body Plane with Top Edge 10mm on High Channel in N41 mode with Antenna 8

Date: 2022.01.25

Communication System Band: n41; Frequency: 2640 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2640 MHz; σ = 1.952 S/m; ε_r = 38.491; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.49, 7.49, 7.49); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch528000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.606 W/kg

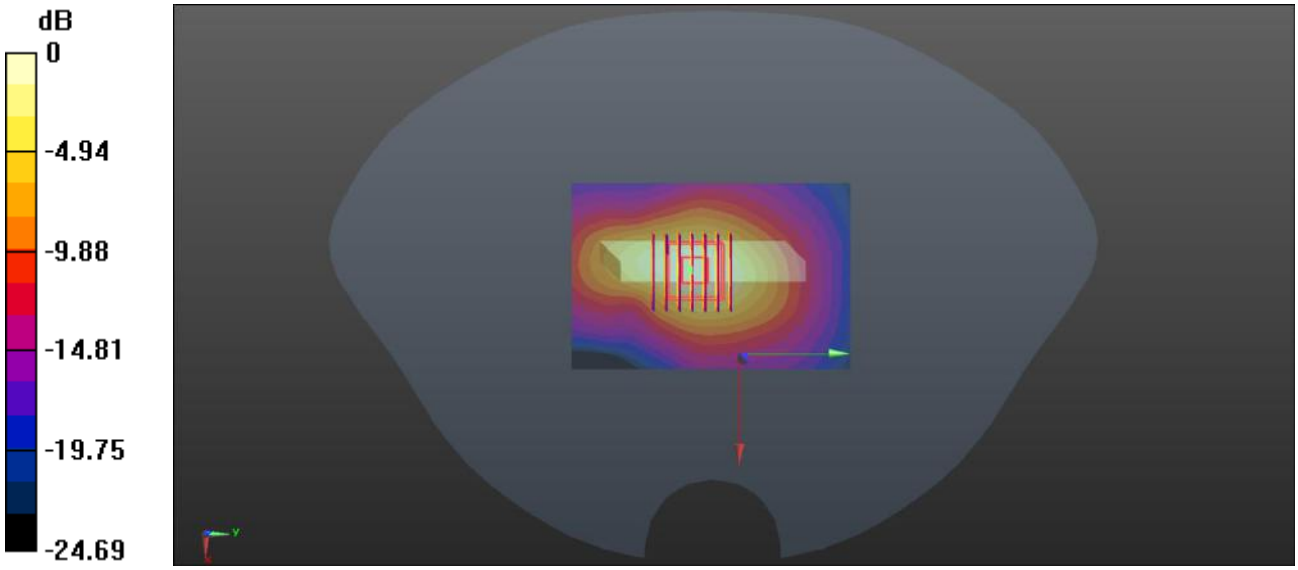
Ch528000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.51 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.597 W/kg



0 dB = 0.597 W/kg

Meas.56 Body Plane with Top Edge 0mm on High Channel in N41 mode with Antenna 8

Date: 2022.03.04

Communication System Band: n41; Frequency: 2640 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2640 MHz; σ = 1.998 S/m; ε_r = 39.06; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7663; ConvF(7.94, 7.94, 7.94); Calibrated: 2021.07.23;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2021.07.15
- Phantom: Twin-SAM Right V5.0 (20deg probe tilt); Type: QD 000 P40 CE; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7331)

Ch528000/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.43 W/kg

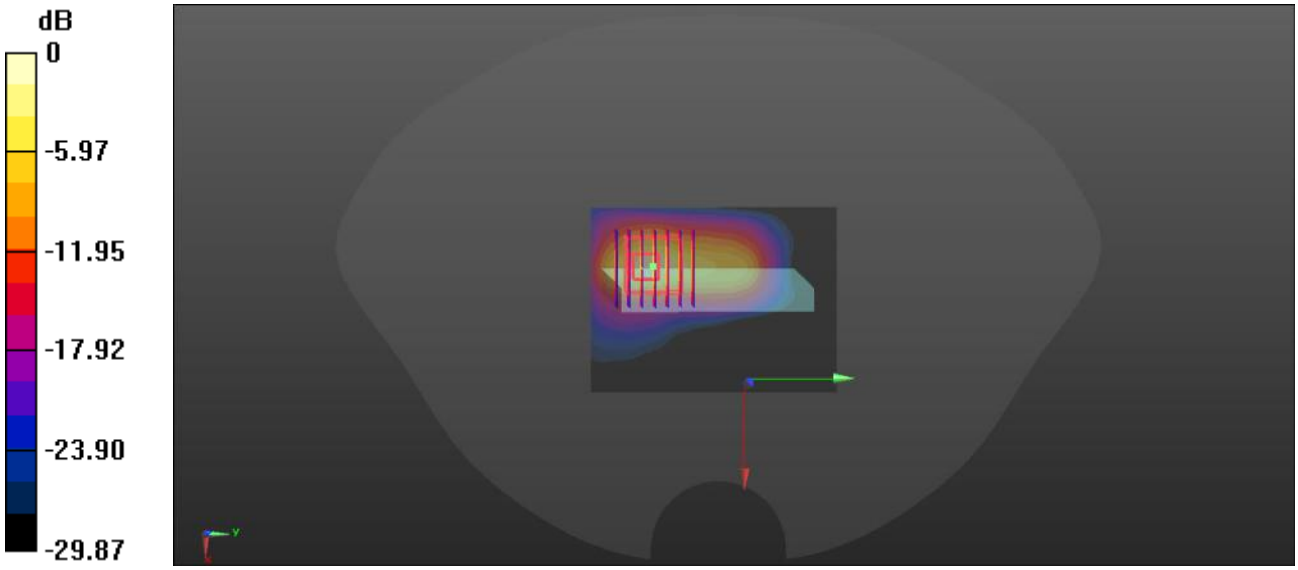
Ch528000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.86 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 2.73 W/kg; SAR(10 g) = 0.827 W/kg

Maximum value of SAR (measured) = 3.33 W/kg



0 dB = 3.33 W/kg

Meas.57 Right Head with Tilt on Low Channel in N77 mode with Antenna8

Date: 2022.01.27

Communication System Band: n77; Frequency: 3750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3750 MHz; σ = 3.15 S/m; ε_r = 37.621; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.6, 6.6, 6.6); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.846 W/kg

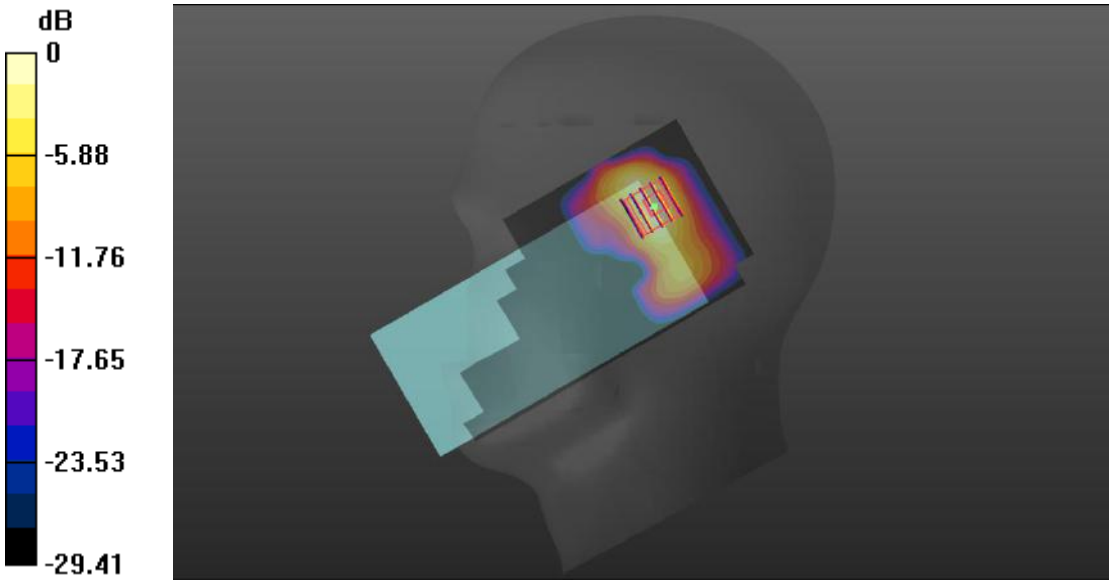
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 8.677 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.935 W/kg



0 dB = 0.935 W/kg

Meas.58 Body Plane with Back Side 15mm on Low Channel in N77 mode with Antenna8

Date: 2022.01.28

Communication System Band: n77; Frequency: 3750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3750 MHz; σ = 3.348 S/m; ε_r = 37.955; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.85, 6.85, 6.85); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.168 W/kg

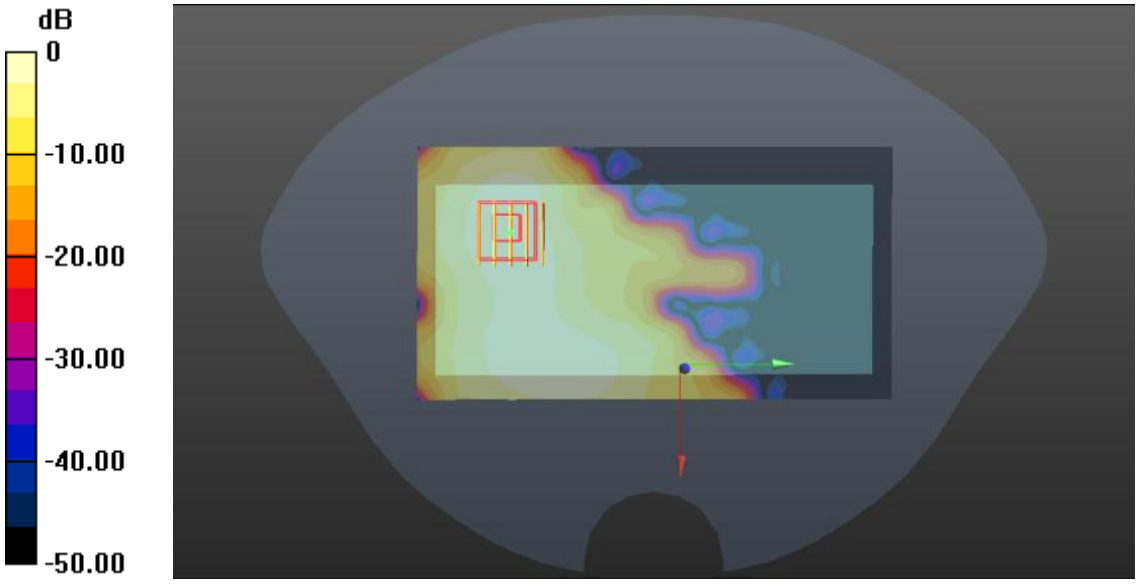
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 1.473 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg

Meas.59 Body Plane with Top Edge 10mm on High Channel in N77 mode with Antenna8

Date: 2022.01.28

Communication System Band: n77; Frequency: 3750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3750 MHz; σ = 3.348 S/m; ε_r = 37.955; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.51, 6.51, 6.51); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.769 W/kg

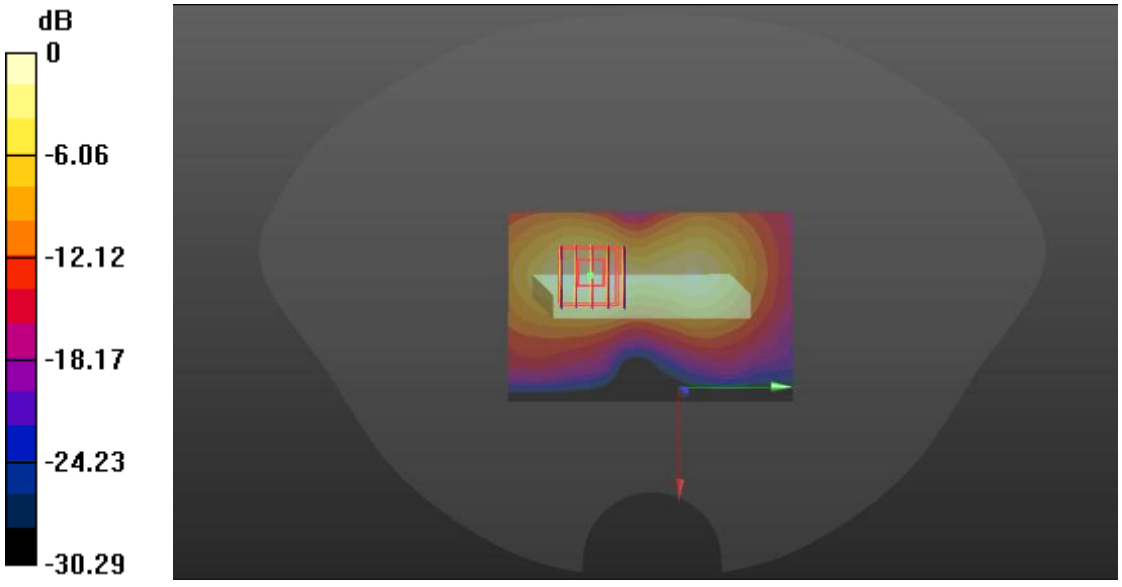
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 7.082 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.765 W/kg



0 dB = 0.765 W/kg

Meas.60 Right Head with Tilt on High Channel in N78 mode with Antenna8

Date: 2022.01.29

Communication System Band: n78; Frequency: 3750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3750 MHz; σ = 3.169 S/m; ε_r = 38.02; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.1 Liquid Temperature:21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.6, 6.6, 6.6); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.709 W/kg

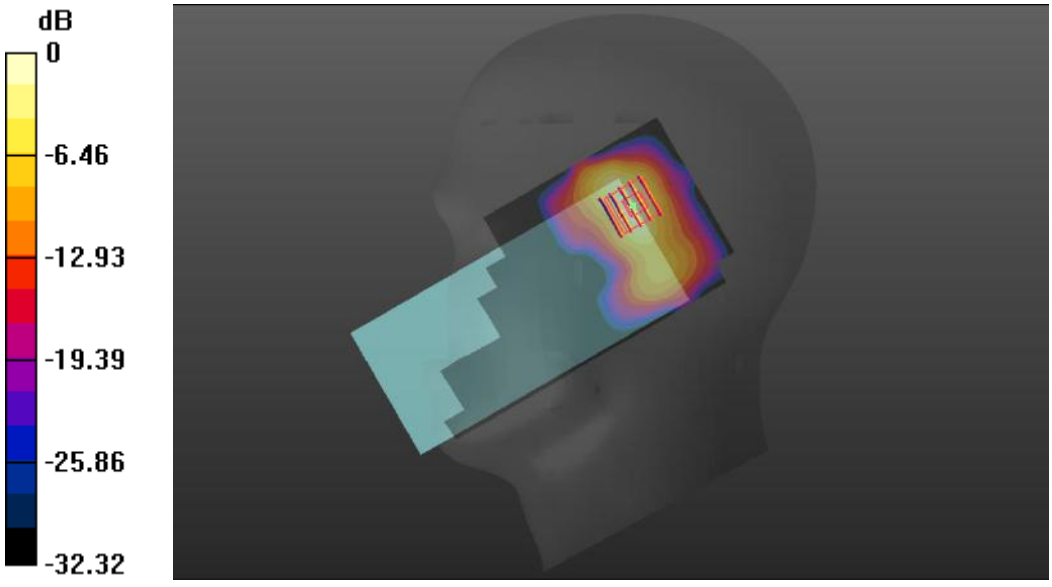
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 7.765 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.753 W/kg



0 dB = 0.753 W/kg

Meas.61 Body Plane with Back Side 15mm on Low Channel in N78 mode with Antenna8

Date: 2022.01.30

Communication System Band: n78; Frequency: 3499.98 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 3499.98 MHz; σ = 2.901 S/m; ε_r = 37.551; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.85, 6.85, 6.85); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch633332/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0868 W/kg

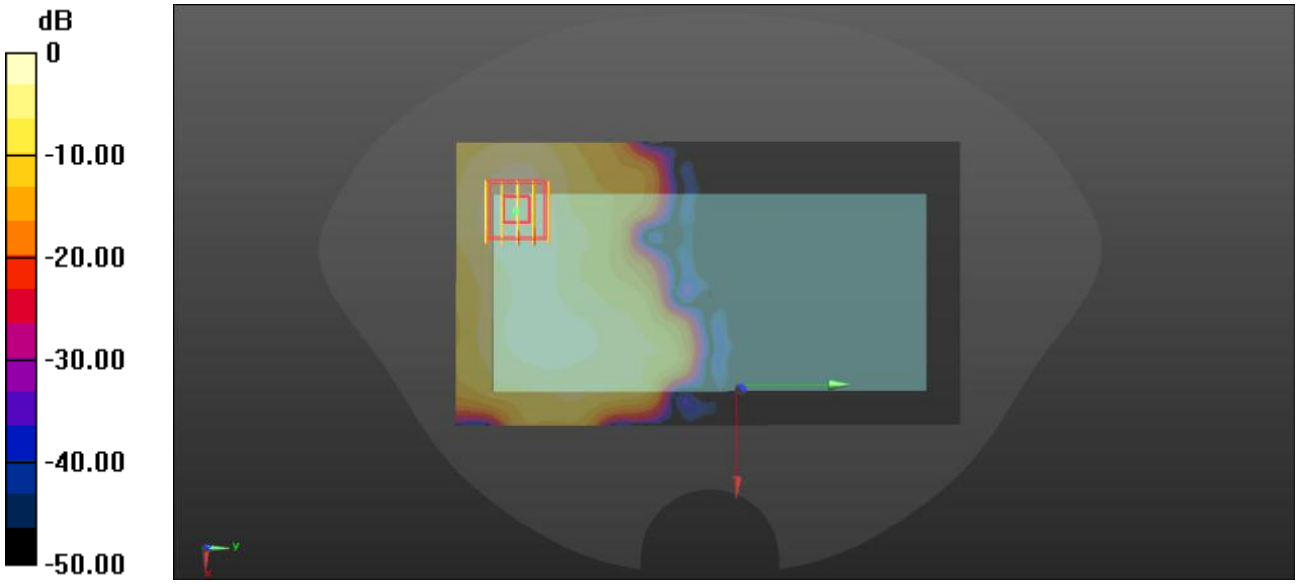
Ch633332/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 0 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0944 W/kg



0 dB = 0.0944 W/kg

Meas.62 Body Plane with Top Edge 10mm on High Channel in N78 mode with Antenna8

Date: 2022.01.30

Communication System Band: n78; Frequency: 3750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 3750 MHz; σ = 3.175 S/m; ε_r = 36.765; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(6.6, 6.6, 6.6); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch650000/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.643 W/kg

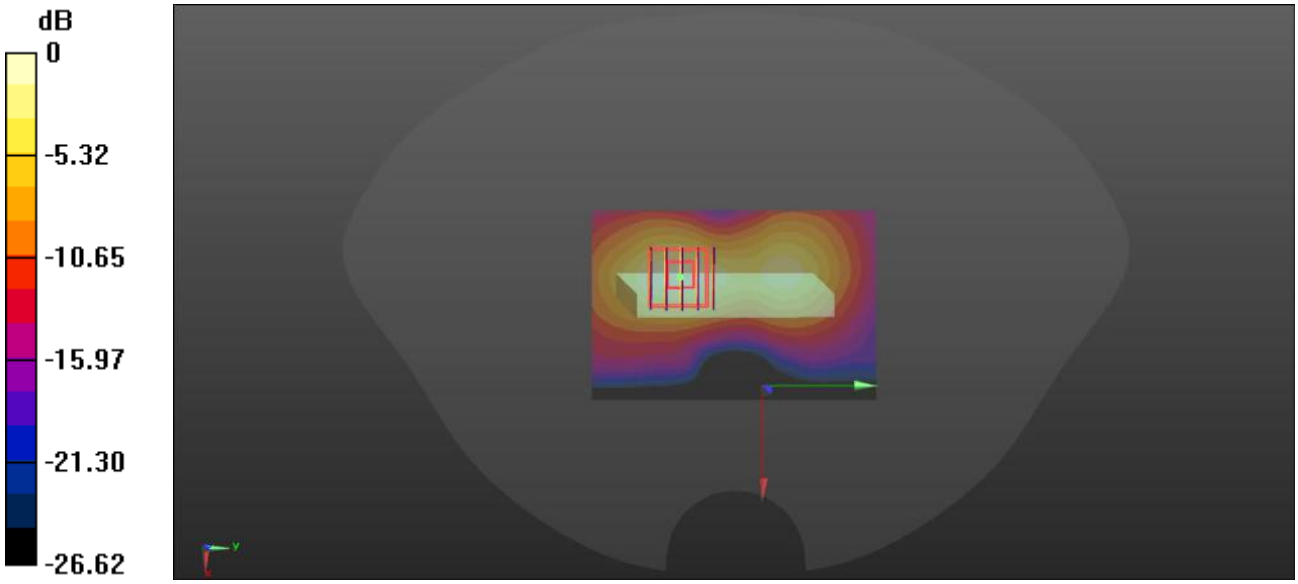
Ch650000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=4mm

Reference Value = 6.874 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.636 W/kg



0 dB = 0.636 W/kg

Meas.63 Left Head with Tilt on Channel 1 in IEEE802.11b mode with Antenna6

Date: 2022.01.12

Communication System Band: WLAN(b); Frequency: 2412 MHz;Duty Cycle: 1:1.015

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.715 S/m; ε_r = 40.486; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.453 W/kg

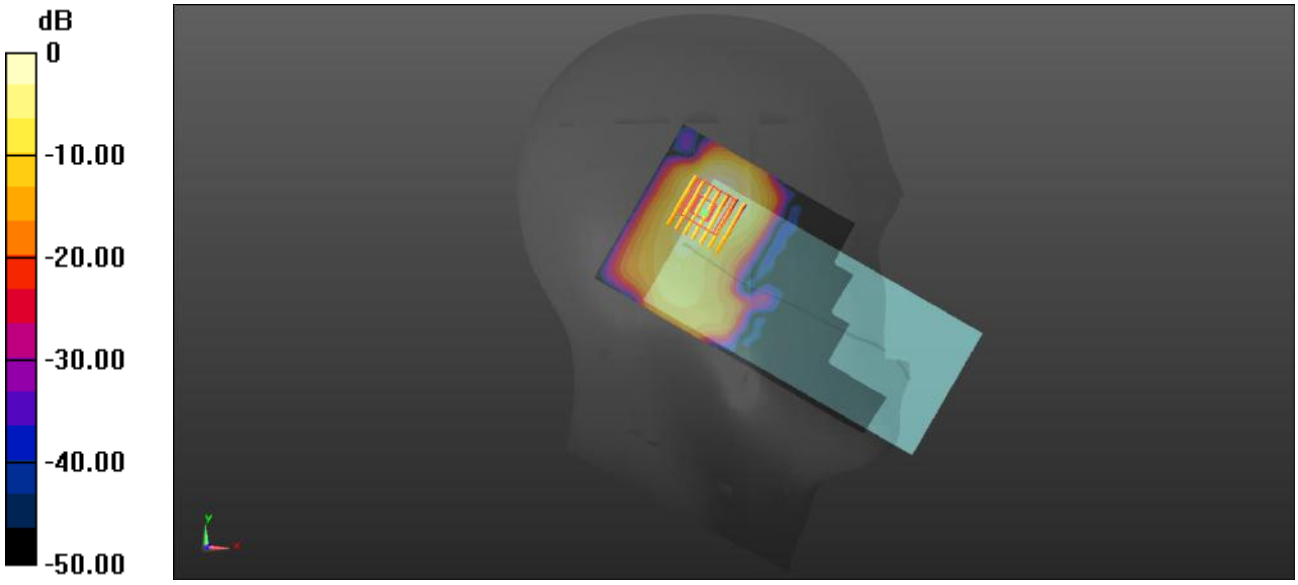
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.713 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg

Meas.64 Body Plane with Back Side 15mm on Channel 6 in IEEE802.11b mode with Antenna6

Date: 2022.01.12

Communication System Band: WLAN(b); Frequency: 2437 MHz;Duty Cycle: 1:1.015

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.738 S/m; ε_r = 40.405; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0878 W/kg

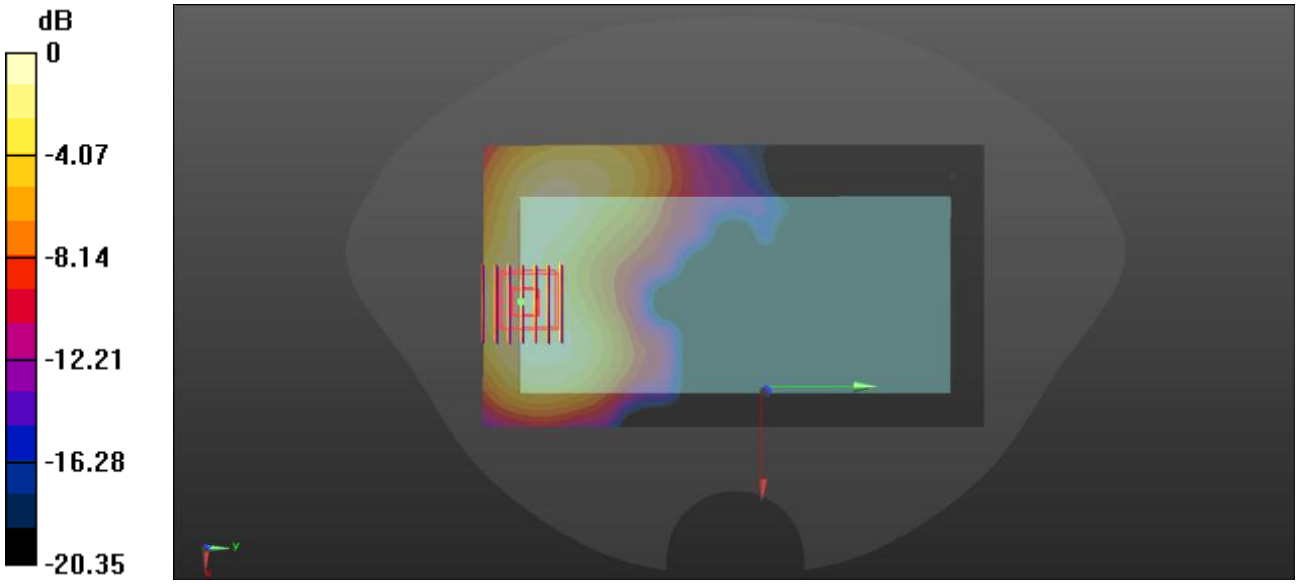
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0887 W/kg



0 dB = 0.0887 W/kg

Meas.65 Body Plane with Top Edge 10mm on Channel 6 in IEEE802.11b mode with Antenna6

Date: 2022.01.12

Communication System Band: WLAN(b); Frequency: 2437 MHz;Duty Cycle: 1:1.015

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.738 S/m; ε_r = 40.405; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.406 W/kg

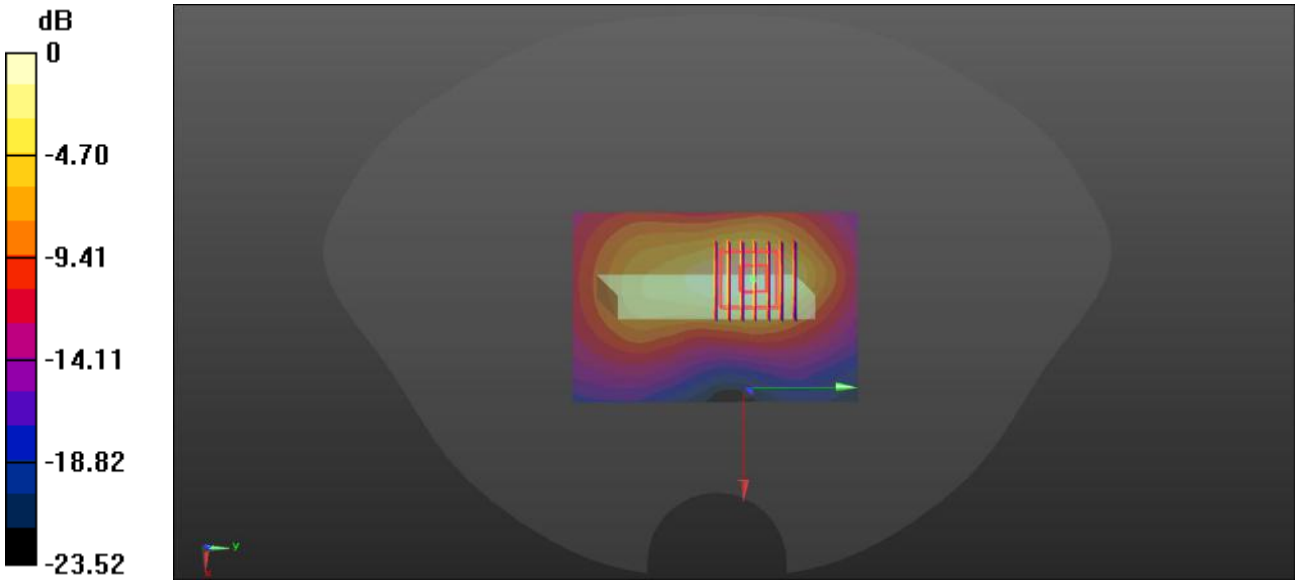
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.57 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg

Meas.66 Left Head with Tilt on Channel 52 in IEEE802.11a mode with Antenna6

Date: 2022.01.19

Communication System Band: WLAN(a); Frequency: 5260 MHz;Duty Cycle: 1:1.018

Medium parameters used (interpolated): f = 5260 MHz; σ = 4.731 S/m; ε_r = 35.655; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.3 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

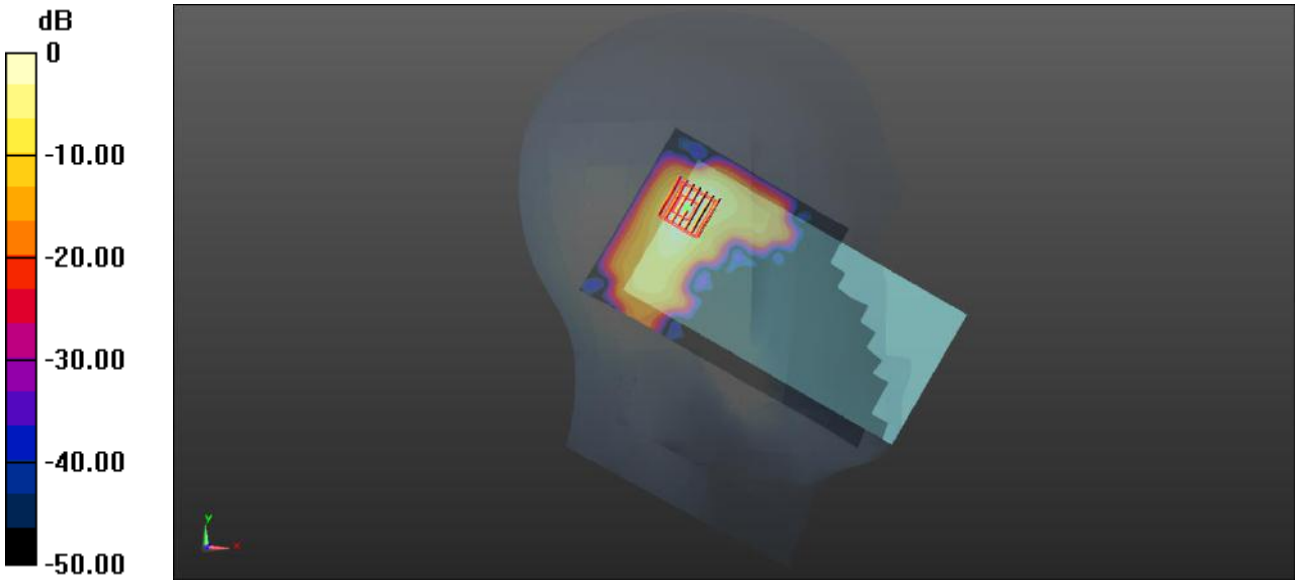
Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.474 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

Meas.67 Left Head with Tilt on Channel 140 in IEEE802.11a mode with Antenna6

Date: 2022.01.20

Communication System Band: WLAN(a); Frequency: 5580MHz;Duty Cycle: 1:1.018

Medium parameters used: f = 5580 MHz; σ = 5.039 S/m; ε_r = 35.351; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.2 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.88, 4.88, 4.88); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch116/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.973 W/kg

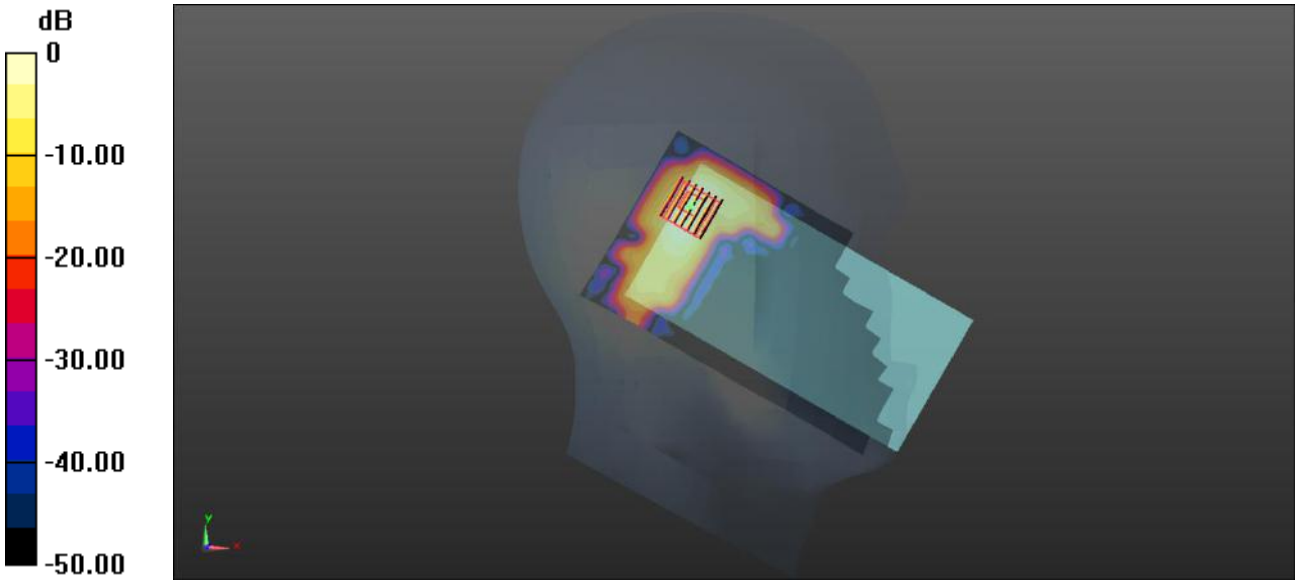
Ch116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.515 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

Meas.68 Left Head with Tilt on Channel 165 in IEEE802.11a mode with Antenna6

Date: 2022.01.21

Communication System Band: WLAN(a); Frequency: 5825 MHz;Duty Cycle: 1:1.018

Medium parameters used (interpolated): f = 5825 MHz; σ = 5.406 S/m; ε_r = 35.257; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.9 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.92, 4.92, 4.92); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

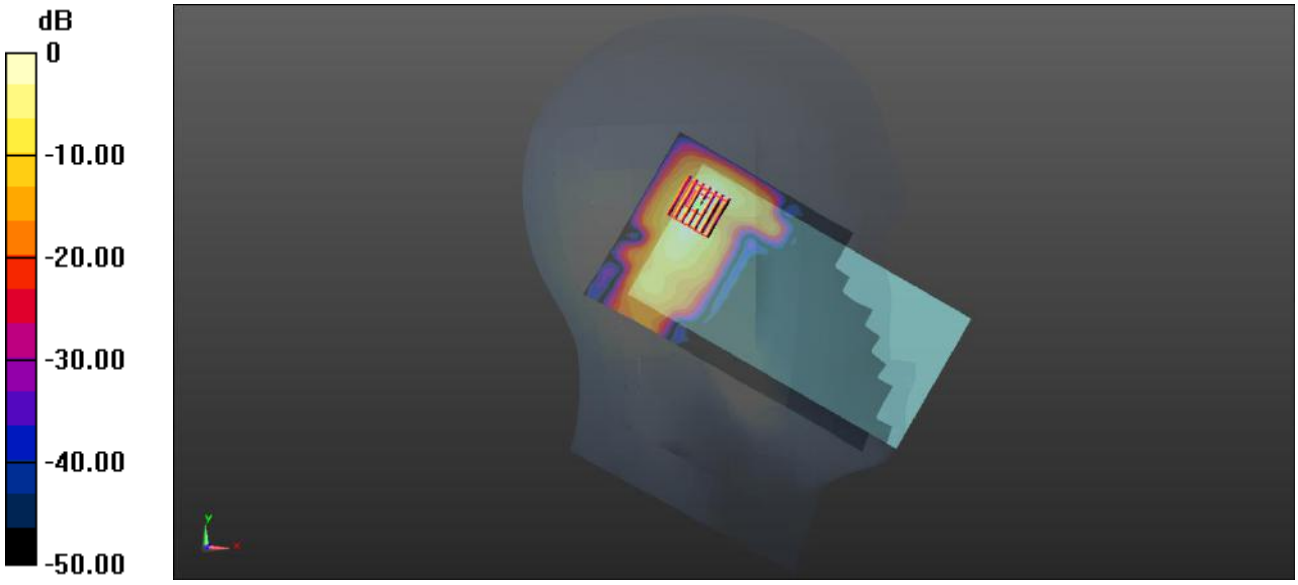
Ch165/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.088 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.06 W/kg

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg

Meas.69 Body Plane with Back Side 15mm on Channel 60 in IEEE802.11a mode with Antenna7

Date: 2022.01.19

Communication System Band: WLAN(a); Frequency: 5300 MHz;Duty Cycle: 1:1.018

Medium parameters used: f = 5300 MHz; σ = 4.797 S/m; ε_r = 35.441; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch60/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.173 W/kg

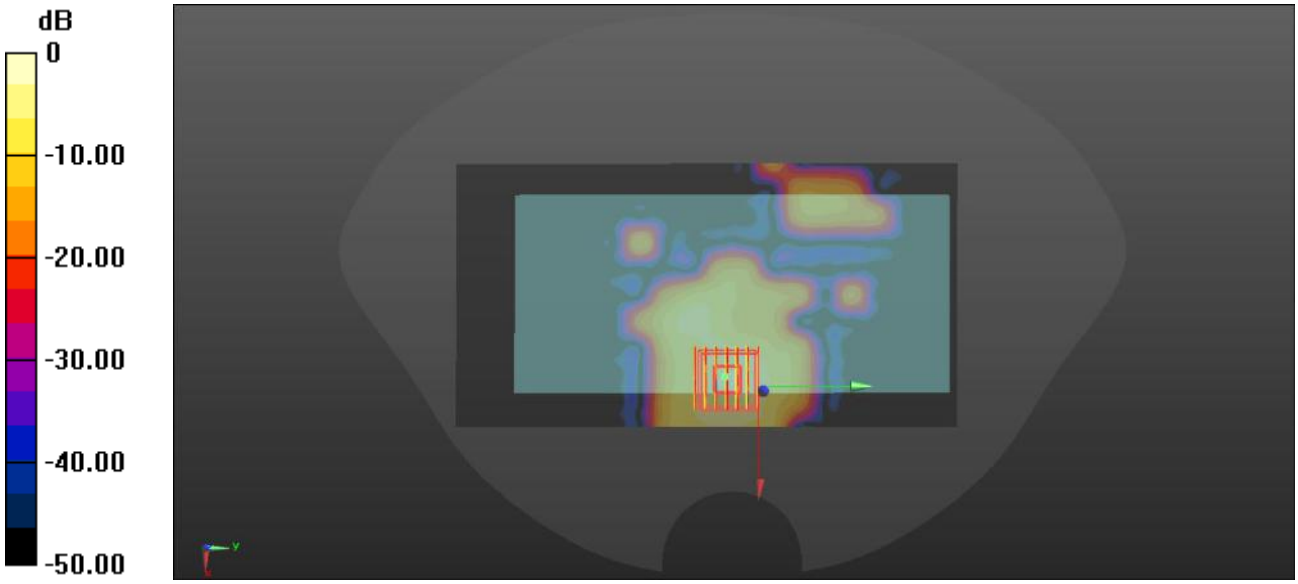
Ch60/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.378 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg

Meas.70 Body Plane with Back Side 15mm on Channel 140 in IEEE802.11a mode with Antenna7

Date: 2022.01.20

Communication System Band: WLAN(a); Frequency: 5700 MHz;Duty Cycle: 1:1.018

Medium parameters used: f = 5700 MHz; σ = 5.199 S/m; ε_r = 34.576; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.2 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.88, 4.88, 4.88); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch140/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

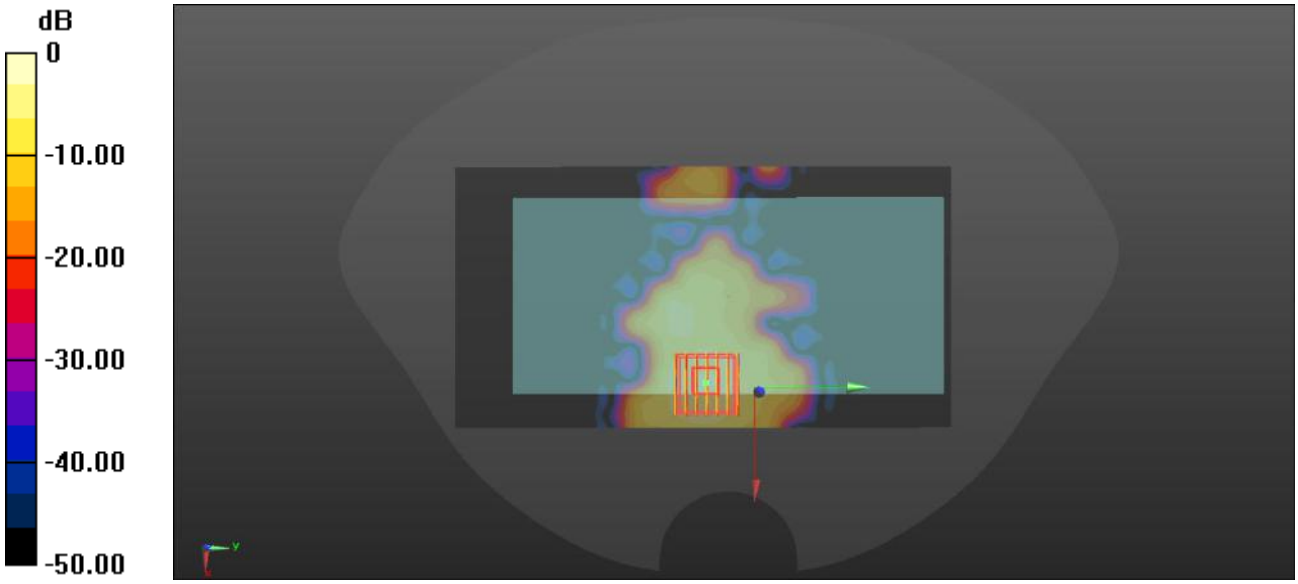
Ch140/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.979 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.357 W/kg

Meas.71 Body Plane with Back Side 15mm on Channel 165 in IEEE802.11a mode with Antenna6

Date: 2022.01.21

Communication System Band: WLAN(a); Frequency: 5825 MHz;Duty Cycle: 1:1.018

Medium parameters used (interpolated): f = 5825 MHz; σ = 5.406 S/m; ε_r = 35.257; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.9 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.92, 4.92, 4.92); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.145 W/kg

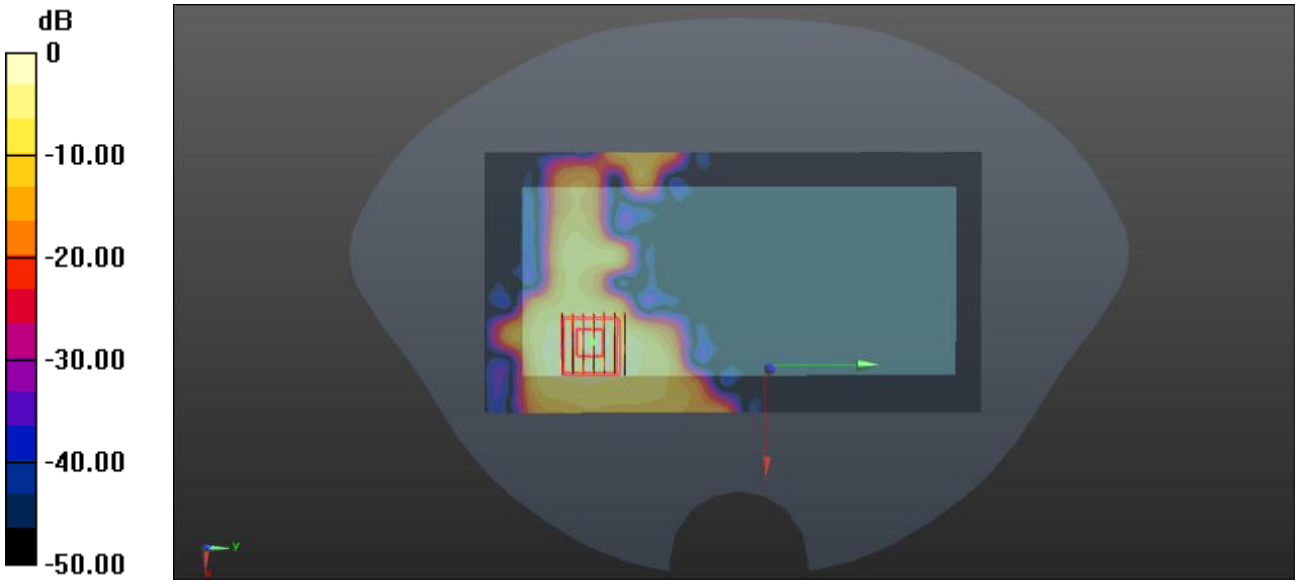
Ch165/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.280 W/kg



0 dB = 0.280 W/kg

Meas.72 Body Plane with Back Side 10mm on Channel 48 in IEEE802.11a mode with Antenna6

Date: 2022.01.19

Communication System Band: WLAN(a); Frequency: 5240 MHz;Duty Cycle: 1:1.018

Medium parameters used (interpolated): f = 5240 MHz; σ = 4.696 S/m; ε_r = 35.87; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.265 W/kg

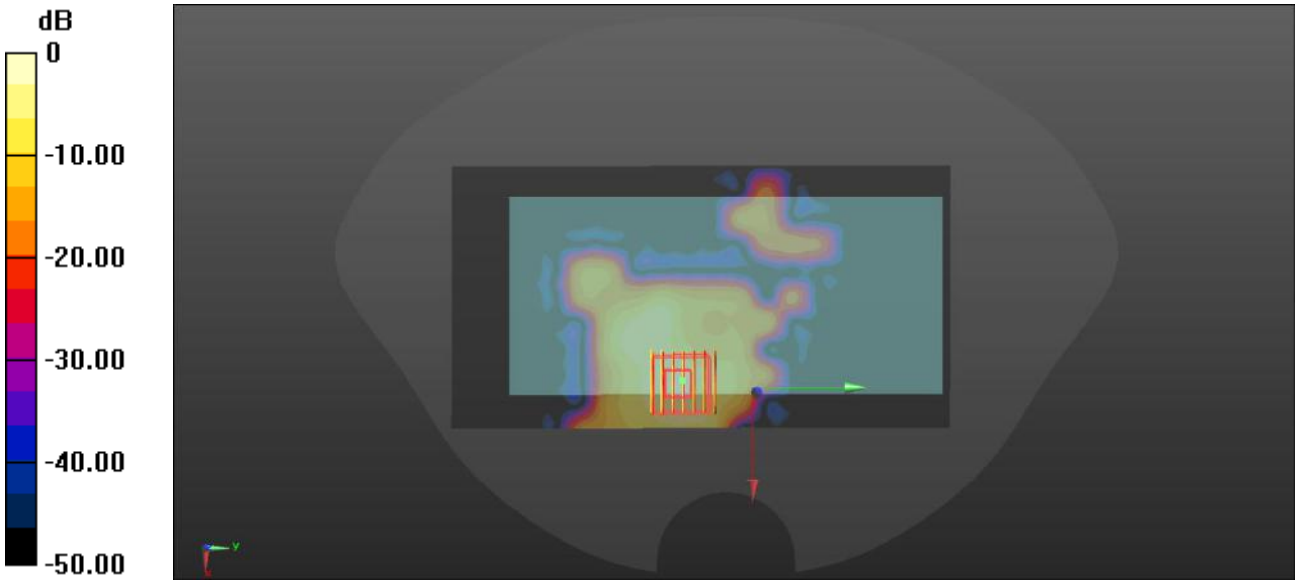
Ch48/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.369 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg

Meas.73 Body Plane with Top Edge 10mm on Channel 165 in IEEE802.11a mode with Antenna6

Date: 2022.01.21

Communication System Band: WLAN(a); Frequency: 5825 MHz;Duty Cycle: 1:1.018

Medium parameters used (interpolated): f = 5825 MHz; σ = 5.406 S/m; ε_r = 35.257; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.9 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.92, 4.92, 4.92); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.340 W/kg

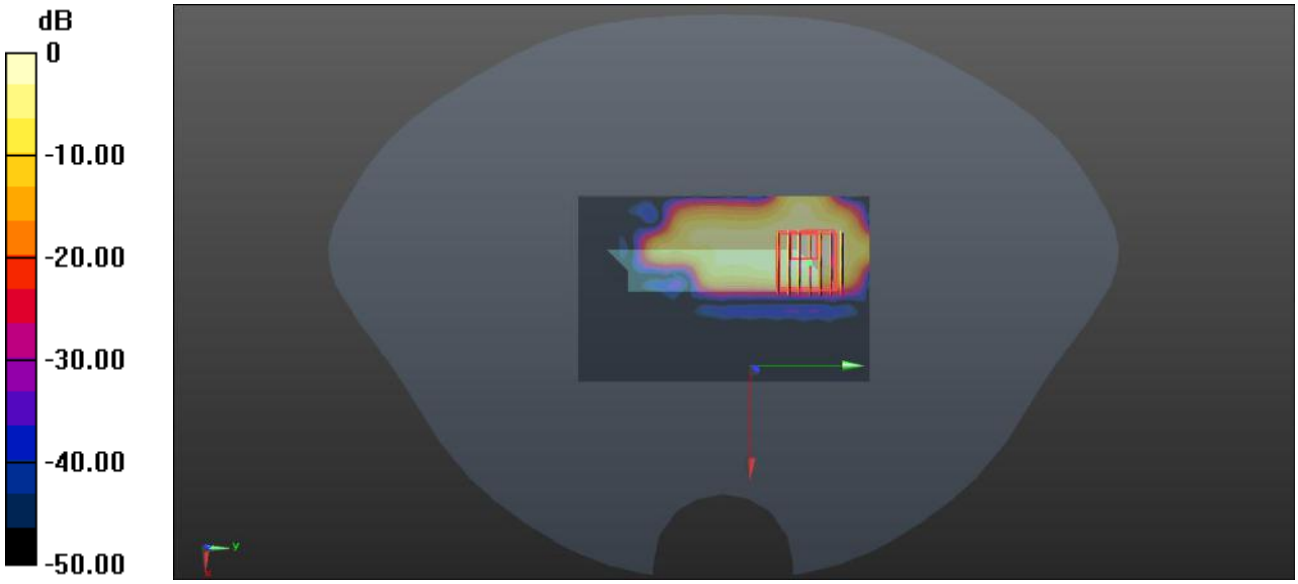
Ch165/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg

Meas.74 Body Plane with Top Edge 0mm on Channel 52 in IEEE802.11a mode with Antenna6

Date: 2022.01.19

Communication System Band: WLAN(a); Frequency: 5260 MHz;Duty Cycle: 1:1.018

Medium parameters used (interpolated): f = 5260 MHz; σ = 4.731 S/m; ε_r = 35.655; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.86 W/kg

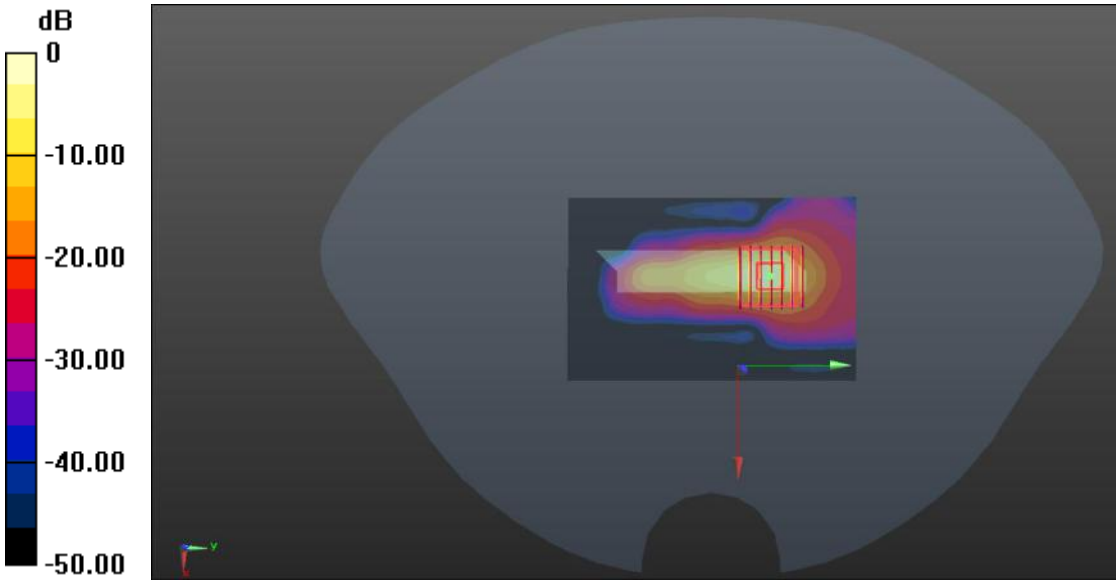
Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.57 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 47.2 W/kg

SAR(1 g) = 6.91 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 17.4 W/kg



0 dB = 17.4 W/kg

Meas.75 Body Plane with Top Edge 0mm on Channel 116 in IEEE802.11a mode with Antenna6

Date: 2022.01.20

Communication System Band: WLAN(a); Frequency: 5580 MHz;Duty Cycle: 1:1.018

Medium parameters used (interpolated): f = 5580 MHz; σ = 5.039 S/m; ε_r = 35.351; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.88, 4.88, 4.88); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch116/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.42 W/kg

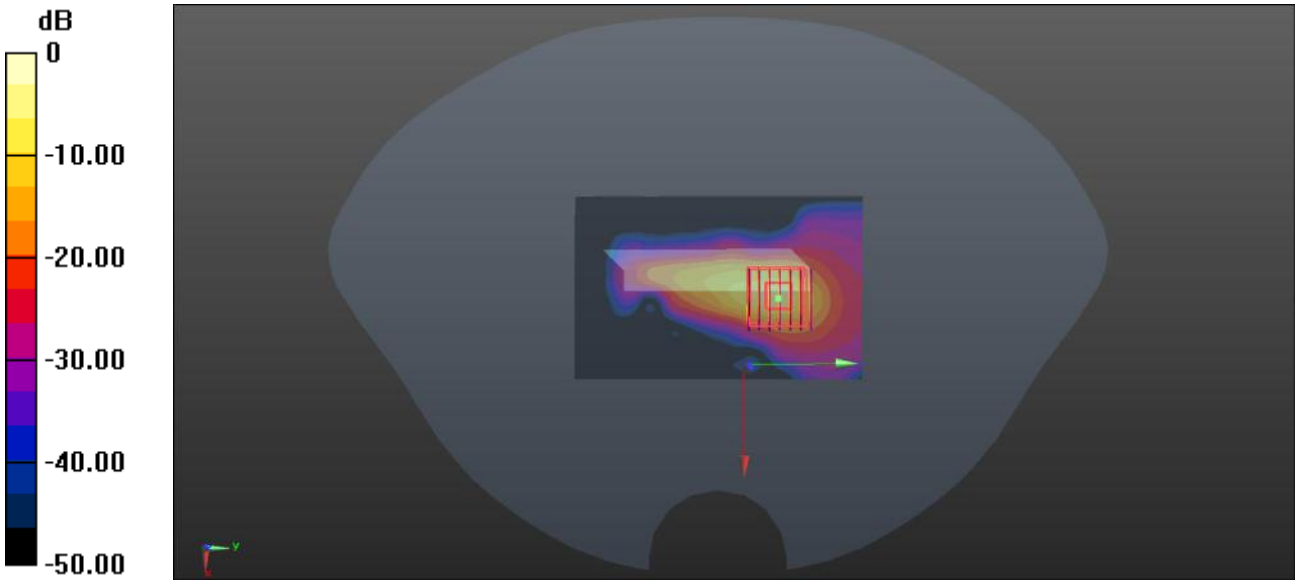
Ch116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.98 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 48.6 W/kg

SAR(1 g) = 7.01 W/kg; SAR(10 g) = 1.51 W/kg

Maximum value of SAR (measured) = 17.5 W/kg



0 dB = 17.5 W/kg

Meas.76 Left Head with Tilt on Channel Middle in Bluetooth mode with Antenna6

Date: 2022.01.12

Communication System Band: BT; Frequency: 2441 MHz;Duty Cycle: 1:1.302

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.771 S/m; ε_r = 38.667; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0374 W/kg

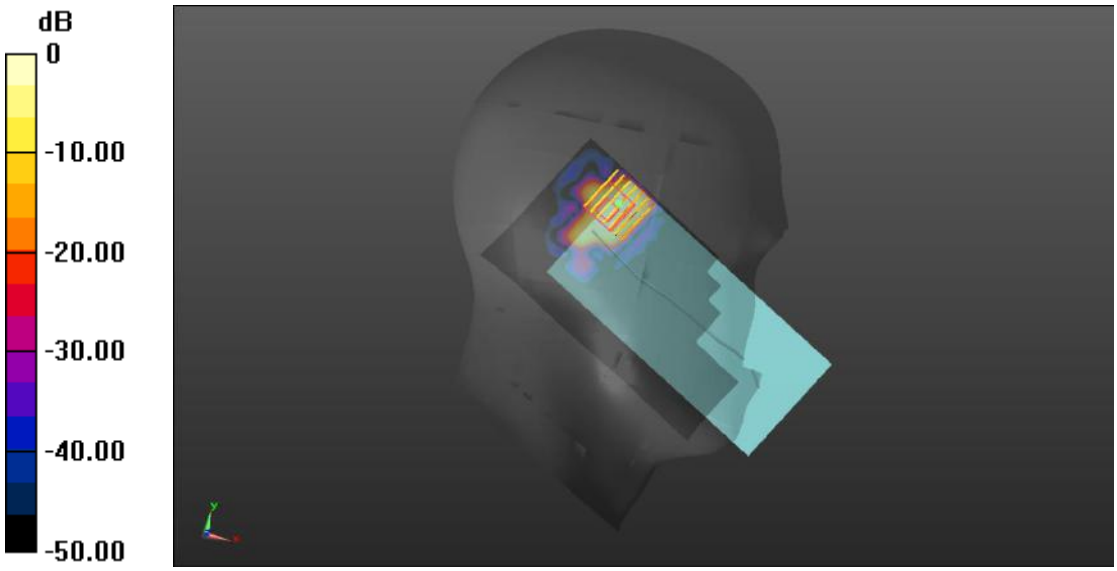
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.8910 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00545 W/kg

Maximum value of SAR (measured) = 0.0192 W/kg



0 dB = 0.0192 W/kg

Meas.77 Body Plane with Back Side 15mm on Middle Channel in Bluetooth mode with Antenna6

Date: 2022.01.12

Communication System Band: BT; Frequency: 2441 MHz;Duty Cycle: 1:1.302

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.771 S/m; ε_r = 38.667; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0177 W/kg

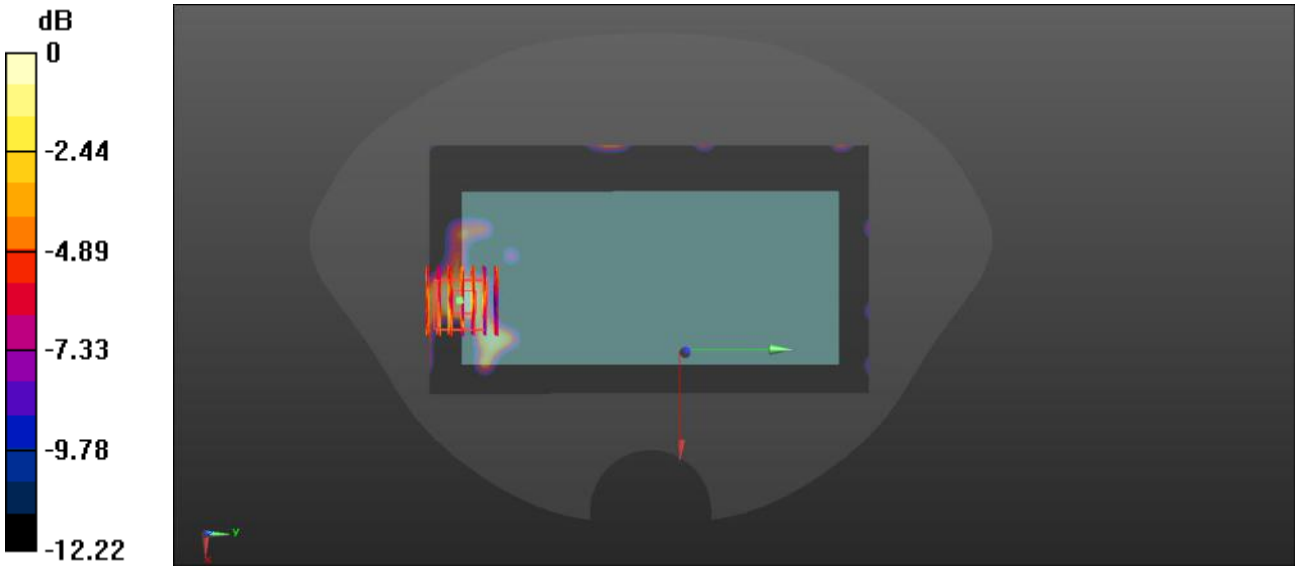
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0230 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00611 W/kg

Maximum value of SAR (measured) = 0.0134 W/kg



0 dB = 0.0134 W/kg

Meas.78 Body Plane with Top Edge 10mm on Middle Channel in Bluetooth mode with Antenna6

Date: 2022.01.12

Communication System Band: BT; Frequency: 2441 MHz;Duty Cycle: 1:1.302

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.771 S/m; ε_r = 38.667; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.1 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.68, 7.68, 7.68); Calibrated: 2021.08.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2021.11.05
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0110 W/kg

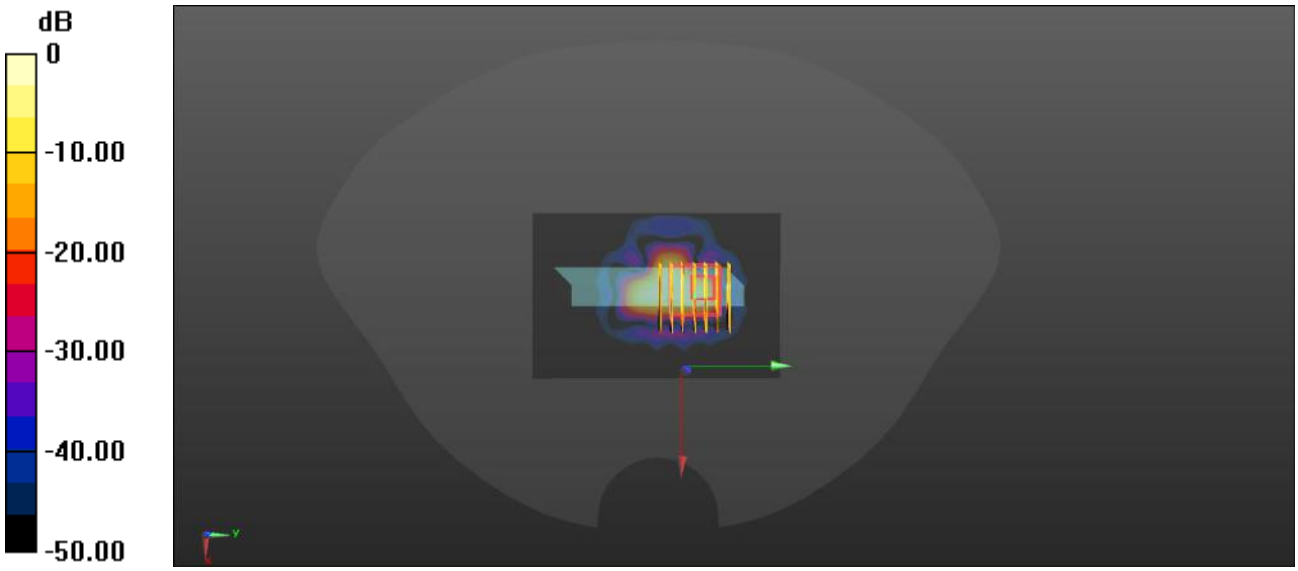
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.762 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.00833 W/kg; SAR(10 g) = 0.00242 W/kg

Maximum value of SAR (measured) = 0.00818 W/kg



0 dB = 0.00818 W/kg

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “BL-EC21C0857-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “BL-EC21C0857-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “CALIBRATION REPORT.pdf”.

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